The Public Utilities Commission of Ohio TELECOMMUNICATIONS APPLICATION FORM for ROUTINE PROCEEDINGS

(Effective: 10/26/2007) (Pursuant to Case No. 06-1345-TP-ORD)

In the Matter of the Application of AT&T Ohio to Make Various Textural Changes Associated with a Pre-Detariffing Clean-up Project	TRF Docket No. 90-5032-TP-TRF Case No TP NOTE: Unless you have reserved a Case # or are filing a Contract leave the "Case No" fields BLANK.
Name of Registrant(s) AT&T Ohio	
DBA(s) of Registrant(s) The Ohio Bell Telephone Company use	s the name AT&T Ohio
Address of Registrant(s) 150 East Gay Street	
Company Web Address www.att.com	
Regulatory Contact Person(s) Maryann H. Mackey	Phone 216 822-0086 Fax 216 822-5722
Regulatory Contact Person's Email Address mm4182@at	t.com
Contact Person for Annual Report Michael R. Schaedler	Phone 216 822-8307
Address (if different from above) 45 Erieview Plaza Suite 1500	Cleveland, Ohio 44114
Consumer Contact Information Kathy Gentile-Klein	Phone 216 822-2395
Address (if different from above) 45 Erieview Plaza Suite 150	Cleveland, Ohio 44114
Motion for protective order included with filing? □Yes ■ ?	No
Motion for waiver(s) filed affecting this case? □Yes ■ No [Note: Waivers may toll any automatic timeframe.]

Section I – Pursuant to Chapter 4901:11-6 OAC – Part I – Please indicate the Carrier Type and the reason for submitting this form by checking the boxes below. *CMRS providers: Please see the bottom of Section II*.

NOTES: (1) For requirements for various applications, see the identified section of Ohio Administrative Code Section 4901 and/or the supplemental application form noted.

(2) Information regarding the number of copies required by the Commission may be obtained from the Commission's web site at www.puco.ohio.gov under the docketing information system section, by calling the docketing division at 614-466-4095, or by visiting the docketing division at the offices of the Commission.

Carrier Type Other (explain below)	■LEC	□ CLEC	□ CTS	□ AOS/IOS
Tier 1 Regulatory Treatment				
Change Rates within approved Range	□ TRF 1-6-04(B)	□ TRF 1-6-04(B)		
Change Rates within approved Range	(0 day Notice)	(0 day Notice)		
New Service, expanded local calling area,	□ ZTA 1-6-04(B)	\square ZTA 1-6-04(B)		
correction of textual error	(0 day Notice)	(0 day Notice)		
Change Terms and Conditions, Introduce	\Box ATA 1-6-04(B)	\Box ATA 1-6-04(B)		
non-recurring service charges	(Auto 30 days)	(Auto 30 days)		
Introduce or Increase Late Payment or	□ ATA 1-6-04(B)	\Box ATA 1-6-04(B)		
Returned Check Charge	(Auto 30 days)	(Auto 30 days)		
Business Contract	□ CTR 1-6-17	□ CTR 1-6-17		
	(0 day Notice)	(0 day Notice)		
Withdrawal	□ ATW 1-6-12(A)	□ ATW 1-6-12(A)		
	(Non-Auto)	(Auto 30 days)		
Daiga the Cailing of a Data	Not Applicable	\square SLF 1-6-04(B)		
Raise the Ceiling of a Rate	Not Applicable	(Auto 30 days)		
Tier 2 Regulatory Treatment				
Residential - Introduce non-recurring service	□ TRF 1-6-05(E)	□ TRF 1-6-05(E)		
charges	(0 day Notice)	(0 day Notice)		
Residential - Introduce New Tariffed Tier 2	□ TRF 1-6-05(C)	□ TRF 1-6-05(C)	□TRF 1-6-05(C)	
Service(s)	(0 day Notice)	(0 day Notice)	(0 day Notice)	
Residential - Change Rates, Terms and	■ TRF 1-6-05(E)	\Box TRF 1-6-05(E)	\Box TRF 1-6-05(E)	
Conditions, Promotions, Withdrawal or	(0 day Notice)	(0 day Notice)	(0 day Notice)	
Textual Changes				
Residential - Tier 2 Service Contracts	□ CTR 1-6-17	□ CTR 1-6-17	□ CTR 1-6-17	
Residential - Tiel 2 Service Contracts	(0 day Notice)	(0 day Notice)	(0 day Notice)	
Commercial (Business) Contracts	Not Filed	Not Filed	Not Filed	
Business Services (see "Other" below)	Detariffed	Detariffed	Detariffed	1
Residential & Business Toll Services (see	Detariffed	Detariffed	Detariffed	1
"Other" below)				

Section I - Part II - Certificate Status and Procedural

Certificate Status	ILEC	CLEC	CTS	AOS/IOS
Certification (See Supplemental ACE form)		□ACE 1-6-10	□ACE 1-6-10	□ ACE 1-6-10
		(Auto 30 days)	(Auto 30 days)	(Auto 30 days)
Add Exchanges to Certificate	□ ATA 1-6-09(C)	□ AAC 1-6-10(F)	CLECs must attacl	n a current CLEC
	(Auto 30 days)	(0 day Notice)	Exchange Listing 1	Form
Abandon all Services - With Customers	□ ABN 1-6-11(A)	□ ABN 1-6-11(A)	□ ABN 1-6-11(B)	\square ABN 1-6-11(B)
	(Non-Auto)	(Auto 90 day)	(Auto 14 day)	(Auto 14 day)
Abandon all Services - Without Customers		□ ABN 1-6-11(A)	□ ABN 1-6-11(B)	\Box ABN 1-6-11(B)
		(Auto 30 days)	(Auto 14 day)	(Auto 14 day)
Change of Official Name (See below)	\square ACN 1-6-14(B)	□ ACN 1-6-14(B)	□ CIO <i>1-6-14(A)</i>	□ CIO 1-6-14(A)
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)	(0 day Notice)
Change in Ownership (See below)	\square ACO 1-6-14(B)	□ ACO <i>1-6-14(B)</i>	□ CIO <i>1-6-14(A)</i>	□ CIO <i>1-6-14(A)</i>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)	(0 day Notice) (
Merger (See below)	\Box AMT 1-6-14(B)	\Box AMT 1-6-14(B)	\square CIO 1-6-14(A) \square CIO 1-6-14(A)	
	(Auto 30 days)	(Auto 30 days)	(0 day Notice) (0 day Notice)	
Transfer a Certificate (See below)	\square ATC 1-6-14(B)	□ ATC 1-6-14(B)	□ CIO <i>1-6-14(A)</i>	□ CIO <i>1-6-14(A)</i>
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)	(0 day Notice)
Transaction for transfer or lease of property,	\Box ATR 1-6-14(B)	\Box ATR 1-6-14(B)	□ CIO 1-6-14(A)	\Box CIO 1-6-14(A)
plant or business (See below)	(Auto 30 days)	(Auto 30 days)	(0 day Notice) (0 day Notice)	
Procedural				
Designation of Process Agent(s)	□ TRF	□ TRF	□ TRF	□TRF
Designation of Frocess Agent(s)	(0 day Notice)	(0 day Notice)	(0 day Notice)	(0 day Notice)

Section II – Carrier to Carrier (Pursuant to 95-845-TP-COI), CMRS and Other

Carrier to Carrier	ILEC	CLEC		
Interconnection agreement, or amendment to	□ NAG	□ NAG		
an approved agreement	(Auto 90 day)	(Auto 90 day)		
Request for Arbitration	□ ARB	□ ARB		
Request for Arbitration	(Non-Auto)	(Non-Auto)		
Introduce or change c-t-c service tariffs,		□ ATA		
		(Auto 30 day)		
Introduce or change access service pursuant	□ ATA			
to 07-464-TP-COI	(Auto 30 day)			
Request rural carrier exemption, rural carrier	□ UNC	□ UNC		
suspension or modification	(Non-Auto)	(Non-Auto)		
Pole attachment changes in terms and	□ UNC	□ UNC		
conditions and price changes.	(Non-Auto)	(Non-Auto) (Non-Auto)		
	□ RCC		□ NAG	
CMRS Providers See 4901:1-6-15	[Registration & Chang	ge in Operations]	[Interconnection Agreement or	
	(0 day)	, i J	Amendment] (Auto	

Other* This filing makes various non-material textural changes to Part 20 Sections 5, 6, 7, 8, 9, 10, 15, 17, and 18 of Tariff No. 20 in a pre-detariffing clean-up effort and impacts tariff sheets with non-residential tier 2 services as well as residential tier 2 services.

All Section I and II applications that result in a change to one or more tariff pages require, at a minimum, the following exhibits. Other exhibits may be required under the applicable rule(s). ACN, ACO, AMT, ATC, ATR, and CIO applications see the 4901:1-6-14 Filing Requirements on the Commission's Web Page for a complete list of exhibits.

Exhibit	Description:
A	The tariff pages subject to the proposed change(s) as they exist before the change(s)
В	The Tariff pages subject to the proposed change(s), reflecting the change, with the change(s) marked in the right
	margin.
C	A short description of the nature of the change(s), the intent of the change(s), and the customers affected.
D	A copy of the notice provided to customers, along with an affidavit that the notice was provided according to the
	applicable rule(s).

^{*}NOTE: During the interim period between the effective date of the rules and an Applicant's Detariffing Filing, changes to existing business Tier 2 and all toll services, including the addition of new business Tier 2 and all new toll services, will be processed as 0-day TRF filings, and briefly described in the "Other" section above.

AFFIDAVIT

Compliance with Commission Rules and Service Standards

I am an officer/agent of the applicant corporation, AT&T Ohio

, and am authorized to make this statement on its behalf.

I attest that these tariffs comply with all applicable rules, including the Minimum Telephone Service Standards (MTSS) Pursuant to Chapter 4901:1-5 OAC for the state of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission's rules, including the Minimum Telephone Service Standards, as modified and clarified from time to time, supersede any contradictory provisions in our tariff. We will fully comply with the rules of the state of Ohio and understand that noncompliance can result in various penalties, including the suspension of our certificate to operate within the state of Ohio.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on December 17, 2007

at Cleveland, Ohio

*/s/ Maryann H. Mackey Sr. Director, Regulatory Affairs December 17, 2007

This affidavit is required for every tariff-affecting filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the
applicant.

VERIFICATION

I, Maryann H. Mackey verify that I have utilized the Telecommunications Application Form for Routine Proceedings provided by the Commission and that all of the information submitted here, and all additional information submitted in connection with this case, is true and correct to the best of my knowledge.

* /s/ Maryann H. Mackey Sr. Director, Regulatory Affairs

December 17, 2007

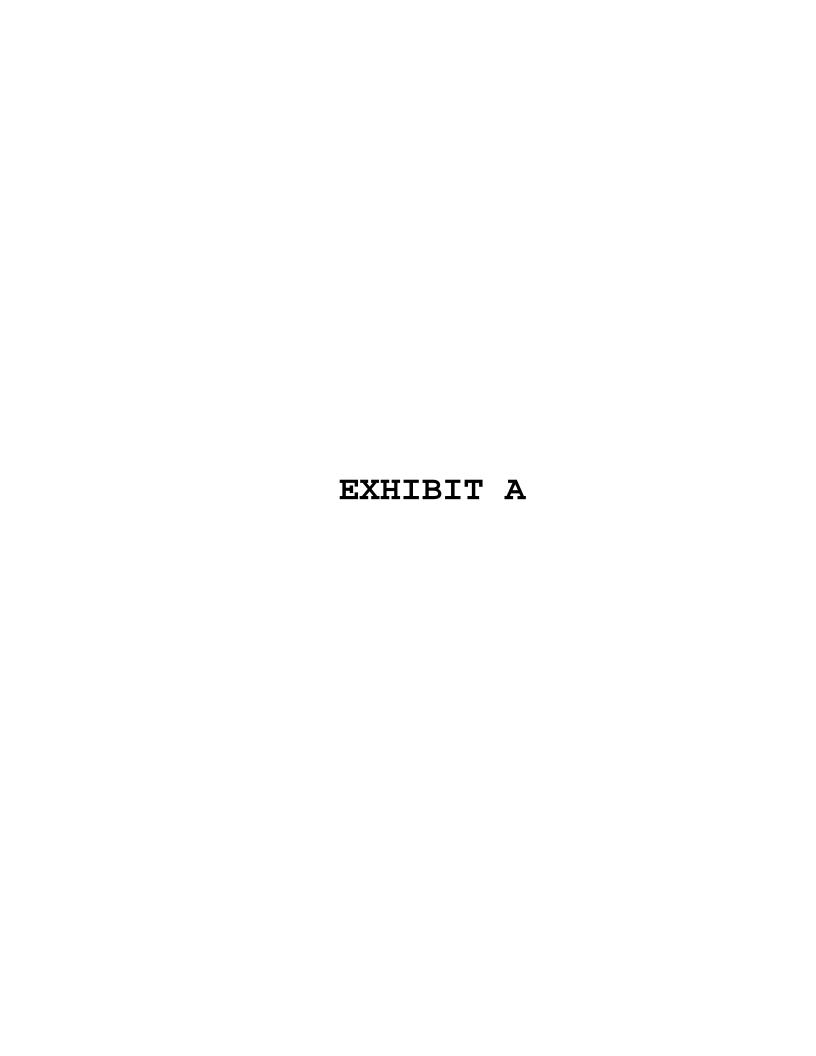
*Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.

Send your completed Application Form, including all required attachments as well as the required number of copies, to:

Public Utilities Commission of Ohio Attention: Docketing Division 180 East Broad Street, Columbus, OH 43215-3793

Oı

Make such filing electronically as directed in Case No 06-900-AU-WVR



THE OHIO BELL
TELEPHONE COMPANY

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 5

Tariff

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 1

1. CENTREX SERVICE

- A. Stations of Centrex Systems
 - 1. Monthly Rates
 - a. Regulations Governing Application of Monthly Rates
 - (1) End User common Line (EUCL) Parity Provisions are applicable only to Centrex CO 100 Service and Centrex CO Zone-Type I and II Service.
 - Note: The provisions in this paragraph describe the process by which the interstate End User charge is adjusted via a PBX Trunk Equivalency process. The resulting amount is then applied as an offset against the Centrex CO 100 and Centrex CO Zone-Type I and II Service intercommunication station rate.
 - (a) EUCL access charges for Centrex CO 100 Service and Centrex CO Zone-Type I and II Service main station lines are based on PBX trunk equivalents, i.e., by relating the number of main stations used by a Centrex CO 100 Service and Centrex CO Zone-Type I and II Service customer to the number of PBX trunks that would be required to serve that Centrex CO 100 Service and Centrex CO Zone-Type I and II Service customer's main station lines if he subscribed to a customer premises based switching system.
 - (b) The Telephone Company uses the same PBX trunk to station ratio to determine the appropriate EUCL access charge per Centrex CO 100 Service and Centrex CO Zone-Type I and II Service main station as is used to compute the exchange access portion of the Centrex CO 100 Service and Centrex CO Zone I and II Service main station line rates.

Material formerly appeared in Exchange and Network Services Tariff, Section 9, 1st Revised Sheet No. 10.1

Issued: October 2, 1995

Effective: October 2, 1995

In accordance with Case No. 95-815-TP-ATA, issued September 1, 1995.

THE OHIO BELL TELEPHONE COMPANY

Ameritech

Tariff

P.U.C.O. NO. 20 PART 20 SECTION 5

SECTION 5 - Centrex Services

PART 20 - Grandfathered Services

Sheet No. 2 Revision No. 1 Cancels Original Sheet No. 2

- 1. CENTREX SERVICE (Cont'd)
 - A. Stations of Centrex Systems (Cont'd)
 - Monthly Rates (Cont'd)
 - a. Regulations Governing Application of Monthly Rates (Cont'd) (1) (Cont'd)
 - (c) The Telephone Company will adjust its intercommunication station rates in the following manner:

Interstate EUCL Rate

Interstate EUCL Rate = Adjustment** PBX Trunk Equivalent* to Centrex CO 100

Service and

Centrex

CO Zone-Type I &

ΤT

Service Intercommunication Rate

Note: Effective January 9, 1995, the End User Common Line (EUCL) Parity Provision will no longer be applicable. The Parity Provision will continue to be used for those customers who are on a Centrex Variable Term Payment Plan (VTPP) contract, longer than month to month, on the aforementioned date, until the expiration of the VTPP contract. All Centrex customers whether or not under VTPP contract may retain or expand their Centrex systems until

(C) (C)

December 31, 1996.

Issued: January 9, 1996 Effective: January 9, 1996

In accordance with Case No. 96-14-TP-ATA, issued January 9, 1996.

By J. F. Woods, President, Cleveland, Ohio

^{*} PBX Trunk Equivalency Ratio: greater than 900 stations 10.3, less than 900 stations 7.8.

^{**} At no time will the adjustment to the Intercommunication Station Rate cause the rate to be below the intrastate cost of a Centrex CO 100 Service and Centrex CO Zone-Type I and II Service station. The adjustment will not exceed the Interstate EUCL rates of \$5.09.

THE OHIO BELL
TELEPHONE COMPANY

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P.U.C.O. NO. 20
PART 20 SECTION 5

Tariff

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 4

2. EXHIBITION HALL SERVICE

A. General

1. Exhibition Hall Service will be furnished to a public authority for the sole purpose of providing a telephone system for use in the managing and operating of a public auditorium or exhibition hall. The Telephone Company will also furnish stations on such telephone system to exhibitors who lease space in the public auditorium or exhibition hall.

(1) Exhibition Hall Service is provided on a detariffed basis except for management stations and exchange access.

Material formerly appeared in Exchange and Network Services Tariff, Section 9, 1st Revised Sheet No. 51

Issued: October 2, 1995

Effective: October 2, 1995

In accordance with Case No. 95-815-TP-ATA, issued September 1, 1995.

By J. F. Woods, President, Cleveland, Ohio

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 12

4. CENTREX LSI SERVICE

(N)

(N)

Effective January 9, 1995, no new installations of Centrex LSI Service will be made. Customers who are on a Centrex LSI contract on the aforementioned date, will be permitted to expand their system under the terms of their contract until the expiration of the LSI contract. All Centrex customers, whether or not under the LSI contract, may retain or expand their Centrex systems until December 31, 1996.

A. Centrex LSI Service

1. General

a. Centrex LSI Service, a local exchange telecommunication service, provides a voice and data communication capability offered from switching equipment located in Telephone Company central offices. The service provides for the transmission and switching of signals on an incoming, outgoing and intercommunicating basis.

Centrex LSI Service is offered as Centrex 100 LSI for customers requiring a total of 100 or less lines and Centrex II LSI for customers who require 100 or more lines.

Centrex LSI Service offerings are available only to those customers subscribing to Centrex LSI Service.

Centrex LSI Service requires Exchange Access arrangements as provided for in Part 20, Section 5 of the Ameritech Tariff

- b. Centrex LSI Service requires Local Service Increments (LSI) as provided for in Paragraph B. following. LSI used for Centrex LSI Service intercommunication purposes is an integral part of the Centrex LSI Service offering and is a local exchange telecommunication service.
- c. Centrex LSI Service provides the following capabilities as standard: $^{\prime 1\prime}$

Add-on Conferencing of All Calls (three way conferencing)

Centrex LSI Service line users may initiate or receive a call, initiate a second call and then bridge both calls together.

/1/ The availability and function of these capabilities may vary by serving central office.

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 14

4. CENTREX LSI SERVICE (cont'd)

(Д)

- A. Centrex LSI Service (cont'd)
 - General (cont'd)
 - c. Centrex LSI Service provides the following capabilities as standard: (cont'd)

Call Pickup

Call pickup allows a Centrex LSI Service line to dial a code to answer another line within a preset pick up group.

Call Waiting and Distinctive Call Waiting

Call waiting provides a tone signal to indicate to a busy Centrex LSI Service line that another call is trying to reach that line. Distinctive call waiting provides distinctive tones indicating the source of the calls. Call waiting may be provided as dial, originating and/or terminating. Call waiting terminating can be for incoming and/or intragroup calls.

Cancel Call Waiting

Allows the Centrex LSI Service line user to inhibit receipt of the call waiting or camp-on tone for the duration of a single call.

Consultation Hold of all calls

Centrex LSI Service line users may hold incoming or outgoing calls, initiate another call then return to the original call.

Denied Originating Line

Prohibits call originations from designated Centrex LSI Service lines.

Denied Terminating Line

Prohibits call completions to designated Centrex LSI Service lines.

<u>Dial Access to Private Facilities and Dedicated Interexchange</u> <u>Carrier Trunks</u>

The Centrex LSI Service system permits dial access to such facilities as tie lines, telecommunication channel services, private switched network lines, and dedicated Interexchange Carrier (IXC) access lines. A private facility terminating arrangement is required at the rates specified in this Section 5 of Part 20 of the Ameritech Tariff.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 5



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 17

4. CENTREX LSI SERVICE (cont'd)

(月)

(N)

- A. Centrex LSI Service (cont'd)
 - General (cont'd)
 - c. Centrex LSI Service provides the following capabilities as standard: (cont'd)

One listing in the Alphabetical Directory of the name, address and main telephone number of the customer.

Speed Calling

Provides abbreviated dialing of local exchange and toll calls. available, a Centrex LSI Service line user may have up to seventy (70) numbers in a speed calling list.

Touch-tone Equipped Telephone Lines

All Centrex LSI Service lines are equipped to provide push button dialing.

Uniform Call Distribution Without Queuing

UCD is a service which evenly distributes incoming calls to a group of Centrex LSI lines. Provisions of the service is subject to the availability of the necessary central office equipment. The customer shall subscribe to a sufficient number of lines equipped with UCD so that no more than 10% of the calls attempting to terminate shall fail to complete in any customer busy hour during 25 days out of a 30 consecutive day study period. Call volume studies will be conducted by the Telephone Company as it deems necessary. Queuing and Delay Announcement are provided as optional features in 8. following.

d. The following capabilities are provided with attendant lines: 11/

Attendant Call Park

Allows the attendant to park calls against any directory number in the attendant customer group. The parked call may be retrieved from any station by dialing the feature access code for retrieval plus the directory number. The attendant may also retrieve calls parked by stations and by the attendants.

/1/ The availability and function of these capabilities may vary by serving central office.

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 21

4. CENTREX LSI SERVICE (cont'd)

(月)

- A. Centrex LSI Service (cont'd)
 - General (cont'd)
 - e. Electronic Key Line

Electronic key lines are designed specifically for access by preprogrammed push-button features on a compatible customer-provided electronic business telephone set. Technical specifications and imitations for compatible telephone sets can be found in the various Technical References referred to in Paragraph A.3.d. following.

- A feature of the electronic key line allows a single line number to have multiple appearances on compatible customer-provided telephone sets.
- f. High Speed Data Lines

High speed data lines are designed for direct switched digital data capabilities over a 2- or 4-wire facility within the same customer group. High speed data lines will offer full duplex asynchronous transmission at rates from 300 bps through 19.2 kbps and full duplex synchronous transmission at rates from 1200 bps through 19.2 kbps or 48, 56 and 64 kbps.

High speed data lines support coax elimination on 3270 type terminals and cluster control units. High speed data lines may be interworked with Public Switched Digital Service (PSDS).

High speed data lines may be provided access to a 1.544 mbps trunk module interface for High Capacity, point-to-point communication with host computers. See this Section 5 of Part 20 of the Ameritech Tariff.

High speed data lines can be used to communicate over analog facilities through modem pools. Pools for inbound and outbound calling can be established.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 7



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 22

4. CENTREX LSI SERVICE (cont'd)

(月)

- A. Centrex LSI Service (cont'd)
 - 1. General (cont'd)
 - f. High Speed Data Lines (cont'd)

High speed data lines include the following capabilities as standard:

- Direct Inward Dialing
- Direct Outward Dialing
- Intercommunication within the same customer group
- Automatic Callback Calling
- Call Diverting
- Denied Originating Line
- Denied Terminating Line
- Dial Access to Modem Pools
- Direct Connect Originating and Terminating
- Disconnect Timeout
- Hunting
- No Double Connect
- Speed Calling

Technical specifications and limitations for compatible telephone sets can be found in the various Technical References referred to in Paragraph A.3.d following.

g. Hot Spare Lines

Centrex LSI Service lines may be obtained on a standby, hot spare basis. Although hot spare lines are fully connected and wired as part of the Centrex LSI Service system, they are not able to originate or receive any calls. All Centrex LSI Service lines may be activated to working line status or deactivated to hot spare status as required by the customer. Activation of hot spare lines and deactivation of working lines requires the use of the Centrex-Mate feature provided in this Section 5 following.

For billing purposes only, one activation of hot spare lines or deactivation of working lines will be recognized within the same billing period.

Sufficient Exchange Access and Transport Arrangements as provided in this Section 5 of Part 20 of the Ameritech Tariff and Paragraph B following, are required for both working and hot spare lines.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 23

4. CENTREX LSI SERVICE (cont'd)

(月)

- A. Centrex LSI Service (cont'd)
 - 1. General (cont'd)
 - h. Programming Charges

The Ohio Bell Telephone Company will install new Centrex LSI Service systems without activating those capabilities, which can be activated by the Centrex-Mate feature. Customers who are converting from Centrex CO, Centrex 100 LSI or Centrex Zone Service to Centrex LSI Service will have all line features associated with their Centrex lines automatically programmed to their respective Centrex LSI Service lines. Additional feature implementation will be the customer's responsibility. However, at the customer's option, the Telephone Company will program Centrex-Mate features according to the following schedule of charges:

Description /Billing Code/

Nonrecurring Charge

Program Change Charge, per Centrex LSI Service line programmed /C3CSC/

\$42.00

The customer is responsible for providing all of the necessary line information required by the Telephone Company to program each Centrex LSI Service line with the requested capabilities. In the event that the customer requests the Telephone Company to determine individual line information, the Telephone Company will do so at the following rate:

Description /Billing Code/

Nonrecurring Charge

Station Review Charge, per Centrex LSI Service Line /CGY/

5.00

i. Descriptions, rates and charges for optional features and capabilities are found in 8. following.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 9



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 24

4. CENTREX LSI SERVICE (cont'd)

(Д)

- A. Centrex LSI Service (cont'd)
 - 2. Availability of Centrex LSI Service

The service is furnished subject to the availability of the necessary switching and control equipment and the execution of a mutually acceptable agreement. Variations in the switching and control equipment used may cause differences in the operation or availability of certain features. Such variations shall not be deemed or construed to be a breach of any agreement entered into for Centrex LSI Service. Centrex LSI Service will be provided where facilities permit and where capacity is available.

3. Regulations

- a. Service and Equipment Charges as provided for in Part 3, Section 1 of the Ameritech Tariff are applicable.
- b. Centrex LSI Service rates and charges apply to intercom and transport arrangements only. Exchange access is provided through rates and charges in this Section 5 of Part 20 of the Ameritech Tariff.
- c. Temporary suspension of service as described in Part 2, Section 1 of the Ameritech Tariff is not permitted.
- d. Centrex LSI Service requires the use of customer premises equipment. Customer premises equipment associated with Centrex LSI Service is subject to the limitations specified in the following Technical References:

Line Type	Technical Reference	Source
Electronic Key	AM-TR-NPL-850004	Ameritech
Data	AM-TR-NPL-850004	Ameritech
Attendant	AM-TR-NPL-850004	Ameritech

Technical References may be obtained from:

Assistant Manager-Information Release Ameritech Services, Inc. 3040 Salt Creek Lane 3-27 Arlington Heights, Illinois 60005

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 25

4. CENTREX LSI SERVICE (cont'd)

(月)

- A. Centrex LSI Service (cont'd)
 - Regulations (cont'd)
 - e. The Telephone Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Telephone Company utilized in the provision of Centrex LSI Service render any facilities provided by the customer obsolete or require modification or alteration of such equipment or systems or otherwise affect its use or performance.
 - f. Centrex LSI Service may be resold or shared under the provisions in Part 2, Section 2 of the Ameritech Tariff. Measured service rates apply. The customer of record shall be responsible for all recurring and nonrecurring rates and charges as well as local and toll usage billed by the Telephone Company to any Centrex LSI Service line in the system.
 - 4. Service Establishment Charge
 - a. A Service Establishment Charge is applicable to the establishment of any new Centrex LSI Service, except for customers converting from Centrex Services. A service establishment charge(s) applies to any relocation of an entire Centrex LSI Service unless the customer's relocation is within the serving central office boundary. The service establishment charge does not apply to additions (within station capacities of a system as previously defined in A.1.a.) to an existing Centrex LSI Service System.
 - b. The Nonrecurring Charges (NRCs) associated with Centrex LSI Service may be paid in full with the first bill after cutover of the system or may be financed under the provisions of the Deferred Payment of Variable Term Payment Plan as specified in Part 2, Section 3 of the Ameritech Tariff.

(N)

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Original Sheet No. 26

4. CENTREX LSI SERVICE (cont'd)

(内)

- A. Centrex LSI Service (cont'd)
 - 5. Variable Term Payment Plan
 - a. The Variable Term Payment Plan regulations provided in Part 2, Section 3 of the Ameritech Tariff apply except as noted below.
 - b. The contract period for Centrex LSI Service voice lines, electronic key lines and high speed data lines furnished under this plan is the service period for which the customer contracts to pay the monthly rates for such lines. Subject to the provisions of Paragraphs (1) and (2) following, for the duration of the contract period, customers will assume the obligation for a minimum of 70 percent of the total number of all lines in service at the time such customer enters the contract. A customer who reduces such lines below the 70 percent commitment has the following options for the duration of the contract period:
 - Continue to pay an amount equal to the monthly rates for 70 percent of the lines in service at the time such customer entered into the contract; or
 - Pay termination charges as covered in Paragraph A.5.e. following on the number of station lines below the 70 percent commitment which are disconnected and continue to pay only for the actual number of station lines in service.
 - c. Upgrades from Centrex Service

Customers with Centrex CO, Centrex 100 or Centrex Zone Service, hereinafter collectively referred to as Centrex Service, may upgrade their service to Centrex LSI Service subject to the availability of switching equipment.

• Centrex customers who convert to Centrex LSI Service will be liable for Centrex termination charges only in the event that they disconnect or decrease the number of lines in the Centrex LSI Service below the limit associated with the Centrex contract prior to the expiration date of the original contract.

(N)

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Original Sheet No. 27

4. CENTREX LSI SERVICE (cont'd)

(以)

- A. Centrex LSI Service (cont'd)
 - 5. Variable Term Payment Plan (cont'd)
 - d. Conversions from Centrex 100 LSI Service to Centrex II LSI Service
 - Customers with Centrex 100 LSI Service may convert to Centrex II LSI Service, subject to the availability of switching equipment.
 - Installation, service establishment, service ordering and other nonrecurring charges will apply for newly installed items of service.
 - If the Centrex 100 LSI Service service establishment charge has been satisfied, the service establishment charge for the conversion to the Centrex II LSI Service will be the difference between the current Centrex II LSI Service and the current Centrex 100 LSI Service service establishment charges.

e. Termination Charges

If the contract is canceled in whole or part by the customer or is terminated for cause by the Telephone Company prior to expiration of the 36, 60, 84 or 120 month payment period, the customer shall be required to pay to the Telephone Company a sum determined by the application of the following formula for voice lines, electronic key lines and high speed data lines, hereinafter referred to as line(s), in this paragraph:

# of lines Below) X	Monthly Rate	X	# of Months)
the 70% Level of)	(Exchange Access and		Remaining In)
Commitment)	LINE Rate)		Contract)
Disconnect)			

- f. The End User Common Line (EUCL) Parity Provision set forth in Part 20, Section 5 of the Ameritech Tariff applies to Centrex 100 LSI and Centrex II LSI.
- g. The customer shall not assign or otherwise transfer its rights or obligations under any Centrex arrangement provided under this tariff without prior written consent of Ameritech. Such consent will not be unreasonably withheld or delayed. Any provisions to the contrary found elsewhere in the Ameritech Tariff P.U.C.O. No. 20 or this Tariff are superseded.

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Original Sheet No. 28

4. CENTREX LSI SERVICE (cont'd)

(N)

- A. Centrex LSI Service (cont'd)
 - 6. Centrex 100 LSI Rates and Charges Centrex 100 LSI is a charging plan designed for customers requiring 100 or less Centrex LSI Service lines

Centrex 100 LSI Rates and Charges

Service Establishment Charge \$800.00

Description /Billing Code/	Non- recurring Charge	Variable 36 Month	e Term Opt: 60 Month	ion Monthly 84 Month	Rates ^{/1/} 120 Month
Centrex 100 LSI lines, including fully restricted lines					
Voice Line, each - with feature activation /RXRTT/ ^{2/} - without feature activation /RXRTT/ ^{2/}	\$ 54.00 12.00	\$ 12.95 12.95	\$ 11.95 11.95	\$ 11.95 11.95	\$ 11.95 11.95
Electronic key line Service Establishment Charge, - per occasion per line /RRX3//2/	150.00 54.00	- 16.95	- 15.70	15.45	15.20
High speed data line, each /RDDX2/ ^{2/}	350.00	22.45	21.10	20.60	20.10
Attendant line, each /FZD1X/ ² /	2,500.00	315.00	300.00	295.00	290.00
Supplemental telephone numbers associated with the system, each /MA6/	-	. 25	. 25	. 25	. 25

^{/1/} No message allowance is provided. The message or measured usage charges as specified in Part 4, Section 2 of the Ameritech Tariff are applicable.

/2/ Additional codes appear in departmental practice.

(N)

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Original Sheet No. 29

4. CENTREX LSI SERVICE (cont'd)

(N)

(1/1)

- A. Centrex LSI Service (cont'd)
 - 6. Centrex 100 LSI Rates and Charges Centrex 100 LSI is a charging plan designed for customers requiring 100 or less Centrex LSI Service lines (cont'd)

Centrex 100 LSI Rates and Charges (cont'd)

	Non-	Non- Variable Term Option Monthly Rates ¹¹			
Description	recurring -	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Centrex 100 LSI lines, including fully restricted lines (cont'd)					
Hot spare voice line, each /HSP/	\$ 12.00	\$.85	\$.70	\$.60	\$.50
Hot Spare electronic key line Service					
Establishment Charge ² , - per occasion per line /HSPX3/	150.00 ^{/2/}	-	-		
	54.00	3.10	2.95	2.85	2.75
Hot spare data line,					
each /HSQX2/	350.00	4.10	3.95	3.85	3.75

7. Centrex II LSI Service

- a. Centrex II LSI is a system designed to provide features and capabilities for customers requiring 100 or more Centrex LSI Service lines.
- /1/ No message allowance is provided. The message or measured usage charges as specified in Part 4, Section 2 of the Ameritech Tariff are applicable.
- /2/ Hot spare electronic key line Service Establishment Charge is not applicable when installed on the same occasion as the electronic key line.

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Original Sheet No. 30

4. CENTREX LSI SERVICE (cont'd)

(N)

- A. Centrex LSI Service (cont'd)
 - 7. Centrex II LSI Service (cont'd)
 - b. Centrex II LSI provides the following capabilities as standard, in addition to those capabilities described in 1.c. preceding:
 - Multi-port conferencing

Centrex II LSI lines may initiate conference calls involving up to six Centrex II LSI lines within the same system and/or received from or placed on the local message and toll network or over private facilities.

c. Centrex II LSI Rates and Charges

Description				Nonrecurr	ing Charge
Service Establish	ment Charge,	per Syst	em	\$1,000	0.00
	Non-	Variabl	e Term Op	tion Monthl	y Rates ^{/1/}
Description	recurring	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Centrex II LSI lines including fully restricted lines					
Voice Line, each - with feature activation /RXRTT ^{/2/}	\$ 54.00	\$ 6.80	\$ 6.40	\$ 6.40	\$ 6.40
 without feature activation /RXRTT^{/2/} 	12.00	6.80	6.40	6.40	6.40
Electronic key line Service Establishment Charge,	150.00	_	_		
- per occasion per line $/RRX3/^{/2/}$	54.00	10.80	10.15	9.90	9.65
		_,		_	_

^{/1/} No message allowance is provided. The message or measured usage charges as specified in Part 4, Section 2 of the Ameritech Tariff are applicable.

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^{/2/} Additional codes appear in departmental practice.

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Original Sheet No. 31

4. CENTREX LSI SERVICE (cont'd)

(月)

- A. Centrex LSI Service (cont'd)
 - 7. Centrex II LSI Service (cont'd)
 - c. Centrex II LSI Rates and Charges (cont'd)

	Non-	Variabl	e Term Opti	ion Monthl	y Rates ^{/1/}
Description	Recurring	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Centrex II LSI lines including fully restricted lines (cont'd)					
High speed data line, each /RDDX2/ ^{/2/}	\$ 350.00	\$ 16.30	\$ 15.55	\$ 15.05	\$ 14.55
Attendant line, each /FZD1X/ ^{/2/}	2,500.00	315.00	300.00	295.00	290.00
Supplemental telephone numbers associated with the system, each /MA6/	-	. 25	.25	. 25	. 25
Hot spare voice line, each /HSP/	12.00	.85	.70	.60	.50
Hot Spare electronic key line Service	150.00 ^{/3/}				
Establishment Charge, - per occasion per line /HSPX3/	54.00	3.10	2.95	2.85	2.75
Hot spare data line, each $/\mathrm{HSQX2}/^{2/}$	350.00	4.10	3.95	3.85	3.75

^{/1/} No message allowance is provided. The message or measured usage charges as specified in Part 4, Section 2 of the Ameritech Tariff are applicable.

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^{/2/} Additional codes appear in departmental practice.

^{/3/} Hot spare electronic key line Service Establishment Charge is not applicable when installed on the same occasion as the electronic key line.



SECTION PART 20

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Original Sheet No. 32

4. CENTREX LSI SERVICE (cont'd)

(月)

(N)

- A. Centrex LSI Service (cont'd)
 - 8. Centrex LSI Service Optional Features and Capabilities

In addition to those features, described in 1.c. and 7.b. preceding, provided as standard with Centrex LSI Service, additional features may be added individually or in groups.

There is no minimum number of individual features or groupings that must be obtained, unless specified by the feature.

- a. Uniform Call Distribution With Queue
 - (1) General
 - (a) Lines equipped with UCD may also be equipped with queuing. Queuing provides for incoming calls in excess of available lines to be held at the central office awaiting completion to the first available line. Each call that is held requires a queue slot.
 - (b) Incoming facilities may include the message network, dial type private line terminations, foreign exchange lines, foreign central office lines and Inward WATS lines. Each call that is held requires a queue slot. Appropriate terminating arrangement charges apply for incoming facilities terminated. Specific types of terminating arrangements are covered in this Section 5 of Part 20 of the Ameritech Tariff

Queuing is provided equal to one queue slot for each incoming facility. The number of message network facilities is established by Network Call Limiters.

(c) Rates and Charges

	Non- Variable Term Option Monthly Rates				
Description	Recurring	36	60	84	120
/Billing Code/	Charge ^{/1/}	Month	Month	Month	Month
Queue slot, each /A83RA/	\$ 80.00	\$ 1.05	\$ 1.00	\$.95	\$.90
Delay announcement circuit, each /A8GCE/	120.00	273.00	260.00	255.00	251.00

/1/ Not applicable on conversions from Centrex Service if feature is working at time of conversion.

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Original Sheet No. 34

4. CENTREX LSI SERVICE (cont'd)

(内)

- A. Centrex LSI Service (cont'd)
 - 8. Centrex LSI Service Optional Features and Capabilities (cont'd)
 - b. Automatic Route Selection Deluxe (cont'd)
 - (2) Definitions (cont'd)

Code

Refers to either the Numbering Plan Area (NPA) code of the dialed telephone number or the Central Office code (NNX) within a NPA.

Pattern

A unique sequence of routes arranged in order of choice by the customer and used to reach a specific area code, i.e., NPA code(s) and/or area and office code(s). Note: separate pattern charges as defined in (4) following for each pattern in each NPA is also charged when six-digit routing is required.

- (3) Regulations
 - (a) All route and pattern assignments will be designated by the customer.
 - (b) The customer is responsible for notifying the Telephone Company of any changes required in the customer's ARS-D/EARS-D feature configuration.
 - (c) All rates and charges for ARS-D/EARS-D are in addition to the rates and charges for the associated facilities and terminating arrangements.
 - (d) All patterns must have either the MTS network, overflow tone or announcement as a final route. A combination of both within the same pattern group, that is, a group of patterns accessed by one code is not permitted.
 - (e) The non-MTS network routes to be accessed via ARS-D/EARS-D may be selected from the following: FX lines, Outward WATS access lines, announcement trunks, CCSA off-net access lines, and the tie lines meeting the requirements of (f) following.

(N)

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Original Sheet No. 35

4. CENTREX LSI SERVICE (cont'd)

(月)

- A. Centrex LSI Service (cont'd)
 - 8. Centrex LSI Service Optional Features and Capabilities (cont'd)
 - b. Automatic Route Selection Deluxe (cont'd)
 - (3) Regulations (cont'd)
 - (f) Tie Lines or tie line groups must utilize senderized operation and must have a dialing pattern consistent with that used on the MTS network.
 - (g) Patterns may be arranged for a maximum of ten routes with final route being either to the MTS network, to overflow tone or to announcement channel. (Fixed WATS route advances from WATS facilities accessed via ARS-D/EARS-D do not count as additional routes.)
 - (h) Call Diverting Service may be applied to lines having access to ARS-D/EARS-D patterns which have a final route to the MTS network.
 - (i) Patterns without final route to the MTS network may be offered only if a customer subscribes to a sufficient number of facilities which, in the judgment of the Telephone Company, provide an adequate level of service so as to avoid interfering with the service of others or to prevent others from making or receiving calls over their telephone service.
 - (j) The same patterns may be duplicated to access various NPA codes and/or area(s) and office codes(s).

(4) Rates

	Install-	Variab	ole Term Op	tion Month	lly Rates	
Description	ation	36	60	84	120	_
/Billing Code/	Charge ^{/1/}	Month	Month	Month	Month	_
Common equipment - per access group /ASH/ - per Centrex LSI	\$450.00	\$495.00	\$475.00	\$466.00	\$458.00	
Service Line	_	1.00	.95	.90	.85	(N)

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Original Sheet No. 36

4. CENTREX LSI SERVICE (cont'd)

(月)

- A. Centrex LSI Service (cont'd)
 - 8. Centrex LSI Service Optional Features and Capabilities (cont'd)
 - c. Station Message Detail Recording to Premises for Centrex LSI Service
 - (1) General
 - (a) Station Message Detail Recording to Premises (SMDR-P) transmits a record to a customer-provided applications processor or storage device located at the customer's premises of all calls originating from Centrex LSI Service lines to locations outside the same Centrex LSI Service system. Each record will consist of the calling number, the called number, date, time-of-day, duration of call and the type of facility used. Facility groups may also be designated as requiring originating and/or terminating records. Availability is subject to serving central office capability. Available with SMDR-P is the following option:

Account Codes - allow a station user to prefix a called number with an account number which is not used during call processing but is included in the message detail record of the call for later use by the customer. $^{\prime1\prime}$

- (b) SMDR-P is not represented to be a provision of billing detail.
- (c) SMDR-P records are transmitted to terminal equipment located at the customer's premises at the rates and charges specified in (a) following.
- (d) SMDR-P is furnished only on Centrex LSI Systems equipped with ARS-D/EARS-D.
- (e) Processing of SMDR-P records by the Telephone Company accounting center is not provided with this arrangement.
- (f) The customer must designate all lines and/or selected facility groups on which SMDR-P originating and terminating records are to be provided.
- /1/ Customers having EARS-D will be required to use # or * as the lead account code digit. Otherwise the account code would be treated as the called number.

(N)

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Original Sheet No. 37

4. CENTREX LSI SERVICE (cont'd)

- A. Centrex LSI Service (cont'd)
 - 8. Centrex LSI Service Optional Features and Capabilities (cont'd)
 - c. Station Message Detail Recording to Premises for Centrex LSI Service (cont'd)
 - (1) General (cont'd)
 - (g) Additions or deletions of SMDR-P recordings are provided by Telephone Company service orders.
 - (h) Where SMDR-P is provided, a detailed record will normally be made for each completed call. At the option of the customer, arrangements can be made to provide records of calls attempted as well as calls completed. Under certain exceptional conditions, with SMDR-P, calls may be processed without recording the call detail.
 - (2) Rates

	Non-	Variabl	e Term Opt	tion Monthl	ly Rates
Description	Recurring	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Central Office common					
equipment /MDR/	\$200.00	\$47.00	\$45.00	\$44.00	\$43.00

In addition, one data set and an associated data channel are required.

Description /Billing Code	Nonrecurring Charge /1/
Account codes, SMDR-P record-change from recording completed calls only to all calls attempted or vice versa per system /RCHMG/	\$40.00
Change in status of all station lines or an individual facility from "records - not required" to "records - required" /RCHMD/	40.00

/1/ Not applicable on conversion from Centrex Service if feature is working at time of conversion.

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PART 20 SECTION

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Original Sheet No. 41

4. CENTREX LSI SERVICE (cont'd)

(以)

- B. Local Serving Increments (LSI)
 - 1. Regulations
 - a. Each customer's location is connected to the Telephone Company's central office by means of LSI.

The use of these arrangements is limited to those services provided for in this Section whose regulations permit their use. As such, LSI are only offered in connection with those services.

LSI's are not taxable.

b. LSI's are provided on a one facility pair-at-a-time basis, or in the following complements:

100	pair	900	pair
200	pair	1200	pair
300	pair	1500	pair
400	pair	1800	pair
600	pair	2100	pair

A given size complement will be provided only if the number of lines at a location is one more than the next smaller size complement.

c. LSI's are available on a contract basis only. The contract periods are 3 years, 5 years, 7 years and 10 years.

LSI's leased on a pair-at-a-time basis, subject to the provisions of Paragraph e. following, require the assumption of an obligation to pay the monthly rates for a minimum of 70 percent of the pair-at-atime LSI in service at the time a customer enters into a contract. A customer who reduces the pair-at-a-time LSI below the 70 percent commitment has the following options for the duration of the contract period:

- Continue to pay an amount equal to the monthly rates for 70 percent of the pair-at-a-time LSI in service at the time such customer entered into the contract, or
- Pay termination charges as covered in Paragraph e. following on the number of pair-at-a-time LSI below the 70 percent commitment which are disconnected and continue to pay only for the actual number of pair-at-a-time LSI in service.

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Original Sheet No. 42

4. CENTREX LSI SERVICE (cont'd)

(N)

- B. Local Serving Increments (LSI) (cont'd)
 - 1. Regulations (cont'd)
 - c. (cont'd)

The monthly rate under the 3, 5, 7 or 10 year contract for LSI will not be subject to Telephone Company initiated increases.

The Telephone Company will provide notice of termination to the customer in writing at least 60 days before the expiration of the existing contract. At this time, the customer will have the opportunity to extend the existing contract for one additional period not to exceed the original contract life at a rate not to exceed a 15% monthly rate increase for a 3 year contract; 20% monthly rate increase for a 5 year contract or enter into a new contract or automatically revert, upon expiration of the existing contract, to the then current monthly rate of the appropriate Centrex service in Part 5 of the Ameritech Tariff.

- d. If during a contract period additional LSI are required, they may be obtained either on a pair-at-a-time basis, by upgrading to a larger sized complement or by adding an additional complement. Termination charges are not applicable to upgrades.
- e. If the customer elects to terminate the contract or it is terminated for cause by The Telephone Company prior to the expiration of the 36, 60, 84 or 120 month payment period, the customer shall be required to pay a sum determined by the application of the following formulas:

Pair-At-A-Time LSI

LSI Complements

```
Monthly Rate for LSI ) # of Months Remaining)
Complement ) X 70% ) x in contract ) (N)
```

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Original Sheet No. 43

4. CENTREX LSI SERVICE (cont'd)

(月)

- B. Local Serving Increments (LSI) (cont'd)
 - 1. Regulations (cont'd)
 - f. If the customer downgrades or reduces from a larger to a smaller complement size, termination charges are calculated as follows:
 - Subtract the monthly rate for the smaller pair complement from the monthly rate for the larger.
 - If the remainder is a positive number, multiply by 70% and the number of months remaining in the contract.
 - If the remainder is zero or a negative number, the termination charge is zero.
 - g. When the number of lines at a location drops below the next smaller complement plus one and there is no termination charge, the customer must downgrade to the smaller complement.
 - h. Resale and Sharing of LSI.

LSI may be resold or shared.

The customer of record shall be responsible for recurring and nonrecurring charges associated with the provision of this service and, in the event of termination of service, the appropriate termination charge.

- i. The provisions of Part 2, Section 2 of the Ameritech Tariff regarding Cancellation of Application for Service Prior to Establishment of Service are applicable.
- j. Changes in responsibility for payment for service, i.e., change of lessee, as provided in Part 2, Section 2 of the Ameritech Tariff, is permissible.

(N)

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Original Sheet No. 44

4. CENTREX LSI SERVICE (cont'd)

(月)

(1/1)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates
 - a. Local Serving Increments/Pair-at-a-Time

	Variab	le Term Opt	tion Month	ly Rates
Description /Billing Code/	36 Month	60 Month	84 Month	120 Month
One Local Serving Increment Pair, per pair /1GV/	\$9.30	\$9.30	\$9.30	\$9.30

- b. LSI Pair Complements
 - (1) The rates for LSI pair complements are dependent upon the cable feet distance of the customer's location from the normal serving central office, contract duration and complement size.

	Varil	ole Term Opt	ion Monthly	Rates
Description	36 Month	60 Month	84 Month	120 Month
(a) Complement 100 Pair Mileage				
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
up to 0.50	44.00	42.00	40.00	39.00
up to 0.75	172.00	163.00	159.00	137.00
up to 1.00	295.00	279.00	272.00	229.00
up to 1.25	413.00	391.00	391.00	318.00
up to 1.50	527.00	499.00	487.00	405.00
up to 1.75	639.00	604.00	590.00	489.00
up to 2.00	748.00	707.00	690.00	571.00
up to 2.25	856.00	809.00	789.00	652.00
up to 2.50	NA	909.00	887.00	732.00
up to 2.75	NA	NA	NA	810.00
up to 3.00	NA	NA	NA	895.00

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4. CENTREX LSI SERVICE (cont'd)

(加)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Varible Term Option Monthly Rates			
Description	36 Month	60 Month	84 Month	120 Month
(b) Complement 200				
Pair Mileage				
rair mreage				
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
up to 0.50	0.00	0.00	0.00	0.00
up to 0.75	197.00	186.00	182.00	162.00
up to 1.00	395.00	373.00	365.00	311.00
up to 1.25	586.00	554.00	540.00	455.00
up to 1.50	770.00	728.00	711.00	595.00
up to 1.75	951.00	899.00	877.00	731.00
up to 2.00	1,127.00	1,066.00	1,040.00	864.00
up to 2.25	1,301.00	1,230.00	1,200.00	995.00
up to 2.50	1,471.00	1,391.00	1,358.00	1,124.00
up to 2.75	1,640.00	1,550.00	1,513.00	1,251.00
up to 3.00	1,821.00	1,722.00	1,680.00	1,387.00
up to 3.25	NA	NA	1,858.00	1,532.00
up to 3.50	NA	NA	NA	1,678.00
up to 3.75	NA	NA	NA	1,823.00
c) Complement 300				
Pair Mileage				
up to 0.25	0.00	0.00	0.00	0.00
up to 0.50	0.00	0.00	0.00	0.00
up to 0.75	191.00	181.00	176.00	164.00
up to 1.00	454.00	429.00	419.00	362.00
up to 1.25	706.00	667.00	651.00	553.00
up to 1.50	951.00	899.00	877.00	737.00
up to 1.75	1,190.00	1,125.00	1,098.00	918.00
up to 2.00	1,423.00	1,346.00	1,314.00	1,094.00

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Original Sheet No. 46

4. CENTREX LSI SERVICE (cont'd)

(加)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

(c) Complement 300 Pair Mileage (cont'd) up to 2.25		Varible Term Option Monthly Rates				
Mileage (cont'd) up to 2.25	Description	36 Month	60 Month	84 Month	120 Month	
up to 2.50 1,879.00 1,777.00 1,734.00 1,438.00 up to 2.75 2,102.00 1,987.00 1,939.00 1,606.00 up to 3.00 2,342.00 2,214.00 2,161.00 1,787.00 up to 3.25 2,597.00 2,455.00 2,396.00 1,979.00 up to 3.50 NA 2,696.00 2,631.00 2,171.00 up to 3.75 NA NA NA 2,364.00 up to 4.00 NA NA NA 2,556.00 up to 4.25 NA NA NA NA 2,748.00 (d) Complement 400 Pair Mileage Up to 0.25 0.00 0.00 0.00 0.00 0.00 up to 0.50 0.00 0.00 0.00 0.00 0.00 up to 0.75 170.00 161.00 152.00 149.00 up to 1.00 483.00 457.00 446.00 391.00 up to 1.50 1,090.00 1,031.00 1,006.00 849.00 up to 1.75 1,382.00 1,306.00 1,275.00 1,069.00 up	· · ·					
Wileage up to 0.25 0.00 0.00 0.00 0.00 up to 0.50 0.00 0.00 0.00 0.00 up to 0.75 170.00 161.00 152.00 149.00 up to 1.00 483.00 457.00 446.00 391.00 up to 1.25 791.00 748.00 730.00 624.00 up to 1.50 1,090.00 1,031.00 1,006.00 849.00 up to 1.75 1,382.00 1,306.00 1,275.00 1,069.00 up to 2.00 1,667.00 1,576.00 1,538.00 1,285.00 up to 2.75 2,223.00 2,102.00 2,051.00 1,704.00 up to 3.00 2,788.00 2,636.00 2,573.00 2,130.00 up to 3.25 3,099.00 2,930.00 2,859.00 2,365.00 up to 3.50 3,410.00 3,224.00 3,146.00 2,600.00	up to 2.50 up to 2.75 up to 3.00 up to 3.25 up to 3.50 up to 3.75 up to 4.00	1,879.00 2,102.00 2,342.00 2,597.00 NA NA	1,777.00 1,987.00 2,214.00 2,455.00 2,696.00 NA NA	1,734.00 1,939.00 2,161.00 2,396.00 2,631.00 NA NA	1,438.00 1,606.00 1,787.00 1,979.00 2,171.00 2,364.00 2,556.00	
up to 0.50 0.00 0.00 0.00 0.00 up to 0.75 170.00 161.00 152.00 149.00 up to 1.00 483.00 457.00 446.00 391.00 up to 1.25 791.00 748.00 730.00 624.00 up to 1.50 1,090.00 1,031.00 1,006.00 849.00 up to 1.75 1,382.00 1,306.00 1,275.00 1,069.00 up to 2.00 1,667.00 1,576.00 1,538.00 1,285.00 up to 2.25 1,947.00 1,841.00 1,797.00 1,496.00 up to 2.50 2,223.00 2,102.00 2,051.00 1,704.00 up to 3.00 2,788.00 2,636.00 2,573.00 2,130.00 up to 3.25 3,099.00 2,930.00 2,859.00 2,365.00 up to 3.50 3,410.00 3,224.00 3,146.00 2,600.00						
up to 4.00 NA NA 3,518.00 3,433.00 2,834.00 up to 4.00 NA NA NA NA 3,303.00	up to 0.50 up to 0.75 up to 1.00 up to 1.25 up to 1.50 up to 1.75 up to 2.00 up to 2.25 up to 2.50 up to 2.75 up to 3.00 up to 3.25 up to 3.50 up to 3.75 up to 4.00	0.00 170.00 483.00 791.00 1,090.00 1,382.00 1,667.00 1,947.00 2,223.00 2,495.00 2,788.00 3,099.00 3,410.00 NA	0.00 161.00 457.00 748.00 1,031.00 1,306.00 1,576.00 1,841.00 2,102.00 2,359.00 2,636.00 2,930.00 3,224.00 3,518.00	0.00 152.00 446.00 730.00 1,006.00 1,275.00 1,538.00 1,797.00 2,051.00 2,302.00 2,573.00 2,859.00 3,146.00 3,433.00 3,720.00	0.00 149.00 391.00 624.00 849.00 1,069.00 1,285.00 1,496.00 1,704.00 1,909.00 2,130.00 2,365.00 2,600.00 2,834.00 3,069.00	

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Original Sheet No. 47

4. CENTREX LSI SERVICE (cont'd)

(加)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Varik	ole Term Opt	ion Monthly	Rates
Description	36 Month	60 Month	84 Month	120 Month
(e) Complement 600 Pair Mileage				
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
up to 0.50	0.00	0.00	0.00	0.00
up to 0.75	128.00	121.00	114.00	113.00
up to 1.00	522.00	494.00	482.00	434.00
up to 1.25	931.00	880.00	859.00	742.00
up to 1.50	1,328.00	1,255.00	1,225.00	1,041.00
up to 1.75	1,715.00	1,621.00	1,582.00	1,333.00
up to 2.00	2,093.00	1,979.00	1,932.00	1,619.00
up to 2.25	2,465.00	2,331.00	2,275.00	1,900.00
up to 2.50	2,831.00	2,677.00	2,612.00	2,176.00
up to 2.75	3,192.00	3,018.00	2,945.00	2,448.00
up to 3.00	3,581.00	3,385.00	3,304.00	2,741.00
up to 3.25	3,993.00	3,775.00	3,685.00	3,052.00
up to 3.50	4,406.00	4,166.00	4,065.00	3,364.00
up to 3.75	4,818.00	4,556.00	4,446.00	3,675.00
up to 4.00	5,231.00	4,946.00	4,827.00	3,986.00
up to 4.25	NA	5,336.00	5,208.00	4,298.00
up to 4.50	NA	NA	NA	4,609.00
up to 4.75	NA	NA	NA	4,920.00
up to 5.00	NA	NA	NA	5,232.00
up to 5.25	NA	NA	NA	5,543.00

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Original Sheet No. 48

4. CENTREX LSI SERVICE (cont'd)

(加)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Varib	ole Term Opt	ion Monthly	Rates	
Description	36 Month	60 Month	84 Month	120 Month	
(f) Complement 900 Pair Mileage					
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
up to 0.50	0.00	0.00	0.00	0.00	
up to 0.75	66.00	63.00	59.00	58.00	
up to 1.00	561.00	531.00	518.00	481.00	
up to 1.25	1,016.00	960.00	937.00	826.00	
up to 1.50	1,541.00	1,457.00	1,422.00	1,222.00	
up to 1.75	2,053.00	1,941.00	1,894.00	1,608.00	
up to 2.00	2,554.00	2,415.00	2,357.00	1,986.00	
up to 2.25	3,046.00	2,880.00	2,811.00	2,358.00	
up to 2.50	3,530.00	3,338.00	3,258.00	2,723.00	
up to 2.75	4,008.00	3,789.00	3,698.00	3,083.00	
up to 3.00	4,522.00	4,276.00	4,173.00	3,472.00	
up to 3.25	5,068.00	4,792.00	4,677.00	3,884.00	
up to 3.50	5,614.00	5,308.00	5,181.00	4,296.00	
up to 3.75	6,160.00	5,824.00	5,684.00	4,708.00	
up to 4.00	6,706.00	6,341.00	6,188.00	5,120.00	
up to 4.25	7,253.00	6,857.00	6,692.00	5,532.00	
up to 4.50	7,799.00	7,373.00	7,196.00	5,944.00	
up to 4.75	8,345.00	7,890.00	7,700.00	6,356.00	
up to 5.00	NA	NA	8,204.00	6,768.00	
up to 5.25	NA	NA	NA	7,180.00	
up to 5.50	NA	NA	NA	7,592.00	
up to 5.75	NA	NA	NA	8,004.00	
up to 6.00	NA	NA	NA	NA	

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Original Sheet No. 49

4. CENTREX LSI SERVICE (cont'd)

(加)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Varible Term Option Monthly Rates				
Description	36 Month	60 Month	84 Month	120 Month	
(g) Complement 1200 Pair Mileage					
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
up to 0.50	0.00	0.00	0.00	0.00	
up to 0.75	0.00	0.00	0.00	0.00	
up to 1.00	600.00	568.00	553.00	527.00	
up to 1.25	1,266.00	1,197.00	1,169.00	1,030.00	
up to 1.50	1,913.00	1,809.00	1,765.00	1,518.00	
up to 1.75	2,544.00	2,405.00	2,347.00	1,993.00	
up to 2.00	3,161.00	2,989.00	2,917.00	2,459.00	
up to 2.25	3,767.00	3,562.00	3,476.00	2,917.00	
up to 2.50	4,364.00	4,126.00	4,027.00	3,367.00	
up to 2.75	4,952.00	4,682.00	4,570.00	3,811.00	
up to 3.00	5,586.00	5,281.00	5,154.00	4,289.00	
up to 3.25	6,259.00	5,917.00	5,775.00	4,797.00	
up to 3.50	6,931.00	6,553.00	6,396.00	5,304.00	
up to 3.75	7,604.00	7,189.00	7,016.00	5,812.00	
up to 4.00	8,277.00	7,825.00	7,637.00	6,319.00	
up to 4.25	8,949.00	8,461.00	8,258.00	6,827.00	
up to 4.50	9,622.00	9,097.00	8,879.00	7,335.00	
up to 4.75	10,295.00	9,733.00	9,499.00	7,842.00	
up to 5.00	10,968.00	10,369.00	10,120.00	8,350.00	
up to 5.25	NA	11,005.00	10,741.00	8,857.00	
up to 5.50	NA	NA	NA	9,365.00	•
up to 5.75	NA	NA	NA	9,872.00	
up to 6.00	NA	NA	NA	10,380.00	
up to 6.25	NA	NA	NA	10,888.00	(N)

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Original Sheet No. 50

4. CENTREX LSI SERVICE (cont'd)

(月)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Varible Term Option Monthly Rates					
Description	36 Month	60 Month	84 Month	120 Month		
(h) Complement 1500						
Pair Mileage						
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00		
up to 0.50	0.00	0.00	0.00	0.00		
up to 0.75	0.00	0.00	0.00	0.00		
up to 1.00	690.00	652.00	631.00	605.00		
up to 1.25	1,466.00	1,386.00	1,353.00	1,195.00		
up to 1.50	2,225.00	2,104.00	2,053.00	1,768.00		
up to 1.75	2,965.00	2,804.00	2,736.00	2,326.00		
up to 2.00	3,690.00	3,489.00	3,405.00	2,873.00		
up to 2.25	4,402.00	4,161.00	4,061.00	3,410.00		
up to 2.50	5,102.00	4,824.00	4,708.00	3,939.00		
up to 2.75	5,792.00	5,476.00	5,345.00	4,459.00		
up to 3.00	6,536.00	6,179.00	6,031.00	5,021.00		
up to 3.25	7,325.00	6,926.00	6,759.00	5,616.00		
up to 3.50	8,115.00	7,672.00	7,488.00	6,212.00		
up to 3.75	8,904.00	8,418.00	8,216.00	6,808.00		
up to 4.00	9,694.00	9,165.00	8,945.00	7,403.00		
up to 4.25	10,483.00	9,911.00	9,673.00	7,999.00		
up to 4.50	11,273.00	10,658.00	10,402.00	8,595.00		
up to 4.75	12,062.00	11,404.00	11,130.00	9,190.00		
up to 5.00	12,851.00	12,151.00	11,858.00	9,786.00		
up to 5.25	13,641.00	12,897.00	12,587.00	10,382.00		
up to 5.50	NA	13,643.00	13,315.00	10,977.00		
up to 5.75	NA	NA	NA	11,573.00		
up to 6.00	NA	NA	NA	12,169.00		
up to 6.25	NA	NA	NA	12,764.00		
up to 6.50	NA	NA	NA	13,360.00		
up to 6.75	NA	NA	NA	NA	(

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 51

4. CENTREX LSI SERVICE (cont'd)

(加)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Varible Term Option Monthly Rates							
Description	36 Month	60 Month	84 Month	120 Month				
(i) Complement 1800 Pair Mileage								
J		\$ 0.00						
up to 0.25	\$ 0.00	0.00	\$ 0.00	\$ 0.00				
up to 0.50	0.00	0.00	0.00	0.00				
up to 0.75	0.00	710.00	0.00	0.00				
up to 1.00	751.00	1,538.00	679.00	659.00				
up to 1.25	1,626.00	2,354.00	1,501.00	1,331.00				
up to 1.50	2,490.00	3,151.00	2,298.00	1,983.00				
up to 1.75	3,333.00	3,932.00	3,076.00	2,619.00				
up to 2.00	4,158.00	4,698.00	3,837.00	3,241.00				
up to 2.25	4,969.00	5,452.00	4,585.00	3,853.00				
up to 2.50	5,766.00	6,195.00	5,320.00	4,455.00				
up to 2.75	6,552.00	6,995.00	6,046.00	5,048.00				
up to 3.00	7,399.00	7,845.00	6,827.00	5,687.00				
up to 3.25	8,298.00	8,695.00	7,657.00	6,365.00				
up to 3.50	9,197.00	9,545.00	8,486.00	7,043.00				
up to 3.75	10,096.00	10,395.00	9,316.00	7,772.00				
up to 4.00	10,995.00	11,245.00	10,145.00	8,400.00				
up to 4.25	11,894.00	12,095.00	10,975.00	9,078.00				
up to 4.50	12,793.00	12,945.00	11,804.00	9,757.00				
up to 4.75	13,692.00	13,795.00	12,634.00	10,435.00				
up to 5.00	14,591.00	14,645.00	13,464.00	11,113.00				
up to 5.25	15,490.00	15,495.00	14,293.00	11,792.00				
up to 5.50	16,389.00	16,345.00	15,123.00	12,470.00				
up to 5.75	NA	NA	15,952.00	13,148.00				
up to 6.00	NA	NA	NA	13,827.00				
up to 6.25	NA	NA	NA	14,505.00				
up to 6.50	NA	NA	NA	15,183.00				
up to 6.75	NA	NA	NA	15,862.00				
up to 7.00	NA		NA	16,540.00	(N)			

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 52

4. CENTREX LSI SERVICE (cont'd)

(加)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Varik	ole Term Opt	ion Monthly	Rates	
Description	36 Month	60 Month	84 Month	120 Month	
(j) Complement 2100					
Pair Mileage					
	d 0.00	d 0.00	d 0.00	å 0.00	
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
up to 0.50	0.00	0.00	0.00	0.00	
up to 0.75	0.00	0.00	0.00	0.00	
up to 1.00	773.00	731.00	690.00	679.00	
up to 1.25	1,736.00	1,641.00	1,602.00	1,429.00	
up to 1.50	2,700.00	2,553.00	2,491.00	2,156.00	
up to 1.75	3,640.00	3,442.00	3,359.00	2,865.00	
up to 2.00	4,561.00	4,312.00	4,208.00	3,560.00	
up to 2.25	5,465.00	5,167.00	5,043.00	4,242.00	
up to 2.50	6,354.00	6,008.00	5,863.00	4,913.00	
up to 2.75	7,231.00	6,837.00	6,673.0	5,575.00	
up to 3.00	8,176.00	7,730.00	7,544.00	6,288.00	
up to 3.25	9,179.00	8,678.00	8,470.00	7,045.00	
up to 3.50	10,182.00	9,627.00	9,395.00	7,801.00	
up to 3.75	11,185.00	10,575.00	10,321.00	8,558.00	
up to 4.00	12,188.00	11,523.00	11,246.00	9,315.00	
up to 4.25	13,191.00	12,471.00	12,171.00	10,072.00	
up to 4.50	14,194.00	13,419.00	13,097.00	10,828.00	
up to 4.75	15,197.00	14,368.00	0	11,585.00	
up to 5.00	16,200.00	15,316.00	14,022.00	12,342.00	
up to 5.25	17,202.00	16,264.00	14,948.00	13,099.00	
up to 5.50	18,205.00	17,212.00	15,873.00	13,855.00	
up to 5.75	19,208.00	18,161.00	16,799.00	14,612.00	
up to 6.00	NA	19,109.00	17,724.00	15,369.00	
up to 6.25	NA	NA	18,650.00	16,126.00	
up to 6.50	NA	NA	NA	16,882.00	
up to 6.75	NA	NA	NA	17,639.00	
up to 7.00	NA	NA	NA	18,396.00	
up to 7.25	NA	NA	NA	19,153.00	(
-			NA	•	

Issued: January 9, 2003

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 53

4. CENTREX LSI SERVICE (cont'd)

(N)

- B. Local Serving Increments (LSI) (cont'd)
 - 2. Rates (cont'd)
 - c. Contract Change Charge/Complement Conversion

If customer wishes to convert from the pair-at-a-time to a facility complement or wishes to increase complement size during an existing contract period, the following one-time charge is applicable.

Description

Nonrecurring Charge

Contract Charge/Complement Conversion Charge, per occasion

\$550.00

5. CENTREX SERVICE

Effective January 9, 1995, no new installations of Centrex Service will be made. Customers who are on a Centrex Variable Term Payment Plan (VTPP) contract, longer than month to month, on the aforementioned date, will be permitted to expand their system until the expiration of the VTPP contract. All Centrex customers whether or not under the VTPP contract may retain or expand their Centrex systems until December 31, 1996.

- A. General Regulations
 - 1. Description of Service
 - a. Centrex service is an arrangement of switching equipment located on Telephone Company premises (hereinafter referred to as Centrex CO). The switching equipment is combined with other facilities to offer the features and services in b. following.

(N)

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 35



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 60

5. CENTREX SERVICE (cont'd)

(以)

- A. General Regulations (cont'd)
 - 1. Description of Service (cont'd)
 - b. Features and Services (cont'd)
 - (4) Centrex CO Zone Service

Centrex CO Zone service provides for the following features:

(a) Type I

Provides all the features covered in b(1) preceding.

(b) Type II

Provides, in addition to the features covered in b(1) preceding, call transfer (all calls), consultation hold (all calls), three-way calling, Touch-Tone Calling Service and where central office facilities permit, unattended operation.

- (5) Other equipment and services requested by Centrex customers and compatible with this service will be furnished in accordance with regulations and at the rates specified in the applicable sections of this catalog and tariffs of the Telephone Company.
- (6) Where quantities of switching equipment or central office lines in excess of those considered standard by the Telephone Company are requested, such additional facilities will be furnished at rates and charges based on charges based on the costs incurred.
- (7) All operating at the customer's premises is performed by, and at the expense of, the customer and must conform with the operating practices and procedures which the Telephone Company may adopt to maintain a proper standard of service.
- 2. Availability of Service

All Centrex services are offered only from central offices where the Telephone Company has arranged the facilities for such services and are furnished subject to the availability of facilities and the following provisions:

(N)

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By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 61

5. CENTREX SERVICE (cont'd)

(月)

- A. General Regulations (cont'd)
 - 2. Availability of Service (cont'd)
 - a. The type of service furnished will be determined by the equipment in the central office involved and the associated facility arrangements.
 - b. Centrex CO Service

Effective December 17, 1980, no further requests for Centrex CO service served from No. 5 crossbar central offices will be accepted by the Telephone Company. Centrex CO systems in service on December 17, 1980, or scheduled for installation in compliance with pending orders received prior to such date, may continue to be furnished and may be added to or rearranged only for as long as such systems remain in service at the location at which they were being furnished, or had been requested to be furnished, on the aforementioned date. Such Centrex CO systems may be assigned or transferred to different customers under the provisions of Part 2, Section 2 of the Ameritech Tariff.

- 3. Description of Terms Used in This Section
 - a. Primary Location

Any one continuous property location of the customer may be designated by the customer as the Primary location. The attendant position or positions and the terminations for the lines associated with the primary listing will normally be situated at the Primary location. However, within transmission limitations, the attendant position or positions and the terminations for the lines associated with the primary listing may be located at a customer location other than the Primary location but within the same central office area as the Primary location. When such an arrangement is provided, rates and charges apply based upon the additional costs incurred by the Telephone Company.

(N)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 63

5. CENTREX SERVICE (cont'd)

(月)

- A. General Regulations (cont'd)
 - 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service
 - a. General

These regulations are in addition to those specified in Part 2, Section 3 of this Tariff.

- (1) The contract period for Centrex station lines furnished under this plan is the service period for which the customer contracts to pay the monthly rates for such lines. Subject to the provisions of paragraph d. following, for the duration of the contract period, customers will assume the obligation for a minimum of 80 percent of the total station lines in service at the time such customer enters into the VTPP. A customer who reduces station lines below the 80 percent commitment has the following options for the duration of the contract period:
 - (a) Continue to pay an amount equal to the monthly rates for 80 percent of the station lines in service at the time such customer entered into the VTPP, or
 - (b) pay termination charges as covered in paragraph d. following on the number of station lines below the 80 percent commitment which are disconnected and continue to pay only for the actual number of station lines in service.

The contract period applicable to all Centrex service or equipment items, other than station lines, furnished under this plan is as covered in Part 2, Section 2 of the Ameritech Tariff.

For an initial installation of a Centrex CO Zone service or for a conversion of another type of Centrex CO service to Centrex CO Zone service, the customer must select an initial payment period of longer than one month's duration. Upon the expiration of the initial payment service period, the customer may select any payment period covered by Part 2, Section 3 of the Ameritech Tariff.

(N)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 64

5. CENTREX SERVICE (cont'd)

(Д)

- A. General Regulations (cont'd)
 - 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service (cont'd)
 - b. Application of Rates and Charges
 - (1) The monthly rate applicable at the time a customer subscribers to a product under the VTPP for payment periods longer than one month is not subject to rate increases and, as to such VTPP contracts, the end user common line parity provision process will not be changed.
 - (2) In the event that all or any part of the service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a termination charge as set forth in paragraph d. following.
 - (3) A service order charge will not apply when customers renew or change the length of their payment period. The rates applicable for the new period are the rates currently in effect.
 - (4) Monthly rates and installation, termination, service establishment, service order, and other nonrecurring charges apply according to the appropriate rates and charges for products and services offered under the VTPP.
 - c. Additions, Upgrades and Downgrades
 - (1) Additions and removals
 - (a) Customers will be permitted to add station lines, attendant positions, ETS features, Centrex optional features, tie line terminals, miscellaneous service arrangements, RLT common equipment and C.O. LAN Service subject to the monthly rates in effect at the time such customers subscribed to the VTPP.
 - (b) Removal of ETS features, Centrex optional features, tie line terminals, miscellaneous service arrangements, RLT common equipment and C.O. LAN Service are permitted subject to Part 2, Section 3 of the Ameritech Tariff.
 - (c) Station lines may be reduced subject to the provisions of Part 2, Section 3 of the Ameritech Tariff.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 65

5. CENTREX SERVICE (cont'd)

(以)

- A. General Regulations (cont'd)
 - 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service (cont'd)
 - c. Additions, Upgrades and Downgrades (cont'd)
 - (2) Upgrades

Customers may upgrade from Type I to Type II, or a combination of Types I and II, within the same serving central office, where facilities permit, and retain the contracted VTPP. This upgrade in service will result in a commitment to the higher VTPP station rates for Type II in effect at the time the customer entered into the VTPP, for the remainder of the contract period.

(3) Downgrades

Customers may not downgrade from Type II or Types I and II combined to Type I and retain the VTPP at the lower station rates. Such downgrades will result in the application of termination charges and establishment of a new VTPP contract.

- d. Termination Charges
 - (1) If the VTPP is canceled in whole or in part by the customer or is terminated for cause by the Telephone Company prior to expiration of the 36 or 60 month payment period, the customer shall be required to pay a sum determined by the application of the following formula for the station lines:

```
# of Station Lines ) # of Months Re-)
Below the 80% Level ) maining In Con-)
of Commitment Dis- ) X Monthly Rate) X tract ) X 50%
connected )
```

- (2) Termination charges for all other items furnished under the one month, 36 month or 60 month payment period are as covered in Part 2, Section 2 of this Tariff.
- (3) The customer shall not assign or otherwise transfer its rights or obligations under any Centrex arrangement provided under this tariff without prior written consent of Ameritech. Such consent will not be unreasonably withheld or delayed. Any provisions to the contrary found elsewhere in this Tariff, are superseded.

(N)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 66

5. CENTREX SERVICE (cont'd)

(月)

- A. General Regulations (cont'd)
 - 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service (cont'd)
 - e. Moves of Primary and Secondary Locations
 - (1) Moves of Primary locations outside of the same serving central office area constitute termination of the VTPP contract and the application of termination charges as covered in d. preceding.
 - (2) Moves of Primary locations within the same serving central office area do not constitute termination of the VTPP contract.
 - (3) Moves of Secondary locations to a non-continuous property location do not constitute termination of the VTPP contract, however termination charges may apply under the provisions of Part 2, Section 2 of the Ameritech Tariff.
 - f. Renewal Options

Anytime prior to completion of the current payment period, a Centrex CO VTPP customer may renew the selected payment period at the rates in effect for new customers at the time of the renewal. The new rates will commence at the time of the customer's request, and must be prior to completion of the previous payment period.

g. Requests for Changes in Length of Optional Payment Period

Customers may extend the termination date of an initial 36 month (three year) or 60 month (five year) VTPP contract period in increments of two, three or four years at the prevailing 60 month (five year) rate in effect at the time of the initial contract extension request, subject to the following conditions:

- (1) The new payment period rates will be based on the prevailing 60 month rates in effect at the time the extension request is received.
- (2) No credit will be given for payments made under the previous initial contract period. However, additional nonrecurring charges will not be applicable.

(N)

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PART 20 SECTION

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 67

5. CENTREX SERVICE (cont'd)

(月)

- A. General Regulations (cont'd)
 - 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service (cont'd)
 - h. Single Payment Option

For payment periods longer than one month, the customer may prepay the total outstanding recurring charges for items under a Contract Payment Plan. The prepayment of charges in no way constitutes a purchase and the Telephone Company retains full ownership of all equipment covered by the prepayment. The following conditions apply:

- The annual percentage rate will be based on the company's current cost of capital as specified in department practices.
- i. Assignment or Transfer of Service
 - (1) Service, including equipment being furnished under the VTPP, may be assigned or transferred under the provisions of Part 2, Section 2 of the Ameritech Tariff.
 - (2) Transfer Fee

Centrex CO Service, including Airport Switching Systems

j. Deferred Payment

Payment of nonrecurring charges for items under the VTPP may be deferred over the length of the customer's payment period or a shorter period (in annual increments), subject to the conditions specified in this paragraph.

- (1) The charges to be deferred must be among the following types:
 - Installation Charges
 - Nonrecurring Charges
 - Service Establishment Charges

(N)

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Original Sheet No. 69

5. CENTREX SERVICE (cont'd)

(月)

- A. General Regulations (cont'd)
 - 6. Customer Training for Centrex CO 100 Service Only
 - a. Initial training of customer personnel in system operation is provided at the time of system cutover. The number of customer's personnel trained is as follows:

Station User via the Communications Counselor Program (CCP)

2 counselors per system

Console Management via (CCP)

2 counselors per system

Training is performed at a Telephone Company location and the customer is responsible for all expenses associated with travel to and from the Telephone Company location.

Training Category	Nonrecurring Charge
Station User	\$142.00
Console management	71.00

b. If the customer requests additional training beyond the training mentioned in a. preceding, or if the customer requests additional training subsequent to the initial installation, the following charges apply per trainee on Telephone Company premises.

Training Category	Nonrecurring Charge
Station User	\$71.00
Console management	35.00

c. If customer does not wish formal training under the CCP training program, the customer will be provided a supply of dialing instruction cards (one card per equipped station plus 5%) for each system installed.

(N)

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Original Sheet No. 71

5. CENTREX SERVICE (cont'd)

(月)

- B. Attendant Positions and Common Equipment (cont'd)
 - 1. Attendant Positions and Associated Equipment (cont'd)
 - b. Auxiliary Attendant Positions

Auxiliary attendant positions to provide attended manual reception and origination of calls for a selected group of stations terminating at such positions may be furnished at Primary or Secondary locations.

- Tie lines and tie line terminals required to connect such attendant positions to the Centrex system are furnished under the provisions of E. and F. following.
- c. Attendant Telephones

Description

One attendant telephone of a type and style considered standard by the Telephone Company for the switchboard or console involved, is furnished with each attendant position.

/Billing Code/	Charge	1 Month	36 Month	60 Month
2. Attendant Services standard capabilities are as described in 2.A.1.b.(1)(g) preceding, per attendant service line /FZD1X/'1/	\$2,500.00	\$325.00	\$325.00	\$325.00

Nonrecurring _

/1/ Additional codes appear in departmental practices.

(N)

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Variable Term

Option Monthly Rates

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 75

5. CENTREX SERVICE (cont'd)

(月)

- C. Stations of Centrex Systems (cont'd)
 - 2. Monthly Rates (cont'd)
 - b. Centrex Stations
 - (1) Station lines
 - (a) For intercommunication
 - (i) Centrex CO

	Variable Term Option Monthly Rate					
	Sc	hedule 1	-/1/	Sc	hedule 2	2/1/
Description	1 Mo.	36 Mo.	60 Mo.	1 Mo.	36 Mo.	60 Mo.
(bb) Type II						
First 100 Stations Next 200 stations Next 300 stations Next 300 stations Over 900 stations	17.60 17.30	17.60 17.30	\$23.95 17.60 17.30 16.45 13.05	18.05 17.75	18.05 17.75	
(cc) 100	21.50	20.50	19.50	21.50	20.50	19.50
(dd) Zone - Type I - First 900						
stations - Over 900	13.45	11.45	10.45	13.45	11.45	10.45
stations	10.85	9.40	9.35	10.85	9.40	9.35
- Type II - First 900	15.40	13.40	12.40	15.40	12 40	12.40
stations - Over 900 stations	13.35	11.35	10.95	13.35	13.40 11.35	10.95

/1/ Schedule 2 rates apply to the Cleveland Metropolitan Area exchange areas and Chesterland exchange area. Schedule 1 rates apply to all other exchange areas. No message allowance is provided. The message or measured usage charges in Part 4, Section 2 of the Ameritech Tariff are applicable.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 76

5. CENTREX SERVICE (cont'd)

(月)

- C. Stations of Centrex Systems (cont'd)
 - Monthly Rates (cont'd)
 - c. Restricted Stations 11/
 - (1) Station lines

	Variable Term Option Monthly Rate					
	Sc	chedule 1	/2/	Sc	chedule 2	2/2/
Description	ription 1 Mo. 36 Mo. 60 Mo. 1 Mo. 36 Mo. 60			60 Mo.		
(a) Centrex CO						
- Type II	\$7.95	\$7.95	\$7.95	\$8.25	\$8.25	\$8.25
- 100	6.90	6.90	6.90	7.15	7.15	7.15
- Zone-Type I &						
II	6.90	6.90	6.90	6.90	6.90	6.90

- d. Minimum Monthly Charge-Within the Basic Local Service Area
 - (1) Except in the case of Centrex CO 100 service, a minimum monthly charge shall apply within the basic local service area equal to the monthly charge for 100 Centrex stations.
 - (2) When a combination of Centrex Type I and Type II stations is furnished within the basic local service area, the applicable minimum monthly charge is the sum of the monthly charge for 100 Type I stations plus the monthly charge for 100 Type II stations.

- /1/ Restricted station lines do not require an exchange access monthly rate or an intercommunication minimum monthly rate.
- /2/ Schedule 2 rates apply to the Cleveland Metropolitan Area exchange areas and Chesterland exchange area. Schedule 1 rates apply to all other exchange areas. No message allowance is provided. The message or measured usage charges in Part 4, Section 2 of the Ameritech Tariff are applicable.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 77

5. CENTREX SERVICE (cont'd)

(Д)

- C. Stations of Centrex Systems (cont'd)
 - 2. Monthly Rates (cont'd)
 - e. Application of Station Rates When Primary Location is Outside Basic Serving Area
 - (1) Centrex CO Primary Location

Centrex stations and restricted stations are charged for at the appropriate rates specified in b. and c. preceding, plus circuit rates as covered in Part 4, Section 5 of the Ameritech Tariff.

- f. Application of Station Rates at Secondary Locations
- (1) All Centrex Services Except Centrex CO Zone Service
 - (a) Each Secondary location shall be treated as a separate location with regard to the application of rates.
 - (b) The monthly rates applicable to stations at Secondary locations within the basic serving area are the same as those applicable at the Primary location.
 - (c) The monthly rates applicable to stations at Secondary locations outside the basic serving area are determined in accordance with (a) and (b) preceding. In addition, circuit rates, as covered in Part 4, Section 5 of the Ameritech Tariff or Ameritech Base Rate/DS1 service rates, as found in Part 15, Section 3 of the Ameritech Tariff, will be applicable.
- (2) Centrex CO Zone Service
 - (a) Station lines terminating at Secondary locations are grouped with the station lines terminating at the Primary location for the purpose of applying the 1st 900 and over 900 station rates.
 - (b) The monthly rates applicable to stations at Secondary locations outside the basic serving area are determined in accordance with (a) preceding. In addition, circuit rates, as covered in Part 4, Section 5 of the Ameritech Tariff, or Ameritech Base Rate/DS1 Service rates, as found in Part 15, Section 3 of this Tariff, will be applicable.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 78

5. CENTREX SERVICE (cont'd)

(N)

- C. Stations of Centrex Systems (cont'd)
 - 2. Monthly Rates (cont'd)
 - f. Application of Station Rates at Secondary Locations (cont'd)
 - (3) The monthly rates applicable to stations at Secondary locations outside the basic serving area are determined in accordance with (2) preceding. In addition, circuit rates, as covered in Part 4, Section 5 of the Ameritech Tariff, will be applicable.
 - q. Manual Stations

Description /Billing Code/

Monthly Rate

Manual Station line /XR9SX/

\$10.05

- D. Optional Features on Centrex CO
 - 1. General Provisions
 - a. Subject to the availability of the necessary switching and control equipment, optional features are provided on Centrex CO-Type II, Centrex CO 100 and Centrex CO Zone station lines at the Primary location and at Secondary locations served by circuits directly from the central office serving the Primary location.
 - b. The Telephone Company cannot guarantee transmission when the use of these optional features involves connections with stations outside the local service area.

(N)

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Original Sheet No. 96

Variable Term Option

5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 25. Camp-On and Call-Waiting-originating Options

Camp-on options provide a choice of silence, recorded announcement or music to the calling party on waiting camp-on calls. Call waiting-originating options provide a choice of recorded announcement or music to the calling party on call waiting-originating calls. These options replace the standard audible ringing tone furnished while such calls are held waiting.

Installa-

	tion	Monthly Rate				
Description	Charge	1 Month	36 Month	60 Month		
a. Silence (Not available for call waiting-originating option)						
(1) Per group of 22 silence ports	\$268.80	\$ 47.30	\$ 47.30	\$ 47.30		
(2) Port connecting circuit	53.05	11.10	11.10	11.10		
b. Recorded announcement						
(1) Per group of 20 recorded announcement ports	268.80	109.60	109.60	109.60		
(2) Port connecting circuit	53.05	11.10	11.10	11.10		
c. Music						
(1) Per group of 22 music ports	268.80	167.30	167.30	167.30		
(2) Port connecting circuit	53.05	11.10	11.10	11.10		
(3) Channel connecting serving central office and music source on customer premises						
For rates and charges see Type 2001 channels in Part 15, Section 2 of the Ameritech Tariff.						

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 97

5. CENTREX SERVICE (cont'd)

(Д)

(N)

- D. Optional Features on Centrex CO (cont'd)
 - 26. Source Billing of Attendant Handled Calls (SBAC)

SBAC provides for the system's listed directory number to be replaced with a main station line billing number on automatic message accounting records when outgoing calls are originated by the attendant for any user of a Centrex system who can directly access the attendant.

	Installa-	Variable Term Option				
	tion	Monthly Rate				
Description	Charge	1 Month	36 Month	60 Month		
	<u> </u>	-				
Per System	\$110.75	\$11.30	\$11.30	\$11.30		

- 27. Outgoing Trunk Queuing WATS (QTQ) Phase 1
 - a. QTQ WATS allows station users, by dialing a preselected code, to have their call held in queue (stored), if all the associated WATS facilities are in use. The calling station must remain off-hook to retain the call in queue. Where compatible, tie trunks may be given access to queuing.
 - b. The following features are available for providing QTQ WATS:
- (1) Priority queuing, on an individual station basis.
 - (2) Attendant control of calls where two or more separate queues are provided - (inflow/outflow).
 - (3) Routing calls to the optional feature of ARS before routing to QTQ WATS.
- c. For calls held in queue, the following options are available:
 - (1) Customer specified time limit in queue.
 - (2) Recorded announcements (Telephone Company-provided) to calls held in queue, or
 - (3) Music (customer-provided) to calls held in queue, or
 - (4) Silence to calls held in queue.
- d. When the specified time limit in queue has been exceeded, the call is advanced either to MTS or to overflow tone.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 99

5. CENTREX SERVICE (cont'd)

(力)

- D. Optional Features on Centrex CO (cont'd)
 - 27. Outgoing Trunk Queuing WATS (QTQ) Phase 1 (cont'd)
 - f. Changes and rearrangements

		Nonrecurring Charge
(1)	Common equipment	\$210.00
(2)	Quantity of queue slots	98.05
(3)	Queue threshold time limit	72.70
(4)	Inhibit inflow	72.70
(5)	Inhibit outflow	72.70
(6)	Silence on queue	_
(7)	Recorded announcement	
	The installation charge set forth in	
	e.(3)(b) preceding is applicable	
(8)	Change in overflow arrangement	101.50
(9)	Music on queue	
	The installation charge set forth in	
	e.(3)(c) preceding for music on queue	
	common equipment is applicable.	
(10)	Priority, per station	
	The service and equipment charge for	
	changes set forth in Part 3, Section 1 of	
	this Tariff.	

28. Centrex Customer Change Feature (CCCF)

CCCF will allow a Centrex customer to transmit requests involving certain feature additions, deletions or changes on Centrex station lines, to the Telephone Company's Business Services center via an lines, to the Telephone Company's business Services center via an individually programmed Comm-Stor® II. The Comm-Stor II unit will edit the customer input data and add descriptive information to aid in the Telephone company's implementing the order.

® Registered trademark of Sykes Datatronics, Inc.

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EXHIBIT A SHEET 51

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 100

5. CENTREX SERVICE (cont'd)

(Д)

- D. Optional Features on Centrex CO (cont'd)
 - 28. Centrex Customer Change Feature (CCCF) (cont'd)
 - a. The following feature changes can be implemented:
 - Call Forwarding-Busy Line (Change "forward to" number)
 - Call Forwarding-Don't Answer (Change "forward to" number)
 - Call Pick-Up (Change line from one Pick-up Group to another established Pick-up Group)
 - Hunting (Change "hunt to" number)
 - Change Station Type
 - Special Station Restrictions
 - Change Facility Restriction Level Assignments
 - Change Call Forwarding Ring Cycle Option
 - Interchange station line numbers (non-key)
 - b. Subsequent to the establishment of the following Centrex optional features in a Centrex system, CCCF can be utilized to add or remove such features to or from existing station lines.
 - Call Pick-up
 - Call Hold
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer
 - Call Waiting-Originating
 - Call Waiting-Terminating
 - Dial Call Waiting
 - Directed Call Pick-up Barge In
 - Directed Call Pick-up Non-Barge In
 - Customer Changeable Speed Calling 6
 - Customer Changeable Speed Calling 30
 - c. Any other service order requests may also be transmitted directly to the Telephone Company.

(N)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 102

5. CENTREX SERVICE (cont'd)

(Д)

- D. Optional Features on Centrex CO (cont'd)
 - 28. Centrex Customer Change Feature (CCCF) (cont'd)
 - h. Premises Equipment
 - (1) The following items of terminal equipment, or equivalents, must be furnished by the customer to insure proper operation of the CCCF:
 - Comm-Stor II
 - 43 Teleprinter
 - DATASPEED 40
 - 200 Series DATA-PHONE data set
 - (2) In addition, either one non-residence individual line or one Centrex station line at the rates forth in the Ameritech Tariff is required with the customer's terminal equipment.
 - 29. Centrex Station Rearrangements (CSR)
 - a. General

CSR will allow customers with Centrex CO Type I, CO-Type II and Centrex CO Zone service provided from a 1A Electronic Switching System (ESS) type central office, where facilities permit, to add or delete selected optional features and make certain changes in the Centrex line and feature configurations of the system.

These additions, deletions and changes are made by accessing a dialup port in the central office and entered via a terminal on the customer's premises.

- b. Regulations
- (1) The customer-provided terminal, subject to the provisions of Part 2, Section 9 of this Tariff, can be a general purpose terminal with the capability to provide a hard copy printout.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 103

5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 29. Centrex Station Rearrangements (CSR) (cont'd)
 - b. Regulations (cont'd)
 - (2) Certain lines may be specified by the customer to be exempt from this feature. Additionally, the Telephone Company reserves the right to make the following types of lines inaccessible from Centrex Station Rearrangements:
 - Multiline hunt group lines
 - Attendant lines
 - Lines equipped with data sets
 - Lines with special equipment
 - Off premises stations (different central office)
 - (3) The Centrex station line used to access the Dial-up Data Port must be a fully restricted line.
 - (4) The Telephone Company reserves the right to temporarily inhibit the customer from making CSR changes when service affecting conditions to the central office exist. The customer will receive a message at the terminal indicating that CSR changes are temporarily inhibited. The customer will, however, be able to search for and display data during the temporary inhibit.
 - (5) Initial customer training by the Telephone Company in the use of CSR is provided at the time CSR is placed in service. See rates and charges for subsequent training.
 - c. Responsibility of the Telephone Company
 - (1) Changing the status of a line from accessible to inaccessible or vice versa must be done by the Telephone Company.
 - (2) A password (four-digit code) will be assigned by the Telephone Company to permit a customer access to the CSR feature.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 104

5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 29. Centrex Station Rearrangements (CSR) (cont'd)
 - d. Responsibility of the Customer
 - (1) A current hard copy printout showing Centrex line activity and/or Centrex line features must be provided to Telephone Company personnel upon request.
 - (2) The customer is responsible for the administration and security of the password and shall also be responsible for any charges associated with unauthorized use of such password. See rates and charges for customer requested password changes.
 - (3) The customer must maintain a backup record of all changes, additions and deletions between updates of the Central Office recent change memory file.
 - e. The following feature changes can be implemented:
 - Interchange station line numbers (i.e., station lines with same type of dialing
 - Change Centrex Access Treatment (CAT) code associated with a station line.
 - Change Facility Restriction Level (FRL) Assignments
 - Call Pick-up (Change line from one Pick-up Group to another established Pick-up Group)
 - Call Forwarding-Busy Line/Don't Answer (Change "forward to" number).
 - Activate/Deactivate Service on existing station lines 11
 - Hunting (Add, delete, or change "hunt to" number)
 - Change Call Forwarding Don't Answer Ring Cycle Option
 - f. Subsequent to the establishment of the following Centrex optional features in a Centrex system, CSR can be utilized to add or remove such features to or from existing station lines.
 - Automatic Callback
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer
- /1/ Lines deactivated via the CSR feature continue to be billed as working lines.

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Original Sheet No. 108

5. CENTREX SERVICE (cont'd)

(Д)

- D. Optional Features on Centrex CO (cont'd)
 - 30. Message Desk Interface (MDI) Service
 - a. MDI service allows call related information to be sent via a desk channel from the central office to the customer's message desk facility.
 - b. MDI service enables the message desk attendant to handle calls on a personalized basis for each station user.
 - c. MDI service is available to customers with a Centrex System furnished from a 1A Electronic Switching System (ESS) and later type central office, where facilities permit.
 - d. The type of call completed to a message desk is identified as either a direct dial call or a forwarded call.
 - e. The type of call forwarding is identified when the message desk attendance receives a call which has been forwarded. The station user is able to use the following types of call forwarding:
 - Call forwarding
 - Call forwarding busy line
 - Call forwarding don't answer
 - Night Transfer
 - f. The called station number if identified when the message desk attendance answers a call which has been forwarded.
 - g. The calling station number is identified when the message desk attendance receives calls originated from the same central office from which the MDI service is provided.
 - h. The customer will be required to provide attendance answering equipment, a desk controller device and attendant data terminals with the controller. The attendance equipment can be a standard telephone, key telephone, attendant console or similar equipment.
 - i. A message desk controller device is required to interface with a data channel which transmits the MDI calling information. The controller device may be any type of computer equipment which meets interface requirements for the data channel.
- /1/ Any feature which forwards or reroutes calls to another number can be used to complete calls to a message desk. However, only the use of features provided from a Telephone Company central office will provide details on the type of Call Forwarding utilized.

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Original Sheet No. 109

5. CENTREX SERVICE (cont'd)

(N)

- D. Optional Features on Centrex CO (cont'd)
 - 30. Message Desk Interface (MDI) Service (cont'd)
 - j. Rates and Charges

The following rates and charges are in addition to any other applicable rates and charges associated with the customer's service.

- (1) For the initial installation, and subsequent additions or changes for call forwarding and/or audible message waiting indication, apply Centrex change charges as set forth in Part 3, Section 1 of this Tariff.
- (2) In addition to the charges above, the following rates apply:

the Part 15, Section 2 of the Ameritech Tariff.

Description	Service Establishment		able Term (Monthly Rat	-
/Billing Code/	Charge	1 Month	36 Month	60 Month
(a) Common Equipment per system /AML/	\$975.00	\$150.00	\$144.00	\$140.00
	annel is required b remises at the rate			

31. Optional Features on Centrex CO

De	scription	Charge	_
a.	Package 1 consisting of call pick-up, call hold, call forwarding, call forwarding-busy line and don't answer, speed calling-6 numbers and toll restriction /CZA/		
	Installation charge, per system	\$111.00	
	Variable term option monthly rate, per line - 1 month - 36 months - 60 months	5.00 4.75 4.50	(N)

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Original Sheet No. 110

5. CENTREX SERVICE (cont'd)

(月)

- D. Optional Features on Centrex CO (cont'd)
 - 31. Optional Features on Centrex CO (cont'd)

Description	Charge
b. Package 2 consisting of distinctive ringing and automatic call back /CZB/	_
(1) Per system	
Service establishment charge	\$ 34.00
Installation charge	110.00
Variable term option monthly rate	
- 1 month	4.80
- 36 months	4.55
- 60 months	4.35
 (2) Per line /CZBPS/ Variable term option monthly rate - 1 month - 36 months - 60 months 	3.60 3.45 3.25
c. Night trunk answer from any station for unattended operation, per system /NTU/	
Nonrecurring charge Variable term option monthly rate	35.00
- 1 month	10.25
- 36 months	9.75
- 60 months	9.25
77	

One Type 1001 channel is required between the central office and the customer's premises at the rates and charges specified in Part 15, Section 2 of the Ameritech Tariff.

A transfer arrangement is provided by the customer.

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Original Sheet No. 112

5. CENTREX SERVICE (cont'd)

(月)

- D. Optional Features on Centrex CO (cont'd)
 - 32. Customer Management Features (cont'd)
 - a. Expanded Automatic Route Selection-Deluxe (EARS-D) (cont'd)

- (1)(cont'd)
 - (c) Authorization Codes permit a station user to dial a code which overrides the FRL. The Telephone Company shall not be liable to the customer for the unauthorized use of such authorization codes, nor will the customer be entitled to a credit for such unauthorized use.
- (2) Rates and Charges

<i>-</i> /	naces and enarg	- '					
		Service Non-		Variable Term Option			
		Establish-	recurring	Monthly Rate			
		Ment Charge	Charge	1Mo.	36 Mo.	60 Mo.	USOC
(a)	Common						
	Equipment	\$12,984.00	\$1,542.00	\$26.00	\$25.00	\$24.00	AB8
(b)	Route						
	Selection						
	Pattern's						
(i)	Each Pattern	_	84.00	_	_	_	AHD
(ii)	Each FX, WATS,						
	Private Line						
	and OCC Access						
	Line						
	terminating	_	_	1.40	1.35	1.3	AHY
(iii)	Numbering Plan						
,	Area codes						
	only, each						
	pattern	_	_	. 45	.40	.35	AEN
(iv)	Each Six Digit						
(– ·)	Translator						
(v)	Numbering Plan	_	228.00	_	_	_	ABM
(• /	Area and						11211
	central office						
	codes, each						
	pattern						
(37i)	Expensive Route	_	_	1.30	1.25	1.20	AHH
(V ±)	Warning Tone,			1.50	1.25	1.20	711111
	per order						
	ber order						

125.00 -

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Original Sheet No. 117

5. CENTREX SERVICE (cont'd)

(月)

(N)

- D. Optional Features on Centrex CO (cont'd)
 - 32. Customer Management Features (cont'd)
 - b. Station Message Detail Recording to Premises (SMDR-P) (cont'd)
 - (2) Rates and Charges (cont'd)

	Nonrecurring	
	Charge	USOC
(f) Changes		_
(i) Account codes - change in number of		
account code digits, each system	\$27.00	RCHDB

- 33. Deluxe Centrex Feature Packages (DCFP)
 - a. Description
- (1) DCFP consists of group of features that will be furnished from a 1A Electronic Switching System (ESS) and later type central office, where facilities permit, to Centrex CO-Type II, Centrex CO Zone-Type II, Airport-Type II and Exhibition Hall customers.
- (2) When DCFP is provided with a system not equipped with the Centrex Mate Service (CMS) or Centrex Station Rearrangement (CSR) feature, station lines may be equipped with any feature package on a per station line basis.
- (3) If all or part of a Centrex system is equipped with CMS or CSR, and the customer elects to equip the CMS or CSR station line with DCFP, all CMS or CSR station lines must be equipped with DCFP. Only one DCFP is permitted per CMS or CSR equipped Centrex system.
- (4) Optional features that are not included in a DCFP may be provided in addition to the DCFP at rates and charges specified in this catalog.
- b. Features are included as follows:
- (1) Feature Package A
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer
 - Call Hold
 - Call Pickup
 - Call Waiting Originating
 - Call Waiting Terminating

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Original Sheet No. 120

5. CENTREX SERVICE (cont'd)

(N)

- D. Optional Features on Centrex CO (cont'd)
 - 34. Centrex-Mate Service (CMS)
 - a. General

Where facilities permit, CMS affords customers with Centrex CO Type II, Centrex CO Zone-Type I and Type II and Centrex CO 100 service provided from a 1 or 1A Electronic Switching System (ESS) type central office, an alternative to the standard service order routine for requesting changes to Centrex stations. CMS allows Centrex customers to control provisioning of stations and features within the bounds established by the Telephone Company. The Centrex customer may activate and deactivate stations; exchange telephone numbers between stations, (when stations are exchanged, each station carries with it its existing features and dialing privileges, i.e., unrestricted, semi-restricted, etc.); verify station features, list stations with specific features, or list all features for a given station; change a single feature on a single station, change multiple features on a single station, or change multiple features

- b. Definitions
- (1) Bulk Feature Quantities

The maximum number of individual features designated by and billed to the CMS customer (e.g. 350 call forwarding, 475 call waiting, etc.), which may be changed and/or added to the Centrex system. The customer will not be able to exceed the designated bulk number of individual features without having the designated bulk number of individual features changed by the Telephone Company.

(2) Default Date

The date automatically assigned in the absence of a specific date being provided by the customer, indicating when the changes are to become effective. The default date is the next calendar day after the day the changes are provided by the customer.

(3) Mask

A mask is a customer defined format which contains Centrex information about the features and restrictions on each of the customer's stations and defined data fields which the customer may use for name, address, organization and equipment records.

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Original Sheet No. 121

5. CENTREX SERVICE (cont'd)

(月)

- D. Optional Features on Centrex CO (cont'd)
 - 34. Centrex-Mate Service (CMS) (cont'd)
 - b. Definitions (cont'd)
 - (4) Time Slot Initial

The Telephone Company will assign each CMS customer a 15 minute reserved time slot each day to access their Centrex database for the control and provisioning of stations and features within the bounds established by the Telephone Company.

The reserved time slot assignment will be based upon availability, and will be negotiated between the Telephone Company and the customer.

(5) Time Slot - Additional

The CMS customer may reserve additional 5 minute reserved time slot increments each day to access their Centrex database. The additional time slot assignments will be based upon availability and will be added to the initial 15 minute reserved time slot.

Additional time slot assignments will be negotiated between the Telephone Company and the customer.

- c. Regulations
 - (1) Each CMS customer can only access their own customer defined database. The database contains information about the features and restrictions on every station utilized by the Centrex customer in addition to defined fields which can be used for name, address, organization, or equipment.
 - (2) CMS is a dial-up, time-share system which provides for all customers sharing the available access on a scheduled daily basis. The time slots will be administered by the Telephone Company.
 - (3) Changes entered via this feature become effective on either a default date or delayed date basis. Default changes will become effective by 2:00 p.m. of the next calendar day. Delayed changes will become effective on the date specified by the customer by 2:00 p.m. of that date.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 122

5. CENTREX SERVICE (cont'd)

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(N)

- D. Optional Features on Centrex CO (cont'd)
 - 34. Centrex-Mate Service (CMS) (cont'd)
 - c. Regulations (cont'd)
 - (4) CMS customers may continue to use standard service order procedures whenever they wish to do so and the implementation of customer changes remains the responsibility of the Telephone Company at rates and charges set forth in Part 3, Section 1 of this Tariff.
 - (5) The interface associated with CMS is a customer-provided 1200 baud asynchronous, video terminal and associated data set.
 - (6) The Telephone Company reserves the right to temporarily inhibit the customer from making CMS changes when service affecting conditions exist. The customer will receive a message at the terminal indicating that CMS changes are temporarily inhibited. The customer will, however, be able to search for and display data during the period of temporary inhibition.
 - (7) Certain lines may be specified by the customer to be exempt from this feature. Also, the Telephone Company reserves the right to exempt certain lines from CMS.
 - (8) Initial customer training in the use of CMS is provided by the Telephone Company at the time CMS is placed in service without additional charge. Subsequent training is provided by the Telephone Company at the rates and charges specified in h. following.
 - (9) The customer may exchange the appearance of working lines as well as deactivate and restore lines without affecting assigned features. Lines that are deactivated will continue to be billed as working lines.

Lines with associated central office equipment and lines with associated circuit numbers cannot be exchanged. However, feature changes as defined by the Telephone Company can be made on such lines. These lines include, but are not limited to the following:

- Multiline hunt group lines
- Attendant lines
- Lines with special equipment
- Off premises stations (different central offices)

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Original Sheet No. 123

5. CENTREX SERVICE (cont'd)

(月)

- D. Optional Features on Centrex CO (cont'd)
 - 34. Centrex-Mate Service (CMS) (cont'd)
 - d. Responsibility of the Telephone Company
 - (1) Changing the status of a line from accessible to inaccessible or vice versa must be done by the Telephone Company.
 - (2) The password that permits customer access to the CMS system can only be established in the system by the Telephone Company.
 - e. Responsibility of the Customer

The customer is responsible for the administration and security of the password and shall also be responsible for any charges associated with use of customer's CMS service arising out of unauthorized use of such password. See rates and charges for customer-requested password changes.

f. Display and Verification Capabilities

The following items can be displayed as part of the customer profile:

- Feature Restriction Levels
- Quantity of features in use
- Quantity of features allowed
- g. CMS Features
- (1) The following list includes specific optional features that can be added or deleted via CMS.
 - Automatic Callback
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't answer
 - Call Hold

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- Call Pick-up
- Call Waiting -originating
- Call Waiting -terminating
- Dial Call Waiting
- Directed Call Pick-up
- Directed Call Pick-up (Non-Barge-in)
- Speed Calling list of 6 numbers
- Speed Calling list of 30 numbers

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EXHIBIT A SHEET 64

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Original Sheet No. 127

5. CENTREX SERVICE (cont'd)

(N)

- D. Optional Features on Centrex CO (cont'd)
 - 35. Digital Interface Unit
 - a. General

The digital interface unit is used for connection of a High Capacity Transport Service private line, Ameritech OPTINET DS1 Service, at a speed of 1.544 Mbps to a Centrex system.

b. Rates and Charges

	Non- recurring	Variable Term Option Monthly Rate			
(4) = -1 1 2	Charge	1 Mo.	36 Mo.	60 Mo.	
(1) Per Digital Interface Unit	\$549.00*	\$575.00	\$500.00	\$450.00	
(2) Reconfiguration Charge, per Tie Line					ı
Group	138.00**	_	-	_	(1

- * Channel terminations on the Digital Interface Unit installed subsequent to the initial installation of the Digital Interface Unit are provided without charge.
- ** Applicable to the following changes made subsequent to the initial installation:

Change the dial access code

Change the number of digits outpulsed or received

Change the type of outpulsing (dial pulse, Touch-Tone or multi-frequency)

Change the type of trunk supervision (wink start or immediate start) Change the type of operation (cut-through versus senderized)

The total reconfiguration charges shall not exceed the nonrecurring charge.

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Original Sheet No. 128

5. CENTREX SERVICE (cont'd)

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(N)

- D. Optional Features on Centrex CO (cont'd)
 - 36. Station Call Park
 - a. General

Station Call Park allows a station line user to park a call against its own number. The parked call can be retrieved from any station line by dialing a feature code and the directory number against which the call is parked.

b. Rates and Charges

	Non- Variable Term Option recurring Monthly Rate				
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
Line equipped, per occasion					
- First line equipped	\$85.00	\$.40	\$.30	\$.25	СР9РК
- Each additional line equipped	5.50	.40	.30	.25	CP9PK

- 37. Electronic Key Capability
 - a. General

Where available, Electronic Key Capability is a Centrex station line optional feature, designed specifically for access by preprogrammed push-button features on a compatible customer-provided electronic business telephone set. Technical specifications and limitations for compatible telephone sets can be found in various technical references. Such technical references may be obtained from:

Manager - Information Release Ameritech Services, Inc. 2000 W. Ameritech Center Drive 3A43E Hoffman Estates, Illinois 60196

- (1) The Electronic Key Capability feature includes the following:
 - Group Intercom allows an intercom station user to terminate on a member intercom station of a predesignated intercom group by using abbreviated dialing.

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Original Sheet No. 135

5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 39. High Speed Data Capability (cont'd)
 - b. Optional Features (cont'd)
 - 1. Data Facility Pooling (cont'd)
 - b. Customer Premises Based Service
 - i. Customer Premise Based Data Facility Pooling provides the customer the ability to transmit data to and receive data from non-digital/non-ISDN architecture (D Channel) destinations via a dial-up data facility pool installed and maintained by the customer on the customer's premise. A message exchange service line is required at the rates specified in Part 4, Section 2 of the Ameritech Tariff.
 - ii. The capabilities in (i) preceding are standard with
 the following additions:
 - (aa) A minimum of three members per data facility pool group with each member equipped with Basic Access Line and analog line interfaces to the Company's central office.
 - (bb) Outgoing dialing plan restrictions consistent with subscribed Centrex System services.
 - iii. Optional Capability
 - (aa) Additional data facility pool member.
 - 2. Electronic Key Range Extender

The electronic key range extender increases the transmission limits of the Electronic Key Capability feature and the High Speed Data Capability feature for those locations that exceed the technical limits, as specified in the aforementioned technical references.

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Original Sheet No. 137

5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 39. High Speed Data Capability (cont'd)
 - c. Rates and Charges (cont'd)
 - 2. Optional features (cont'd)
 - a. Data Facility Pooling (cont'd)
 - iii. Customer Premises Based Service

		recurring	ecurring Monthly Rate		te	
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC
aa.	Standard capabilities and features as described in b.(1)(b)(i) preceding, per pool	\$225.00	\$105.00	\$92.00	\$84.00	MJ3*
bb.	Additional data facility pool memeber	75.00	35.00	31.00	28.00	MJ5*

Non- Variable Term Option

- b. Electronic Key Range Extender, See Par. 2.D.38.b.(3)(b) for rates and charges.
- d. Change Charges
 - 1. Optional Features
 - b. Data Facility Pooling

	Charge
i. Central Office Based Service	
aa. per pool	\$ 10.00
bb. per occasion	260.00
cc. per additional modem	3.30
ii. Customer Premises Based Service	
aa. per pool	10.00
bb. per occasion	260.00
cc. per additional modem	3.30

* Additional codes appear in departmental practices.

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Original Sheet No. 149

5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 49. Do Not Disturb (DND) Attendant Feature (cont'd)
 - b. Rates and Charge

	Non-	Variab	ole Term	Option		
	recurring	Mo	nthly Ra	.te		
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC	
Do not disturb feature,						
per system	\$6.50	\$3.90	\$3.70	\$3.60	DJDPS	

- 50. Ameritech Automatic Call Distribution Service
 - a. General

Ameritech Automatic Call Distribution (ACD) Service provides call distribution as an integrated function of the central office. Ameritech ACD Service provides an equal distribution of a large volume of incoming calls to predesignated groups of answering positions, known as agent positions. Incoming calls are served on a first-in, first-out basis and if all agent positions are busy, calls may be held in an incoming queue until an agent position becomes available or the caller disconnects.

The Ameritech ACD Service switching function is performed in the Telephone Company central office and is available only from central offices where facilities have been provisioned for the service.

All customer provided equipment used to interface with Ameritech ACD Service is required to conform with the Technical Reference Specifications as used by Ohio Bell Telephone Company and found in Technical References AM-TR-NPL-000004 and AM-TR-PSS-000032.

Ameritech ACD Service can be provided as Basic ACD service or Deluxe ACD service. The customer may have more than one ACD group, but within a group all positions must be either Basic or Deluxe.

- b. Regulations
 - Agent positions may be served by standard (2500) or Electronic Key Telephones. When served by Electronic Key telephones, the rates and charges for the Electronic Key Capability feature for agent and supervisor positions are as stated in paragraph D.37 preceding and apply on a per position basis.
 - 2. Ameritech ACD Service is offered under the terms and conditions of the Variable Term Payment Plan (VTPP), as described in this Tariff.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 150

CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 50. Ameritech Automatic Call Distribution Service (cont'd)
 - c. Description
 - 1. Basic ACD
 - a. System Features

<u>Abandoned Call Clearing</u> - Abandoned ACD calls are removed from incoming call queues and recorded announcements in order to reduce unnecessary connections to the central office.

<u>Agent Queues</u> - The Agent Queue feature ensures an even distribution of workload among the agents in the group. The agent who has been available the longest receives the first incoming call.

<u>Automatic Overflow</u> - Multiple ACD groups can be specified as overflow groups for a given ACD group. If an overflow condition exists on the incoming call queue, these groups are examined and the call terminates on the first group that can accept the call.

<u>Call Forcing</u> - When an ACD call is presented to an ACD agent having Call Forcing, the agent hears a short burst of tone to alert the agent, and the call is immediately connected.

 $\underline{\text{Call Source Identification}}$ - The terminating ACD called number is displayed on the ACD agents set.

<u>Direct Outward Dialing</u> - This feature allows an agent, while on an incoming call, to place a Direct Outward Dialed call.

<u>Login and Logout</u> - All agents and supervisors are required to login to an agent position before they can receive incoming ACD calls. When an agent is logged out, no ACD calls can be presented to the agent.

 ${
m Night\ Service}$ - Night Service is activated when all agents in an ACD group have activated Make Set Busy. Calls newly arriving for the group are rerouted to the night service route specified for the ACD group. The treatment can be another ACD location, a night service number within the Centrex system, to an external location, or to an optional recorded announcement.

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 50. Ameritech Automatic Call Distribution Service (cont'd)
 - c. Description (cont'd)
 - 1. Basic ACD (cont'd)
 - a. System Features (cont'd)

<u>Call Transfer/Three Way Calling</u> - This feature allows agents and supervisors to transfer an ACD call to another directory number. The agent or supervisor initiating the transfer may also establish a three-way call involving the incoming ACD call, the agent or supervisor and the third party.

<u>Call Transfer With Time</u> - Allows a call that has been answered by an ACD agent and then transferred to another ACD group, to be time inserted in the new group's highest priority queue based on the total time the call has previously been enqueued and talking in the original group.

Overflow of Enqueued Calls - Provides an additional customer-defined timer and route. This feature also provides immediate overflow to the time delay threshold route when the time delay overflow is unsuccessful.

b. Agent Features

<u>Agent Call Supervisor</u> - This feature allows the ACD agent quick access to the supervisor for help or consultation.

 $\underline{\text{Call Park By Agent}}$ - Allows ACD agents to park calls in the standard manner.

Emergency Notification - The Emergency feature allows an ACD agent to immediately conference a supervisor or as an alternate, conference an emergency recording device or both. A Centrex station line may be used to interface with the customer-provided emergency recording device.

 $\underline{\text{Make Set Busy}}$ - When in the Make Set Busy state, incoming calls are blocked from routing to the agent. When Make Set Busy is activated, the agent is logged out.

Not Ready - The Not Ready feature allows the ACD position to be temporarily unable to receive ACD calls. The feature is typically used when an ACD agent needs time to complete a transaction between calls.

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5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 50. Ameritech Automatic Call Distribution Service (cont'd)
 - c. Description (cont'd)
 - 1. Basic ACD (cont'd)
 - b. Agent Features (cont'd)

Transfer To Incalls Key - Allows an agent to transfer an ACD call to another agent's incalls key within the same customer group.

Walkaway/Closed Key Operation - Allows agents to enter a code after activating the Not Ready Key that specifies the reason for being unavailable. Tracking of these codes in the Management Information System (MIS) allows management of agent activities by project.

c. Supervisor Features

Agent Observation - This feature allows the supervisor to observe ACD calls.

Agent - The Call Agent feature allows a supervisor to directly call an ACD agent position, or when used in conjunction with the Agent Observation feature, to conference into a call.

<u>Supervisor Control of Night Service</u> - The supervisor position may control the activation of Night Service for an entire ACD group so that no new ACD calls enter the incoming call queue.

<u>Controlled Interflow</u> - Allows the ACD supervisor to divert a group's new incoming ACD calls due to a change in business conditions.

<u>Display Agents Summary Key</u> - Enables the ACD supervisor, using a business set with display, to quickly check the status of all ACD agent positions assigned to a particular agent group.

Forced Agent Availability - Allows the ACD supervisor to deactivate "Not Ready" on a specific line.

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5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd) 50. Ameritech Automatic Call Distribution Service (cont'd)
 - c. Description (cont'd)
 - 1. Basic ACD (cont'd)
 - d. Optional Features available with Basic ACD only

<u>Group Reconfiguration/Team Status</u> - Group Reconfiguration provides the customer with the ability to change the ACD parameters. Team Status allows the customer to periodically view the status of their ACD groups. The status contains information such as the following:

- ACD group name
- Primary ACD number
- Total number of calls in the ACD queue
- Number of seconds that the first call queued in the incoming call queue has been waiting.
- Number of idle ACD positions.

Note: Requires a private line facility and the Group Reconfiguration/Team Status Interface.

2. Deluxe ACD

a. The following features are available with Deluxe ACD.

All Basic ACD System features, Agent features and Supervisor features.

Management Information System (MIS) Data Stream -

Provides a data stream containing complete call event records from the Telephone Company central office to a customer provided downstream processor. In addition, it provides the ability for group reconfiguration and team status. Requires a private line facility and the MIS Interface.

b. Optional Features available with Deluxe ACD only

<u>Line-of-Business Code Key</u> - Allows a Line-of-Business (LOB) Code key to be assigned to each agent's position. When the agent presses this key and dials a three-digit code associated with a particular line of business, the call category is recorded. On call release, the LOB code is sent to a customer-premises down stream processor through the MIS interface.

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 50. Ameritech Automatic Call Distribution Service (cont'd)
 - c. Description (cont'd)
 - 3. Optional Features available to ACD Basic and ACD Deluxe

Incoming Call Queueing/Queue Slots - Calls terminating on an ACD are placed in a queue in the order of their arrival when an agent is not available to answer them, and are removed from queue as agents become available. Incoming calls are presented to the next available agent in the order of arrival, with the highest priority first. Queue slots are dedicated time slots used to hold incoming calls in a delayed state until an agent position becomes available. Requires a queue slot for each call to be held in queue.

Central Office Announcement - When there are more incoming calls than available agents, delays are encountered before the calls can be answered. An announcement advising of the delay can be provided when a delay threshold is exceeded. A central office announcement may also be used when the ACD group is in Night Service. This feature requires queue slots as well as an interface to Central Office Recorded Announcement.

<u>Interface to Customer-Provided Announcement</u> - This announcement is provided by the customer.

<u>Music on Queue</u> - Music can be provided for callers in an ACD queue while waiting for an available agent. Queue slots are required for this feature. Requires a private line facility and a Music Source Interface.

Operational Measurement - Provides central office traffic data to the customer's premises. Requires a Private Line facility and the Operational Measurement Interface.

Interface to Queue Status Indication - When incoming calls waiting in queue have exceeded a predetermined time in queue threshold, a signal is sent from the central office to customer-provided equipment for visual indication. There may be individual or multiple time thresholds. Requires a private line facility and the Queue Status Interface per threshold.

 $\underline{\text{Call Vectoring}}$ - Allows the customer to program a series of call handling steps that an incoming call will follow before it is routed to an attendant.

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 50. Ameritech Automatic Call Distribution Service (cont'd)
 - c. Description (cont'd)
 - 3. Optional Features available to ACD Basic and ACD Deluxe (cont'd)

<u>Caller Directed Call Processing</u> - Provides prompts to callers. The digits dialed in response to the prompts are used to route the call to a particular step within the call vector or to a different call vector. The customer must purchase central office recorded announcements to provide the prompts.

- d. Rates and Charges
 - 1. The following rates and charges are in addition to the rates and charges for any other services to furnish a communications system.
 - Service Establishment Charge
 - Nonrecurring Charges
 - Monthly rates
 - Subsequent Activity Charges

			INOTIL	urring c	iiai gc	0500	
	Service Establishment Charge, per Customer Group			\$1,400.00			
B. Ra	te Schedule						
		Non- recurring		ole Term onthly Ra	-		
		Charge	1 Mo.	36 Mo.		USOC	
a. E	Basic ACD						
i.	Service Subscription per position	\$ 75.00	\$27.00	\$20.00	\$18.00	APO1X	
ii.	Group Reconfiguration/ Team Status Interface, per link	550.00	25.00	22.00	20.00	A5A	
b. I	Deluxe ACD						
i.	Service Subscription per position	125.00	29.00	21.00	19.00	APO2X	
ii.	MIS Interface, per link	225.00	90.00	75.00	65.00	AM1	

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Nonrecurring Charge

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 50. Ameritech Automatic Call Distribution Service (cont'd)

d. Rates and Charges

3. Rate Scedule

		Non- recurring Charge	Mo	ole Term onthly Ra 36 Mo.		USOC	
c. 0	Optional Features	Charge	1 MO.	30 MO.	00 140.	0500	
i.	ACD Queue Slots, per Slot	\$ 10.00	\$ 1.25	\$ 1.10	\$1.00	QSCPQ	
ii.	Central Office Recorded Announcement, per announcement	70.00	63.00	55.00	50.00	RKD	
iii.	Interface to customer premises recorded announcement, per link	185.00	44.00	39.00	35.00	AQ2	
iv.	Interface to Operational Measurements, per link	225.00	40.00	40.00	35.00	AQZ	
v.	Interface to Queue Status Indication,						
	<pre>aa. Single or multi-stage, per link</pre>	100.00	12.50	11.00	10.00	AQQPG	
vi.	Interface to Music Source, per link	185.00	44.00	39.00	35.00	MHB	
vii.	Line-of Business Code Key, per adjust	-	2.25	1.95	1.75	LBB	
viii.	Call Vectoring, per system	550.00	200.00	165.00	150.00	VCEPS	
	Caller Directed Call Processing, per prompt	225.00	110.00	100.00	90.00	VDDPS	

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 50. Ameritech Automatic Call Distribution Service (cont'd)
 - d. Rates and Charges
 - 4. Subsequent Change Charge

		Nonrecurring Charge
a.	Change to an agent or supervisor position	\$ 25.00
b.	Change to central office provided recorded announcement, per change	30.00
c.	Change from Basic ACD to Deluxe ACD per position	50.00
d.	Change to ACD data tables (e.g., group, subgroup, listed directory, overflow, audio and queue), per occasion	42.00
e.	Change to Operational Measurements interface, per occasion	100.00

51. Ameritech ISDN Centrex

a. General

Ameritech ISDN Centrex is a multichannel service. It provides an integrated voice/data communications capability for the transmission of circuit switched voice and/or circuit switched data on an incoming, outgoing and intercommunicating basis and packet switched data on an intercom basis. The service utilizes Integrated Services Digital Network (ISDN) architecture. Multichannel services require the full or partial use of a Basic Rate Access Line (2B+D). The two 64 Kbps "B" channels are used to carry user information. The 16 Kbps D channel is used to carry signaling and user packet switched data. The service is available from specially equipped digital switching equipment located in the Company's central offices and will be provided where qualified 2-wire facilities permit and where capacity is available. Calls outside the system will be subject to the usage rates shown in Part 4, Section 2 of the Ameritech Tariff.

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5. CENTREX SERVICE (cont'd)

51. Ameritech ISDN Centrex (cont'd)

D. Optional Features on Centrex CO (cont'd)

b. Definitions

Basic Access Line/Basic Rate Interface (2B+D)

Two 64 kilobits per second (kbps) B channels and one 16 kbps D channel (2B+D).

B Channel

A 64 kbps portion of a Centrex line primarily used for information transfer (voice/data) from user to user.

Call Appearance

Relative to the central office equipment, each call is assigned a "Call Appearance" per Basic Access Line. Relative to the customer-provided equipment (CPE), a call appearance is a physical and visual representation (e.g., a button and lamps) that provides to the user the status of a particular call (i.e., incoming, active, or held call).

Closed User Group (CUG)

A private group of users that limits communications to members within the group. The CUG allows its members to transmit and receive calls, service type permitting, to and from other members within the CUG. The initial membership and its desired options are included in the basic group rate. Available options allowing group members to restrict communications include the following:

- Incoming Calls Barred
- Outgoing Calls Barred
- Incoming Access
- Outgoing Access

Closed User Group Member

A user who establishes membership in a closed user group facility. A user may be registered as a member in one or more closed user groups.

Customer Provided Applications Processor

A separate minicomputer (or microcomputer) system provided by the customer that is connected to the central office equipment via a specially provisioned Basic Access Line(s) to support a set of interactive features. The customer-provided processor may support Electronic Directory, Traffic Data, Station Message Detail Recording, Facilities Management Interfaces, and Message Service.

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TELEPHONE COMPANY



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5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - b. Definitions (cont'd)

D Channel

A 16 kbps portion of a Centrex line primarily used for signaling messages and/or packet-switched user data.

Intercom Calling Line Identification

Allows display capabilities on intercom calls only, which may include calling party's name, calling directory number, call appearance ID, date and time.

Logical Channel

A virtual channel which enables one or more packet data calls to be active at any one time.

Permanent Virtual Circuit

Allows the user to send packet data to a single destination without undergoing call setup and call release procedures; the logical connection between the two users is always ready to transfer data.

Primary Number

The seven digit identifier or "primary" telephone number assigned to a single Basic Access line.

Screen Management

Management of call appearance features.

Station Equipment Indicator

Lamps or function keys that signal the status of a call or feature.

Throughput Class

The attainable data rate (bits per second) on virtual calls and permanent virtual circuits.

Window Size

The number of outgoing packets that may be sent before confirmation is received indicating that the previous packets have been received successfully.

X.25 Packet Mode Protocol

The screen interface specifications and $\rm X.25$ network protocol recommended by the CCITT.

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - c. Regulations
 - 1. Provision of Service
 - a. Ameritech ISDN Centrex options will be provided in conjunction with basic Centrex service as specified in this catalog to configure a business telecommunications system. Such a configuration shall be referred to as a "Centrex System" in the following paragraphs of this Section.
 - b. Centrex customers who add Ameritech ISDN Centrex options will be liable for Centrex termination charges only in the event that they disconnect or decrease the number of lines in their Centrex System below the limit associated with their Centrex Variable Term Payment Plan (VTPP) contract prior to the expiration date of their original contract.
 - c. A variety of standard and optional features and capabilities are offered. The availability and functions of the features and capabilities may vary by serving central office.

Each Basic Access line utilizes two 64 Kbps "B" Channels and a 16 Kbps "D" Channel. A maximum of 8 services are permitted per Basic Access line including a maximum of two "B" Channel services. Individual Ameritech ISDN Centrex services require the use of a Basic Access Line/Basic Rate Interface. A directory number is provided with the use of a Basic Access Line for each "B" and "D" Channel service element.

d. Valid configurations of services are listed in the Basic Rate Interface Technical Reference. See Paragraph c.(3) following.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 51. Ameritech ISDN Centrex (cont'd)
 - c. Regulations (cont'd)
 - 2. Customer-provided Equipment Interface Specifications

All customer-provided equipment used to interface with Ameritech ISDN Centrex is required to conform with the Technical Reference Specifications as used by the Company and found in Technical Reference:

Technical Subject Reference

Basic Rate Interface AM-TR-OAT-000068

To order specific switch vendor technical documents write to:

Ameritech Services Inc. Attention: Documentation 2000 W. Ameritech Center Drive 3A4E3 Hoffman Estates, Illinois 60196

d. Service Description

The Ameritech ISDN Centrex refers to the deployment of multiple channel telecommunication arrangements.

This arrangement consists of a single channel service of Electronic Key and optional Electronic key display features or High Speed Data with the addition of one or two of the following services.

- 1. Circuit Switched Voice
 - a. Capabilities and features as shown in the General Regulations, Description of Service in this section preceding, are provided as standard and are shared with the Circuit Switched Voice Service if so equipped.
- 2. Circuit Switched Data

The Circuit Switched Data Service Element provides the ability to originate and receive circuit switched data calls over a 64 kbps B channel. Data line speeds of 56 kbps and 64 kbps are permitted (See, Centrex Service - Optional Features on Centrex CO - High Speed Data Capability).

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - d. Service Description
 - 3. Packet Switched Data D Channel
 - a. The Packet Switched D Channel Service Element provides the ability to originate and receive X.25 packet data calls at up to 9.6 Kbps over the 16 kbps D Channel that also transmits system signaling data.
 - b. The following capabilities and features are provided as standard in Ameritech ISDN Centrex service:
 - •One logical channel
 - •Flow control parameter negotiation (packet size and window selection)
 - •Intercom dialing
 - •Fast select initiation/acceptance
 - •Reverse charge initiation/acceptance
 - •Throughput class negotiation
 - c. The following capabilities and features are provided as optional:
 - •Closed user group initial member
 - •Closed user group additional member
 - •Permanent virtual circuit
 - 4. Packet Switch Data B Channel
 - a. The Packet Switched-B Channel Service Element provides up to 128 logical channels to originate and receive X.25 packet data calls over the 64 Kbps B Channel.
 - b. The following capabilities and features are provided as standard in Ameritech ISDN Centrex service:
 - •up to 128 logical channels
 - •flow control parameter negotiation (packet size and window selection)
 - •intercom dialing
 - •fast select initiation/acceptance
 - •reverse charge initiation/acceptance
 - •throughput class negotiation

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - d. Service Description
 - 4. Packet Switch Data B Channel
 - c. The following capabilities and features are provided as optional:
 - •closed user group
 - •closed user group member
 - •permanent virtual circuit
 - e. Service Interfaces

The following Service Interfaces require a specially provisioned Basic Access Line which can be used for multiple Service Interfaces. In some cases, based on the traffic volumes, additional specially provisioned Basic Access Lines may be required for the Service Interface(s).

- 1. Electronic Directory Interface
 - a. The Electronic Directory Interface (EDI) capability provides users and attendants with the ability to communicate with an electronic directory. This feature is available for all calls originated within the Centrex System. Electronic Directory Interface routes call information from the Company's central office to the customer-provided processor and associated electronic directory software.
 - b. Transport of the following is standard with Electronic Directory Interface and is provided to circuit switched voice equipped Basic Access Lines:
 - i. Calling Name Display permits the name and directory number of the Centrex calling party to be displayed for intra-system calls.
 - ii. Directory Query Display permits the EDI user with a station set display to query for a person's directory number within the electronic directory database.
 - iii. Automatic Calling permits the party associated with the information being displayed to be called during a directory query display session without dialing the destination directory number.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 51. Ameritech ISDN Centrex (cont'd)
 - e. Service Interfaces (cont'd)
 - 2. Traffic Data Interface
 - a. The Traffic Data Interface (TDI) provides traffic and trunk usage measurements pertaining to customer features and facilities. Individual measurements are collected every 30 minutes and sent to a customer-provided processor.
 - b. The TDI feature provides the following as standard:
 - i. Traffic Data to Customer Location

Traffic measurement data is provided for the following selected facilities and features:

- Attendant group
- Attendant group queuing counts
- Automatic Route Selection pattern
- Individual Dialing Plan
- Modular queuing for Multiline Hunt Group
- Modular queuing for Simulated Facilities Group
- Modular queuing for trunks
- Multiline Hunt Groups
- Simulated Facility Groups
- Screen group
- Trunk group
- ii. Automatic circuit assurance
 - aa. Trunk scans
 - NUTS (non-usage trunk scan)
 - LUTS (locked-up trunk scan)
 - bb. Threshold Monitoring
 - Long holding time
 - Short holding time
 - Short holding time call count

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - e. Service Interfaces (cont'd)
 - 3. Message Service Interface
 - a. The Message Service Interface routes certain call related information to the customer's message center which is associated with a customer-provided processor. The call related information enables the message center attendant to answer calls on a personalized basis for each station user within the Centrex System.
 - b. The following call related information and station user message waiting indication is provided as standard:
 - The type of call completed to the message center being either a direct call or a forwarded call from another station within the Centrex System.
 - The intra system number that was originally called.
 - The message center number where the call has been sent.
 - The message center attendant station where the call has been sent.
 - The types of forwarding used:
 - Call Forwarding Variable
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer
 - The number of the calling station if the call originated within the same Centrex System.
 - The type of message waiting indication (either audible stutter dial tone and/or visual lamp) to be activated/deactivated for each user station served by the message center.
 - How the call related information is ultimately displayed or used depends upon the customer-provided processor or any other equipment.

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - e. Service Interfaces (cont'd)
 - 3. Message Service Interface
 - c. Transport of the following is optional to the customer's message center which is associated with a customer-provided processor:
 - Leave word calling in which a message is sent to the customerprovided processor and the processor leaves a message from the calling party to a called party.
 - Message retrieval display provides the message center users equipped with a station set display the ability to directly retrieve their messages.
 - Printout on demand permits message center users to request a printout of all their undelivered messages to a preassigned printer.
 - Automatic calling permits a message center user to place a call to the party associated with the message being displayed without dialing the destination directory number.
 - 4. Message Detail Recording Interface
 - a. The Message Detail Recording Interface (MDRI) as specified in (b) following, provides call detail information on those circuit switched voice calls originated within the Centrex System. The MDRI provides the customer-provided processor with detailed call records in real time. MDRI is not represented to be a provision of billing detail.
 - b. Information on the following services and features is provided as standard:
 - •Automatic Route Selection
 - •Foreign Exchange and Foreign Central Office
 - •Wide Area Telecommunication Service
 - •Common Control Switching Equipment
 - Electronic Tandem Switching
 - •Measured Telephone Service

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - e. Service Interfaces (cont'd)
 - 4. Message Detail Recording Interface (cont'd)
 - b. Information on the following services and features is provided as standard: (cont'd)
 - i. Individual call detail information provided on calls placed or received over the customer private network and placed over the public network includes:
 - Length
 - Message type
 - Elapsed time
 - Answered time
 - Disconnect time
 - Date of call
 - Calling number
 - Called number
 - Authorization code
 - Account code
 - Access code
 - ii. MDRI Counts Record is provided as a summary record that is generated once a day and includes the following measurements specific to MDRI records:
 - Message type
 - Date of record
 - Time of day
 - Generated record count
 - Lost record count
 - 5. Facilities Management Interface
 - a. The Facilities Management Interface (FMI) provides administrative control of the customer's private telecommunications facilities via a customer-provided processor. This feature permits the customer to verify, add, delete or change specific parameters.

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - e. Service Interfaces (cont'd)
 - 5. Facilities Management Interface (cont'd)
 - b. FMI can be used in conjunction with the following features and capabilities which are standard:
 - •Automatic Route Selection
 - •Facility Group Queuing
 - •Authorization Codes
 - •Automatic Circuit Assurance
 - •Traffic Data Systems
 - •Message Detail Recording
 - •Account Codes
 - f. Rates and Charges
 - 1. General

Ameritech ISDN Centrex includes rates and charges for the following:

- a. Centrex System Line (basic Centrex services providing the first B Channel combined with Ameritech ISDN Centrex) for each Exchange Termination.
- b. Data Facilities Pooling, which provides the ability to transmit data to and from non-ISDN architecture destinations via Central Office Based Service or Customer Premises Based Service data facility pooling (see Centrex Service-Optional Features on Centrex CO High Speed Data Capability).
- c. Service Interfaces, which provide the ability to manage and administer customer compatible screen equipment, route certain call related data, communicate with an electronic directory, traffic and trunk measurements, call detail information on originated circuit switched voice calls or administrative control of the customer's private telecommunications facilities as specified in e. preceding.

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5. CENTREX SERVICE (cont'd)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 f. Rates and Charges (cont'd)

Electronic Key with

2. Service Elements and Optional Features - Multiple Channel

In addition to basic Centrex service rates, the following rates and charges apply:

a. Multiple Channel Service Establishment Charge (S.E.C.)

A one-time Service Establishment Charge applies when Multiple Channel Service, consisting of (b) Circuit Switched Voice, (c) Circuit Switched Data, or (d) Packet Switched Data following or any combination thereof is initially installed.

Service Establishment
Charge

i. Multiple Channel Service Establishment Charge
(one charge per Centrex system) \$600.00

Non- Variable Term Option recurring Monthly Rate
Charge 1 Mo. 36 Mo. 60 Mo. USOC

b. Circuit Switched Voice
Service Element (Voice/

c. Circuit Switched Data
Service Element (High
Speed data line with
intercom capability second B channel) per
channel 25.00 9.00 8.50 8.00

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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5. CENTREX SERVICE (cont'd)

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- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - f. Rates and Charges (cont'd)
 - 2. Service Elements and Optional Features Multiple Channel (cont'd)

		Non- recurring		ole Term onthly Ra			
		Charge	1 Mo.			USOC	
Se sy da ir	acket Switched Data ervice Element (Intra- ystem Packet Switched ata at 9.6 Kbps with ntercom capability) - channel						
i.	Standard capabilities and features on the D channel, as described in d.(3)(b) preceding, per Primary D channel terminal	\$20.00	\$6.50	\$6.00	\$5.75	LTQ4X	
	Secondary terminals on the same D channel Optional capabilities and features	20.00	6.50	6.00	5.75	LTG4X	
а	a. Closed user group	-	-	-	-	LDJ	
b	ob. Closed user group member	-	1.00	1.00	1.00	LGJ	
C	cc. Permanent virtual circuit, per terminal	-	1.50	1.50	1.50	LDV	(N

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PART 20 SECTION

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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5. CENTREX SERVICE (cont'd)

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(N)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - f. Rates and Charges (cont'd)
 - 2. Service Elements and Optional Features Multiple Channel (cont'd)

e. Packet Switched Data Service Element (Intra- system Packet Switched	Non- recurring Charge		ole Term onthly Ra 36 Mo.	-	USOC
data at 64 Kbps - B Channel					
 i. Standard capabilities and features on the B Channel, as described in d.(4)(b) preceding, per B Channel terminal 	\$100.00	\$87.00	\$82.00	\$77.00	LTQ3X
<pre>ii. Optional capabilities and features</pre>	-	-	-	-	GXM
aa. closed user group	-	1.00	1.00	1.00	GXW
bb. closed user group member	-	1.00	1.00	1.00	GXP
cc. permanent virtual					

3. Service Interface

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circuit

a. Specially provisioned Basic Access Line(s) for connection to the following Interface Services from the Company's central office to the customer provided processor is required: Electronic Directory, Traffic Data, Message Service, Message Detail Recording, and Facilities Management.

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5. CENTREX SERVICE (cont'd)

(月)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - f. Rates and Charges (cont'd)
 - Service Interface (cont'd)

		Non- recurring	1	able Term C Monthly Rat	e	
a.	(con't)	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
	Per specially provisioned Basic Access					
	Per line	\$ 129.00	\$ 31.00	\$ 27.00	\$ 25.00	LSN1X
	Per occasion	42.00	_	-	-	
	i. Message Service Interface aa. Standard capabilitie s and features as described in e.(3)(b) preceding Per number of lines in Centrex	3,000.00	296.00	237.00	160.00	м15
	System 1 - 250 lines 251 - 500 lines 501 - 1000 lines 1001 - 2000 lines	- -	116.00 232.00 464.00 928.00	93.00 186.00 372.00 744.00	65.00 130.00 260.00 520.00	M153X
	2001 - 4000 lines 4001 and above		1,856.00 3,712.00	1,488.00 2,976.00	1,040.00 \$2,080.00	M155X

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5. CENTREX SERVICE (cont'd)

(N)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - f. Rates and Charges (cont'd)
 - Service Interface (cont'd)
 - a. (cont'd)

Non- Variable Term Option recurring Monthly Rate
Charge 1 Mo. 36 Mo. 60 Mo. USOC

i. Message Service
 Interface
 (cont'd)

bb. Optional
 capabilities
 and features as
 described in
 e.(3)(c)
 preceding

Per number of lines in Centrex System

1 - 250 lines	_	\$ 21.50	\$ 18.75	\$ 17.00	M161X	
251 - 500 lines	_	42.00	37.00	34.00	M162X	
501 - 1000 lines	_	84.00	74.00	68.00	M163X	'
1001 - 2000 lines	-	169.00	149.00	135.00	M164X	
2001 - 4000 lines	_	338.00	298.00	270.00	M165X	
4001 and above	_	676.00	596.00	540.00	M166X	(N)

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5. CENTREX SERVICE (cont'd)

(N)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - f. Rates and Charges (cont'd)
 - Service Interface (cont'd)
 - a. (cont'd)

	Non- recurring Charge		iable Term Og Monthly Rate 36 Mo.	ate	
ii. Electronic Directory Interface					
Standard capabilities and features as described in e.(1)(b) preceding	\$1,000.00	\$ 88.00) \$ 71.00 s	\$ 27.00	EDT
Per number of Centrex lines equipped					
1 - 250 lines 251 - 500 lines 501 - 1000 lines 1001 - 2000 lines 2001 - 4000 lines	225.00 225.00 225.00 225.00 225.00	45.00 90.00 179.00 358.00 716.00	72.00 143.00 286.00	27.00 54.00 108.00 216.00 432.00	EDT1X EDT2X EDT3X EDT4X EDT5X
4001 and above	225.00	1,432.00	1,144.00	864.00	EDT6X

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5. CENTREX SERVICE (cont'd)

(月)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - f. Rates and Charges (cont'd)
 - Service Interface (cont'd)

		Non- recurring		able Term Monthly Ra		
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC
ii.	Message Detail Recording Data Interface					
	Standard capabilities and features as described in e.(4)(b) preceding					
	Per number of Centrex lines equipped					
	1 - 250 lines 251 - 500 lines 501 - 1000 lines 1001 - 2000 lines 2001 - 4000 lines 4001 and above	\$450.00 450.00 450.00 450.00 450.00	\$ 25.00 50.00 100.00 200.00 400.00 800.00	44.00	\$ 20.00 40.00 80.00 160.00 320.00 640.00	MR51X MR52X MR53X MR54X MR55X MR56X
iv.	Traffic Data Interface					
	Standard capabilities and features as described in e.(2)(b)(i)					

600.00 25.00 22.00

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preceding, per Centrex System

Effective: January 9, 2003

20.00

TDF

(N)

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

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Original Sheet No. 176

5. CENTREX SERVICE (cont'd)

(瓦)

- D. Optional Features on Centrex CO (cont'd)
 - 51. Ameritech ISDN Centrex (cont'd)
 - f. Rates and Charges (cont'd)
 - 3. Service Interface (cont'd)
 - a. (cont'd)

Non-	Vari	able Term O	ption	
recurring	1	Monthly Rat	е	
Charge	1 Mo.	36 Mo.	60 Mo.	USOC

v. Facilities Management Interface

> Standard capabilities and features as described in e.(5)(b) preceding, per Centrex System

\$700.00 \$50.00 \$44.00 \$40.00 ARA

- g. Change Charges
 - 1. The following charges apply when there is a change to the Ameritech ISDN Centrex service components subsequent to the initial installation of those components.

	Charge	
a. Service Elements and Optional Features		_
i. Circuit Switched Voice service element:		
aa. per channel	¢60,00	
bb. per occasion	\$60.00	
ii. Circuit Switched Data service element:	95.00	
aa. per channel	60.00	
bb. per occasion	95.00	(N)

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Change

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5. CENTREX SERVICE (cont'd)	
D. Optional Features on Centrex CO (cont'd)	
51. Ameritech ISDN Centrex (cont'd)	
g. Change Charges (cont'd)	
1. (cont'd)	
a. Service Elements and Optional Features	
	Change Charge
iii. Packet Switched Data service element:	
aa. per channel	\$ 60.00
bb. per occasion	95.00
iv. Optional Capabilities and features:	
per line, per occasion as follows	21.50
Closed User group	
Permanent Virtual circuit	
Fast Select Acceptance	
b. Service Interfaces	
i. Specially provisioned Basic Access Line	
aa. per line	37.50
bb. per occasion	23.00
ii. Electronic directory Per number of Centrex lines	
1 - 250 lines 251 - 500 lines 501 - 1000 lines 1001 - 2000 lines	105.00 105.00 105.00 105.00
2001 - 4000 lines	105.00

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4001 and above

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105.00



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5. CENTREX SERVICE (cont'd)

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42.00

21.00

D. Optional Features on Centrex CO (cont'd)	
51. Ameritech ISDN Centrex (cont'd)	
g. Change Charges (cont'd)	
1. (cont'd)	
b. Service Interfaces	
	Change Charge
iii. Specially provisioned Basic Access Line	
iii. Specially provisioned Basic Access Line Per number of Centrex lines	
	\$ 21.00 21.00
Per number of Centrex lines 1 - 250 lines	· · · · · · · · · · · · · · · · · · ·
Per number of Centrex lines 1 - 250 lines 251 - 500 lines	21.00
Per number of Centrex lines 1 - 250 lines 251 - 500 lines 501 - 1000 lines	21.00 21.00

c. Common Block

iv. Traffic Data

per Centrex System

v. Facilities Management

per Centrex System

- Ameritech ISDN Centrex feature dial access code (introduction/change) including those on electronic key feature button
- Electronic key (introduction/change) of configuration group

175.00 per occasion (N)

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 57. Call-Back Queuing (CBQ)
 - a. Provides a station user encountering an all-trunk busy condition the option of being notified when a trunk becomes idle and then being automatically connected to the called number using the CBQ feature.

The CBQ feature includes the following enhancement:

CBQ Option One - denies a call the ability to search the expensive-route set.

- 1. A line cannot activate CBQ unless it has the Automatic Callback feature.
- b. Rates and Charges

	Non-	Variab	le Term	Option	
	recurring	Mo	nthly Ra	te	
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
Call-Back Queuing, per					
system	\$200.00	\$9.40	\$8.60	\$7.80	QRCPS

- 58. Authorization Code
 - a. Authorization Codes are used to identify callers for billing purposes and to control network access.
 - 1. Station-Specific Authorization Codes, an option of the Authorization Codes feature, allows an authorization code to be assigned to a single station. Class of service restrictions on a station are overriden only after the authorization code is checked against the station from which it as dialed.
 - b. Rates and Charges

		Non- Variable Term Option recurring Monthly Rate		<u> -</u>		_		
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC	-	
1.	Authorization code, per 25 codes or fraction thereof	\$80.00	\$1.20	\$1.10	\$1.00	ANVPG		
2.	Station-specific authorization code, per line	2.00	1.20	1.10	1.00	ANV	(N	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 188

5. CENTREX SERVICE (cont'd)

(1/1)

- H. Miscellaneous Service Arrangements (cont'd)
 - 1. Special Station Restrictions (cont'd)

Variable Term Option Termina-Monthly Rate tion 1 Mo. 36 Mo. 60 Mo. Liability

b. Other than Toll Restriction

A special restriction (i.e., any deviation from the standard station operation as described in this section for non-restricted, semi-restricted, restricted and dormitory types of stations) may be furnished, where facilities permit, at the following rate: Special restriction for one or more per station type

\$62.30 \$62.30 \$62.30

2. Conference Equipment

a. Manual type conference equipment for use at Centrex cord switchboard attendant positions is provided by customer.

		Non-	varia	ole Term	Option	Termina-
		recurring	Mo	onthly Ra	te	tion
		Charge	1 Mo.	36 Mo.	60 Mo.	Liability
b.	Key console attendant					

b. Key console attendant controlled dial conference equipment for the simultaneous interconnection of up to 5 lines (central office or tie lines and station lines).

\$147.65 \$62.30 \$62.30 \$62.30 \$512.20

- 3. Interposition Circuits are provided by customer.
- 4. Add-On Conference is provided by customer.
- 5. Special Recording Trunk Lines

Special recording trunk lines will be provided in connection with Centrex systems furnished to transient hotels and motels, hospitals and university dormitories subject to the rates in Part 4, Section 5 of the Ameritech Tariff.

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Variable Term Option

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5. CENTREX SERVICE (cont'd)

H. Miscellaneous Service Arrangements (cont'd)

- 6. Control Arrangements
 - a. Arrangement to permit WATS and FX lines to be transferred from manual control by a cord switchboard attendant to dial access by non-restricted stations of a Centrex CO system:

		recurring	Monthly Rate		
		Charge	1 Mo.	36 Mo.	60 Mo.
1.	Transfer arrangement including				

Non-

 Transfer arrangement including common control equipment, one required per WATS or FX line to be transferred

\$165.00 \$21.90 \$21.90 \$21.90

- 2. The following channels are required in addition to the transfer arrangement:
 - a. Type 2001 channel (2)

One Type 2001 channel to divert the station user to the attendant and one Type 2001 channel to give the attendant manual access to the WATS or FX terminal, at the rates and charges specified in Part 15, Section 2 of the Ameritech Tariff.

- b. Type 1001 channel (1) One Type 1001 channel used for control, at the rates and charges specified in Part 15, Section 2 of the Ameritech Tariff
- b. Arrangement to permit a key console attendant to deny stations of the system direct dialing access to special services such as, but not necessarily limited to, tie lines, foreign exchange service lines and WATS access lines:
 - Control equipment, including automatic advance of station dialed calls to attendant or busy tone, per group of lines individually controlled

220.35 53.05 53.05 53.05 (N)

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5. CENTREX SERVICE (cont'd)

- H. Miscellaneous Service Arrangements (cont'd)
 - 6. Control Arrangements (cont'd)
 - b. (cont'd)
 - 2. Control keys are customer provided
 - 3. Control channel, per control key

For rates and charges, see Type 1001 channels in Part 15, Section 2 of the Ameritech Tariff.

- 7. Individual Station Make Busy Arrangement
 - a. An arrangement of equipment which will permit a customer to establish an artificial busy condition on a Centrex station line during emergencies, off-hours, etc. When the stations involved are arranged for rotary service, at least one station of the rotary group must be excluded from the arrangement.
 - b. Station make busy arrangements consist of central office equipment, control channels, and control keys with guard lamps located on the customer's premises. One control key and guard lamp is required for each station or group of stations separately controlled.
 - c. Rates and Charges

		Var	iable Term (Monthly Rat	-
	1Mo. 36 Mo. 60 Mo.			60 Mo.
1.	Station make busy equipment pe	er		
	Centrex station	\$4.95	\$4.95	\$4.95

- 2. Control keys and guard lamps are provided by the customer.
- 3. Control channel, per customer's control key

For rates and charges, see Type 1001 channels in Part 15, Section 2 of the Ameritech Tariff.

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5. CENTREX SERVICE (cont'd)

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10. Message Register Equipment

H. Miscellaneous Service Arrangements (cont'd)

Message register equipment to permit the customer to request data on completed local calls for specific station lines of the system from Telephone Company central office equipment, and to receive that data in the form of a temporary visual display and, optionally, as a printed readout, will be provided with Centrex CO systems, where facilities permit, at the following rates and charges:

Non-	Variable Term Option
recurring	Monthly Rate
Charge	1 Mo. 36 Mo. 60 Mo.

- a. Call and program storage equipment is provided by the customer.
- b. Each 100 Centrex station lines, or fraction thereof, arranged for message registration

c. Consoles and printers are furnished by customer.

\$27.10 \$27.10 \$27.10

- 11. Special Intercept Service (SIS)
 - a. Description

Special Intercept Service (SIS) provides an additional announcement intercept other than nonworking station announcement and reference to listed directory number.

SIS on disconnected Centrex station lines, provides a reference of calls to another number via an automatic intercept system.

- b. Regulations
 - 1. SIS will be provided subject to the availability of telecommunication facilities and AIS equipment.
 - 2. Arrangements for the service are made with the understanding that the customer assumes all risk in connection therewith and that no liability attaches to the Telephone Company by reason of failure to complete any call.
 - 3. SIS is furnished subject to receipt of a customer's request in sufficient time to permit the Telephone Company to effect the necessary arrangements.

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5. CENTREX SERVICE (cont'd)

H. Miscellaneous Service Arrangements (cont'd)

- 12. Hot Spare Lines
 - b. Rates and Charges

	Non- recurring	Variable Term Option Monthly Rate			-		
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC	-	
1. Hot Spare line, each	\$ 12.50	\$3.00	\$2.50	\$2.10	HSP		
2. Hot spare electronic key line							
Service Establishment Charge, per occasion	159.00#	-	-	_			
per line	54.00	4.00	3.50	3.25	HSPX3		
3. Hot spare high speed data line, each	419.00	5.00	4.50	4.25	HSQX2**	()	

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[#] Hot spare electronic key line Service Establishment Charge is not applicable when installed on the same occasion as the electronic key capability feature.

^{**} Additional codes appear in departmental practice.



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5. CENTREX SERVICE (cont'd)

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I. Centrex Station Terminals

1. Description of Service

Centrex station terminals are furnished for connection to customerprovided systems comparable to a key equipment or key telephone system under the provisions of Part 2, Section 9 of the Ameritech Tariff, subject to the following:

- a. The Centrex station features described in A. preceding are also offered in connection with Centrex station terminals.
- b. Centrex station terminals may be arranged for non-restricted, semirestricted or restricted operation.
- c. Non-restricted and semi-restricted Centrex station terminals may have access to all tie lines, interexchange private lines, FX service and WATS access lines provided for the system.
- d. Centrex station terminals will be provided with Centrex CU and CO, Type I and Type II and 100 systems.
- e. Customer-provided PBX systems will be connected to Centrex service under the provisions of E., Tie lines, in lieu of this Paragraph I.

2. Monthly Rates

a. The following monthly rate applies to all Centrex station terminals for which a Telephone Company-provided protective connecting arrangement, customer-provided equipment or customer-provided protective circuitry is furnished for customer-provided communications systems, whether or not such customer-provided systems are actually connected thereto.

Monthly Rate

Centrex station terminal

\$49.60

b. The monthly rate set forth in a. above includes the provisions of a circuit between the Primary location's serving central office and a customer location which is in the basic serving area. When the customer location is in different central office area than is the Primary location's serving central office, a circuit rate applies per terminal.

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

THE OHIO BELL
TELEPHONE COMPANY



P.U.C.O. NO. 20
PART 20 SECTION 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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5. CENTREX SERVICE (cont'd)

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J. Centrex Arrangements for U.S. Government-Owned Communication Systems Serving Certified Military Bases

Subject to the regulations set forth in Part 2, Section 9 of the Ameritech Tariff, Centrex arrangements, associated with PBX trunk lines arranged for dialing access to stations of the military system, when such stations are so arranged, are furnished at the following rate, in addition to the rates and charges applicable for the PBX trunk lines furnished such military system:

Monthly Rate

Each Centrex arrangement, associated with a PBX trunk line arranged for dialing access to stations of a military system, when such stations are so arranged

\$46.15

- K. Electronic Tandem Switching (ETS) Features
 - 1. General

ETS features are Centrex optional features which are provided only in association with Centrex CO Service furnished from No. 1 Electronic Switching System (ESS) central office equipment, subject to the availability of facilities.

2. ETS Features

Except as specified in c. following, ETS is comprised of 2 basic features (Automatic Route Selection-Deluxe and Facilities Restriction Levels) and certain optional features as described in b. following.

- a. Basic Features
 - 1. Automatic Route Selection-Deluxe (ARS-D)-Provides automatic routing of outgoing calls over alternative facilities based on the call destination. Available with ARS-D are the following option:
 - a. Time of Day Routing permits selection of first choice and alternate routes for ARS-D routed calls to vary depending on which of up to three sets of ARS-D routing patterns (called Pattern Groups) is in effect.
 - b. More Expensive Route applies a distinctive tone to the line when the more expensive route within a pattern is selected.

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By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 197

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 2. ETS Features (cont'd)
 - a. Basic Features (cont'd)
 - 2. Facilities Restriction Levels (FRL's) FRL determines both the types of calls and types of facilities permitted within the calling privileges of the associated Centrex or PBX user. When Uniform Numbering/Automatic Alternate Routing is provided with FRL, a Traveling Class Mark (TCM) is transmitted to the distant PBX and permits determination like capability. FRL options include:
 - a. Authorization Codes An FRL option which permits a station user to dial a code which overrides the FRL.
 - b. Controlled Alternate Facilities Restriction Levels FRL's collectively upgraded or downgraded to a predetermined alternative set of FRL's.
 - b. Optional Features
 - 1. Deluxe Queuing Permits station users to be placed in a queue whenever all routes for completing a particular call are busy.
 - 2. Station Message Detail Recording to Premises (SMDR-P) Provides a record, on magnetic tape equipment located at the customer's premises, of calls origination from Centrex station lines to locations outside the same Centrex System.
 - Account codes An SMDR-P option which permits a station user to dial a series of digits (code) which will appear in the SMDR-P record for that particular call. The Account Code can be used by the customer for account or project identification.
 - 3. Uniform Numbering/Automatic Alternate Routing (UN/AAR) Provides automatic routing of calls between customer locations interconnected by tie lines ("on-net" calling). Options available under UN/AAR include:
 - a. Automatic Alternate Routing Provides for automatic selection of specified UN/AAR routes between customer locations when first-choice (primary) tie line routes are busy.
 - b. Automatic Overflow to DDD Permits completion of UN/AAR calls via the exchange network when all primary and alternate tie line routes are busy.

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5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 2. ETS Features (cont'd)
 - c. Customer Administration and Control Feature

The Customer Administration and Control Feature is available with ETS in conjunction with a Customer Administration Center (CAC) and/or a local Customer Administration Terminal (LCAT) operated at 300 baud, e.g., Dataspeed 40 or 43 Teleprinter. Customer Administration and Control is comprised of either or both of the following:

- 1. Facilities Administration and Control Provides capability for the customer to administer the assignment of parameters which determine user calling privileges.
- 2. Traffic Data to Customer Provides reports to customer (via CAC and/or LCAT) containing various traffic measurements relating to specified trunk groups and queues.

Facility assurance reports may be provided with the Customer Administration and Control Feature at the request of the customer. Such reports specify those trunks which have not been seized during a specified period or have been constantly off-hook during the same period.

3. Rates and Charges

а

a.	Automatic Route Sele	ection Deluxe Service Establish- ment			ble Term Tonthly Ra	-	
-	- 1	Charge*	Charge	1Mo.	36 Mo.	60 Mo.	_
1.	Access code common equipment, each code	\$4,335.40	\$1,753.55	\$593.00	\$593.00	\$593.00	
2.	Route selection patterns						
а.	Facilities terminated in pattern(s), each	-	-	6.35	6.35	6.35	
b.	Numbering Plan Area code only, each pattern	-	53.05	9.90	9.90	9.90	(N

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 193

5. CENTREX SERVICE (cont'd)

K. Electronic Tandem Switching (ETS) Features (cont'd)

a. Automatic Route Selection Deluxe (cont'd)

- 3. Rates and Charges (cont'd)
 - Service Establish- Non- Variable Term Option

	Establish- ment	Non- recurring		ble Term C Nonthly Rat	_
	Charge*	Charge	1Mo.	36 Mo.	60 Mo.
2. Route selection patterns (cont'd)					
c. Numbering PlanArea and centraloffice codes,each pattern	L -	\$226.10	\$29.40	\$29.40	\$29.40
d. Tie lines terminated in ARS-D pattern(s) each (in addition, tie line terminals a rates and charge specified in F. preceding are required.)	- at	-	6.25	6.25	6.25
-		Non- recurri Charge	ing	iable Term Monthly R . 36 Mo.	ate
 Arrangements for Pattern Groups f routing, each 					
4. Additions and Ch	anges				
a. Additions, dele changes of rout FRL's, or More Route tone appl existing patter pattern	tes, associated Expensive Lication in	53.0	5 -	_	-
b. Additions or ch Numbering Plan central office each code in ea	Area or code routing,	42.0	_		

43.85

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Group affected

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(N)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 194

5. CENTREX SERVICE (cont'd)

(N)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - a. Automatic Route Selection Deluxe (cont'd)

Non-	Variak	ole Term	Option
recurring	Mo	onthly Ra	.te
Charge	1 Mo.	36 Mo.	60 Mo.

- 4. Additions and Changes (cont'd)
 - c. Additions, deletions or changes in Time of Day Routing intervals, each

\$68.05 - -

- d. No charge for additions or deletions of facilities from an existing route.
- 5. ARS Design Recommendation

At the request of the customer and where facilities permit, the Telephone Company will provide an ARS design recommendation based upon the traffic data available and configured utilizing Telephone Company traffic engineering principles. The charges sown below for this service apply per occasion and include provision of the data to the customer in Telephone Company printed copy format. Because the recommended design provided to the customer is dependent upon the data available and the assumptions used, the Telephone Company cannot and does not guarantee optimum cost performance. After receiving the Telephone Company's recommendation, the ARS design to be implemented is the responsibility of the customer.

		Charge
a.	<pre>Tape Summarization Procedure Per occasion: - 1st 10,000 calls or fraction thereof processed - Each additional 1,000 calls or fraction thereof</pre>	\$1,800.00
	processed	55.00
b.	Manual Input Procedure Per occasion:	
	1st 10,000 calls or fraction thereof processedEach additional 1,000 calls or fraction thereof	1,600.00
	processed.	33.00

- * This charge is applicable when the tape summary module of the Traffic Engineering for ARS (TEARS) program is used to provide tape summarization of the customer's traffic.
- ** This charge is applicable when summarized data is available and input manually into an ARS engineering module of the TEARS program.

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Nonrecurring

(N)

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5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)

b. Facilities Restriction Levels

		Service					
		Establish-	Non-	Varia	able Term	Option	
		ment	recurring	N	Monthly Ra	te	
		Charge*	Charge	1Mo.	36 Mo.	60 Mo.	_
1.	Centrex station or incoming or two-way tie line terminations, each	-	\$ 4.20	\$.40	\$.40	\$.40	
2.	Authorization Codes						
a.	Common equipment	\$8,322.45	940.20	817.95	817.95	817.95	
b.	Authorization Codes each 100 codes or fraction thereof	-	41.55	13.00	13.00	13.00	
C.	Facilities terminated in ARS- D or UN/A/R patter(s), each	-	-	6.00	6.00	6.00	
3.	Changes						
a.	Changes in FRL station or tie line terminations, each	-	2.90	-	-	-	
b.	Change in Authorization Code and/or associated FRL, each	-	2.70	-	-	-	
c. D	eluxe Queuing						
1.	Common equipment	2,251.90	401.50	302.25	302.25	302.25	
2.	Queue, facility groups equipped, each	-	144.20	4.85	4.85	4.85	(N)

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(N)

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - c. Deluxe Queuing (cont'd)

	Service				
	Establish-	Non-	Variab	ole Term (Option
	ment	recurring	Mo	nthly Rat	te
3. Queue slots	Charge*	Charge	1Mo.	36 Mo.	60 Mo.
a. Ring-back queue slots, each	-	-	\$ 30.00	\$ 30.00	\$ 30.00
b. Recorded announcement					
i. Common equipment,eachii. Off-hook queue	-	\$72.00	146.50	146.50	146.50
slots, each.	-	-	45.00	45.00	45.00
. Wasin on man		Non- recurrin	.g N	able Term Monthly Ra	ate
c. Music on queue		Charge	1 Mo.	36 Mo.	60 Mo.
i. Common equipment, ii. Off-hook queue slo		\$72.70 -	\$215.75 43.85	\$215.75 43.85	

d. Connecting channel between serving central office common equipment and the music source on the customer's premises

4.	Changes		Nonrecurring Charge	
a.	_	from ring-back queue to off-hook queue or vice each queue	\$62.30	
b.	Change	in the quantity of queue slots, each queue	62.30	
c.	Change	in queue threshold time limit, each queue	62.30	
d.	Change	in recorded announcement	62.30	
e.		in post-queue routing from subsequent routes e or vice versa, each queue	62.30	(1)

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5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - d. Station Message Detail Recording to Premises

		Non-	Variak	ole Term	Option
		recurring	Mo	onthly Ra	ate
		Charge	1 Mo.	36 Mo.	60 Mo.
1. (Central office equipment				
a.	Common equipment	\$900.00	\$300.00	\$300.00	\$300.00
	Data sets (200 Series) are provided by the customer.				
b.	Facilities terminated in ARS-D or UN/AAR patterns when the system is equipped for originating records, each	20.00	2.50	2.50	2.50
c.	Tie line facilities equipped for terminating records, each	20.00	2.50	2.50	2.50

- 2. Premises equipment is provided by customer
- 3. Data channels required between serving central office common equipment and data set on customer's premises.

For rates and charges see Type 3002 Channels in Part 15, Section 2 of the Ameritech Tariff.

4. Additions and Changes

		Nonrecurring Charge	
a.	Account Codes-change in number of account code digits, each system	\$38.10	
b.	SMDR-P records-change from recording completed calls only to all calls attempted, or vice versa, each system	38.10	
C.	Change in status of all station lines in #1ESS customer group or individual facility from "records-not required" to "records-required", each system	5.10	(N)

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By Connie Browning, President, Cleveland, Ohio



PART 20 SECTION

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Original Sheet No. 198

Variable Term Option

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - e. Uniform Numbering/Automatic Alternate Routing

S	ervice	Non-	Vari	.able :	Term	Option	า	
Est	ablish-	recurring		Month:	ly Ra	te		
Men	t Charge*	Charge	1Mo.	36	Mo.	60	Mo.	

- 1. Common equipment \$7,885.20 \$2,516.10 \$1,299.00 \$1,299.00 \$1,299.00
- 2. Route selection patterns
 - a. UN/AAR 9.90 9.90 9.90 53.05 Patterns, each
 - b. Tie lines terminated in UN/AAR pattern(s)

For rate, see a-(2)-(d) preceding. In addition, tie line terminals at rates and charges specified in F. preceding are required.

Non-

		recurring	Mo	ıte	
		Charge	1 Mo.	36 Mo.	60 Mo.
С.	Facilities for Automatic Overflow to DDD, each (In addition, PBX trunk line(s) at the rates specified in Part 4, Section 2 of the Ameritech Tariff for the exchange area involved,	\$13.85		\$85.35	
	is required.)				

3. Additions and Changes

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- a. Additions, deletions or changes of routes or associated FRL's in existing patterns, each pattern 53.05 b. Additions or changes in "on-
- routing, each code c. No charge for additions or deletions of facilities from

network" location code

an existing route. Effective: January 9, 2003

68.05

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By Connie Browning, President, Cleveland, Ohio

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Original Sheet No. 200

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - f. Customer Administration and Control Feature (cont'd)
 - Central office equipment (cont'd)
 - b. Data set (200 Series) is provided by the customer

One individual non-residence line, at the rate specified in Part 4, Section 2 of the Ameritech Tariff, is required for the customer's data set.

2. Premises Equipment

An administration terminal must be provided by the customer. One individual non-residence line, at the rate specified in Part 4, Section 2 of the Ameritech Tariff, is required with the customer's administration terminal.

L. Prices

1. Service Elements

Effective June 21, 2002, 84-Month Term Payment Plans will no longer be available for PRI Connection Service. Current PRI Connection customers may continue to retain their existing service as is at their current address until the 84-month contract term expires. Any customer requested changes to the existing Service will require the customer to select a new contract term payment plan or the month-to-month option at the then current tariff rates. Ameritech will not impose termination liability to those customers required to make a contract term change.

Upon completion of the 84 month TPP term, customers may continue receiving the Service at the then-current rates under any available payment plan. If the customer does not select a new payment plan and does not request discontinuance of the Service, the month-to-month tariff rates in effect at such time will automatically apply.

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6. EXHIBITION HALL SERVICE

(N)

(N)

All Exhibition Hall Service customers, whether or not under contract, may retain or expand their Exhibition Hall systems until December 31, 1996 or until the expiration of their contract, whichever is later.

A. GENERAL

- 1. Exhibition Hall Service will be furnished to a public authority for the sole purpose of providing a telephone system for use in the managing and operating of a public auditorium or exhibition hall. The Telephone Company will also furnish stations on such telephone system to exhibitors who lease space in the public auditorium or exhibition hall. Exhibition Hall Service is an arrangement of switching equipment and other facilities providing for:
 - a. Inward dialing incoming calls from outside the exhibition hall system may be made to non-restricted stations of the system, without the aid of the attendant, by dialing the number of the exhibition Hall system station.
 - b. Outward dialing non-restricted stations of the system having full outward dialing privileges may dial outgoing local calls and message toll telephone service calls to dialable points.
 - c. Identification of individual non-restricted stations on outward message toll telephone service calls.
 - d. Dial intercommunication between all stations connected to the system.
 - e. Attendant services including:
 - (1) Completion of calls coming into the telephone number associated with the primary listing to non-restricted Exhibition Hall system stations.
 - (2) Transfer to incoming calls from outside the system from one non-restricted station to another by the attendant.
 - (3) Arrangements whereby calls to the telephone number associated with the primary listing coming in at night when the attendant position is unattended, can be answered at designated Management stations.
 - (4) Interception of calls to non-working stations of the system.
 - f. Mechanical interception of calls to non-working stations of the system in lieu of attendant interception.

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6. EXHIBITION HALL SERVICE (cont'd)

A. GENERAL (cont'd)

- 2. Exhibition Hall Service is served by switching equipment located on Telephone Company premises and is limited to the 523 central office of the Cleveland Exchange Area.
- 3. Description of Terms Used in this Section
 - a. Public Authority

An organization authoritatively serving or representing the public, such as a municipality, state, governmental agency or commission.

b. Management

A customer, i.e., a public authority, engaged in the managing and operating of a public auditorium or exhibition hall used for trade shows, conventions, public exhibitions, etc.

c. Exhibitor

A person, corporation, association, etc., who leases space from the Management during trade shows, conventions, public exhibitions, etc., on a short term basis, usually not to exceed thirty days.

d. Exhibition Location

A continuous property location of the Management customer which is occupied by the Management and from time to time by Exhibitors.

- e. Exhibition Hall System Stations
 - (1) Management Restricted Station

A main station having intra-system dialing privileges only, and having no access to or from the attendant, or to or from exchange and message toll telephone services. Restricted stations may be connected to any other station of the system.

(2) Exhibitor Station

A non-restricted main station of the Exhibition Hall Service which has full inward and outward dialing privileges and access to and from the attendant position or positions.

(N)

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By Connie Browning, President, Cleveland, Ohio

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 204

6. EXHIBITION HALL SERVICE (cont'd)

A. GENERAL (cont'd)

- 4. Exhibition Hall System Station Locations
 - a. The attendant position, or positions, the terminations of the lines associated with the Management's primary listing, Exhibitor stations and Exhibitor extension stations shall be confined to the Exhibition location.
 - b. Management stations and Management restricted stations are generally confined to the Exhibition location, but may be provided at non-continuous property locations when such stations are solely for the use of the Management in the operation of the public auditorium or exhibition hall. Rates as specified in Part 4, Section 5 of the Ameritech Tariff apply to the circuits required for such stations.
- 5. Customer Responsibilities
 - a. Management

The Management shall subscribe to Exhibition Hall Service. All operating of the attendant position, or positions, at the Exhibition location is performed by, and at the expense of, the Management and must conform with the operating practices and procedures which the Telephone Company may adopt to maintain a proper standard of service.

b. Exhibitors

Each Exhibitor shall subscribe to Exhibitor Exhibition Hall system stations directly from the Telephone Company and shall be responsible for the payment of all charges applicable to the station, or stations, to which he subscribes.

- 6. Service of an Exhibitor may not be assigned or transferred to any other customer.
- 7. Other equipment and services requested by customers to Exhibition Hall Service and compatible with this service will be furnished in accordance with regulations, rates and charges specified in the applicable sections of this Tariff and tariffs of the Telephone Company.
- 8. Where quantities of switching equipment or central office lines in excess of those considered standard by the Telephone Company are requested, such additional facilities will be furnished at rates and charges base upon cost incurred.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 206

7. AIRPORT SERVICE

contract, may retain (N)

All Airport Service customers, whether or not under contract, may retain or expand their Airport Service systems until December 31, 1996 or until the expiration of their contract, whichever is later.

A. REGULATIONS

- 1. Description of Offering
 - a. Airport service is limited to telephone customers located within the bounds of the airport common location, except that airport intercommunicating line stations, as described in A-2 following, may be furnished to other airports, airline offices, Governmental agencies and air freight companies locate outside the bounds of such common location. Airport Service is offered only in the following areas:

Exchange Area	<u>Central Office</u>
Cleveland	362
Columbus	231

- b. For purposes of this service offering, an airport common location includes all the plots of ground under a single ownership which are occupied by the various customers engaged in activities related to Ohe airport and which, except for such multi-customer occupancy, otherwise meet the definition of a continuous property, as set forth in Part 2, Section 2 of the Ameritech Tariff.
- c. One customer, designated by the group of Airport Service customers, shall be responsible for each of the following:
 - (1) Provision of a common loudspeaker paging system, if such a system is required by the Airport Service customers. (N)

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Original Sheet No. 208

7. AIRPORT SERVICE (cont'd)

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A. REGULATIONS (cont'd)

- 2. Types of Service Available to Airport Service Customers (cont'd)
 - a. Airport Switching Systems (cont'd)
 - 4. The following types of stations are provided on these systems:
 - Non-restricted stations.
 - Semi-restricted stations which are restricted from direct outward dialing privileges.
 - Restricted stations which are limited to intercommunication within the customer's airport switching system and optional access to the common loudspeaker paging system. Restricted stations without such paging system access may also be located on premises of others than the customer provided that exchange service is also provided at such premises.
 - 5. Interexchange private lines other than those described in Part 5, Section 1 of this catalog, CCSA access lines, tie lines, WATS access lines and FX service lines may terminate in an airport switching system provided such lines are services of the customer and, when used to connect other systems with the airport switching system, such other systems are also services of the customer. When attendant positions are provided with airport switching systems, manual terminations of the lines described above may be furnished in lieu of the dial terminations regularly provided.
 - 6. One common mechanical intercept arrangement will be provided to intercept calls to non-working stations of all the airport switching systems which are a part of the Airport Service.
 - 7. Airport Switching System station lines are offered under the Variable Term Payment Plan as described earlier in this Section (refer to Paragraph 5.1 CENTREX CO SERVICE). Customers to station lines furnished under the 36 month variable term option (1) must comply with all the provisions of said Variable Term Payment Plan, and (2) must collectively subscribe to 100 Airport Switching System station lines.

(N)

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Original Sheet No. 210

(N)

7. AIRPORT SERVICE (cont'd)

B. RATES AND CHARGES (cont'd)

- 1. Airport Switching Systems (cont'd)
 - b. Stations
 - 1. Primary Locations
 - a. Station lines

		Variable Term Option Monthly Rate		
		1 Mo.	36 Mo.	
-	For intercommunication			
	Type I	\$30.00	\$30.00	
	Type II	34.60	34.60	
-	Restricted station lines			
	Type I and II	15.00	15.00	

- b. Station Set
 See Part 8, Section 8 of the Ameritech Tariff
- 2. Secondary Location
 - a. The rate per station is that specified in (1) preceding, as appropriate, plus circuit rates.
- 3. Message Allowance
 - a. No message allowance is provided for airport switching system stations. The charge for each outgoing local message is that specified for message rate service additional local message in Part 4, Section 2 of the Ameritech Tariff.
 - b. Local message charges are not applicable to calls between Airport Service customers.
- c. Miscellaneous Equipment and Facilities

The following may be furnished with airport switching systems at the rates and charges specified for Centrex Service:

- •TOUCH-TONE Calling Service
- •Tie line terminals

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- •Interexchange tie line terminals
- ullet CCSA access line terminations

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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7. AIRPORT SERVICE (cont'd)

B. RATES AND CHARGES (cont'd)

- 1. Airport Switching Systems (cont'd)
 - c. Miscellaneous Equipment and Facilities (cont'd)

The following may be furnished with airport switching systems at the rates and charges specified for Centrex Service: (cont'd)

- •Special station restrictions
 - a. Toll restriction
 - b. Other than toll restriction
- •Centrex Optional Features
- 2. Airport Intercommunicating stations
 - a. Station lines
 - 1. Intercommunicating line
 - b. Circuit rates, as covered in Part 4, Section 5 of the Ameritech Tariff, apply to stations located outside the bounds of the airport common location.

(N)

(N)

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EXHIBIT A SHEET 122



Cancels

3rd Revised Sheet No. 213

2nd Revised Sheet No. 213

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8. CENTREX SERVICE (cont'd)

D. FEATURES

Feature Availability (cont'd)

N/A - Not Applicable Std.-Standard Opt.-Optional

ISDN Services

On Demand Packet Switched Data "B" Channel Service	Opt.
Packet Switched Data "B" Channel Service	Opt.
Packet Switched Data "D" Channel Service	Opt.

ISDN Packet Switched Data "B" or "D" Channel

Call Diverting	Std.
Closed User Group (CUG) - Additional Member	Opt.
Closed User Group (CUG) - Individual Design	Opt.
Default Throughput Class Assignment	Std.
Direct Call	Opt.
Fast Select Fast Select Acceptance	Std.
Flow Control Parameter Negotiation	Std.
Hunt Group	Opt.
Intercom Calling	Std.
Logical Channels	Std.
Non-Standard Default Flow Control Parameters	Std.
Permanent Virtual Circuit	Opt.
Recognized Private Operating Agency Selection	Std.
Reverse Charging	Std.
Reverse Charging Acceptance	Std.
Standard "B" Packet Parameter Arrangement	Std.
Standard "D" Packet Parameter Arrangement	Std.
Throughput Class Negotiation	Std.
Transit Delay Selection and Indication	Std.

/1/ System

Ameritech Centrex Network Manager (Dedicated Access)

/1/ Material formerly appeared on 2nd Revised Sheet 14 in Part 5,

Effective: February 1, 2007

Section 1 of this Tariff.

Issued: February 1, 2007

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By Connie Browning, President, Cleveland, Ohio

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet No. 214.6

Cancels

Original Sheet No. 214.6

8. CENTREX SERVICE

F. PRICES

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1. General **

The following rates and charges are applicable to standard installations of Ameritech Centrex Service. The total charge per Centrex line is the appropriate Exchange Access Line Charge, End User Line Access Charge, and Centrex Intercommunication Line rates and charges.

2. Centrex Lines

a. Centrex Exchange Access Line Charge **

Includes Direct Inward Dialing and Touch-Tone. No message allowance is provided. The message or measured rate usage charges in Part 4, Section 2 of this Tariff are applicable. ISDN Centrex lines are only available with Measured Rate Service.

Message Rate Service*
Measured Rate Service*

- * See Part 20, Section 5 of this Tariff.
- b. End User Line Access Charge **

Centrex Lines, Electronic Key Lines and ISDN Centrex Lines

The application of End User Line Access Charge will apply as set forth in Part 20, Section 5 of this Tariff.

** Effective January 9, 1995 no new installations of this structure of Exchange Access and End User Line Access charges will be made. Customers who are on a Centrex Variable Term Payment Plan (VTPP) contract, longer than month to month, on the aforementioned date, will be permitted to expand their system until the expiration of the VTPP contract. All Centrex customers whether or not under the VTPP contract may retain or expand their Centrex systems until December 31, 1996. See Part 5, Section 1 of this Tariff for new system installations.

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THE OHIO BELL
TELEPHONE COMPANY



P.U.C.O. NO. 20
PART 20 SECTION 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet No. 215
Cancels
Original Sheet No. 215

9. AMERITECH BUSINESS SOLUTIONS CENTREX

Effective July 25, 1996, new installations of Ameritech Business Solutions Centrex will no longer be made. Customers who are under contract will be permitted to expand their system, under the terms of their contract, until the expiration of the contract. Upon expiration of their contract, customers must choose another service. All month-to-month customers must choose another service by March 1, 1998.

A. DESCRIPTION

Ameritech Business Solutions Centrex is a local exchange telecommunications service, provided by a telecommunications system located in a telephone company central office, which controls the switching of:

- Calls from the exchange network to the Centrex lines,
- Calls from the Centrex lines to the exchange network,
- Intercommunicating calls between Centrex lines.

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Direct Inward Dialing is provided to the Centrex by line selection in the central office.

Identification of outward dialing is provided for Centrex lines by individual line identification in the central office for those interexchange carriers for which the Company renders billing services.

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Ameritech Business Solutions Centrex offers two types of lines:

- Basic Lines
- Electronic Key Lines

Ameritech Business Solutions Centrex is offered only as a complete service. The network access and intercom portions of the Centrex station lines are not provided separately.

Ameritech Business Solutions Centrex is usage sensitive as well as subject to PBX trunk equivalents.

Ameritech Business Solutions Centrex will utilize the following PBX trunk equivalent schedule in determining Network Access, Competitive Loops and Message Usage packages, where applicable. End User Common Line (EUCL) charges apply per Centrex station.

Ameritech Business Solutions Centrex will utilize the following PBX trunk equivalent schedule in determining Network Access, Competitive Loops and Message Usage packages, where applicable. End User Common Line (EUCL) charges apply per Centrex station.

See the Other Applicable Charges in the **PRICES** section for applicable charges.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

A. DESCRIPTION (cont'd)

Centrex Line in Use	PBX Trunk Equivalents
2 - 19	2
2 - 19 20 - 28	2 3
29 - 38	3 4
39 - 47	5
48 - 57	6
58 - 66	7
67 - 76	8
77 - 85	9
86 - 95	10
96 - 104	11
105 - 114	12
115 - 114	13
115 - 125	13
133 - 142	15
143 - 151	16
143 - 151	17
162 - 161	18
171 - 180	19
181 - 189	20
190 - 199	20
	22
200 - 208 209 - 218	22
219 - 218	23
228 - 236	25
	25 26
247 - 255	27
256 - 265	28
266 - 274	29
275 - 284	30
285 - 293	31

Each additional 12 lines, or fraction thereof, requires 1 additional trunk

B. DEFINITIONS

Addition

Provision of supplementary service to a customer's installed system up to the capacity of the system.

Centum Call Seconds

A CCS is defined as a measure of traffic usage expressed in Hundred Call Second Increments (where the Latin letter C represents one hundred). One call which lasts 100 seconds constitutes one CCS.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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B. DEFINITIONS

Downgrage

Enumerated changes to an installed system generally resulting in a decrease in capacity, capability and/or lower monthly charge.

Line Commitment

The number of lines the customer has selected as the contract commitment.

Payment Plan

A period of time selected by the customer from among those currently offered by Ameritech, over which the customer agrees to pay a specified price for a product/service.

Removal

Deletion of equipment or service from a customer's installed system.

C. TERMS AND CONDITIONS

Provision of Service

Ameritech Business Solutions Centrex (Centrex) is provided from switching equipment located on Ameritech premises and is offered for 2 or more lines subject to the availability of facilities. Variations in the switching and control equipment used may cause differences in the operations or availability of certain features. Ameritech Business Solutions Centrex is provided at the option of Ameritech and is furnished subject to central office switching capacity and the availability of outside plant facilities. Ameritech Business Solutions Centrex is limited to a minimum of 2 lines.

Intercept of Calls to Unassigned Station Line Numbers

Incoming and Intra-group calls to unassigned numbers are intercepted by standard recorded announcement. Customized recorded intercept messages may be provided where facilities permit at additional charges.

Suspension of Service

Suspension of service is not offered for Ameritech Business Solutions Centrex.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet No. 218
Cancels
Original Sheet No. 218

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

C. TERMS AND CONDITIONS (cont')

Centrex Service Guarantee

Centrex Service Guarantee enables customers to install a Centrex System, and if during or up to 90 days after the initial service is installed, the customer decides not to retain the Centrex service, the System Charge and the non-recurring charge for installed Centrex and/or Electronic Key lines will be credited to the customer's account provided that:

The customer will be responsible for any non-recurring charges associated with the installation of any new service (Exchange Access lines), other than Centrex service.

A customer who requests termination of the Centrex service before expiration of the initial 90 days may have their prior Ameritech service reconnected without incurring any non-recurring charges, provided the identical service (Exchange Access Lines) is being reconnected. Any non-recurring charges attributable to changes from the customer's prior service will be paid by the customer.

The Centrex Service Guarantee shall not apply to Centrex Systems which include the following optional feature; however, a customer selecting Centrex service may add the following feature after the expiration of the initial 90 day period and upon payment of any applicable non-recurring charges:

Centrex Message Signal Interface (CMSI)

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Customers selecting the Centrex Service Guarantee may make changes to their Centrex service (station additions, feature changes and additions) subject to the above sub-paragraph.

Customers must have a signed confirmation of order and select a 12, 36, 60 or 84 month payment plan. Centrex Service Guarantee is not available for service subscribed to on a month to month payment option; temporary service or promotional events. The 90 day trial period will be considered as the first 90 days of the contract.

Prices, charges, terms and conditions specified elsewhere in the offering for Centrex service shall apply.

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Original Sheet No. 219

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

C. TERMS AND CONDITIONS (cont')

Transmission Specifications

Centrex Line Standard Transmission

The standard transmission specification for Centrex lines consists of: dial pulse signaling or Dual Tone Multi-Frequency (DTMF) signaling - approximate bandwidth of 300 to 3,000 Hz, loss of 0 to 8.5 dbm at 1004 Hz.

Loop Start Signaling

Centrex lines and Electronic Key lines are provided on a single two-wire facility with loop start signaling.

Electronic Key Line Standard Transmission (Non-ISDN)

Electronic Key Lines are provided on a non-loaded loop for access by preprogrammed push button features on compatible Customer Provided Equipment. The distance limitations from Ameritech's switching equipment is approximately 2.5 miles.

Interface Specifications for Customer Provided Equipment

Customer Provided Equipment (CPE) compatibility requirements are listed in Ameritech Technical References. All Customer Provided Equipment used to interface with Ameritech Business Solutions Centrex is required to conform with the Technical Reference Specifications as used by Ameritech and found in the following Technical references:

Subject	Technical Reference	

AM-TR-TSY-000030
AM-TR-TSY-000031
AM-TR-TSY-850004
AM-TR-TSY-850005

The Technical References can be obtained from:

Assistant Manager Information Management Ameritech Services, Inc., 2000 W. Ameritech Center Drive, Hoffman Estates, IL 60196

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

C. TERMS AND CONDITIONS (cont')

Local Service Area

The exchange or zone of the serving wire center for Ameritech Business Solutions Centrex determines the local service area for all station lines. (See the Reference section for the location of applicable charges.)

Termination at another location

An Ameritech Business Solutions Centrex customer may terminate one or more lines at another business customer's location when the lines are used exclusively for the Ameritech Business Solutions Centrex customer's own communication needs. The following regulations are applicable:

- The Ameritech Business Solutions Centrex lines must be restricted from placing calls outside the Ameritech Business Solutions Centrex system (intercom only stations);
- The Ameritech Business Solutions Centrex customer is responsible for all non-recurring charges and recurring prices for the Ameritech Business Solutions Centrex system;
- The Ameritech Business Solutions Centrex customer is responsible for all the service associated with the Ameritech Business Solutions Centrex lines including, but, not limited to directory listings and incoming MTS toll charges.

Mileage Charges

Where facilities permit, Centrex lines and Electronic Key lines may be provided to a customer's location outside the serving CO area. In such cases, in addition to the prices for the specific Centrex line, appropriate mileage charges apply. (See the Reference section for the location of applicable charges.)

Cancellation of Service

In the event of a customer initiated cancellation of service, equipment and/or facilities before completion, or after installation is completed, but prior to service being established, the loss of equipment and facilities in the process of building or being installed, cost of installation labor, cost of removal and other expenses will apply. In addition, Service Connection Charges may also be applicable.

Resale

Centrex service may be resold, shared or otherwise aggregated among unaffiliated end users to accommodate a shared tenant/reseller environment as a business class of service only.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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C. TERMS AND CONDITIONS (cont'd)

Resale (cont'd)

Station to station calling is only allowed among affiliated end users. Unauthorized intercom calling may result in cancellation of the service to Centrex resellers, sharers or aggregators violating this prohibition pursuant to this offering.

The reseller, sharer or aggregator is responsible for payment of all charges including deposits and termination charges.

The reseller, sharer or aggregator is the customer of record with regard to any rights or privileges concerning the control or access of the telephone number or numbers.

System Charge

The System Charge is applicable to the establishment of any new Centrex system and to any relocation of an entire Centrex system, unless the customer's relocation is within the serving central office boundary.

The System Charge will be determined at time of installation based on the total number of equipped and reserved telephone numbers. A System Charge applies to each Ameritech Business Solutions Centrex arrangement or common block.

The System Charge may be paid in full on the first bill after cut over of the system or may be financed under the provisions of the Deferred Payment Plan.

D. FEATURES

Ameritech Business Solutions Centrex Packages

Silver Package

Inherent Features

Intercom Dialing
End to End Signaling
Equal Access for InterLATA calling
Direct Outward Dialing
Direct Inward Dialing
Usage Billing by Line Number
Touch-Tone

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

Ameritech Business Solutions Centrex Packages (cont'd)

Silver Package (cont'd)

Basic Features

Conference Calling-3 way
Consultation Hold
Call Forwarding-Variable/Ring Reminder
Call Pick Up
Call Transfer-All
Call Transfer-Deluxe
Hunting Arrangements-Series and Circular Hunt Only

Gold Package

Inherent Features

Intercom Dialing
End to End Signaling
Equal Access for InterLATA calling
Direct Outward Dialing
Direct Inward Dialing
Usage Billing by Line Number
Touch-Tone

Basic Features

Conference Calling-3 way
Consultation Hold
Call Forwarding-Variable/Ring Reminder
Call Pick Up
Call Transfer-All
Call Transfer-Deluxe
Hunting Arrangements-All

Deluxe Features

Speed Calling-Short
Call Hold
Call Forwarding-Don't Answer
Call Forwarding-Busy
Night Answer
Call Diverting
Call Waiting/Cancel Call Waiting
Call Forwarding of Call Waiting Calls
Distinctive Ringing and Call Waiting Tones

Centrex Mate

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

Ameritech Business Solutions Centrex Packages (cont'd)

Platinum Package

Inherent Features

Intercom Dialing
End to End Signaling
Equal Access for InterLATA calling
Direct Outward Dialing
Direct Inward Dialing
Usage Billing by Line Number
Touch-Tone

Basic Features

Conference Calling-3 way
Consultation Hold
Call Forwarding-Variable/Ring Reminder
Call Pick Up
Call Transfer-All
Call Transfer-Deluxe
Hunting Arrangements-All

Deluxe Features

Speed Calling-Short
Call Hold
Call Forwarding-Don't Answer
Call Forwarding-Busy
Night Answer
Call Diverting
Call Waiting/Cancel Call Waiting
Call Forwarding of Call Waiting Calls
Distinctive Ringing and Call Waiting Tones

Centrex Mate

Advanced Forward and Directory Package

Personal Call Screening Network Speed Calling (1st 100 numbers) Call Forwarding Over Private Facilities

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

Ameritech Business Solutions Centrex Packages (cont'd)

Platinum Package (cont'd)

Call Productivity Package

Automatic Call back
Call Park (where facilities permit)
Directed Call Park
Directed Call Pick Up
Last Number Redial

Cost Control Package

Customized Call Diverting Remote Access (where facilities permit) Authorization Codes Automatic Route Selection-Deluxe

Packages

The following packages are available as indicated:

N/A - Not Applicable Opt. - Optional Std. - Standard

Packages	Silver	Gold	Platinum
Voice Mail Network Support	Opt.	Opt.	Opt.
Message Waiting Indicator-Audible <u>or</u> CLASS Visual Message Waiting Indicator			
Call Forwarding-Don't Answer (5 paths) Call Forwarding-Busy		Std. Std.	Std. Std.
Caller ID Intercom Package	Opt.	Opt.	Opt.
Caller ID	Opt.	Opt.	Opt.
Advanced Forward and Directory Package	N/A	N/A	Std.
Personal Call Screening Network Speed Calling (first 100 numbers) Additional Speed Calling Numbers (per 100 numbers) Call Forwarding Over Private Facilities			
Call Forwarding Over Private Facilities			

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

Packages (cont'd)

The following packages are available as indicated: (cont'd)

N/A - Not Applicable Opt. - Optional Std. - Standard

Packages	Silver	Gold	Platinum
Call Productivity Package Automatic Call back Call Park (where facilities permit) Directed Call Park Directed Call Pick Up Last Number Redial	N/A	Opt.	Std.
Cost Control Package Customized Call Diverting Remote Access (where facilities permit) Authorization Codes Automatic Route Selection-Deluxe	N/A	N/A	Std.
Audio Conferencing 6 Port Conferencing	N/A	Opt.	Opt.
Enhanced Audio Conferencing 30 to 150 Ports	N/A	Opt.	Opt.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

FEATURES (cont'd)

Packages (cont'd)

The following packages are available as indicated: (cont'd)

N/A - Not Applicable

Opt. - Optional

Std. - Standard

Packages Silver Gold Platinum Electronic Key Line N/AOpt. Opt. Analog Line Pickups Automatic Dial Automatic Line Preselect Blind Transfer with Recall Identification Call Forwarding per Key Call Request Call Request with Queue Called Number Display Calling Number Display - Intercom Calling Reason Display Display Capability Directory Number Hunt with Call Waiting and Preferential Hunt Executive Busy Override Executive Busy Override - Exempt Group Intercom Individual Page All Calls Intercom Key Last Number Redial Leave Message Activation Listen on Hold Make Set Busy Make Set Busy except on Group Intercom Message Waiting Activation Control

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Message Retrieval Display

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

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Original Sheet No. 227

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

FEATURES (cont')

Packages (cont'd)

The following packages are available as indicated: (cont'd)

N/A - Not Applicable

Opt. - Optional

Std. - Standard

Packages Silver Gold Platinum

Electronic Key Line (cont'd)

Multiple Appearance Directory Numbers -

Single Call Arrangement (SCA)

Bridging

Conference Interaction

Conference w/3-Way Calling

Privacy

Ring Again Idle Set

Message Waiting Indication - Visual

On Hook Dialing

Privacy Release Conference Control

Repeat Alert

Ringing Options for MADN

Secondary MADN Call Forwarding

Set Inspect

Short Hunt

Stop Hunt - Access Code

Time and Date Display

Centrex Virtual Network N/A Opt. (T)

Area Wide Networking N/A Opt. Opt.

Centrex Message Signal Interface (T)

Announcement Services N/A Opt. Opt.

Customer Premises Announcements Central Office Recorded Announcements N/A Opt. Opt.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

D. FEATURES (cont'd)

Optional Features

The following packages are available as indicated:

N/A - Not Applicable

Opt. - Optional Std. - Standard

	Silver	Gold	Platinum
Assume Dial 9	N/A	Opt.	Opt.
Drame Drar J	IV/ A	opc.	Opc.
Call Request with Queue	N/A	Opt.	Opt.
Direct Connect Originating	N/A	Opt.	Opt.
Electronic Key Line Options Features	N/A	Opt.	Opt.
Calling Name Display on Intercom			
DSS/BLF with Fast Transfer and Camp On			
Executive Display Communications			
Multiple Appearance Directory Numbers-			
Multiple Call Arrangement			
Query Busy Station			
Secondary Directory Telephone Numbers			
Add-On Module - 10 or 18 Button			
Add-On Module - 20 or 30 Button			
Do Not Disturb	N/A	Opt.	Opt.
High Speed Data Service	N/A	Opt.	Opt.
Make Busy Access Code	N/A	Opt.	Opt.
Private Facility Access Termination	N/A	Opt.	Opt.
Special Intercept	N/A	Opt.	Opt.
Speed Calling-Expanded Number Group	N/A	Opt.	Opt.
Speed Calling-Long	N/A	Opt.	Opt.
Stop Hunt Key	N/A	Opt.	Opt.
Supplemental 3 Digit Dialing	N/A	Opt.	Opt.
Trunk Verification from Designated	N/A	Opt.	Opt.
Stations	N/A	Opt.	Opt.
Uniform Call Distribution	N/A	Opt.	Opt.
Queue Slots	N/A	Opt.	Opt.
Music On Hold Interface	N/A	Opt.	Opt.
Outgoing Deluxe Trunk Queuing	N/A	Opt.	Opt.
	•	- <u>-</u> - ·	- L
Virtual Routing	N/A	Opt.	Opt.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

D. FEATURES (cont'd)

Line Features

Analog Line Pickups

Allows analog lines to have a line appearance on the CPE Electronic Key set.

Automatic Callback

Permits a user who places an intrasystem call to a busy Centrex number to be automatically connected to that line when both the called and calling station lines are available.

Automatic Dial

Provides for automatic dialing of a single telephone number via a specific button on the CPE telephone.

For Centrex users with properly equipped Customer Provided Equipment (CPE) having display capabilities, this feature displays the number currently programmed for Automatic Dial.

Automatic Line Preselect

Automatically connects a user to a preselected line when the handset is lifted. Preselect can be configured to select a ringing line, an idle line, a primary line, or no line.

Blind Transfer with Recall Identification

Allows a station to transfer a call to another party without waiting for that party to answer. If the other party does not answer the transferred call in a specific time-out period, the station from which the call was transferred is recalled. On sets with the optional display that have been assigned the text-message option an alphanumeric message is displayed to help identify Blind Transfer recalls.

Call Diverting

Outgoing calls may be screened so that completion of calls to preselected areas is denied. Each arrangement is a predefined standard. The following arrangements are standard: intercom only ($\underline{\text{fully}}$ $\underline{\text{restricted}}$), intercom and local calls ($\underline{\text{semi-restricted}}$), and intercom, local and toll calls (unrestricted).

Denied Origination prohibits call origination from designated Centrex stations.

Denied Termination prohibits call completion to designated Centrex stations.

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Original Sheet No. 230

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

D. FEATURES (cont'd)

Line Features (cont'd)

Call Forward of Call Waiting Calls

Allows station users that have Call Forwarding and Call Waiting assigned to their lines to forward Call Waiting calls that are not answered within a set period of time automatically to a predetermined destination.

Call Forwarding -Variable

Provides routing of incoming calls, to a preselected station line, attendant, or to a line outside the system.

Call Forwarding Reminder Ring provide a ring splash when an IntraGroup call is forwarded and the base station is idle.

Call Forwarding - Busy

Allows incoming calls to a busy station to be routed to a preselected Centrex station line, attendant, or line outside the system.

Incoming Call Only allows only incoming calls from outside of the Centrex group to be forwarded.

Internal/External Split allows separate, forwarded-to directory numbers to be assigned for calls that originated internally or externally to the customer group.

Station Activation allows a customer to activate/deactivate the feature as well as program the forward-to station from the set by using a dial access code.

To External Number allows calls to be forwarded to a number outside of the Centrex group. (Customer is responsible for any local or toll charges on forwarded calls outside the system).

Call Forwarding - Don't Answer

Allows incoming call to automatically route to a preselected Centrex station line, attendant or to a line outside the Centrex group when the called station is not answered after a preset number of rings.

Incoming Call Only allows only incoming calls from outside of the Centrex group to be forwarded.

Ring Cycles defines a predetermined number of rings before the Call Forward-Don't Answer feature is invoked on a per line or a per system basis.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

Line Features (cont'd)

Call Forwarding - Don't Answer (cont'd)

Internal/External Split allows separate, forwarded-to directory numbers to be assigned for calls that originated internally or externally to the customer group.

Forwarded Number Busy Interaction Enhancement on a customer group basis, additional treatment options can be given to incoming calls that are forwarded to the forward-to destination when busy. The available options are:

Treat the call according to any features assigned to the forward-to destination (current functionality); or

Do not forward the call, but continue to ring the base station until answered or abandoned; or

Do not forward the call, but provide an intercept announcement.

Station Activation allows a customer to activate/deactivate the feature as well as program the forward-to station from the set by using a dial access code.

To External Number allows calls to be forwarded to a number outside of the Centrex group. (Customer is responsible for any local or toll charges on forwarded calls outside the system).

Call Forwarding per Key

Allows an electronic key line user to enable each telephone number assigned this feature to call forward to a different number or destination. For Centrex users using properly equipped Customer-Provided Equipment with display capabilities, this feature displays the number currently programmed for the Call Forwarding feature.

Call Forwarding Over Private Facilities

Enables a station user to establish automatic forwarding of incoming calls to a specific private facility access group.

Call Hold

Allows a station user to hold a call in progress by dialing an access code, place another call and alternate between the two calls with privacy.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(丸)

D. FEATURES (cont'd)

Line Features (cont'd)

Called Number Display

Capability to display the called number with the proper customer provided equipment.

Caller ID-Intercom

The caller's number, if not blocked, is displayed on compatible Customer Provided Equipment when an incoming call is received.

Calling Name Display on Intercom

Provides delivery of the calling name on calls from other station users within the Centrex system to station users with Electronic Key Line sets.

Calling Number Display - Intercom

Capability to display the calling number within the system with the proper customer provided equipment.

Calling Reason Display

In addition to a display of both the caller's number and the number being called, this also indicates the reason a call has been forwarded.

Enhancement provides more information on redirected calls.

CLASS Visual Message Waiting Indicator

Provides a visual indication when messages have been left for subscribers who also subscribe to compatible voice messaging systems. For subscribers with display sets or adjuncts, the date and time of the messages are also displayed (DMS 100 only and if the messaging service supplies this information) in addition to lighting the visual message indicator lamp. This feature has the following restrictions:

- 1. For use on a single line set only. Not provided on EKL sets.
- 2. Requires SS7 network capability.
- 3. Offered on intraLata calls only.
- 4. Works with any instrument that complies with Bellcore specification TR-TSY-000030 ("SPCS Customer Premises Equipment Data Interface")
- 5. Compatible with Centrex Mate, Release 8.4 (DMS only)

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

Line Features (cont'd)

Conference Calling, 3-Way

Allows a user to add a third party to an existing call.

Consultation Hold

Allows a station user to hold a call in progress (incoming or outgoing) and originate another call with privacy.

Direct Connect Originating

An arrangement that permits a station line to automatically dial a predetermined telephone number when the calling station line goes off-hook.

Direct Inward Dialing (DID)

Calls from outside the Centrex group may be dialed directly to each Centrex number.

Direct Outward Dialing (DOD)

Calls may be placed outside of the Centrex group without the aid of a system attendant.

Directed Call Park

Provides the station user with the ability to park a call against another station number. The parked call may be retrieved from any station in the Centrex group by dialing a code and the station number.

Directed Call Pick-up

Allows a station user to answer calls directed at another station number within the Centrex group without regard to pick-up groups. This feature may be provided with barge-in, if requested.

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Original Sheet No. 234

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

D. FEATURES (cont'd)

Line Features (cont'd)

Direct Station Selection/Busy Lamp Field with Fast Transfer

This provides a set of related features to allow appropriate customer premises equipment to perform attendant console like functions.

Direct Station Selection provides properly equipped customer provided equipment to monitor, via a busy lamp field station, status of directory numbers that appear in the Electronic Key line group. It will also provide direct dialing to a monitored station by means of the feature key.

Camp-On allows the user to extend a call to a busy station. The call is held until the called party is free. If the called party does not answer the waiting call, then the station that extended that call is automatically recalled by the calling party.

Fast Transfer allows the transfer of calls without having to conference a called party beforehand.

Directory Number Hunt With Call Waiting and Preferential Hunt

Allows a line with Call Waiting to be a member of a directory number hunt group and allows a preferential hunt list for each member of the group.

Display Capability

For Centrex users with properly equipped Customer Provided Equipment having display capabilities, this feature also displays user-entered or incoming call information during the use of other Centrex features.

Distinctive Ringing and Call Waiting Tone

Provides different ringing cadence for incoming calls from within the Centrex system verses outside the system. This feature also provides distinctive call waiting tones for calls coming from within the system verses outside the system for lines equipped with the Call Waiting capability.

Electronic Key Line Add-On Modules

Provides the capability to connect 10, 18, 20, or 36 Add-On Modules to the Electronic Key line set.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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FEATURES (cont'd)

Line Features (cont'd)

End to End Signaling

Allows a station user, while in the talking state, to send Dual Tone Multi-Frequency (DTMF) digits to the other end by using a dial pad.

Equal Access for Inter LATA Calling

Allows each station line to use a predetermined Inter-Exchange Carrier without dialing any special codes. Override to an alternate carrier can be accomplished by dialing an appropriate Inter-Exchange Carrier code.

Executive Busy Override

This feature allows a station to gain access to a busy station.

Executive Busy Override - Exempt

This feature denies access to stations invoking Executive Busy Override.

Executive Display Communications

Allows a station user to leave and retrieve messages at an Electronic Key line set with display.

Group Intercom

Centrex users may be members of an intercom group of up to 99 members. Each member is assigned a unique 2 digit number. This intercom is separate and distinct from station to station Intercom Calling.

Additional intercom capabilities offered, where available, are:

Individual Page allows a Group Intercom member to page another group member using the built-in speaker on a properly equipped set.

All Calls allows a Group Intercom member to simultaneously page up to 29 predefined members of the same Group Intercom group, using the built-in speaker on a properly equipped set.

Intercom Key allows a user to directly terminate on a predesignated set by pressing the intercom key.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

Line Features (cont'd)

Hunting Arrangements

Incoming calls to a busy Centrex line are redirected to a predetermined number(s) to search for an idle line on which to complete the call. If no idle number is found, a busy tone is provided. These types are available:

Circular Hunt permits a complete hunt over all of the station lines in a particular Multi Line Hunt Group (MLHG). Hunting starts with the dialed number and continues to the last terminal prior to the dialed number in the MLHG. Circular Hunt is only provided with Uniform Call Distribution, Preferential Hunt or Multiple Position Hunt.

Series or Serial Hunt allows a limited number of Centrex lines to be programmed in either a sequential (consecutively numbered) or nonsequential (non consecutively numbered) order for hunting purposes. Series hunting is done through the ordered list until an idle line is encountered or the end of the list is reached. Call handling line features can be added to the last directory number in the series to increase call completion probability. Series Completion redirects a call only once to any given line.

Enhancement redirects a call from a busy DN to another DN giving greater flexibility by providing circular Call-Forward, Busy type chaining.

Distributed Line Hunting starts the hunting at the first idle line after the previous hunt and continues until the starting point is reached.

Multi Line Hunt Group (MLHG) is a group of lines with common terminating (incoming call) features that are grouped together to share translation data. Hunting is provided by a common program (shared translations) for the group of lines. Each line is identified by a multi-line terminal number, not a Centrex number.

Enhancement allows the assignment of Multiple Pilot Directory Numbers to a MLHG. Hunting can therefore begin at different points in the group depending on the number dialed.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

D. FEATURES (cont'd)

Line Features (cont'd)

Hunting Arrangements (cont'd)

Non-Hunt Telephone Number in a MLHG can contain station lines which have associated non-hunt directory numbers. If the station line is busy on a call, another call to the non-hunt number will receive busy treatment. These non-hunt numbers are not in the MLHG and do not have access to the MLHG or MPH features.

Preferential Hunt permits a pre-hunt over a preferential list of station lines before hunting the entire MLHG. Each station can be associated with a particular preferential list within a MLHG.

Secretarial allows more than one Centrex line to hunt to the same line in a linear pattern.

Uniform Call Distribution (UCD) without queuing is furnished only on station lines equipped for Circle Hunt. This hunting feature provides equal distribution of incoming calls in a prearranged group. Calls in excess of the number of lines in the UCD group will not be held in queue and will receive a busy tone. A make busy arrangement is required as specified in optional features to busy out all lines in a group or single lines in a UCD group by operating a key.

Intercom Dialing

Provides for dialing between lines in the same Centrex system.

Last Number Redial

Allows a designation of a CPE station button to initiate redial of the last number called.

Last Number Redialed associated with Set re-dials last number from business set regardless of which key the call was made from.

Leave Message Activation

Capability for a station to activate, via a button, an audible or visual message indication at other locations. The receiving station controls the deactivation of the message indication upon retrieval of the message. (Requires Message System Service CPE)

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

Line Features (cont'd)

Listen on Hold

Allows a user to place a called party on hold and listen through the speaker on a properly equipped set.

Make Busy Access Code

This feature may be assigned to any hunt line, directory number, multiline hunt line, or distributed hunt line. This feature is activated by the customer dialing an access code.

Make Set Busy

Allows a designation of a CPE station button to busy out all lines terminating on the telephone set.

Make Set Busy except on Group Intercom

Allows an Electronic Key Line station to continue to receive group intercom calls when the set is put into a make busy condition.

Message Retrieval Display

Provides the capability of a station to directly retrieve messages from their display via button activation and cancel the message waiting indication. (Requires Message System Service CPE)

Message Waiting Activation Control

Provides the capability of a predesignated station to activate audible or visual message waiting indications at other stations. The sending station controls both the activation and deactivation of the message waiting indication.

Enhancement allows inter-working with 3 Way Calling, ACD, UCD, Call Request and Call Forwarding.

Message Waiting Indicator - Audible

This feature provides an audible tone signal, e.g. stutter dial tone, on a Centrex line to indicate a message waiting condition.

Message Waiting Indication - Visual

This feature provides the capability of a visual message waiting indication.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

D. FEATURES (cont'd)

Line Features (cont'd)

Multiple Appearance Directory Numbers - Multiple Call Arrangement (MCA)
Provides capability to terminate duplicate telephone numbers on
Electronic Key Line type Sets or Single Line Sets.

Multiple Call Arrangement (MCA) allows more than one set in the MADN group to be active on the MADN simultaneously. The number of simultaneous calls is restricted only by the number of members in the MADN group.

Multiple Appearance Directory Numbers - Single Call Arrangement (SCA)
Provides capability to terminate duplicate telephone numbers on
Electronic Key Line type Sets or Single Line Sets. These numbers are
configured in a Single Call Arrangement (SCA).

Multiple Appearance Directory Numbers - Single Call Arrangement (SCA) Provides capability to terminate duplicate telephone numbers on Electronic Key Line type Sets or Single Line Sets. These numbers are configured in a Single Call Arrangement (SCA).

Single Call Arrangement (SCA) allows only one set to be active (either originating or terminating) on the MADN at any given time.

Includes incoming call disconnect to automatically release the bridge for other MADN Directory Numbers.

Bridging

Allows more than one set in a MADN group to be active on a line simultaneously.

Conference Interaction allows a conference call to be either answered or established by one party, placed on hold, or picked up by another party.

Conference w/3-Way Calling enables a MADN Single Call Arrangement (SCA) with bridging options to establish a three-way call during the bridge state.

Privacy allows a user to exclude another user with the appearance of the same line from entering an existing conversation.

Ring Again Idle Set prevents a busy set from receiving call back (ring again) while active on another call.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

Line Features (cont'd)

Night Answer

Allows an incoming night call to be indicated by the ringing of a customer-provided night bell or a predesignated Centrex line. Calls may be answered at any station other than fully restricted stations by dialing a special code.

Trunk Answer From Any Station allows any station in the customer group to answer an incoming call by dialing a code. The code is dialed when the Trunk Answer From Any Station alert sounds.

On Hook Dialing

An intrinsic feature of the set, which allows the user to originate calls without lifting the handset.

Privacy Release Conference Control

This arrangement provides additional flexibility for conferencing for Electronic Key Lines (EKL) Service by segregating conferencing circuits for exclusive use of Multiple Appearance Directory Number (MADN) groups.

Query Busy Station

Allows up to 128 Electronic Key stations to query the busy/idle status of one designated station either Electronic Key line or Centrex within the group. The feature supports up to eight simultaneous requests to monitor the station for idle status display.

Repeat Alert

A station can be designated to receive additional alert tones when a call terminates on a Directory Number (DN), MADN, or Group Intercom Key and while the station is active on another call.

Ringing Options for MADN

Provides additional ringing options to a Multiple Appearance Directory Number (MADN) group.

Secondary Directory Telephone Numbers

Provides an additional directory number which is not physically terminated, but exists in the programming of Electronic Key Line Service. The additional directory number, while not terminated on a dedicated facility, may be accessed from the network and may originate unique outgoing dial tone from an instrument that has another directory number as its primary number.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

Line Features (cont'd)

Secondary MADN Call Forwarding

Allows secondary Multiple Appearance Directory Number (MADN) members to activate or deactivate call forwarding from their sets.

Set Inspect

Allows a user either display features assigned to buttons on the phone or display calling or called number of an active call or call on hold via operation of a predesignated button.

Enhancement allows this feature to also be enabled on an automatic basis displaying call information as soon as a call is presented.

Short Hunt

Permits incoming calls to hunt over a set of directory number appearances in search of an idle directory number on which to terminate.

Speed Calling - Expanded Number Group

Allows stations to place calls to a list of numbers by dialing a code. The size of the list depends on the serving technology type.

Speed Calling - Long

Allows a station line to place calls to a list of 30 numbers by dialing a code.

Speed Calling - Short

Allows a station user having access to place calls to a list of 6 or 10 numbers (dependent upon central office switch) by dialing a code.

Stop Hunt Key

This feature may be assigned to any hunt line, directory number, multiline hunt line, or distributed hunt line. This feature is controlled by a customer provided external key. This feature requires private line facilities and customer provided equipment.

Time and Date Display

Allows time and date to be displayed. Time and date are provided by the Central Office.

Touch Tone

Provides for dialing a telephone number using Dual Tone Multi-Frequency (DTMF) signaling.

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THE OHIO BELL
TELEPHONE COMPANY



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Cancels
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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

Line Features (cont'd)

Transfer Calls to Restricted Station

Allows incoming calls, initiated from outside the Centrex system to be transferred by a designated station user to a Centrex line that is restricted from receiving incoming calls.

Usage Billing by Line Number

Calls outside of the business system which incur message units or toll charges are billed by individual telephone number when the company is the billing entity.

System Features

Area Wide Networking

Allows subscribers to originate calls within geographically different locations using abbreviated dialing. The called party and the calling party may be in locations served by different Central Office switches and different telecommunications systems.

AWN operates across the public network or private facilities and can be provided to subscribers with PBX, ISDN-Direct, or other basic exchange services.

AWN is compatible with Centrex Mate.

AWN may include In Network Numbers and Out of Network Numbers. In Network numbers are all the telephone numbers that participate in the AWN dialing plan. Out of Network numbers are locations that may be dialed on an abbreviated basis but cannot dial back on the abbreviated dialing plan. Out of Network numbers may include telephone numbers that are not part of the subscribers telecommunications system or that are served from areas where the service is not available.

Two dialing plan formats are available: Extension Dialing and Custom Dialing. A combination of both dialing plans may be provided. Extension Dialing utilizes sequential digits from the North American Numbering Plan (the seven digit telephone number) to originate a call, typically the last four digits of the telephone number. Custom Dialing utilizes a number pattern designed by the customer and may be unrelated to the actual telephone number. If the Custom Dialing format is used it is the option of the customer to define the dialing format and input all Custom Dialing numbers associated with their dialing plan.

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Cancels
Original Sheet No. 243

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

System Features (cont'd)

Area Wide Networking (cont'd)

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Additional business or residence telephone numbers may be added to the abbreviated dialing plan as Out of Network Numbers designated for terminating calls only.

Out of Network numbers may be administered by the subscriber via Centrex Mate or a customer provided VT 100 compatible terminal by accessing the Service Management System (SMS). The subscriber is responsible for any usage charges incurred when accessing the SMS system.

AWN provides subscribers with call management reports. These reports will generate daily, weekly, or monthly information for the dialing plan based on originating, terminating or total dialing plan utilization. Customers may access the report feature via the SMS with Centrex Mate or a customer provided VT 100 compatible terminal.

Appropriate usage charges will apply to AWN calls routed over the public network.

Some central office features will require the dialing of the complete telephone number when the AWN feature is utilized. AWN dialing will also impact some line restrictions provided by certain central office features.

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Centrex Mate

The Ameritech Centrex Mate feature allows a Centrex customer to make changes in the station line and/or feature configuration of their Centrex System as an alternative to the standard Company service order process. Centrex Mate allows the customer to manage feature assignments per line, exchange station numbers between like station lines, verify the assignment of features on an individual station line or bulk basis, sort for stations that have particular features, and to obtain internal directory information for stations in the Centrex Mate database. Centrex Mate is offered subject to availability of facilities and compatibility of the serving central office.

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Cancels
Original Sheet No. 244

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

System Features (cont'd)

Centrex Mate (cont'd)

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Access is provided by dial up modems via Customer Provided Equipment. The customer is responsible for any charges incurred to access the Centrex Mate system.

Centrex Mate customers may elect to continue to use standard service order procedures at any time and the service will be implemented by the Company at the prevailing charges and service intervals as specified elsewhere.

Customers may elect to have a third party other than the customer implement and manage their system for them. If this option is elected, the customer assumes responsibility for all changes executed by their authorized agent.

The Company reserves the right to withhold the service if it is determined to be incompatible with existing Switching Systems. Also, some functions of the central office switching system will have priority over execution of customer change requests. The Company assumes no responsibility for change requests delayed by priority central office functions.

Not all features and capabilities are included in Centrex Mate. A service order will be required to rearrange some items. These include but are not limited to:

- swaps of off-premises lines in different wire centers;
- lines not included in Centrex Mate such as attendant lines,
- multi-line hunt lines, and lines with special equipment.

Responsibility of the Company

The Company will provide training to these customers who elect to utilize Centrex Mate themselves and decline to elect an authorized agent. Training will be provided by the Company at the time Centrex Mate is activated without charge. Subsequent training can be provided for the customer at an additional charge as specified elsewhere in this offering.

The Company will provide the customer or the designated authorized agent with the security password access codes for the customer's Centrex Mate System.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

System Features (cont'd)

Responsibility of the Customer

The customer is responsible for the administration and protection of the Centrex Mate password and access code and will be responsible for any charges arising out of unauthorized use of the password. Customers electing an authorized agent to administer and manage their Centrex System shall be responsible for that agent's use and protection of the password and access codes.

The customer will designate at the time of installation whether they will manage their Centrex Mate system themselves or through an authorized agent. If the authorized agent is selected, the customer will provide the Company with a signed and dated letter authorizing the agent to manage the Centrex Mate system on their behalf. The customer accepts responsibility for all changes made on their behalf by their agent.

Centrex Message Signal Interface (CMSI)

Provides for the transmission of certain called number and other identification information via a data link connecting the CMSI input/output port located in the Company central office to customer provided equipment.

CMSI service consists of three features: Call History Package Delivery, Remote Activation of Message Waiting Indicator and Message Waiting Indication.

Call History Package Delivery provides detailed information of calls forwarded from Centrex lines via a Centrex multi-line hunt group and associated data link from the Company's central office to the customer provided Message System Interface.

Remote Activation of Message Waiting Indicator allows the Centrex customer to activate/deactivate an audible message waiting tone on Centrex lines or a visual LED indication on electronic business sets.

Message Waiting Indication Audible provides an audible tone signal on a Centrex line or, where technology permits, a visual LED indication on an electronic business set.

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Original Sheet No. 245

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

System Features (cont'd)

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Centrex Virtual Network (CVN)

Virtual Network (CVN) extends intercom calling geographically within a LATA, providing virtual connectivity among all types of Centrex lines using the public network.

All lines in the Centrex System and at each premises location must be included in a customer's CVN. Shared Centrex Common Blocks cannot be part of an CVN. A minimum of 500 lines is required to establish CVN. Systems exceeding 25,000 lines require Customer Specific Contract pricing.

All lines in the network must terminate at an authorized premises location of the Customer of Record. Authorized locations include branches, factories, plants, etc., of the Customer of Record, or a subsidiary of the Customer of Record. A network may not be shared among unaffiliated end users.

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When CVN is provided through resale, all lines in each CVN network must terminate at an authorized premises location of the same end user customer. All other terms and conditions as stated above including the requirement of a minimum of 500 lines per end user customer apply.

Announcement Services

Announcements can be utilized with various Centrex services, such as UCD, ACD, Special Intercept, ARS, Queue Slots and Music on Hold. Two announcement arrangements are available:

Customer Premises Announcements provides an interface to the customer premises for recorded announcement or music.

Central Office Recorded Announcements may be provided in the following arrangements:

Standard announcements provides for Company announcements.

Customer specific announcements provides for announcements customized for an individual specific customer (maximum of 24 seconds).

/1/ Original Sheet 245.1 replaces duplicate Original Sheet 245 in this Section.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

System Features (cont'd)

Assume Dial "9"

An arrangement that allows station users to originate network calls by dialing the appropriate seven or 10 digit network telephone number without first dialing "9" for access to the public network.

Authorization Codes

An arrangement used to identify callers for billing purposes to assign network class of service and to control network access. Available for both voice and data in initial 100 count. Additional codes are available in counts of 25.

Station Specific Codes is an arrangement that allows up to ten Authorization Codes to be assigned for use on a specific line.

Automatic Route Selection - Deluxe

Allows for the completion of calls to a public network telephone number by automatically scanning the digits and selecting a first choice completion route when available, or a subsequent route if the first choice route is not available. Automatic Alternate Routing for tie lines provides automatic routing of calls to alternate tie line routes when the primary tie line route is in use. Routes may include Foreign Central Office lines, Foreign Exchange lines, WATS lines, Carrier access lines, the DDD network, the IDDD network, or other compatible arrangements. The delivery of digit one to an interexchange carrier is available.

Facility Restriction Levels (FRL) are required with ARS-D and are required on each Centrex line and incoming tie line to determine both the type of call and type of facility within the privileges of the associated user.

Authorization codes allow a station user to dial a code to override the restriction level associated with the dialing Centrex line or tie line. The Centrex requests the Authorization code when the default FRL has insufficient privileges to complete the call. The Authorization code is also inspected for validity as a security check.

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

System Features (cont'd)

Automatic Route Selection - Deluxe (cont'd)

Time of Day routing permits the pre-programming selection of alternate routing pattern groups for off-network calls on a time of day and day of the week basis.

Automatic Alternate Routing provides automatic routing of on-network calls to alternate tie line routes when the primary tie line routes are busy.

Automatic Overflow to DDD provides completion of on-network calls via the toll network when all primary and alternate tie line routes are busy.

Deluxe queuing permits station users to be placed in a queue whenever all facilities in the first choice route in a pattern for completing a particular call are already in use.

Conference Services

Six-Port Conference Service consists of a six-port conference circuit that provides for simultaneous connections up to six conferees. Six Port conference circuits can be utilized to provide the following:

Conference Linking w/4 Additional Ports allows multiple 6 port conferences to be linked together. One port on each 6 port conference circuit is used for linking. Consequently, only 4 ports per each additional conference circuit can be used for conferences when they are linked together.

Preset Conference allows a Centrex station line, trunk, or attendant console to establish a conference call with a maximum of 50 conferees by dialing a specific directory number. The dialing of the DN invokes a simultaneous ringing of the preselected conferees. The conferees are specified and notified in advance.

Enhanced Audio Conference

Allows users to hold a conference for 30 to 150 conferees by dialing a directory number to reach a specific conference bridge at a predetermined time.

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By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 248

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

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D. FEATURES (cont'd)

System Features (cont'd)

Customized Call Diverting

Enables the customer to block or allow one or more NPA and/or NXX numbers when these numbers are dialed by selected stations within the customer group.

Do Not Disturb

An arrangement that intercepts incoming calls to a Centrex line(s) during specified periods of time when a station user(s) does not want to be disturbed. This arrangement can be provisioned for individual lines or groups of lines. This feature may be activated/deactivated via a key by the attendant or a designated station user.

High Speed Data Service

An arrangement that provides digital, full-duplex synchronous data transmission within a Centrex Service System, at speeds of 1.2 Kbps to 56 Kbps and asynchronous data transmission at speeds of 100 bps to 19.2 Kbps over a standard twisted pair loop. High Speed Data Service requires appropriately equipped customer provided equipment. This feature is available **only** in non ISDN equipped central offices.

Music On Hold Interface

An arrangement that allows access to Customer Provided Equipment that provides a continuous broadcast of music when a caller is placed on hold. Customer Premises Announcements are required per unique music source and are found elsewhere in this offering.

Network Speed Calling

Allows up to 1000 numbers per system to be accessed via individual lists of up to 100 numbers each.

Outgoing Deluxe Trunk Queuing

An arrangement that allows station users to have their outgoing call held in queue, by dialing a code, when the associated outgoing facilities are in use. This arrangement provides station users with "off-hook" or "on-hook" queuing for busy outgoing facilities. A queue slot is required for each call held in queue.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 249

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

D. FEATURES (cont'd)

System Features (cont'd)

Outgoing Deluxe Trunk Queuing (cont'd)

The following options are available for calls that are held in "off-hook" queue:

Silence on Queue provides silence when calls are held in queue. This arrangement is standard unless the customer elects Music on Queue or Recorded Announcement.

Music on Queue is an interface that provides for the connection with customer provided music equipment.

Recorded Announcement provides for one continuous repeating type announcement.

Priority Queuing station lines, equipped with this option have originating priority and their calls are loaded into queue ahead of non-priority calls. When the queue is full, priority calls route to overflow tone or to the DDD network.

Personal Call Screening

Allows a station to whom another station's calls are being forwarded, to transfer the call back to the forwarding station, overriding the forwarding feature.

Private Facility Access Termination

Line Side Access Connections

Code Call Access permits station users and attendants to dial an access code and a called party code to activate customer provided audible and visible signaling devices.

Dial Dictation Access provides station users access to customer provided dictation recording equipment by dialing an access code.

Radio Paging Access allows stations and attendants to access customer provided and radio paging equipment located on the customer's premises by dialing a Centrex station number.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 250

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

(丸)

System Features (cont'd)

Private Facility Access Termination (cont'd)

Trunk Side Access Connections

The following trunk side access connections are available in either analog or digital format as outlined below.

Advanced Private Line Access connects tie lines, private line facilities and access lines from switched private line services to Centrex dial switching equipment. It may also be used when compatible with and required for termination of facilities by Other Common Carriers (OCC's)

Radio Paging Access provides station users and attendants the capability to access customer provided and radio paging equipment located on the customer's premises via an access code.

Tandem Tie Line Access allows tandem connection of special service circuits dedicated to a customer group.

Tie Line Access allows connection of special service circuits dedicated to a customer group.

DS1 Connection is a termination used to connect dial type tie lines or Other Common Carrier (OCC) private communication services to a Centrex System. The termination can accommodate twenty-four channels, each dedicated to a specific service.

Other Private Facility Access Connections

Foreign Exchange (FX) provides access to/from an FX line. Station users have the ability to transfer a foreign exchange call.

OUTWATS Access allows a station user access to OUTWATS services dedicated to a customer group by dialing an access code.

Queue Slots

Queue slots are dedicated time slots in the central office, used to hold calls in a delayed state until a call can be further processed. A queue slot is required for each call to be held in queue.

Calls in Queue may be provided a recorded announcement or music. These optional features are specified in the Optional Features section of this offering under Announcement Services.

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By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 251

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

D. FEATURES (cont'd)

System Features (cont'd)

Remote Access Services

Allows users outside the Centrex to access the system by dialing predetermined Network Access Lines. Customers that have this optional system feature can dial into a Centrex system, without the assistance of an attendant and access the features and telecommunications facilities associated with the system.

Special Intercept Service

Allows the customer to provide an individual message when a station has been taken out of service. This feature provides access to the announcement and requires either a customer designated central office recorded announcement or an interface to customer premises recorded announcement facilities. Requires a Dedicated Communications Service channel.

Supplemental Three Digit Dialing

Available on a Centrex system arranged for 4 or 5 digit intercom dialing. Three digit dialing is provided as a means to reach an emergency station line on the same system, such as fire, police, etc.

Trunk Verification from Designated Station

An arrangement that provides audible transmission level testing for originating and terminating trunk groups or a trunk within a trunk group for trunks associated with a Centrex system by a designated station user(s).

This service arrangement is provided at the option of the Company and is furnished subject to the availability of central offices equipped and programmed to provide such service.

Uniform Call Distribution

Provides for the even distribution of incoming calls to all groups of lines arranged in a special hunting arrangement. Queuing may be provided with the addition of queue slots found elsewhere in this offering.

Virtual Routing

Provides routing and call completion over 24 software defined access paths (virtual/simulated facilities group) for Ameritech Valuelink Premier intraLATA toll service.

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By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 162



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 252

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES

				Monthly	Payment	
	Non-			Term Paym	ent Plans	
	recurring		12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
SILVER PACKAGE						
System Charge,						
Per system						
2 - 6 lines	\$ 25.00	\$ 0.00	\$ 0.00	\$ 0.00	\$0.00	\$0.00
7 - 24 lines	45.00	0.00	0.00	0.00	0.00	0.00
25 - 49 lines	65.00	0.00	0.00	0.00	0.00	0.00
Centrex Intercom,						
Per line						
2 - 6 lines						
7 - 24 lines	0.00	9.08	7.78	5.83	3.88	2.58
25 - 49 lines	0.00	8.22	7.70	5.40	3.70	2.57
	0.00	7.96	6.85	5.19	3.70	2.41
GOLD PACKAGE	0.00	,.,0	0.00	5.17	5.54	7.11
System Charge,						
Per system						
2 - 6 lines	100.00	5.00	5.00	5.00	5.00	5.00
7 - 24 lines	150.00	5.00	5.00	5.00	5.00	5.00
25 - 49 lines	250.00	5.00	5.00	5.00	5.00	5.00
50 - 99 lines	350.00	5.00	5.00	5.00	5.00	5.00
100 - 199 lines	450.00	5.00	5.00	5.00	5.00	5.00
200 - 499 lines	550.00	5.00	5.00	5.00	5.00	5.00
Centrex Intercom,						
Per line						
2 - 6 lines	0.00	10.33	8.98	6.96	4.93	3.58
7 - 24 lines	0.00	9.47	8.29	6.52	4.75	3.57
25 - 49 lines	0.00	9.21	8.05	6.31	4.57	3.41
50 - 99 lines	0.00	8.81	7.67	5.96	4.25	3.11
100 - 199 lines	0.00	8.31	7.19	5.51	3.83	2.71
200 - 499 lines	0.00	7.77	6.67	5.02	3.37	2.27
Electronic Key						
Line, Per line						
2 - 6 lines	10.00	13.33	11.98	9.96	7.93	6.58
7 - 24 lines	10.00	12.47	11.29	9.52	7.75	6.57
25 - 49 lines	10.00	12.21	11.05	9.31	7.57	6.41
50 - 99 lines	10.00	11.81	10.67	8.96	7.25	6.11
100 - 199 lines	10.00	11.31	10.19	8.51	6.83	5.71
200 - 499 lines	10.00	10.77	9.67	8.02	6.37	5.27

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 253

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E.	PRICES	(cont'	d)
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System Charge, Per system 2 - 6 lines 7 - 24 lines 25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	Non- recurring Charge \$1,200.00 1,350.00 1,500.00 1,750.00 2,000.00	1 Month \$150.00 180.00 200.00	12 Months	36 Months \$150.00	ment Plans 60 Months	84 Months
PLATINUM PACKAGE System Charge, Per system 2 - 6 lines 7 - 24 lines 25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	\$1,200.00 1,350.00 1,500.00 1,750.00 2,000.00	Month \$150.00 180.00	Months \$150.00	Months	Months	
PLATINUM PACKAGE System Charge, Per system 2 - 6 lines 7 - 24 lines 25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	\$1,200.00 1,350.00 1,500.00 1,750.00 2,000.00	\$150.00 180.00	\$150.00			Months
Per system 2 - 6 lines 7 - 24 lines 25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	1,350.00 1,500.00 1,750.00 2,000.00	180.00		\$150 00	4150.00	
7 - 24 lines 25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	1,350.00 1,500.00 1,750.00 2,000.00	180.00		\$150 00	4150.00	
2 - 6 lines 7 - 24 lines 25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	1,350.00 1,500.00 1,750.00 2,000.00	180.00		\$150 00	4150 00	
7 - 24 lines 25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	1,350.00 1,500.00 1,750.00 2,000.00	180.00		\$150 00	4150 00	
25 - 49 lines 50 - 99 lines 100 - 199 lines 200 - 499 lines	1,500.00 1,750.00 2,000.00		100 00	7-50.00	\$150.00	\$150.00
50 - 99 lines 100 - 199 lines 200 - 499 lines	1,750.00 2,000.00	200.00	180.00	180.00	180.00	180.00
100 - 199 lines 200 - 499 lines	2,000.00		200.00	200.00	200.00	200.00
200 - 499 lines	•	220.00	220.00	220.00	220.00	220.00
	•	240.00	240.00	240.00	240.00	240.00
	2,250.00	260.00	260.00	260.00	260.00	260.00
500+ lines	2,500.00	280.00	280.00	280.00	280.00	280.00
Centrex Intercom, Per line						
2 - 6 lines	0.00	11.33	9.94	7.86	5.77	4.38
7 - 24 lines	0.00	10.47	9.25	7.42	5.59	4.37
25 - 49 lines	0.00	10.21	9.01	7.21	5.41	4.21
50 - 99 lines	0.00	9.81	8.63	6.86	5.09	3.91
100 - 199 lines	0.00	9.31	8.15	6.41	4.67	3.51
200+ lines	0.00	8.77	7.63	5.92	4.21	3.07
Electronic Key						
Line,						
Per line						
2 - 6 lines	10.00	14.33	12.94	10.86	8.77	7.38
7 - 24 lines	10.00	13.47	12.25	10.42	8.59	7.37
25 - 49 lines	10.00	13.21	12.01	10.21	8.41	7.21
50 - 99 lines	10.00	12.81	11.63	9.86	8.09	6.91
100 - 199 lines	10.00	12.31	11.15	9.41	7.67	6.51
200+ lines	10.00	11.77	10.63	8.92	7.21	6.07
PACKAGE PRICES						
Voice Mail						
Network Support, Per Box	.50	.05	.05	.05	.05	.05

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 254

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

				Monthly	Payment	
	Non-			Term Payn	ment Plans	S
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
PACKAGE PRICES						
(cont'd)						
Caller ID						
Intercom,						
Per System						
2 - 6 lines	\$ 5.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00
7 - 24 lines	10.00	3.00	3.00	3.00	3.00	3.00
25 - 49 lines	20.00	5.00	5.00	5.00	5.00	5.00
50 - 99 lines	40.00	8.00	8.00	8.00	8.00	8.00
100 - 199 lines	80.00	15.00	15.00	15.00	15.00	15.00
200 - 499 lines	160.00	30.00	30.00	30.00	30.00	30.00
Caller ID,						
Per line						
1 - 6 lines	0.00	1.45	1.45	1.45	1.45	1.45
7 - 24 lines	0.00	1.25	1.25	1.25	1.25	1.25
25 - 49 lines	0.00	1.05	1.05	1.05	1.05	1.05
50 - 99 lines	0.00	.90	.90	.90	.90	.90
100 - 199 lines	0.00	.80	.80	.80	.80	.80
200+ lines	0.00	.75	.75	.75	.75	.75
Advanced Forward						
& Directory						
Package						
Additional Call						
Forward						
Multipath						
Arrangement,						
Per arrangement	50.00	5.00	5.00	5.00	5.00	5.00
Additional						
Network Speed						
Calling,						
Per 100 number						
block	100.00	2.50	2.50	2.50	2.50	2.50

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

E. PRICES (cont'd)

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 255

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

				Monthly	Payment	
	Non-		<u></u>	Term Payn	nent Plan	S
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
PACKAGE PRICES						
(cont'd)						
Call Productivity,						
Per System	\$ 30.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00
2 - 6 lines						•
7 - 24 lines	50.00	12.00	12.00	12.00	12.00	12.00
7 - 24 lines 25 - 49 lines	75.00	25.00	25.00	25.00	25.00	25.00
	150.00	50.00	50.00	50.00	50.00	50.00
50 - 99 lines	300.00	100.00	100.00	100.00	100.00	100.00
100 - 199 lines	650.00	200.00	200.00	200.00	200.00	200.00
200 - 499 lines						
Cost Control						
Options						
- Authorization						
Codes						
Additional						
Codes,	00.00	1 00	1 00	1 00	1 00	1 00
per block of 25	80.00	1.00	1.00	1.00	1.00	1.00
ber brock or 72						
Station-						
Specific Codes,	2.00	1.20	1.15	1.10	1.00	.95
Per line						
ARS Routing						
Arrangements						
Additional						
	000 05	- 0-	4	4 6 5		
Patterns,	200.00	5.00	4.50	4.00	3.50	3.00
Per pattern						
IDDD Dialing,	650.00	20.00	20.00	20.00	20.00	20.00
Per system	030.00	20.00	20.00	20.00	20.00	20.00
- 01 D1 D00m						
7-10 Digit						
Screening,	350.00	0.00	0.00	0.00	0.00	0.00
Per translation	223.00	3.00	0.00	3.00	3.00	0.00
Time of Day						

Issued: January 9, 2003

Per schedule

Routing,

In accordance with an Order issued by the Public Utilities Commission of

10.00

9.75

9.50

9.00

Effective: January 9, 2003

150.00

Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 256

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E.	PRICES (cont'd)	

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				Monthly	Payment	
	Non-			Term Paym		5
Description	recurring Charge	1 Month	12 Months	36 Months	60 Months	84 Months
PACKAGE PRICES (cont'd)						
Cost Control Options (cont'd)						
ARS Routing Arrangements (cont'd)						
Digit One Delivery	\$300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
ARS Changes Rearrangement Per occasion	200.00	0.00	0.00	0.00	0.00	0.00
Additional Time of Day Patterns, Per arrangement	100.00	0.00	0.00	0.00	0.00	0.00
Additional Remote						
Arrangements, Per arrangement	300.00	20.00	20.00	20.00	20.00	20.00
6-Port Audio Conferencing, Per 6-port						
facility	50.00	40.00	40.00	40.00	40.00	40.00
Enhanced Audio Conferencing, Per 30-port						
facility	200.00	150.00	150.00	150.00	150.00	150.00

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet No. 257
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Original Sheet No. 257

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

PACKAGE PRICES (cont'd)

Centrex Virtual Network (CVN)

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The following equation based on CCS and distance is used to determine the applicable monthly charge. The number of lines located 0 to 15 miles and 15 or more miles from the Hub location are used in the equation.

(Total lines within 0 to 15 miles)(\$CCS)/(Total lines in Network) + (Total lines beyond 15 miles)(\$CCS)/(Total lines in Network)+\$1.00 = Price per line per month (Rounded to the nearest multiple of \$.05)

CCS Values

CCS Values	0 - 15 Miles	15+ Miles	
Max. 2.5	\$2.20	\$ 5.40	
Max. 3.5	3.30	8.10	
Max. 4.5	4.40	10.80	
Max. 5.5	5.50	13.50	
Max. 8.0	7.70	18.90	

The Company reserves the right to reassess the pricing of the customer's (T) network if the negotiated CCS is exceeded.

The following discount table is used for networks over 1,500 lines and is based on the contract length of the hub locations.

LINE SIZE	3 Year	5 Year	7 Year	
1,500 - 3,999	10%	15%	20%	
4,000 - 5,999	15%	20%	25%	
6,000 - 7,999	20%	25%	30%	
8,000 and above	25%	30%	35%	

Apply Area Wide Networking Nonrecurring Per System charge found elsewhere in this pricing section.

For Optional Out of Network numbers apply the appropriate charges located under the Area Wide Networking feature found elsewhere in this pricing section.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 258

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

				Monthly	Payment	
	Non-			Term Payn	nent Plan:	S
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
PACKAGE PRICES (cont'd)						
Audio Conference Options Conference Linking w/4 Additional						
Ports, Per arrangement	\$ 65.00	\$40.00	\$40.00	\$40.00	\$40.00	\$40.00
Conference Preset,						
Per group	400.00	25.00	25.00	25.00	25.00	25.00
Privacy Release Conference Control, Per system equipped	25.00	20.00	20.00	20.00	20.00	20.00
Area Wide Networking, Per system						
Non Recurring Charge						
1 - 200 lines,	700.00	0.00	0.00	0.00	0.00	0.00
201 - 500 lines, Additional 500	1,000.00	0.00	0.00	0.00	0.00	0.00
line block	800.00	0.00	0.00	0.00	0.00	0.00
Out of Network numbers Up to 10						
numbers, Per 50 number	30.00	0.00	0.00	0.00	0.00	0.00
block,	30.00	0.00	0.00	0.00	0.00	0.00

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Original Sheet No. 259

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES	(cont'd)
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			Monthly Payment					
	Non-				ment Plan			
escription	recurring Charge	1 Month	12 Months	36 Months	60 Months	84 Months		
escription	Charge	MOIICII	MOIICIIS	MOIICIIS	MOTICIES	MOTICIES		
ACKAGE PRICES								
cont'd)								
rea Wide								
etworking,								
cont'd)								
Numbers input by								
Ameritech								
Up to 10 numbers,	\$ 75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Per 50 number	300.00	0.00	0.00	0.00	0.00	0.00		
block,								
Recurring Charge,	0.00	1.00	1.00	1.00	1.00	1.00		
Per Line								
Out of Network								
Numbers,								
Up to 10	0.00	1.00	1.00	1.00	1.00	1.00		
numbers, Per 50 number	0.00	0 50	0. 50	0 50	0 50	0 50		
block,	0.00	2.50	2.50	2.50	2.50	2.50		
lectronic Key ine, lectronic Key Line ptional Features								
poronar roadarop								
Calling Name								
Display on Intercom,								
Per line	5.00	.25	.25	.25	. 25	.25		
	3.00	• = 5	.23	.23	.23	.23		
DSS/BLF with Fast Transfer and Camp								
On, Per line	100.00	9.00	9.00	9.00	9.00	9.00		
	100.00	9.00	9.00	9.00	9.00	9.00		
Executive Display								
Communications, Per line	0.00	.50	.50	.50	.50	.50		

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 260

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9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E.	PRICES	(cont'd)	
----	--------	----------	--

						
				Monthly	Payment	
	Non-				ment Plan	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
PACKAGE PRICES (cont'd)						
Electronic Key Line						
Options (cont'd)						
Multiple Appearance Directory Number- MCA,						
Per appearance	\$ 5.00	\$.25	\$.25	\$.25	\$.25	\$.25
Query Busy Station, Per queued station	7.50	1.50	1.50	1.50	1.50	1.50
	7.50	1.50	1.50	1.30	1.50	1.50
Secondary Directory Number, Per line	0.00	.25	.25	.25	.25	. 25
Per 10 or 18 Button Add-On Module, Per module	175.00	0.00	0.00	0.00	0.00	0.00
Per 20 or 36 Button Add-On Module, Per module						
OPTIONAL FEATURES	175.00	0.00	0.00	0.00	0.00	0.00
Ameritech CTX Message Signal I/F,						
Per system	975.00	150.00	147.00	144.00	140.00	135.00

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

(N)

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 261

(N)

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

				Monthly	Payment		
	Non-		Term Payment Plans				
Doggwintion	recurring Charge	1 Month	12 Months	36 Months	60 Months	84 Months	
Description	Charge	MOHUH	Months	Months	MONUNS	Months	
OPTIONAL FEATURES (cont'd)							
Announcement							
Services							
Customer Premises							
Announcements Per link							
(Note 1)	\$185.00	18.00	17.50	17.00	16.00	15.00	
(2.000 2)							
CO Recorded							
Announcement							
Per announcement	180.00	40.00	39.00	37.00	34.00	30.00	
Assume Dial 9,							
Per line	5.00	3.25	3.25	3.25	3.25	3.25	
G.11 B							
Call Request with Queue,							
Per line,	0.00	1.00	1.00	1.00	1.00	1.00	
Per system	95.00	0.00	0.00	0.00	0.00	0.00	
	23.33	0.00	0.00	0.00	0.00		
Direct Connect							
Originating, Per line							
ici iiiic	0.00	1.00	1.00	1.00	1.00	1.00	
Do Not Disturb,							
Per line,	5.00	2.00	2.00	2.00	2.00	2.00	
Per group of lines	50.00	4.00	4.00	4.00	4.00	4.00	
High Speed Data							
Service							
Per line	419.00	12.00	11.00	10.00	9.50	9.50	
Mala Dugu Agges	110.00	12.00	11.00	10.00	J.JU	J.JU	
Make Busy Access Code,							
Per line							
	0.00	4.95	4.95	4.95	4.95	4.95	

Note 1 - Requires a telecommunications channel

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 262

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'	(a)
------------------	-----

			Monthly Payment						
	Non-			Term Payment Plans					
escription	recurring Charge	1 Month	12 Months	36 Months	60 Months	84 Months			
escription	Charge	MOIICII	MOTICIES	MOIICIIS	MOITCHS	MOIICIIS			
PTIONAL FEATURES cont'd)									
usic On Hold nterface, er interface	* 000 00	4.14.00	å 14 00	# 14 00	. 14 00	4 14 00			
er incerrace	\$ 200.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00			
utgoing Deluxe runk Queuing, er termination	200.00	8.00	7.55	7.25	7.00	6.80			
CI CCIMINACION	200.00	8.00	7.55	1.25	7.00	6.80			
ueue Slots, er slot	10.00	1.00	1.00	1.00	1.00	1.00			
rivate Facility ccess ermination. Line Side),									
Line Side Access connections are evailable at the prices shown for centrex lines.)									
rivate Facility ccess ermination. Trunk Side)									
Analog 2-Wire Termination,									
Per arrangement	75.00	25.00	25.00	25.00	25.00	25.00			
Analog 4-Wire Termination,									
_					25 00	25.00			
Per arrangement	75.00	25.00	25.00	25.00	25.00	25.00			

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 263

(N)

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

			Monthly Payment						
	Non-			Term Payment Plans					
	recurring	1	12	36	60	84			
Description	Charge	Month	Months	Months	Months	Months			
OPTIONAL FEATURES (cont'd)									
Special Intercept, Per message	\$150.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00			
Speed Call-Long, Per arrangement	0.00	.40	.40	.40	.40	.40			
Speed Calling- Expanded Number Group, Per arrangement	0.00	.60	.60	.60	.60	.60			
Stop Hunt Key, Per line (Note 2)	0.00	4.95	4.95	4.95	4.95	4.95			
Supplemental 3- Digit Dialing Service Per system,	125.00	0.00	0.00	0.00	0.00	0.00			
Per 3-digit code	60.00	0.00	0.00	0.00	0.00	0.00			
Trunk Verification from Designated Station, Per system	50.00	10.00	10.00	10.00	10.00	10.00			
Uniform Call Distribution with Queuing,									
Per UCD group, Per line, Per EKL line	175.00 5.00 5.00	6.50 3.00 3.50	6.50 3.00 3.50	6.50 3.00 3.50	6.50 3.00 3.50	6.50 3.00 3.50			

Note 1 Requires appropriate announcement services

Note 2 May require a telecommunication channel, depending on the switch type

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By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 174

Effective: January 9, 2003

(N)



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 263

(N)

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

Description Charge Month Months Month							
Tecurring 1 12 36 60 Months Mo					Monthly	Payment	
Description Charge Month Months Months Months Months Months OPTIONAL FEATURES (cont'd) Virtual Routing Each group of 24 access paths /VF1/ 0.00 100.		Non-			Term Paym	ent Plans	S
OPTIONAL FEATURES (cont'd) Virtual Routing Each group of 24 access paths /VF1/ 0.00 100.00 100.00 100.00 100.00 100 SUBSEQUENT CHANGE CHARGES Station line feature changes, per line, per occasion \$ 16.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 System feature changes, per occurrence 50.00 0.00 0.00 0.00 0.00 0.00 Customization charge Change of central office circuitry Note 1 Change or rearrange Centrex	3	recurring	1	12	36	60	84
Virtual Routing Each group of 24 access paths /VF1/ 0.00 100.00 100.00 100.00 100.00 100.00 100.00 SUBSEQUENT CHANGE CHARGES Station line feature changes, per line, per occasion \$16.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 System feature changes, per occurrence 50.00 0.00 0.00 0.00 0.00 0.00 Customization charge Change of central office circuitry Note 1 Change or rearrange Centrex	ription	Charge	Month	Months	Months	Months	Months
Each group of 24 access paths /VF1/ 0.00 100							
CHARGES Station line feature changes, per line, per occasion \$ 16.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 System feature changes, per occurrence 50.00 0.00 0.00 0.00 0.00 0.00 Customization charge Change of central office circuitry Note 1 Change or rearrange Centrex	group of 24	0.00	100.00	100.00	100.00	100.00	100.00
feature changes, per line, per occasion \$ 16.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 System feature changes, per occurrence 50.00 0.00 0.00 0.00 0.00 0.00 Customization charge Change of central office circuitry Note 1 Change or rearrange Centrex							
changes, per occurrence 50.00 0.00 0.00 0.00 0.00 0.00 Customization charge Change of central office circuitry Note 1 Change or rearrange Centrex	cure changes, line, per	\$ 16.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<pre>charge Change of central office circuitry Note 1 Change or rearrange Centrex</pre>	ges,	50.00	0.00	0.00	0.00	0.00	0.00
rearrange Centrex	r ge nge of central	Note 1					
translations Note 1	range Centrex ware	Note 1					

Note 1 Charges based on cost

(N)

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 264

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

E. PRICES (cont'd)

			Monthly Payment				
	Non-			Term Paym	ent Plans	3	
	recurring	1	12	36	60	84	
Description	Charge	Month	Months	Months	Months	Months	
SUBSEQUENT CHANGE CHARGES (cont'd)							
Centrex Mate							
changes,							
Discontinue or							

reestablish line features,

per occasion

22.00

Password change,

per change

10.00

TRAINING CHARGES

Station User, Per Telco person,

per hour 135.00 0.00 0.00 0.00 0.00 0.00

Centrex Mate

Per Telco person, per hour 135.00 0.00 0.00 0.00 0.00 0.00

Other Applicable Charges

Centrex Lines

Centrex Intercommunication

Competitive Loops

The quantity of Centrex Competitive Loops are determined by the telephone company by subtracting the number of Centrex Network Access Lines from the total number of Centrex stations in service. The Competitive Loop rate and the associated discounts are determined by access area and quantity of Centrex Station Lines.

Competitive Loops /CPXJB/CPXJC/CPXJD/

(N)

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 265

(九)

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

Other Applicable Charges (cont'd)

	Monthly Rate per Competitive Loop			
	Access Area			
	A	В	С	D
2 - 47	For	\$13.00	\$14.00	\$15.00
48 - 95	Future	13.00	14.00	15.00
96 - 199	Use	13.00	14.00	15.00
200 - 293		13.00	14.00	15.00
294 - 387		13.00	14.00	15.00
388 - 579		13.00	14.00	15.00
580 - above		13.00	14.00	15.00

F. REFERENCES

Reference:

Service	Reference	
Network Access	Part 4, Section 2 of the Ameritech Tariff	
Local Usage	Part 4, Section 2 of the Ameritech Tariff	
End User Common Line Charge	Ameritech Operating Companies, Access Service Tariff F.C.C. No. 2 Paragraph 4.1.7	
Local Off Premises Stations	Part 4, Section 5 of the Ameritech Tariff	
Off Premises Stations	Part 15, Section 3 of the Ameritech Tariff	(1/1)

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By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 266

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

E. PRICES (cont'd)

Payment Plans

Month to Month

Ameritech Business Solutions Centrex is offered under a Month to Month Payment Plan. The provision of Ameritech Business Solutions Centrex under the Month to Month Payment Plan is dependent on the availability and capacity of central office facilities. Month to Month prices will be subject to Company initiated price adjustments.

Term Payment Plans

Ameritech Business Solutions Centrex is offered under contracted Term Payment Plans (TPP) which require customers to pay a fixed charge for equipment and service over selected payment periods. A different monthly charge applies for the duration of each period. The same payment plan must apply to all intercommunication lines and features.

The minimum period is one month, unless otherwise specified. Contract Plans are available for 12, 36, 60 or 84 month payment periods. During the effective term of a customer payment period, the monthly price is not subject to Company initiated changes for payment periods longer than one month.

Services covered by a Contract Plan include:

- Centrex lines and optional features
- System Features

Local Exchange Access is not covered by the Contract Plan.

Additions

Customers can add additional lines and/or features to the existing Centrex service anytime during the contract period. All additions of Centrex lines will be added at the existing contracted prices. All additions of system features will be added at the current price for the contract period. All additions to the Centrex service will be coterminous with the original contract.

(N)

(N)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 267

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(内)

E. PRICES (cont'd)

Payment Plans (cont'd)

Additions (cont'd)

Upon growth to another Line Commitment, the customer may select a contract period that is equal to or greater than the remaining life of the existing contract. At that time, the customer will become liable for the then current monthly price for the new Line Commitment. These prices will not be subject to Ameritech initiated increases for the duration of the new contract period. If the customer chooses not to select a new contract period for a larger Line Commitment, the monthly price for the additional lines will be the price appropriate to the existing Line Commitment contract plan.

Contract Options

Prior to the completion of an Ameritech Business Solutions Centrex contract plan, a customer may enter into a new Ameritech Business Solutions Centrex contract plan for a period equal to, or greater than, the terms of the original contract plan at the prices currently in effect at the time. The customer will begin paying the new contract price on the day of signing the new contract plan.

Single Payment Option (SPO)

Deferred Payment Option (DPO)

Termination Charges

No Termination Liability Conditions

A customer may move their location within the same Central Office serving area or to another Central Office serving area without Termination Liability if the conditions specified under 3. Termination Without Liability are met.

Termination Liability

Renewal

Upon expiration of the contracted payment period, service will be converted to the monthly prices for the then current Centrex service.

(N)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 268

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

E. PRICES (cont'd)

Payment Plans (cont'd)

Termination Charges (cont'd)

Termination Liability (cont'd)

Under Utilization and Early Termination Charges:

Early Termination Charges apply in the event the customer cancels this agreement prior to expiration without satisfying the conditions for Termination without Liability.

1. Early Termination Charges for Termination's with Liability:

If a customer terminates service prior to the expiration of this agreement or prior to the expiration of any renewal period, the customer will be required to pay 50% of the Line Commitment revenue amount for each month remaining on the unexpired term agreement.

2. Under Utilization Charges:

Each month the Customer is responsible for the greater of:

- monthly line charges for the Line Commitment quantity under contract, or
- monthly line charges for actual number of lines in use.
- 3. Termination without Liability:

A customer may terminate this agreement without liability upon the expiration date by providing written notice to Ameritech, which must be received 30 days prior to the agreement expiration date at the address specified on the Ameritech Business Solutions Agreement. A customer may discontinue this agreement without liability upon signing a new Ameritech Business Solutions Agreement and meeting two conditions:

- customer commits to a new Ameritech Business Solutions agreement with a Line Commitment equal to or greater than the existing agreement and;
- customer commits to a new term commitment equal to or greater than the term commitment of the existing agreement.

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By Connie Browning, President, Cleveland, Ohio

(N)



PART 20 - Grandfathered Services SECTION 5 - Centrex Services

Original Sheet No. 269

9. AMERITECH BUSINESS SOLUTIONS CENTREX (cont'd)

(N)

E. PRICES (cont'd)

Payment Plans (cont'd)

Assumption of Existing Contract:

The customer shall not assign or otherwise transfer its rights or obligations under any Centrex arrangement provided under this tariff without prior written consent of Ameritech. Such consent will not be unreasonably withheld or delayed. Any provisions to the contrary found elsewhere in the Ameritech Tariff P.U.C.O. No. 20 or this Tariff are superseded.

Conversion from existing Ameritech Term Agreement:

A new Ameritech Business Solutions Agreement will cause an existing Centrex Agreement or Ameritech Business Solutions Agreement to terminate automatically on the date of the new agreement without incurring Early Termination Charges as long as conditions in 3. above are met.

Limitation of Liability:

The liability, if any, of Ameritech for damages to the customer or to any third party, whether in negligence, tort, contract or otherwise, including but not limited to damages for non-performance or performance failure of the service provided under an Ameritech Business Solutions Agreement, is limited to an amount equal to a prorata adjustment of applicable recurring charges for the service or any portion of the service.

(N)

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet No. 4
Cancels
Original Sheet No. 4

2. DIGITAL TRANSPORT SERVICE (DTS)

(T)

A. DESCRIPTION

Digital Transport Service (DTS) provides a cost effective method of delivering voice grade service from the serving Central Office to a customer's premises. DTS is provided exclusively with DS1 Service (T) (1.544 Mbps) and the 24 channels may be used for the transport of certain access lines for termination on customer-provided equipment.

DTS supports Direct Inward Dialing (DID) Service, Ameritech ValueLink (T) Premier Service, Dedicated 800 Service, and PBX Trunks. Touch-Tone is a standard feature of DTS. DTS is an exchange service. (T)

B. TERMS AND CONDITIONS

- DTS is offered in two serving arrangements, Integrated and Non-Integrated, from Central Offices where the Company has arranged facilities for such service.
 - a. Integrated Service is an arrangement that allows for the direct termination of digital trunks from a digital Central Office to customer-provided equipment. This arrangement supports Trunk side features only. The Integrated Arrangement is comprised of three elements:
 - (1) Trunk Terminations
 - (2) DS1 Distribution Channel and
 - (3) Digital Interface Termination.
 - b. Non-Integrated Service is an arrangement that allows for the termination of PBX trunks from an Analog or Digital Central Office to customer-provided equipment. This arrangement supports Trunk side and Line side features on those trunks. This arrangement is comprised of three elements:
 - (1) Trunk Terminations
 - (2) DS1 Digital Distribution Channel and
 - (3) Central Office Multiplexing.
- 2. Serving arrangements that require a mixture of Integrated and Non-Integrated terminations are provided as Non-Integrated Service.

Issued: November 1, 2005 Effective: November 1, 2005

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet No. 5
Cancels
Original Sheet No. 5

2. DIGITAL TRANSPORT SERVICE (DTS) (cont'd)

(T)

B. TERMS AND CONDITIONS (cont'd)

- 3. The rate structure for DTS requires charges for Trunk Terminations, (T) a DS1 local distribution channel, DS1 central office multiplexing or (T) Digital Interface Termination (as required) and End User Common Line Charges (EUCL).
- 4. Additional charges for Central Office services and features such as Direct Inward Dialing (DID) Service, Ameritech ValueLink Premier Service and Dedicated 800 Service are applicable when appropriate.
- 5. All signals generated by Network Channel Terminating Equipment (NCTE) must comply with the signal and format constraints contained in Telcordia Publication TR-NPL-000054. Performance parameters for (T) DTS can be found in Ameritech Technical Reference manual (T) AM-TR-TMO-000101.
- 6. Availability and functionality of DTS may vary by serving Central (T) Office and switch type. The Company will determine when Integrated or Non-Integrated terminations are required and whether DTS can be provisioned, or is compatible with, the customer's service and equipment.
- 7. If changes in Central Office technology permit the Company to convert a customer's Non-Integrated Termination to an Integrated Termination, the customer's rate will be adjusted to reflect the Integrated Termination rates. Nonrecurring charges are not applicable for Company initiated changes.
- 8. Clear Channel Capability as specified in Ameritech Operating Companies Access Tariff, F.C.C. No. 2, Section 6.1.3.A.3.d, is an optional feature of DTS, allowing the customer to transport maximum (T) through put with no constraint on quantity or bit sequence.

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



2nd Revised Sheet No. 7
Cancels
1st Revised Sheet No. 7

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

2. DIGITAL TRANSPORT SERVICE (DTS) (cont'd)

C.	PRI	CES (cont'd)		
1.	Ser	vice Elements		
	Des	scription /Billing Code/	Nonrecurring Charge	Monthly Price
	A.	Integrated Service Arrangement Rates:		
		DS1 Facility (see tariff reference in C.2 following)		
		Digital Interface Termination /F12/		\$350.00(I)
		Per Trunk Termination (Channel)		
		PBX Trunk /D5WPP/		16.00(I)
		DID Trunk /D5WPD/		45.00(I)
		Toll Terminal /D5WPT/		6.50(I)
		Dedicated 800 /D5WP1/		12.50(I)
		Ameritech ValueLink Premier Service /D5WP0/		6.50(I)
		Subsequent Addition/Rearrangement Charge per trunk termination /1/ /NR9DT/	\$10.00	

/1/ Apply a Service Order Charge as specified in Part 3, Section 1 of this Tariff.

Issued: March 1, 2007 Effective: March 1, 2007

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 6 - Central Office Services 2nd Revised Sheet No. 8
Cancels
1st Revised Sheet No. 8

2. DIGITAL TRANSPORT SERVICE (DTS) (cont'd)

Subsequent Addition/Rearrangement

C.	PRICES (cont'd)		
1.	Service Elements (cont'd)		
	Description /Billing Code/	Nonrecurring Charge	Monthly Price
	B. Non-Integrated Service Arrangement Rates:		
	DS1 facility (see tariff reference in C.2 following)		
	Central Office Multiplexing (see tariff reference in C.2 following)		
	Per Trunk Termination (Channel)		
	PBX Trunk /D5WPP/		\$16.00(I)
	DID Trunk /D5WPD/		45.00(I)
	Toll Terminal /D5WPT/		6.50(I)
	Dedicated 800 /D5WP1/		12.50(I)
	Ameritech ValueLink Premier Service /D5WP0/		6.50(I)

/1/ Apply a Service Order Charge as specified in Part 3, Section 1 of this Tariff.

Charge per trunk termination $^{\prime 1/}$ /NR9DT/ \$10.00

Issued: March 1, 2007 Effective: March 1, 2007

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services
SECTION 6 - Central Office Services

1st Revised Sheet No. 9
Cancels
Original Sheet No. 9

2. DIGITAL TRANSPORT SERVICE (DTS) (cont'd)

(T)

C. PRICES (cont'd)

2. Other Applicable Charges and Payments

The rates and charges in C.1 preceding provide for the digital transport facility, multiplexing (as required) and the interface connection to the network. The additional rates and charges applicable for the specific services that can be provisioned on DTS channels can be found in the tariff references listed below.

(T)

References:

Service	Reference	
DS1 Service	Part 15, Section 3 of this Tariff	(T)
Ameritech ValueLink Premier Service	Part 20, Section 9 of this Tariff	(C)
Central Office Multiplexing	Part 15, Section 3 of this Tariff	(C)
Dedicated 800 Service	Part 10, Section 2 of this Tariff	(C)
Direct Inward Dialing (DID) Service	Part 6, Section 1 of this Tariff	
End User Common Line Charges	Ameritech Operating Companies Access Services Tariff, F.C.C. No. 2, Section 4.1.7 (c)	
Local Message Charges/Extended Community Calling Charges	Part 4, Section 2 of this Tariff	
Message Telecommunications Service	Part 9, Section 1 of this Tariff	
PBX Trunk	Part 4, Section 2 of this Tariff	
Toll Terminal	Part 4, Section 5 of this Tariff	

Issued: November 1, 2005 Effective: November 1, 2005

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 6

Tariff

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

Original Sheet No. 10

2. AMERITECH PRIMENUMBER SERVICE

Effective April 30, 2001, new installations of Ameritech Prime Number Service will no longer be made. Existing customers may retain this service until they change or disconnect their service.

(N) | (N) |

A. DESCRIPTION

Ameritech PrimeNumber Service is an optional intraLATA service that provides business customers with multiple locations, a single telephone number per LATA to terminate incoming calls. Calls to the single number are routed to the location nearest the calling party or as specified by the customer.

B. DEFINITIONS

Record - A record is an entry in the routing table or database which is necessary to route the incoming calls.

C. TERMS AND CONDITIONS

The General Regulations of the Ameritech - Ohio Tariff P.U.C.O. No. 20 apply to Ameritech PrimeNumber Service.

The General Regulations specify Ameritech liability associated with interruptions to service and damages associated with the provision, maintenance, or restoration of Ameritech PrimeNumber Service.

The following regulations apply to Ameritech PrimeNumber Service in addition to those referenced above.

- 1. A prospective Ameritech PrimeNumber Service subscriber must make separate arrangements for business Local Exchange Access Service prior to establishment of Ameritech PrimeNumber Service.
- 2. Ameritech PrimeNumber Service is available where facilities or arrangements permit.
- 3. Ameritech PrimeNumber Service is only available on a twelve (12) month term basis. The twelve (12) month period will begin on the completion date of the Service Order.

/1/

/1/ Material formerly appeared in Part 6, Section 9, Original Sheets 8-13.

March 29, 2001 April 30, 2001

In accordance with Case No. 01-757-TP-ATA, issued April 30, 2001.

Ameritech

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PART 20 SECTION 6

Tariff

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

Original Sheet No. 11

2. AMERITECH PRIMENUMBER SERVICE (cont'd)

/1/

C. TERMS AND CONDITIONS (cont'd)

- 4. Applicable charges for local, toll, public or semi-public calls placed to an Ameritech PrimeNumber will be billed to the originating party.
- 5. Additional Directory listings are available at rates provided elsewhere in this tariff.
- 6. A unique telephone number may be assigned to only one Ameritech PrimeNumber Service subscriber within a LATA.
- 7. Ameritech PrimeNumber Service is compatible with Caller ID Service network functionality. Caller ID Service is available to Ameritech PrimeNumber Service subscribers where facilities permit at the applicable tariff rates.
- 8. With establishment of Ameritech PrimeNumber Service, the subscriber will be provided with a SecureID access card. Additional or replacement SecureID cards will be available for a separate fee to be agreed upon by Ameritech and the subscriber.

SecureID cards provide the subscriber with access to the Ameritech PrimeNumber Service network system in order to maintain or modify the subscriber Routing Table or Database, and to access standard Ameritech PrimeNumber Service reports.

Upon receipt of the SecureID card(s), the subscriber assumes responsibility for safeguarding the use of their assigned card(s) and for any breaches to security resulting from the loss or misuse of the SecureID card(s).

/1/

/1/ Material formerly appeared in Part 6, Section 9, Original Sheets 8-13.

March 29, 2001 April 30, 2001

In accordance with Case No. 01-757-TP-ATA, issued April 30, 2001.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 6

Tariff

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

Original Sheet No. 12

2. AMERITECH PRIMENUMBER SERVICE (cont'd)

/1/

D. FEATURES

Standard Feature(s)

Where facilities permit, Standard Feature(s) will be provided as integral component(s) of Ameritech PrimeNumber Service.

Basic Announcement

The Basic Announcement is activated when the network is unable to automatically identify and route the telephone number of the calling party. The Basic Announcement will prompt the calling party to enter the appropriate telephone number and then forward the call to an Ameritech PrimeNumber Service subscriber location.

2. Optional Feature(s)

Where facilities and number availability permit, Optional Feature(s) will be made available to Ameritech PrimeNumber Service subscribers at applicable rates.

Seven (7) Digit Option

Allows a PrimeNumber Service subscriber to serve customers in a LATA with multiple NPAs with a single seven (7) digit telephone number.

Day of Year and Time of Day Routing

Allows a PrimeNumber Service subscriber to select the location to which calls will be routed based upon the time of day and day of year (specific date) that calls originate.

Day of Week and Time of Day Routing

Allows a PrimeNumber Service subscriber to select the location to which calls will be routed based upon the time of day and day of week that calls originate.

/1/

/1/ Material formerly appeared in Part 6, Section 9, Original Sheets 8-13.

March 29, 2001 April 30, 2001

In accordance with Case No. 01-757-TP-ATA, issued April 30, 2001.



PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet No. 13

Cancels
Original Sheet No. 13

2. AMERITECH PRIMENUMBER SERVICE (cont'd)

E. PRICES

1. Service Elements

Description	Non- recurring Charge	Monthly Price	_
Ameritech PrimeNumber Service, per LATA	\$295.00	\$125.00	
- 7 Digit Option, per additional NPA	295.00	95.00	
Routing Table or Database			
• Initial Development or Subsequent Reload			
- First 1,000 Records	80.00	-	
 Each Additional 1,000 Records or fraction thereof 	70.00	-	
• Storage Fee			
- per record	-	0.02	
• Maintenance (Records Updated by Ameritech)			
- First 50 Records	5.00	-	
 Additional Records beyond the first 50, per record 	0.07	-	
Distribution/Routing Criteria, per Ameritech Prime Number			
- NPA or NPA/NXX - NPA/NXX-XXXX with Zip Code	75.00 125.00	50.00 75.00	

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet No. 14
Cancels
Original Sheet No. 14

2. AMERITECH PRIMENUMBER SERVICE (cont'd)

E. PRICES

1. Service Elements

Description	Non- recurring Charge	Monthly Price
Routing Options, per Ameritech Prime Number		
- Day of Year and Time of Day - Day of Week and Time of Day	\$50.00 50.00	\$25.00 25.00
Charge per Subscriber Route to Number/Location	-	10.00
Charge Per Call to Ameritech Prime Number, per Subscriber Route To Number/Location		
Description	Price Pe	r Call ^{/1/}
Number of Calls per Month, per LATA		
1 - 15,000 15,001 - 40,000 40,001 - 80,000 80,001 or greater	\$0.12 0.06 0.055 0.05	
Description	Price Pe	r Minute
Additional Minutes of Use		
Per Minute, for each minute of use beyond the first thirty (30) minutes of each message	\$0.04	

Issued: January 9, 2003

Effective: January 9, 2003

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^{/1/} All calls are billed at the same rate for the billing period. The applicable Rate Per Call is determined by the volume rate schedule and the total number of calls during the billing period.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 6

Tarif:

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

Original Sheet No. 15

2. AMERITECH PRIMENUMBER SERVICE (cont'd)

/1/

E. PRICES (cont'd)

2. Termination Charges

Ameritech PrimeNumber Service is only available on a twelve (12) month term basis.

In the event that a subscriber initiates a Service Order request for Ameritech PrimeNumber Service, and subsequently cancels the Service Order prior to full operational establishment of service, the subscriber remains liable for all nonrecurring service establishment charges specified in this Tariff.

Subscribers that cancel their Ameritech PrimeNumber Service before the term expiration date will be billed a termination liability which consists of a lump sum equal to the non-usage sensitive monthly recurring charges specified in this tariff times the number of months remaining on the term period, rounded up to the nearest whole month.

Any cancellation or termination liability lump sum payment will become due and payable in its entirety immediately upon calculation and presentation of the lump sum bill statement.

At the expiration of the twelve (12) month term period, subsequent monthly billing will revert to the Ameritech PrimeNumber Service monthly rates in effect at that time, as specified in this Tariff. Termination liability charges are no longer applicable once the term period has expired and billing reverts to a month-to-month basis.

/1/

/1/ Material formerly appeared in Part 6, Section 9, Original Sheets 8-13.

March 29, 2001 April 30, 2001

In accordance with Case No. 01-757-TP-ATA, issued April 30, 2001.

1st Revised Sheet No. 18

Cancels
Original Sheet No. 18

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

3. PACKET SWITCHED NETWORK SERVICE (cont'd)

B. Regulations (cont'd)

7. The PSN requires the use of Customer Provided Equipment (CPE). This equipment, used in conjunction with the PSN port terminations, is subject to the limitations specified in the following Technical References:

Protocol	<u>Technical Reference</u>	Source	
X.25 Asynchronous X.75 ISDN	AM-TR-NPL-000002 AM-TR-NPL-000003 AM-TR-NPL-000016 AM-TR-OAT-000068	SBC SBC SBC SBC	/1/ /2/ /2/(T)

CPE used in association with the PSN is, in addition, subject to the limitations of the Technical References for Exchange Terminations. The following is a list of the Exchange Terminations available and their corresponding Technical References:

Type Termination	Transmission <u>Capability</u>	Technical <u>Reference</u>	Source	
Analog	300 bps to 9600 bps	AM-TR-NPL-000001	SBC	(T)
Digital	2400 bps to 64 Kbps	AM-TR-NPL-000007	SBC	(T)
ISDN	Up to 64 Kbps	AM-TR-NPL-000068	SBC	/2/

The Technical References may be obtained from: SBC Help Desk and Document Center

(517) 788-6872

(C)

8. The 50% Evening, Weekend and Holiday discount is available in all compatibly equipped central offices.

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(T)

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9. Verification of customer provided PADs and computer equipment may be required by the Company for PSN compatibility.

(T)

The applicable PSN usage charges are:

(T)

- Premium Packet Access (if appropriate)
- Holding Time
- Data Transport Minutes of Use
- Data Transport Kilosegments
- Fast Select (if appropriate)
- Protocol Conversion (if appropriate)
- /1/ Material formerly appeared on Original Sheet 17 in this Section.
- /2/ Material formerly appeared on Original Sheet 17 in Part 6, Section 2 of this Tariff.

Issued: July 15, 2005 Effective: July 16, 2005

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services
SECTION 6 - Central Office Services 0

1st Revised Sheet No. 26
Cancels
Original Sheet No. 26

3. PACKET SWITCHED NETWORK SERVICE (cont'd)

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- E. Usage Charges (cont'd)
 - 4. Data Transport (cont'd)

Kilosegment measurement counts the number of segments transmitted. A kilosegment is 1000 segments. A segment has a billable length of 64 octets of customer information. The minimum initial session is 40 segments and additional usage is measured in segments. Segments are totaled at the end of the billing period and rounded to the next whole kilosegment for rating purposes.

5. ISDN Interface

The ISDN Interface is for the purpose of allowing other networks to terminate directly onto an ISDN Integrated Packet Handler (IPH). This will give the other network access to the ISDN lines served by that IPH and only that IPH. They must connect on an X.75 port connection in addition to the digital private line.

6. SBC Ohio Transaction Charge

SBC Ohio Transaction Charge provides dial up service using a single (T) telephone number anywhere in the Company serving area and other (T) Independent Telephone Company areas where interconnection agreements are in place. This service is rated in seconds of call use.

7. Evening, Weekend and Holiday Discounts

An evening, weekend and holiday 50% discount in rates will apply on the following:

- Holding time
- Data transport charge
- Protocol conversion charge
- Fast select (if appropriate)

The evening discount will apply for any portion of a call occurring Monday through Friday during the period from 4:00 P.M. up to but not including 7:00 A.M.

The weekend and Holiday* 50% discount will apply for any portion of a call through the entire day.

- * The observed holidays are New Year's Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- /1/ Material formerly appeared on Original Sheet 25 in this Section.
- /2/ Material formerly appeared on Original Sheet 22 in Part 6, Section 2 of this Tariff.

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1st Revised Sheet No. 29
Cancels

Original Sheet No. 29

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services

3. PACKET SWITCHED NETWORK SERVICE (cont'd)

G. Rates and Charges (cont'd)

	Des	scription	USOC	Rate	
4.	Usa	age			/2/
	a.	Holding time per 1/10 minute or fraction thereof		\$0.0008	
	b.	Premium Packet Access per 1/10 minute or fraction thereof		0.0035	(T)
	c.	Fast Select per Request		0.01	
	d.	Data Transport Charge per 1/10 minute or fraction thereof	HRBM1	0.0015	(T)
	e.	Data Transport Charge per Kilosegment	HRBKX	0.24	
	f.	SBC Transaction Charge, per minute		0.09	/2/(T)
	g.	ISDN Interface Charge per 1/10 minute or fraction thereof	HRBMG	0.0005	/3/
	h.	ISDN Interface Charge per Kilosegment	HRBKG	0.08	/3/

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

^{/1/} Material now appears on Original Sheet 45 in this Section.

^{/2/} Material formerly appeared on Original Sheet 28 in this Section 2.

^{/3/} Material formerly appeared on Original Sheet 23 in Part 6, Section 2 of this Tariff.



P.U.C.O. NO. 20
PART 20 SECTION 6

3rd Revised Sheet No. 30
Cancels
2nd Revised Sheet No. 30

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

4. DIGITAL SWITCHED NETWORK SERVICES

Effective July 16, 2005, no further installations, moves, rearrangements, or changes of any type will be made to Packet Switched Network Services, including Digital Switched Network Service. Customers of record on July 16, 2005 may continue their service as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be reestablished.

The preceding supersedes all of the rules and regulations that follow.

(D)

A. Reference To Technical Publications

The following technical publications are referenced and may be obtained from the SBC Help Desk and Document Center, at (517) 788-6872

Ameritech Technical Reference AM-TR-NPL-000002 Ameritech Technical Reference AM-TR-NPL-000003 Ameritech Technical Reference AM-TR-NPL-000007 Bell System Technical Reference Publication 41214

B. General Regulations

1. Definitions

Octet

Eight binary digits.

Call Initiation

The point where common control network facilities are initially allocated to the establishment of a specific switched virtual circuit.

Call Termination

The point where common control network facilities allocated to a specific switched virtual circuit are released for reuse by the network.

Consultative Committee International Telephone and Telegraph (CCITT) A United Nations International Communications standards body.

Issued: December 15, 2006 Effective: December 15, 2006

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

Original Sheet No. 39

4. DIGITAL SWITCHED NETWORK SERVICES (cont'd)

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- B. General Regulations (cont'd)
 - 7. Responsibility of the Customer (cont'd)
 - a. The customer shall be responsible for: (cont'd)
 - Obtaining permission for Company agents or employees to enter the premises of the customer or authorized user at any reasonable hour for the purpose of installing, inspecting, repairing or, upon termination of the service, removing the facilities of the Company, and for;
 - Making Company facilities available periodically for maintenance purposes at a time agreeable to both the Company and the customer. No allowance will be made for the period during which the service is interrupted for such purposes.
 - b. Where DSN Service is available under this Tariff for use in connection with customer-provided equipment or authorized user equipment, the operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Company. Such use is subject to Part 68 of the Federal Communications Commission's Rules and Regulations and Ameritech Tariff Part 2, Section 9 and the further provisions that the equipment provided by a customer or authorized user 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 facilities or otherwise injure the public in its use of the Company services. Upon notice from the Company that the equipment provided by a customer or authorized user is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.

Where a customer connects a customer-provided communications system to a DSN Service the customer shall be responsible for:

- Compatibility of the connected communications system; and the
- Testing and sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to a DSN Service.
- /1/ Material formerly appeared on Original Sheet 10 in Part 6, Section 2 of this Tariff.

Issued: July 15, 2005 Effective: July 16, 2005

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 6 - Central Office Services

Original Sheet No. 47

5. PREMIERE 2/6 COMMUNICATIONS SYSTEM® (cont'd)

/1/(T)

C. DEFINITIONS (cont'd)

2. Optional Features (cont'd)

Line Features (cont'd)

<u>Call Forwarding</u> - Incoming calls to an exchange access line can be automatically forwarded to another line within or outside the Premiere 2/6 System. Call forwarding is activated and deactivated via an access code.

Alternate Answering - This feature automatically transfers calls to an exchange access line to another pre-designated line. The alternate line may be within or outside of the Premiere System. If the alternate line is outside the system, it must be served by the same central office as the entire PREMIERE 2/6 System. When this feature is selected, calls will be transferred to the alternate line whenever a busy condition is encountered and/or after a preselected number of rings on an incoming call to the equipped line. Changes to this feature must be requested from the Telephone Company. This optional feature is not compatible with multiline hunt service.

<u>Convenience Dialing</u> - By dialing an access code followed by two digits, station users can access up to 30 frequently called or emergency numbers. Multiple lines can share the same convenience dialing list. One customer specified exchange access line controls the programming of the 30 number convenience list.

800 Bridge - allows an 800 number to terminate on a Premiere line.

System Features

<u>Deluxe Call Transfer</u> - allows the station user to transfer any established call to another line, within or outside the system.

<u>Distinctive Ringing</u> - provides a unique ringing pattern giving a station user the ability to distinguish between an incoming call from outside the Premiere System and an intercom call within the system.

/1/

/1/ Material formerly appeared on Original Sheet 31 in this Section.

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 1st Revised Sheet No. 1 Cancels Original Sheet No. 1

1. MULTIPLE CALL OPTION'1/

(T)

Multiple Call Option allows customers with Alternate Answering and/or Busy Line Transfer service to specify the number of calls transferred simultaneously.

The following charge applies to the Multiple Call option. Such charge is in addition to the monthly rate for Alternate Answering and Busy Line Transfer services:

	Nonrecurring	(T)
Description /Billing Code/	Charge	(T)
Per addition or change /EKM/	\$3.00	(R)
rer addreron or enamed / http://	φ3.00	(10)

/1/ Effective November 6, 1994, no further installations of, or changes to Multiple Call Option will be made. Lines with Multiple Call Option in service on November 6, 1994 will be continued in service for as long as such lines remain at the location at which they were being furnished on the aforementioned date.

(T)(M)

(M)

Issued: January 9, 2003

Effective: January 9, 2003

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 2nd Revised Sheet No. 3
Cancels
1st Revised Sheet No. 3

2. INTERCOM CALLING^{/1/} (cont'd)

(T)

- C. Feature Capabilities (cont'd)
 - 3. Selective Call Transfer Permits the transfer of calls between extensions. The customer can answer an incoming call on one extension, depress the switch hook, dial an access code for one of the three different patterns, and go on hook. All extensions on the exchange service would then ring with the appropriate ringing pattern corresponding to the dialed code. Anyone going off hook from those extensions would be connected to the call automatically.
 - 4. Dialable Call Hold Permits the customer to place a non-intercom call (i.e., incoming call) on hold by depressing the switch hook, dialing an access code and going on hook. The call will then remain on hold until any telephone is taken off hook or the calling party goes on hook. During this hold, any telephone going off hook is connected to the call.
- D. Rates and Charges

The following rates and charges are in addition to all other applicable rates and charges for the facilities and service furnished:

Description Monthly Price (T)

1. Intercom Calling feature, per line \$5.00 (R)

/1/ Effective April 16, 1993, no further installations of, or changes to (T)(M)
Intercom Calling will be made. Intercom Calling in service on
April 16, 1993 will be continued in service only for as long as such service remains at the location at which it is being furnished on the aforementioned date, and so long as the facilities are available.

(M)

Issued: January 9, 2003

Effective: January 9, 2003

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PART 20 - Grandfathered Services
SECTION 7 - Central Office Optional Features

3rd Revised Sheet No. 6
Cancels
2nd Revised Sheet No. 6

3. CUSTOM CALLING SERVICE PACKAGES (cont'd)

D. PRICES

1. Service Elements

Description /Billing Code/	Monthly Price
Call Waiting Value Pack /PKB5K/	\$15.95(I)
Caller ID Value Pack /PKB7J/	22.65(I)

2. Other Applicable Charges and Payments

Any nonrecurring charge associated with the installation of multiple Custom Calling or Advanced Custom Calling Features on the same order apply.

Issued: February 12, 2007 Effective: February 12, 2007

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 2nd Revised Sheet No. 7 Cancels 1st Revised Sheet No. 7

4. ANONYMOUS CALL REJECTION

A. DESCRIPTION

Anonymous Call Rejection (ACR) is a service that enables residential customers the ability to reject calls from parties who have a privacy feature that prevents the delivery of their calling number to the called party when the called party has Caller ID with Name. With ACR the called customer receives no alerting or ringing for a call that is rejected. The call is routed to a denial announcement and subsequently terminated. The calling party hears a denial announcement which indicates the calling party can retry their call after unblocking their number.

B. TERMS AND CONDITIONS

ACR will only be available to customers subscribing to Caller ID with Name who are served out of the analog 1AESS switches and where facilities permit. This switch based service will be available on subscription basis only. When customers have ACR activated, all incoming calls that are marked private will be routed to an announcement. The customer will not be alerted at all that any calls were attempted to their line. There are no control options available to the customer. The service is always active.

C. PRICES

1. Service Elements

Description /Billing Code/ Monthly Price (T)

Anonymous Call Rejection /AYK/ \$3.00 (R)

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services
SECTION 7 - Central Office Optional Features

3rd Revised Sheet No. 9

Cancels
2nd Revised Sheet No. 9

5. CALL MANAGER PACKAGE (cont'd)

C. TERMS AND CONDITIONS

- 3. Customers who currently subscribe to all features of the Call Manager Package will be able to request billing at the Package price.
- 4. Reductions in monthly rates for combinations of Complementary Network Services features provided on the same line, as specified elsewhere in this tariff, do not apply to the Call Manager Package.
- 5. The rate specified for the Call Manager Package is in addition to applicable charges for service and equipment with which it is used.

F. PRICES

1. Service Elements

Description /Billing Code	e/	Monthly Price	2
Call Manager Package /PKI	B6G/	\$15.00(I)	

2. Other Applicable Charges and Payments

Any nonrecurring charge associated with the installation of multiple Custom Calling Service, Advanced Custom Calling Service or Complementary Network Service Features on the same order apply.

Issued: February 12, 2007 Effective: February 12, 2007

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features

Original Sheet No. 20

7. SENSIBLE LOCAL SOLUTION PACKAGE (cont'd)

C. TERMS AND CONDITIONS

- 1. The Sensible Local Solution Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the Sensible Local Solution Package may request billing at the package price.
- 3. The service components of the Sensible Local Solution Package are provided on a per line or per account basis as follows:
 - Access line (Central Office Termination, Network Termination and Flat Rate Service) Line Level
 - Saver Pack 120 Account Level
 - BASICS Choicesm Line Level
- 4. Customers subscribing to the Sensible Local Solution Package will benefit from the package rate until they change or disconnect their service, or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than SBC Ohio or if their line is toll restricted, they will no longer qualify for the Sensible Local Solution Package.
- 5. When the customer changes or disconnects any component of the Sensible Local Solution Package, then the remaining components of the package will be billed at their individually tariffed rates.
- 6. Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the Sensible Local Solution Package.
- 7. Nonrecurring installation charges do not apply to the Sensible Local Solution Package, but such charges may apply to installation of the access line.

/1/ Material formerly appeared on 1st Revised Sheet 32 in Part 7, Section 5 of this Tariff.

Issued: June 30, 2003 Effective: June 30, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 204

/1/



PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features

Original Sheet No. 23

10. 2-LINE COMPLETE LOCAL SOLUTIONSM PACKAGE (cont'd)

C. TERMS AND CONDITIONS

- 1. The 2-Line Complete Local Solution Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the 2-Line Complete Local Solution Package may request billing at the package price.
- 3. The service components of the 2-Line Complete Local Solution Package are provided on a per line or per account basis as follows:
 - Two Access Lines (Central Office Termination, Network Termination and Flat Rate Service) Line Level
 - Unlimited Local Toll Line Level
 - BASICS ChoicesM Line Level (Primary Line)
 - Call Waiting Line Level (Additional Line)
 - Caller ID Line Level (Additional Line)
 - Caller ID with Name Line Level (Additional Line)
- 4. Customers subscribing to the 2-Line Complete Local Solution Package will benefit from the package rate until they change or disconnect their service, or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than SBC Ohio or if their line is toll restricted, they will no longer qualify for the 2-Line Complete Local Solution Package.
- 5. Disconnected monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the 2-Line Complete Local Solution Package.
- 6. Nonrecurring installation charges do not apply to the 2-Line Complete Local Solution Package, but such charges may apply to installation of the access lines.

/1/

/1/ Material formerly appeared on 4th Revised Sheet 35 in Part 7, Section 5 of this Tariff.

Issued: December 30, 2003

Effective: January 1, 2004

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features

Original Sheet No. 26

11. COMPLETE LOCAL SOLUTIONSM PACKAGE (cont'd)

/1/

C. TERMS AND CONDITIONS

- 1. The Complete Local Solution Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the Complete Local Solution Package may request billing at the package price.
- 3. The service components of the Complete Local Solution Package are provided on a per line or per account basis as follows:
 - Access Line (Central Office Termination, Network Termination, and Flat Rate Service) Line Level
 - Unlimited Local Toll Line Level
 - BASICS ChoiceSM Line Level
- 4. Customers subscribing to the Complete Local Solution Package will benefit from the package rate until they change or disconnect their service or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than SBC Ohio or if their line is toll restricted, they will no longer qualify for the Complete Local Solution Package.
- 5. When the customer changes or disconnects any component of the Complete Local Solution Package, then the remaining components of the package will be billed at their individually tariffed rates.
- 6. Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the Complete Local Solution Package.
- 7. Nonrecurring installation charges do not apply to the Complete Local Solution Package, but such charges may apply to installation of the access line.

/1/

/1/ Material formerly appeared on 4th Revised Sheet 38 in Part 7, Section 5 of this Tariff.

Issued: December 30, 2003

Effective: January 1, 2004

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features

Original Sheet No. 29

13. Complete LOCAL SOLUTION PLUSSM (cont'd)

/1/

C. TERMS AND CONDITIONS

- 1. The Complete Local Solution Plus Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the Complete Local Solution Plus Package may request billing at the package price.
- 3. The service components of the Complete Local Solution Plus Package are provided on a per line or per account basis as follows:
 - Access Line (Central Office Termination, Network Termination, and Flat Rate Service) Line Level
 - Unlimited Local Toll Line Level
 - BASICS Choice SM Line Level
 - Complimentary Network Services Line Level
- 4. Customers subscribing to the Complete Local Solution Plus Package will benefit from the package rate until they change or disconnect their service or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than SBC Ohio or if their line is toll restricted, they will no longer qualify for the Complete Local Solution Plus Package.
- 5. When the customer changes or disconnects any component of the Complete Local Solution Plus Package, then the remaining components of the package will be billed at their individually tariffed rates.
- 6. Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the Complete Local Solution Plus Package.
- 7. Nonrecurring installation charges do not apply to the Complete Local Solution Plus Package, but such charges may apply to the installation of the access line.

/1/

/1/ Material formerly appeared on 1st Revised Sheet 44 in Part 7, Section 5 of this Tariff.

Issued: December 30, 2003

Effective: January 1, 2004

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features

Original Sheet No. 32

14. 2-LINE COMPLETE LOCAL SOLUTION PLUSSM (cont'd)

/1/

C. TERMS AND CONDITIONS

- 1. The 2-Line Complete Local Solution Plus Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the 2-Line Complete Local Solution Plus Package may request billing at the package price.
- 3. The service components of the 2-Line Complete Local Solution Plus Package are provided on a per line or per account basis as follows:
 - Two Access Lines (Central Office Termination, Network Termination and Flat Rate Service) Line Level
 - Unlimited Local Toll Line Level
 - BASICS ChoiceSM Line Level (Primary Line)
 - Call Waiting Line Level (Additional Line)
 - Caller ID Line Level (Additional Line)
 - Caller ID with Name Line Level (Additional Line)
 - Complimentary Network Services (Primary Line)
- 4. Customers subscribing to the 2-Line Complete Local Solution Plus Package will benefit from the package rate until they change or disconnect their service or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than SBC Ohio or if their line is toll restricted, they will no longer qualify for the 2-Line Complete Local Solution Plus Package.
- 5. When the customer changes or disconnects any component of the 2-Line Complete Local Solution Plus Package, then the remaining components of the package will be billed at their individually tariffed rates.
- 6. Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the 2-Line Complete Local Solution Plus Package.
- 7. Nonrecurring installation charges do not apply to the 2-Line Complete Local Solution Plus Package, but such charges may apply to the installation of the access line.

/1/

/1/ Material formerly appeared on 1st Revised Sheet 47 in Part 7, Section 5 of this Tariff.

Issued: December 30, 2003

Effective: January 1, 2004

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 8

PART 20 - Grandfathered Services SECTION 8 - Miscellaneous Services

Original Sheet No. 7

2. AUTOMATIC METER READING (AMR) SERVICE

(N)

/1/

Effective January 15, 1998, new installations of Automatic Meter Reading (AMR) service will no longer be made. Existing systems may be retained under contract terms and conditions through their expiration.

(N)

A. General

- 1. Automatic Meter Reading (AMR) Service provides for the remote reading of metering equipment located on a patron's premises by a Utility Company (customer) or other entity providing gas, water or electric utility services.
- 2. AMR service consists of Telephone Company central office equipment and facilities which provide a transmission path via the patron's exchange service between the customer's computer terminal, which contains a data base to track and store the meter readings, and a meter interface unit located on its patron's premises.
- 3. AMR service provides the customer access to a patron's exchange service without ringing or interfering with the patron's use of the exchange service.
- 4. The AMR central office common equipment consists of a Controller, which directs the AMR intra-office connecting facility to provide access to the patron's exchange service; an intra-office connecting facility, which allows use of the patron's exchange service for the transport of meter reading data between the customer's data collection device and the AMR central office common equipment.

A Meter Interface Unit (MIU), which is provided by the customer in accordance with Part 68 of the Federal Communications Commission rules and regulations and which is technically compatible with the Telephone Company provided Central Office Controller and facilities, is located on the patron's premises. The MIU connects the patron's basic exchange service to the Utility meter.

5. AMR service is activated by the customer's call to the Controller telephone number. After an exchange of security checks between the Controller and the customer's data collection device, a transmission path is established and the meter reading process may begin.

B. Regulations

- 1. AMR is available where facilities and conditions permit.
- 2. AMR may be provided in connection with all classes and grades of basic exchange service. Utility patrons must have basic exchange service.
- 3. AMR central office common equipment is required in each Telephone Company central office for each customer requesting AMR service. /1/ Material formerly appeared in Part 8, Section 8, on Original Sheet No. 1.

/1/

Issued: January 15, 1998

Effective: January 15, 1998

In accordance with Case No. 97-1659-TP-ATA, issued December 15, 1997.

By J. F. Woods, President, Cleveland, Ohio

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 8

Tariff

PART 20 - Grandfathered Services SECTION 8 - Miscellaneous Services

Original Sheet No. 8

2. AUTOMATIC METER READING (AMR) SERVICE (cont'd)

B. Regulations (cont'd)

4. The Telephone Company shall not be liable for any errors or omissions, whether arising through negligence or otherwise, in the meter reading data furnished; and the customer and its patrons shall indemnify, defend and save the Telephone Company harmless against all claims, including costs and reasonable attorney's fees, that may arise from the use of such meter reading equipment or data.

Approval of the above tariff language by the PUCO does not constitute a determination by the Commission that the limitation of liability made a condition of service by the Company should be upheld in a court of law. Approval by the Commission merely recognizes that since it is a court's responsibility to adjudicate damage claims, it is also the court's responsibility to determine the validity of the limitation clause.

- 5. The Telephone Company shall have no liability to the customer for its patron's exchange access line outages.
- 6. It is the responsibility of the customer to obtain its patron's telephone numbers and consent of the patron for the use of their exchange access lines. Furthermore, the customer has the sole responsibility to install and maintain any required terminal equipment on their premises and their patron's premises.
- 7. Nothing contained in this tariff shall be construed as establishing any agency agreement or partnership between the Telephone Company and the customer. The customer shall be responsible for obtaining all licenses, permits and authorizations required by an authority and will comply with all codes, equipment or services employed by it in providing AMR.
- 8. Calls completed between the customer and the AMR central office common equipment via the customer's basic exchange line will be billed at the appropriate local or toll rates specified in Part 4, Section 2 and Part 9, Section 1 of this tariff.
- 9. A Maintenance of Service Charge will be billed to the customer for each repair visit to the patron's premises in connection with a service difficulty when it is determined that the difficulty is due to the meter reading terminal equipment. In those cases where the meter reading terminal equipment is utilized by multiple customers, one of the customers will be designated as responsible for such equipment.
- 10. The customer must obtain written consent from its patrons to permit each AMR connection; and at the discretion of the Telephone Company the customer must provide proof of such written consent.

/1/Material formerly appeared in Part 8, Section 8, on Original Sheet No. 2.

Issued: January 15, 1998 Effective: January 15, 1998

In accordance with Case No. 97-1659-TP-ATA, issued December 15, 1997.

By J. F. Woods, President, Cleveland, Ohio

/1/

/1/

PART 20 - Grandfathered Services SECTION 8 - Miscellaneous Services 1st Revised Sheet No. 9 Cancels Original Sheet No. 9

2. AUTOMATIC METER READING (AMR) SERVICE (cont'd)

C. Rates and Charges

The following AMR usage charges are applicable when a transmission path is established between the AMR central office equipment and the meter reading equipment located on the customer's premises.

Description	Rate Periods	Charge Per Read	(T)
Day	8:00 AM to 11:00 P	%M ^{/1/} \$.12	(T)(R)
Evening	11:00 PM to 8:00 A	$M^{/1/}$.07	(T)(R)

Time of day provisions apply to each day of the week.

AMR usage is billed per data port read.

AMR Central Office Common Equipment

For an initial installation of AMR service, the customer must select an initial payment period of longer than one month's duration. Upon the expiration of the initial payment service period, the customer may select any payment period covered by Part 2, Section 3 of this Tariff.

		Variable Term Option (T					
Description 1	ption Installation Monthly Rate						
/Billing Code/	Charge	1 Mo.	36 Mo.	60 Mo.	84 Mo.	120 Mo.	(T)
Central Office Controller per, central office /MRM/	\$1,000.00	\$500.00	\$450.00	\$350.00	\$275.00	\$200.00	(R)
Intra-office Connecting Facility, per central office /MRK/	-	60.00	55.00	50.00	45.00	40.00	(R)

/1/ To but not including.

Issued: January 9, 2003

Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

Ameritech

Tariff

P.U.C.O. NO. 20
PART 20 SECTION 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 2nd Revised Sheet No. 1
Cancels
1st Revised Sheet No. 1

1. OPTIONAL OFF-PEAK TOLL SERVICE

Note: Effective March 11, 1993, no further installation of, or changes to Optional Off-Peak Toll service will be made. Optional Off-Peak Toll service in service on March 11, 1993, will be continued in service only for as long as such service remains at the location at which service was being furnished on the aforementioned date. Optional Off-Peak Toll service will be withdrawn on November 1, 1998, or earlier in the event that the in-service count declines to zero.

(C)

A. Regulations

- Off-peak toll service is an optional offering involving one-way customer-dialed only calling to exchange areas within the State of Ohio that are not over 22 airline miles (defined in Part 9, Section 1 of this tariff) from the exchange area in which the customer is located.
- 2. Off-peak toll service is provided subject to the availability of message toll telephone service facilities. In case a shortage of facilities exists, the provision of message toll telephone service shall take precedence over this service.
- 3. Off-peak toll service is provided for all residence customers and on all lines and trunks for non-residence customers.
- 4. Off-Peak toll service will be offered in an exchange area at the option of the serving telephone company, or upon application to such company of 5% or 100 customers in that exchange area, in any of the following mileage bands to be designated by the serving telephone company: 10, 16 or 22 airline miles.

The Ohio Bell Telephone Company will only offer a single service covering 0-22 miles but other concurring telephone companies may elect shorter distances.

- 5. Off-peak toll service is available from 3:00 PM on any week day to 9:00 AM the following week day, from 3:00 PM on Friday to 9:00 AM the following Monday and on Holidays as defined in Part 9, Section 1 of this tariff.
- 6. Off-peak toll service will not be furnished with foreign central office or foreign exchange services set forth in Part 4, Section 3 of this tariff.

Issued: November 10, 1997 Effective: November 10, 1997

In accordance with Case No. 97-1260-TP-ATA, issued October 10, 1997.

By J. F. Woods, President, Cleveland, Ohio

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 9

Tariff

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet No. 7
Cancels
Original Sheet No. 7

/1/

(D)

1. OPTIONAL OFF-PEAK TOLL SERVICE (cont'd)

B. Rates

- 1. Monthly rates for off-peak toll service are based on distance and are determined on a per line basis for the first hour and each additional fifteen minutes of use. Unless otherwise requested by the customer, where off-peak toll is furnished on two or more services of the same class, grade and type on a given premises, the initial time period will be the product of one hour multiplied by the number of services; the additional period will be the sum of the accumulated measured times of such services in excess of that product.
- 2. Each message will be counted as at least one minute in duration.
- 3. Rates for off-peak toll service are as follows:

| Option | Miles | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Or Fraction Thereof | Sach Additional 15 Minutes | Or Fraction Thereof | Or Fraction Ther

Note: The Ohio Bell Telephone Company will only offer a single service covering 0-22 miles but other concurring telephone companies may elect shorter distances in various exchange areas.

- 4. When off-peak is ordered on an existing service, the change charge set forth in Part 3, Section 1 of this tariff or the appropriate concurring telephone company's tariff will apply.
- 5. A minimum service period of one month is applicable and applies only to toll messages after the service is instituted. In no case will it apply to toll messages made before ordering the service.
 - a. The minimum service period of one month begins the day following completion of establishment of the service.
 - b. The minimum charge applicable in event a customer terminates offpeak toll service prior to one month is the charge for the first hour.

/1/ Also cancels Original Pricing List Sheet No. 7 in this Section.

Issued: May 26, 2000 Effective: May 27, 2000

In accordance with Opinion and Order in Case No. 93-487-TP-ALT, issued by The Public Utilities Commission of Ohio, dated April 27, 2000.

By J. F. Woods, President, Cleveland, Ohio

EXHIBIT A SHEET 213

Ameritech

Tariff

P.U.C.O. NO. 20
PART 20 SECTION 9

1st Revised Sheet No. 10
Cancels
Original Sheet No. 10

/1/

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

3. AMERITECH VALUELINK PREMIER

Effective December 19, 1997, no further installations of, or changes to Ameritech ValueLink Premier will be made. Customers on a Term Payment Plan longer than month-to-month on December 19, 1997, may continue their service until the contract expiration date, as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that Ameritech ValueLink Premier is discontinued at its present location for any reason, it will not be reestablished.

A. DESCRIPTION

Ameritech ValueLink Premier is a discounted outbound intraLATA Toll usage plan. The Ameritech ValueLink Premier usage and term commitment structure allows customers to receive reduced per minute rates. Ameritech ValueLink Premier is available for calls originating from the exchange areas designated below:

(T)/2/ | | | (T)/2/

All Ameritech-Ohio exchange areas as set forth Part 4, Section 1 of this tariff.

B. TERMS AND CONDITIONS

In addition to the regulations set forth in other portions of this tariff, the following terms and conditions apply to this service.

- 1. Ameritech ValueLink Premier rates apply to customer-dialed station-to-station intraLATA long distance calls. Ameritech ValueLink Premier cannot be combined with any other message telecommunications usage calling plan. Ameritech ValueLink Premier is available on Centrex switching systems.
- 2. Centrex switching systems require Virtual Routing for the provisioning of Ameritech ValueLink Premier.
- 3. Ameritech ValueLink Premier is available on a month-month, 12, 24 or 36 month term plan.
- /1/ Also cancels Original Pricing List Sheet No. 10 in this Section.
- /2/ Material formerly appeared on Original Pricing List Sheet No. 10 in this Section.

Issued: May 26, 2000 Effective: May 27, 2000

In accordance with Opinion and Order in Case No. 93-487-TP-ALT, issued by The Public Utilities Commission of Ohio, dated April 27, 2000.

Ameritech

Tariff

P.U.C.O. NO. 20
PART 20 SECTION 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet No. 11
Cancels
Original Sheet No. 11

3. AMERITECH VALUELINK PREMIER (cont'd)

B. TERMS AND CONDITIONS (cont'd)

- 4. Ameritech ValueLink Premier provides the following features:
 - a. Price Protection which guarantees no price increases for the duration of the 12, 24, or 36 month term plan. Price Protection is not provided for the month-month plan
 - b. Contract Upgrade which allows the customer to upgrade to longer term and/or larger volumes at lower prices.
- 5. Ameritech ValueLink Premier offers a variety of monthly usage package options. These usage package options represent different levels of Minimum Monthly Usage Commitment (MMUC) or Minimum Annual Usage Commitment (MAUC), per account, among which customers may choose. The monthly usage package option selected by the customer will be the minimum monthly usage charge for the service at the payment plan selected by the customer.
- 6. The Ameritech ValueLink Premier MMUC and MAUC, per account, per usage package option, and per minute rates are those set forth in C. (T) following. (T)
- 7. Ameritech ValueLink Premier usage is billed in initial 18 second or fraction thereof and each additional 6 second or fraction thereof increments.

Issued: May 26, 2000 Effective: May 27, 2000

In accordance with Opinion and Order in Case No. 93-487-TP-ALT, issued by The Public Utilities Commission of Ohio, dated April 27, 2000.

C. PRICES

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 9

Tariff

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet No. 12
Cancels /2/
Original Sheet No. 12

(C)

3. AMERITECH VALUELINK PREMIER (cont'd)

(1) CENTREX SYSTEMS		

$M - \infty + h$	$M \circ \infty + h$	Torm	

Month-Month Ter	m			
		PEAK ^{/1/}	OFF-PEAK ^{/1/}	(C)
Option	MMUC	Rate/Min.	Rate/Min	
(1)	\$ 500	\$0.0890	\$0.0710	(C)
(2)	1,000	0.0870	0.0690	
(3)	1,500	0.0850	0.0680	
(4)	2,000	0.0830	0.0660	
(5)	2,500	0.0810	0.0640	(C)
12 Month Term				
Option	MAUC	Rate/Min.	Rate/Min	
(1)	\$ 6,000	\$0.0830	\$0.0660	(C)
(2)	12,000	0.0790	0.0630	()
(3)	18,000	0.0770	0.0610	
(4)	24,000	0.0750	0.0600	
(5)	30,000	0.0730	0.0580	(C)
(3)	30,000	0.0750	0.0000	(3)
24 Month Term				
Option	MAUC	Rate/Min.	Rate/Min	
(1)	\$ 6,000	\$0.0810	\$0.0640	(C)
(2)	12,000	0.0770	0.0610	
(3)	18,000	0.0750	0.0600	
(4)	24,000	0.0730	0.0580	
(5)	30,000	0.0710	0.0560	(C)
(3)	20,000	0.0720	0.0000	(3)
36 Month Term				
<u>Option</u>	MAUC	Rate/Min.	Rate/Min	
(1)	\$ 6,000	\$0.0790	\$0.0630	(C)
(2)	12,000	0.0750	0.0600	
(3)	18,000	0.0730	0.0580	
(4)	24,000	0.0710	0.0560	
(5)	30,000	0.0690	0.0550	(C)

/1/ The PEAK Rate Period extends from $8:00~{\rm AM}$ to $5:00~{\rm PM*}$ Monday through Friday.

The OFF-PEAK Rate Period extends from 5:00 PM to 8:00 AM* Monday through Friday and all day Saturday and Sunday.

*To, but not including

/2/ Also cancels Original Pricing List Sheet No. 12 in this Section.

Issued: May 26, 2000 Effective: May 27, 2000

In accordance with Opinion and Order in Case No. 93-487-TP-ALT, issued by The Public Utilities Commission of Ohio, dated April 27, 2000.

Ameritech

Tariff

P.U.C.O. NO. 20
PART 20 SECTION 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Original Sheet No. 13

3. AMERITECH VALUELINK PREMIER (cont'd)

/1/

C. PRICES (cont'd)

(2) Payment Plans:

Ameritech ValueLink Premier is available on a month-month, 12, 24 or 36 month term plan.

a. Month to Month:

The month-month term plan requires a Minimum Monthly Usage Commitment (MMUC).

The MMUC is a minimum usage level that a customer must commit to per month, per account, in order to receive the discounted per minute rate. If the total Ameritech ValueLink Premier usage charges are below the MMUC in any given month, the full amount of the applicable MMUC will apply in lieu of the actual usage charges.

b. Term Payment Plans:

The 12, 24 and 36 month term plans require Minimum Annual Usage Commitments (MAUC).

The MAUC is a minimum usage level that a customer must commit to per year, per account, in order to receive the discounted per minute rate. If the total Ameritech ValueLink Premier usage charges are below the MAUC in any given year, then the remaining balance of the MAUC will apply.

c. Termination Charges:

Customers who terminate their 12, 24 or 36 month plans before the expiration date of the contract will be billed a termination liability which consists of a lump sum equal to the MAUC rate times the number of years or fraction thereof, remaining on the contract.

Commission approval of the above termination liability language is not intended to indicate that the Commission has sanctioned any particular legal result should a dispute arise between the parties. In the event of dispute signators to such contracts may pursue whatever legal remedies they deem appropriate to resolve the dispute.

d. At the expiration of the selected Ameritech ValueLink Premier term, if the customer does not expressly indicate election of a new term, rates will revert to the highest Month-Month per minute rate.

/1/

/1/ Material formerly appeared in Part 9, Section 3, on Original Sheet No. 10

Issued: December 19, 1997

Effective: December 19, 1997

In accordance with Case No. 97-1509-TP-ATA, issued November 18, 1997.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Original Sheet No. 14

3. AMERITECH VALUELINK PREMIER (cont'd)

/1/

C. PRICES (cont'd)

3. Other Applicable Charges and Payments

Centrex switching systems require Virtual Routing for the provisioning of Ameritech ValueLink Premier.

References:

Service	Reference		
Virtual Routing	Ameritech Catalog	/1/	

/1/ Material formerly appeared in Part 9, Section 3, on 1st Revised Sheet No. 11.

Issued: December 19, 1997 Effective: December 19, 1997

In accordance with Case No. 97-1509-TP-ATA, issued November 18, 1997.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 9

Tariff

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet No. 15
Cancels
Original Sheet No. 15

/1/

4. AMERITECH AREA WIDE CALLING

Effective June 10, 1999, no further installations or moves to Area Wide Calling will be made. Customers of record on June 10, 1999 may continue their service as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that these services are discontinued at their present location, they will not be reestablished.

A. DESCRIPTION

Ameritech Area Wide Calling is a residential optional calling plan that offers thirty (30) minutes of toll calling to exchanges within the customer's home LATA.

B. TERMS AND CONDITIONS

- 1. Ameritech Area Wide Calling is applicable only to direct dialed intraLATA toll calls.
- 2. Ameritech Area Wide Calling is an option available to any class of residence service (excluding PBX trunks).
- 3. Ameritech Area Wide Calling is available for calls between exchange areas designated below:

Ameritech-Ohio

- All Ameritech-Ohio exchange areas as set forth in Part 4, Section 1 of this tariff.

The Champaign Telephone Company

- Urbana
- Terry Haute

(T)/2/

(T)/2/

/3/

- /1/ Also cancels Original Pricing List Sheet No. 15 in this Section.
- /2/ Material formerly appeared on Original Pricing List Sheet No. 15 in this Section.
- /3/ Material now appears on Original Sheet No. 15.1 in this Section.

Issued: May 26, 2000 Effective: May 27, 2000

In accordance with Opinion and Order in Case No. 93-487-TP-ALT, issued by The Public Utilities Commission of Ohio, dated April 27, 2000.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Original Sheet No. 15.1

4. AMERITECH AREA WIDE CALLING (cont'd)

/1/

B. TERMS AND CONDITIONS (cont'd)

- 4. Call detail is provided with Ameritech Area Wide Calling for toll calls.
- 5. Ameritech Area Wide Calling is offered to customers statewide, however it is applicable only to intraLATA toll calls within the customer's home LATA.
- 6. Ameritech Area Wide Calling may not be combined with any other optional calling plan.
- 7. Ameritech Area Wide Calling excludes operator-handled and customer-dialed credit card calls.

/1/ Material formerly appeared on Original Sheet No. 15 in this Section.

Issued: May 26, 2000 Effective: May 27, 2000

In accordance with Opinion and Order in Case No. 93-487-TP-ALT, issued by The Public Utilities Commission of Ohio, dated April 27, 2000.



PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 6th Revised Sheet No. 16
Cancels
5th Revised Sheet No. 16

4. AMERITECH AREA WIDE CALLING (cont'd)

B. TERMS AND CONDITIONS

- 8. Ameritech Area Wide Calling is time-of-day insensitive.
- 9. A monthly rate is applicable to provide Ameritech Area Wide Calling per line, includes thirty (30) minutes, or fraction thereof, of usage and is in addition to all other rates and charges; except that when a residence customer has more than one residence line and such lines are billed as one account (consolidated billing), only one monthly rate and allowance are applicable.
- 10. The thirty minute usage allowance provided under the Ameritech Area Wide Calling monthly rate must be used in the current month. Any unused portion of the allowance will not be credited to the customer's account and may not be carried over.
- 11. Usage in excess of the thirty (30) minute allowance will be billed at Schedule B Residence rates as set forth in Section 1 of this Part less a 30% discount.

C. PRICES

The Ameritech Area Wide Calling monthly rate includes thirty (30) minutes (or fraction thereof) of Ameritech Area Wide Calling usage.

1. Service Elements

Description	Nonrecurring Charge	
Ameritech Area Wide Calling, each (includes 30 minutes of use)	\$5.50	(I)

Issued: March 15, 2004 Effective: March 15, 2004

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Original Sheet No. 36

6. PEAK/OFF-PEAK PLAN^{/1/}

(C)/2/

A. DESCRIPTION

The Peak/Off-Peak Plan is an optional calling plan that provides residence customers with a simplified intraLATA message toll pricing option. The Peak/Off-Peak Plan consists of a fixed rate per minute with Peak and Off-Peak discount periods. The fixed per minute rate is not distance sensitive.

B. TERMS AND CONDITIONS

The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff.

- 1. The Peak/Off-Peak Plan is available to residence customers.
- 2. The Peak/Off-Peak Plan is not available on ISDN lines.
- 3. The Peak/Off-Peak Plan is applicable to customer dialed station-tostation calls only. Operator handled and customer dialed credit card calls are not included.
- 4. The Peak/Off-Peak Plan is available statewide, however it is applicable only to intraLATA toll calls within the customer's home LATA.
- 5. The Peak/Off-Peak Plan cannot be combined with any other optional calling plan on the same line.
- 6. The Peak/Off-Peak Plan is only available to customers of Ameritech's residence local exchange service.
- 7. No Service Charges are applicable to establish or change to the Peak/Off-Peak Plan.
- /1/ Effective August 1, 2004, no further installation of, or changes to the Peak/Off-Peak Plan will be made. Peak/Off-Peak service in service on August 1, 2004 will be continued in service only for as long as such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.
- /2/ Material formerly appeared on Original Sheet 21 in Part 9, Section 3 of this Tariff.

Issued: July 30, 2004

Effective: August 1, 2004

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

/2/



PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Original Sheet No. 38

11. AMERITECH SAVER PACK 30/1/

(C)/2/

A. DESCRIPTION

Ameritech Saver Pack 30 is an optional calling plan that provides residence customers with a simplified intraLATA message toll pricing option. Ameritech Saver Pack 30 consists of a single monthly rate for a specified number of usage minutes per month.

B. TERMS AND CONDITIONS

The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff.

- 1. Ameritech Saver Pack 30 is only available to customers of Ameritech's residence local exchange service.
- 2. Ameritech Saver Pack 30 is not available on ISDN lines.
- 3. Ameritech Saver Pack 30 is applicable to customer dialed station-tostation calls only. Operator handled and customer dialed credit card calls are not included.
- 4. Ameritech Saver Pack 30 is available statewide, however it is applicable only to intraLATA toll calls within the customer's home LATA.
- 5. Ameritech Saver Pack 30 cannot be combined with any other optional calling plan on the same line.
- 6. Ameritech Saver Pack 30 is available on an account basis.
- 7. No Service Charges are applicable to establish or change to Ameritech Saver Pack 30.
- /1/ Effective August 1, 2004, no further installation of, or changes to Ameritech Saver Pack 30 will be made. Ameritech Saver Pack 30 service in service on August 1, 2004 will be continued in service only for as long as such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.
- /2/ Material formerly appeared on Original Sheet 33 in Part 9, Section 3 of this Tariff.

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By Connie Browning, President, Cleveland, Ohio

EXHIBIT A SHEET 223

/2/



PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Original Sheet No. 40

11. AMERITECH SAVER PACK 60'1/

(C)/2/

A. DESCRIPTION

Ameritech Saver Pack 60 is an optional calling plan that provides residence customers with a simplified intraLATA message toll pricing option. Ameritech Saver Pack 60 consists of a single monthly rate for a specified number of usage minutes per month.

B. TERMS AND CONDITIONS

The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff.

- Ameritech Saver Pack 60 is only available to customers of Ameritech's residence local exchange service.
- 2. Ameritech Saver Pack 60 is not available on ISDN lines.
- 3. Ameritech Saver Pack 60 is applicable to customer dialed station-tostation calls only. Operator handled and customer dialed credit card calls are not included.
- 4. Ameritech Saver Pack 60 is available statewide, however it is applicable only to intraLATA toll calls within the customer's home LATA.
- 5. Ameritech Saver Pack 60 cannot be combined with any other optional calling plan on the same line.
- 6. Ameritech Saver Pack 60 is available on an account basis.
- 7. No Service Charges are applicable to establish or change to Ameritech Saver Pack 60.
- /1/ Effective August 1, 2004, no further installation of, or changes to Ameritech Saver Pack 60 will be made. Ameritech Saver Pack 60 service in service on August 1, 2004 will be continued in service only for as long as such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.
- /2/ Material formerly appeared on Original Sheet 35 in Part 9, Section 3 of this Tariff.

Issued: July 30, 2004

Effective: August 1, 2004

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

/2/

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Original Sheet No. 42

11. AMERITECH SAVER PACK 120^{/1/}

(C)/2/

A. DESCRIPTION

Ameritech Saver Pack 120 is an optional calling plan that provides residence customers with a simplified intraLATA message toll pricing option. Ameritech Saver Pack 120 consists of a single monthly rate for a specified number of usage minutes per month.

B. TERMS AND CONDITIONS

The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff.

- 1. Ameritech Saver Pack 120 is only available to customers of Ameritech's residence local exchange service.
- 2. Ameritech Saver Pack 120 is not available on ISDN lines.
- 3. Ameritech Saver Pack 120 is applicable to customer dialed station-to-station calls only. Operator handled and customer dialed credit card calls are not included.
- 4. Ameritech Saver Pack 120 is available statewide, however it is applicable only to intraLATA toll calls within the customer's home LATA.
- 5. Ameritech Saver Pack 120 cannot be combined with any other optional calling plan on the same line.
- 6. Ameritech Saver Pack 120 is available on an account basis.
- 7. No Service Charges are applicable to establish or change to Ameritech Saver Pack 120.
- /1/ Effective August 1, 2004, no further installation of, or changes to Ameritech Saver Pack 120 will be made. Ameritech Saver Pack 120 service in service on August 1, 2004 will be continued in service only for as long as such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.
- /2/ Material formerly appeared on Original Sheet 37 in Part 9, Section 3 of this Tariff.

Issued: July 30, 2004 Effective: August 1, 2004

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

| /2/



PART 20 - Grandfathered Services
SECTION 10 - Wide Area Telecommunications
Services (WATS)

3rd Revised Sheet No. 1
Cancels
2nd Revised Sheet No. 1

1. WIDE AREA TELECOMMUNICATIONS SERVICE

Effective November 11, 1996, no further installations, moves, rearrangements, or changes of any type to Wide Area Telecommunications Service (WATS) will be made. Customers of record on November 11, 1996 may continue their service as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be reestablished. The preceding supersedes all of the rules and regulations that follow. Effective January 31, 2007, Wide Area Telecommunications Service will be withdrawn in its entirety.

(C)

A. REGULATIONS

1. The following general regulations are applicable to Wide Area Telecommunications Service (WATS). In addition, where reference is made in this tariff to regulations, rates and charges specified in Tariffs of the Telephone Company, such Tariffs as they now exist, or as they may be revised, added to or supplemented, are hereby adopted and made a part of this Tariff.

2. Definition

- a. WATS includes two types of service as set forth below: (All 800 Service can be provisioned with an 800 or 888 service number.)
 - (1) Outward WATS is the furnishing of facilities required for dial type telecommunications from a telephone over a WATS access line to telephones within the State of Ohio, in accordance with the regulations, rates and charges specified herein.
 - (2) 800 Service (Inward WATS) is the furnishing of facilities required for dial type telecommunications from telephones within the State of Ohio over a WATS access line to a telephone, in accordance with the regulations, rates and charges specified herein.

The WATS rates and charges set forth in this Tariff are in payment for the service furnished between the calling and called stations.

b. Dial type telecommunications, as specified in a. above, are calls dialed from or to a telephone connected to a WATS access line or, if facilities are not available for dial completion, a call placed with an operator from or to such telephone. The call may also be placed with an operator in the same manner if for any reason a called dial station cannot be reached.

Issued: December 29, 2006 Effective: December 31, 2006

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

AT&T

P.U.C.O. NO. 20 PART 20 SECTION 10

PART 20 - Grandfathered Services
SECTION 10 - Wide Area Telecommunications
Services (WATS)

Original Sheet No. 1.1

WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

/1/

A. REGULATIONS (cont'd)

- 2. Definition
 - c. A WATS access line is a line connected to a Telephone Company central office and is provided as follows:
 - (1) For the purpose of originating calls (Outward WATS) or receiving calls (800 Service), but not for both.
- 3. Undertaking of Telephone Company

The Telephone Company does not undertake to transmit messages but furnishes the use of its facilities to its customers for communications.

4. Availability of Service

The furnishing of service under this tariff will require certain physical arrangements of the facilities of the Telephone Company and is therefore subject to the availability of such facilities.

- 5. Liability of Telephone Company
 - a. In view of the fact that the customer has exclusive control of his communications over the facilities furnished him by the Telephone Company, and of the uses for which facilities may be furnished him by the Telephone Company, and because of unavoidableness of errors incident to the furnishing of the services and to the use of such facilities of the Telephone Company, the services and facilities furnished by the Telephone Company are subject to the terms, conditions and limitations herein specified.
 - b. The Telephone Company's liability, if any, for its willful misconduct is not limited by this Tariff. With respect to any other claim or suit, by a customer, or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the provisions of c. through e. following, the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected.

/1/ This material formerly appeared on 1st Revised Sheet 1 in this Section.

Issued: August 1, 2006

Effective: August 1, 2006

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

/1/



P.U.C.O. NO. 20
PART 20 SECTION 10

PART 20 - Grandfathered Services
SECTION 10 - Wide Area Telecommunications
Services (WATS)

Original Sheet No. 2

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

(N)

A. REGULATIONS (cont'd)

- 5. Liability of Telephone Company (cont'd)
 - c. The Telephone Company shall be indemnified and saved harmless by the customer or customers against claims for libel, slander or the infringement of copyright arising directly or indirectly from the material transmitted over the facilities or the use thereof; against claims for infringement of patents arising from combining with, or using in connection with, facilities furnished by the Telephone Company, apparatus and systems of the customer; against all other claims arising out of any act or omission of the customer in connection with the facilities provided by the Telephone Company; and against any and all losses from damage to the customer's facilities or equipment attached or connected to facilities furnished by the Telephone Company.
 - d. When the lines of another telephone company are used in establishing connections to points not reached by the Telephone Company's lines, the Telephone Company shall not be held liable for any act or omission of the other company.
 - e. The Telephone Company does not guarantee nor make any warranty with respect to equipment provided by it for use in an explosive atmosphere. The customer or customers indemnifies and holds the Telephone Company harmless from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or customers or by any other person or persons, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, whether owned by customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of said equipment so provided.

The Telephone Company may require each customer to sign an agreement for the furnishing of such equipment as a condition precedent to the furnishing of such equipment.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services
SECTION 10 - Wide Area Telecommunications
Services (WATS)

Original Sheet No. 3

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

(N)

A. REGULATIONS (cont'd)

5. Liability of Telephone Company (cont'd)

The customer shall furnish, install and maintain sealed conduit with explosion-proof fittings between the equipment provided by the Telephone Company and points outside the hazardous areas where connection may be made with regular facilities of the Telephone Company. The customer may also be required to install and maintain the equipment within the hazardous area if, in the opinion of the Telephone Company, injury or damage to Telephone Company employees or property might result from the installation or maintenance of such equipment by the Telephone Company.

- 6. Limitations of Service
 - a. WATS does not include person-to-person, collect, or conference calls, or other calls requiring operator handling except as provided in B.2.b. preceding.
 - b. WATS is not represented as adapted for connection to other services of the Telephone Company or to customer-provided facilities. It is contemplated that the service will have satisfactory transmission only between the telephone connected to the access line and the calling or called station.
- 7. Advance Payments

The Telephone Company reserves the right to require applicants to make such advance payments as may be necessary to the protection of the Telephone Company's Wide Area Telecommunications Service revenues. The amount of the advance payment is credited to the customer's account as applying to any indebtedness under the contract.

8. Construction Charges

The charges as set forth in Part 2, Section 5 of this Tariff are applicable to WATS.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

PART 20 - Grandfathered Services
SECTION 10 - Wide Area Telecommunications
Services (WATS)

Original Sheet No. 4

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

(N)

A. REGULATIONS (cont'd)

9. Denial and Restoration of Service

See Part 2, Section 2 of this Tariff.

10. Deposits

See Part 2, Section 2 of this Tariff.

11. Payment for Service

See Part 2, Section 2 of this Tariff.

12. Authorized Attachments or Connections

See Part 2, Section 9 of this Tariff.

13. Broadcast of Recordings of Telephone Conversations

See Part 2, Section 9 of this Tariff.

- 14. Use of the Service
 - a. The Telephone Company will permit the resale or sharing of WATS under the terms and regulations in Part 2, Section 2 of this Tariff and subject the provisions of this Tariff.
 - b. WATS is furnished subject to the condition that there will be no abuse or fraudulent use of the service, as defined in Part 2, Section 2 of this Tariff.
 - c. A written notice will be sent to any customer following oral notification when their service unreasonably interferes with or impairs other services rendered to the public by the Telephone Company. If, after notification, the customer makes no modification in method of operation or in the service arrangements that are deemed service-protective by the Telephone Company, or if the customer is unwilling to accept the modifications, or if the customer continues to cause service impairment, the Telephone Company reserves the right, at any time without further notice, to institute protective measures, up to and including termination of service. In an emergency situation as defined by the Telephone Company, the Telephone Company reserves the right to suspend service without advance notice.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS)

Original Sheet No. 6

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

(N)

A. REGULATIONS (cont'd)

- 23. Allowance for Interruptions
 - a. Allowance for interruptions apply to each Inward and Outward WATS access line as follows:
 - (1) When the WATS access line is interrupted for a period of less than 2 hours, no credit applies.
 - (2) When the WATS access line is interrupted for a period of 2 hours to 24 hours, a credit of \$23.00 applies.
 - (3) When the WATS access line is interrupted for a period of more than 24 hours, a credit of \$23.00 applies for each 24 hour period or any fraction thereof.
 - (4) The credit in (2) and (3) above includes all credit to be applied for an interruption.
 - (5) None of the above credit allowances will be made for:
 - (a) non-completion of WATS messages due to busy network conditions;
 - (b) interruption of service due to customer-provided equipment or systems;
 - (c) interruption of service due to the negligence of the customer;
 - (d) interruption of service during any period in which the Telephone Company is not afforded access to the premises at which the WATS access line is terminated; or
 - (e) interruption of service during any period when the customer has released the WATS access line to the Telephone Company for maintenance purposes, or implementation of a customer order for a change in service arrangement.
 - c. Message toll telephone service furnished to a customer when his WATS access line is interrupted is charged for at the message toll telephone service rates specified in Part 9, Section 1 of this Tariff.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services
SECTION 10 - Wide Area Telecommunications
Services (WATS)

Original Sheet No. 8

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

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B. WATS SERVICE (Inward WATS and Outward WATS)

- 1. Rates and Charges
 - a. WATS service includes a WATS access line component. The WATS access line consists of all facilities, including outside plant facilities and premises wiring, from the Telephone Company serving central office equipment to the first Telephone Company-provided jack or outlet on the customer's premises as covered in C.6. following.
 - b. The monthly rates for WATS access lines are as follows:

Description /Billing Code

Monthly Rate

(1) Outward WATS /WFCOS/

\$27.50

(2) 800 Service (Inward WATS) /WFC1S/

32.00

2. Message Usage Charging

The furnishing of WATS is based upon message usage determined separately for outward WATS and 800 Service as follows:

- a. Determine the total number of calls.
- b. Determine the equivalent hours used by applying the minimum average time requirement of 60 seconds, i.e., 1 call = 1 minute.
- c. Determine the total actual hours used.
- d. Determine the chargeable hours which is the greater of b. or c. preceding, rounded to the nearest tenth (one decimal place).
- e. Determine the total number of access lines in service during the month. Access lines in service for a fraction of a month are based on the number of days in service divided by 30 days. The result is rounded to the nearest hundredth (two decimal places).
- f. Determine the average use per line by dividing the chargeable hours in d. preceding by the number of access lines in e. preceding.
- g. Determine the usage charge per line by multiplying the hourly rate in each appropriate hourly group (see i. following) by the number of hours used in each such group and totaling these charges.
- h. Determine the total usage charge by multiplying the usage charge per access line in g. preceding by the total number of access lines in e. preceding.

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

(N)

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services Sheet No. 1 Revision No. 1 Cancels Original Sheet No. 1

1. RESTORATION PRIORITY CHARGE

(T)

Upon receipt of certification in conformance with Part 64, Subpart D, Appendix A of the Federal Communications Commission's Rules and Regulations which specifies the priority system for restoration of private line service, the Telephone Company will change the priority designation of a private line service. A restoration priority change charge in an amount equal to the charge specified in Part 15, Section 1, applies when the customer requests a change in the restoration priority after the service has been established or after the service has been ordered but prior to start of service. No charge applies when the restoration priority certification is provided with the order to establish the service.

Effective September 10, 1990 no further requests for Restoration Priority (RP) Service will be accepted by the Telephone Company. Existing RP customers will be converted to the Telecommunications Service Priority (TSP) System subject to the provisions set forth in 2.6.11 preceding.

RP service will expire on March 10, 1993, or when all services are converted to TSP, whichever is sooner.

Issued: January 17, 1996 Effective: February 2, 1996

In accordance with Order No. 71-48-T, issued by The Public Utilities Commission of Ohio, April 13, 1971.

Ameritech

P.U.C.O. NO. 20 PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 2

2. CHANNELS

2.1 Classification and Rates

2.1.1 Basic Digital Service (BDS)

Effective March 16, 1992, no further requests for, or rearrangements of Basic Digital Service will be accepted by the Telephone Company. Existing customers who will not experience any increase in rate will be converted to Ameritech Base Rate Service at no charge. For those customers Ameritech Base Rate Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Basic Digital Service.

A. Types and Description

Basic Digital Service (BDS) provides for the four-wire simultaneous two way transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6 or 56 Kilobits per second (Kbps).

BDS is used to connect two customer premises for digital communication between such premises, or a customer premise and central office.

B. Regulations

In addition to the regulations set forth in Part 15, Section 2 of this tariff, the following regulations apply to BDS.

- 1. The regulations specified herein are in addition to the applicable regulations specified in this and other tariffs of this Company, except as modified in the following paragraphs:
 - a. Termination Charges
 - (1) When service is terminated by the customer, or by the Telephone Company for any reason for which it may terminate such service under the provisions of this tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished:
 - (a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charge will be charges due for the unexpired portion of the one month period.

Material formerly appeared in Private Line Service Tariff, 3rd Revised Sheet ${\tt No.~100.1}$

Issued: October 2, 1995 Effective: October 2, 1995

In accordance with Case No. 95-815-TP-ATA, issued September 1, 1995.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 7

- 2. CHANNELS (Cont'd)
- 2.2 High Capacity Transport Service

Effective March 16, 1992, no further requests for Direct High Capacity Service will be accepted by the Telephone Company. Existing customers who will not experience any increase in rate will be converted to Ameritech DS1 Service at no charge. For those customers Ameritech DS1 Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Direct High Capacity Service.

A. General

- 1. High Capacity Transport Service consists of two-point digital channels and equipment which provides for simultaneous two-way isochronous transmission at a speed of 1.544 Megabits per second (Mbps). High Capacity Transport Service may be used to connect:
 - a. two customer premises
 - b. a customer premises and the central office
 - c. between central offices for access between Centrex Services.

Material formerly appeared in Private Line Service Tariff, 1st Revised Sheet No. 80.1

Issued: October 2, 1995

Effective: October 2, 1995

In accordance with Case No. 95-815-TP-ATA, issued September 1, 1995.

Ameritech

P.U.C.O. NO. 20 PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications
Services

Original Sheet No. 8

- 2. CHANNELS (Cont'd)
- 2.2 High Capacity Transport Service (Cont'd)
 - B. Regulations
 - 1. The regulations specified herein are in addition to the applicable regulations specified in this and other tariffs of this Company.
 - 2. High Capacity Transport Service is offered under the Variable Term Payment Plan (VTPP) as specified in Part 2, Section 3 of this tariff. All conditions and regulations pertaining to the VTPP are included in Part 2, Section 3 of this tariff, except as modified in the following paragraphs:
 - a. Termination Charges
 - (1) When service is terminated by the customer, or by the Telephone Company for any reason for which it may terminate such service under the provisions of this tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished:
 - (a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charges will be charges due for the unexpired portion of a twelve month period.

(b) Contract Periods of Three or Five Years

In the case of services for which the initial contract period is three or five years, the termination charges will be an amount equal to fifty per cent of the charges for the unexpired portion of such initial contract period, at the rate in effect at the time the service is discontinued.

Material formerly appeared in Private Line Service Tariff, 9th Revised Sheet No. 81

Issued: October 2, 1995 Effective: October 2, 1995

In accordance with Case No. 95-815-TP-ATA, issued September 1, 1995.

Ameritech

Tariff

P.U.C.O. NO. PART 20 SECTION 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 9

2. CHANNELS (Cont'd)

- 2.2 High Capacity Transport Service (Cont'd)
 - B. Regulations (Cont'd)
 - 3. Availability of Service
 - a. High Capacity Transport Service can only be provided from central offices equipped for appropriate digital transmission.
 - b. High Capacity Transport Service is available on channels confined to the same building or continuous property on a cost incurred basis.

4. Provision of Service

- a. High Capacity Transport Service is available only on a two-point basis.
- b. Performance Criteria
 - (1) High Capacity Transport Service is designed to provide an average performance of at least 95% error-free seconds of transmission measured over a continuous 24 hour period.

5. Customer Signal Parameters

All signals generated by customer terminal equipment must meet the signal and format constraints described in Bell System Technical Reference Publication 43801 dated November, 1982, Bell System Technical Reference Publication 41451 dated January, 1983 and in Bell System Technical Reference Publication 62411 dated September, 1983.

C. Service Functions

1. Channelization

- a. Channelization equipment will be provided by the Telephone Company at the central office. If the customer wants the channelization equipment located on his premises, the equipment must be provided by the customer.
- b. The Telephone Company will provide Channelization equipment at the central office when the customer desires two-point, premises to central office or central office to central office services.
- c. Telephone Company provided central office channelization equipment provides service for up to 24 voice grade channels.

2. Channel Plug-Ins

One channel plug-in is required for each channel termination in the channelization equipment.

Material formerly appeared in Private Line Service Tariff, Original Sheet No. 81.1

Issued: October 2, 1995

Effective: October 2, 1995

In accordance with Case No. 95-815-TP-ATA, issued September 1, 1995.

Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

Original Sheet No. 26

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE

/1//2/

A. DESCRIPTION

Ameritech FDDI Service is a high speed fiber optic data transmission service operating at a data rate of 100 megabits per second. The service will be provided to customers with two or more designated premises on an intra-or inter-wire center basis within a LATA. This service can be used to connect customer locations in a point-to-point or multi-point configuration.

Ameritech FDDI Service is designed to provide a high bandwidth, general purpose interconnection between computers and peripheral equipment, including the interconnection of Local Area Networks (LANs) and other networks. It also can be used to extend campus data networks to offsite locations. Typical applications are transferring large files between data bases and providing access to high speed printers and graphics/CAD/CAM programs.

Customer interface to the Ameritech FDDI Service network termination point is a single mode to multimode fiber interface, at the customer location.

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/Material formerly appeared in Part 15, Section 4, Sheets Nos. 1 through 7.

Issued: January 18, 2001 Effective: January 18, 2001

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Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

Original Sheet No. 27

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1//2/

B. DEFINITIONS

Channel Mileage

Provides for the digital transmission facilities between serving wire centers within the network and their respective wire center node termination.

Premises Node Termination

Provides for the termination of digital transmission facilities on a customer's designated premises node. Included as part of the premises node termination is a standard channel interface arrangement which defines the technical characteristics associated with the service.

Central Office Regenerator

When a signal regenerator is required it must be provided at one of the Company's wire centers.

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/ Material formerly appeared in Part 15, Section 4, Sheets Nos. 1 through 7.

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P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 28

AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1//2/

C. TERMS AND CONDITIONS

In addition to regulations set forth elsewhere in this Tariff, the following regulations apply to Ameritech Fiber Distributed Data Interface (FDDI) Service:

- 1. A customer-provided optical interface will not be allowed. All customer-provided equipment must deliver the data signal for Ameritech FDDI Service within industry specifications for the subscribed data service.
- 2. Ameritech FDDI Service provides physical layer transport only. Error detection and correction of transported data is the customer's responsibility. The Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of or defects in such transmission, the reception of signals by CPE, or address signaling to the extent addressing is performed by the CPE.
- Ameritech FDDI Service is provided at the option of the Company where facilities permit. If appropriate facilities are not available, Special Construction charges may apply.

/3/

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/ Material formerly appeared in Part 15, Section 4, Sheet Nos. 1 through 7.
- /3/ Material now appeared on Original Sheet No. 29 in this Section.

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Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 29

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1/

/2/

D. FEATURES

1. Optional Features

Uninterruptible Power Supply (UPS)

Provides for a battery backup power source, per node termination equipped, in the event that normally provided utility power is lost.

Second Power Supply

Provides for a second power supply to be installed, per node termination. This power supply insures that if the primary power supply fails, the node termination will continue to operate. If requested, a second power supply must be applied to every node termination on the network.

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/Material formerly appeared in Part 15, Section 4, Sheet Nos. 1 through 7.

Issued: January 18, 2001

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Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

Original Sheet No. 30

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1//2/

E. TECHNICAL REFERENCES

Technical specifications for Ameritech FDDI Service are found in:

Subject

Technical Reference

Ameritech OPTINET 100 Mbps (FDDI) Interface AM TR-NIS-000077 Specifications

The Technical Reference can be obtained from:

Manager - TIRM Office Ameritech Services, Inc. 2000 W. Ameritech Center Drive, Locn 3A09F Hoffman Estates, IL 60196

For technical information pertaining to the customer interface, see American National Standards Institute (ANSI) document X3.166 (1990).

All signals generated by customer terminal equipment must meet the ANSI FDDI X3T9.5 interface specifications.

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- /2/Material formerly appeared in Part 15, Section 4, Sheet Nos. 1 through 7.

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Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 31

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1//2/

F. PRICES

1. Service Elements

Description /Billing Code/	N 	onrecurring Charge
Administrative Charge, per service order /ORCMX/	\$	140.00
Design and Central Office Connection Charge, per network /NRBCL/		230.00
Customer Connection Charge, per premises and wire center node terminations /NRBBL/		755.00

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/Material formerly appeared in Part 15, Section 4, Sheet Nos. 1 through 7.

Issued: January 18, 2001

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Ameritech

P.U.C.O. NO. 20
PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 32

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1//2/

F. PRICES (cont'd)

1. Service Elements (cont'd)

	Monthly Payment		
	Term Payment Plans		ans
	36	60	84
Description /Billing Code/	Months	Months	Months
Central Office Regenerator, per regenerator /CTJ/ - Monthly Extension Rate	\$1,400.00 1,680.00	\$1,100.00 1,320.00	\$ 900.00 1,080.00
Premises Node Termination, per customer premises node /N2TDX/ - Monthly Extension Rate	1,400.00	1,100.00 1,320.00	900.00 1,080.00
Channel Mileage, per inter-wire center mile /3LN6S/ - Monthly Extension Rate	140.00 168.00	100.00	80.00 96.00

/3/

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- /2/ Material formerly appeared in Part 15, Section 4, Sheet Nos. 1 through 7
- /3/ Material now appears on Original Sheet No. 33 in this Section.

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Ameritech

P.U.C.O. NO. 20 PART 20 SECTION 15

Tariff

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 33

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd) /1//2/

F. PRICES (cont'd)

1. Service Elements (cont'd)

	Monthly Payment		
	Term Payment Plans		
	36	60	84
Description /Billing Code/	Months	Months	Months
Optional Features and Functions			
Uninterruptable Power Supply (UPS),			
per node termination /UPW/	125.00	110.00	100.00
- Monthly Extension Rate	150.00	132.00	120.00
Second Power Supply (UPS),			
per node termination /2PS/	50.00	40.00	30.00
- Monthly Extension Rate	60.00	48.00	36.00

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/ Material formerly appeared in Part 15, Section 4, Sheet Nos. 1 through 7.

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PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 33.1

1. AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1//2/

F. PRICES (cont'd)

2. Payment Plans

• Term Payment Plans

Ameritech Fiber Distributed Data Interface (FDDI) Service is only available under the Term Payment Plan (TPP) whereby customers must select either a 36, 60 or 84 month period. After the selected Term Payment Plan period is satisfied:

For service ordered prior to October 4, 1999 the prevailing prices of the current plan will continue until the customer cancels or renews the service.

For service ordered after October 4, 1999 the Monthly Extension rate will apply unless a new TPP is selected.

Refer to Term Payment Plans in Part 15, Section 1.

• Single Payment Option (SPO)

A single payment option is available for this service. Refer to **Term Payment Plans** in Part 15, Section 1 for calculating Single Payment Options.

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/ Material formerly appeared on Sheet Nos. 1 through 7 in Part 15, Section 4 of this Tariff.

Issued: January 22, 2003 Effective: January 22, 2003

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By Connie Browning, President, Cleveland, Ohio

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 33.2

AMERITECH FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE (cont'd)

/1//2/

F. PRICES (cont'd)

3. Termination Charges

Termination Charges will apply to service terminated prior to the contracted period. Refer to *Termination Charges* in Part 15, Section 1 for calculating Termination Charges.

4. Credit Allowance

A credit allowance will be given for interruptions of service. Refer to **Credit Allowance** in Part 15, Section 1 for calculating Credit Allowances.

- /1/ Effective February 16, 2001, Ameritech Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.
- /2/ Material formerly appeared on Sheet Nos. 1 through 7 in Part 15, Section 4 of this Tariff.

Issued: January 22, 2003 Effective: January 22, 2003

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By Connie Browning, President, Cleveland, Ohio

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 54

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BASIC DIGITAL SERVICE (BDS)

Effective March 16, 1992, no further requests for, or rearrangements of, Basic Digital Service will be accepted by the Telephone Company. Existing customers who will not experience any increase in rate will be converted to Ameritech Base Rate Service at no charge. For those customers, Ameritech Base Rate Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Basic Digital Service.

A. Types and Description

Basic Digital Service (BDS) provides for the four-wire simultaneous two-way transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6 or 56 Kilobits per second (Kbps).

BDS is used to connect two customer premises for digital communication between such premises, or a customer premise and central office.

B. Regulations

In addition to the regulations set forth in Part 15, Sections 1 and 3 of this Tariff, the following regulations apply to BDS.

- 1. The regulations specified herein are in addition to the applicable regulations specified in this Tariff and in tariffs of this Company, except as modified in the following paragraphs:
 - a. Termination Charges
 - (1) When service is terminated by the customer, or by the Telephone Company for any reason for which it may terminate such service under the provisions of this Tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished:
 - (a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charge will be charges due for the unexpired portion of the one month period.

(b) Change Speed of Service

In the case of a change of speed from or to 2.4, 4.8, and 9.6 Kbps, termination charges do not apply. A change from 56 Kbps to 2.4, 4.8, 9.6 or vice versa constitutes a termination of contract and termination charges as specified in (a) preceding will apply.

(N)

Issued: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio



PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 58

5. HIGH CAPACITY TRANSPORT SERVICE

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Effective March 16, 1992, no further requests for Direct High Capacity Service will be accepted by the Telephone Company. Existing customers who will not experience any increase in rate will be converted to Ameritech DS1 Service at no charge. For those customers Ameritech DS1 Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Direct High Capacity Service.

A. General

- 1. High Capacity Transport Service consists of two-point digital channels and equipment which provides for simultaneous two-way isochronous transmission at a speed of 1.544 Megabits per second (Mbps). High Capacity Transport Service may be used to connect:
 - a. two customer premises
 - b. a customer premises and the central office
 - c. between central offices for access between Centrex Services.

B. Regulations

- 1. The regulations specified herein are in addition to the applicable regulations specified in this tariff and in tariffs of this Company.
- 2. High Capacity Transport Service is offered under the Variable Term Payment Plan (VTPP) as specified in Part 2, Section 3 of this Tariff. All conditions and regulations pertaining to the VTPP are included in Part 2, Section 3 of this Tariff, except as modified in the following paragraphs:

a. Termination Charges

- (1) When service is terminated by the customer, or by the Telephone Company for any reason for which it may terminate such service under the provisions of this tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished:
 - (a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charges will be charges due for the unexpired portion of a twelve month period.

Effective: January 9, 2003

(N)

Issued: January 9, 2003

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PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

Original Sheet No. 60

5. HIGH CAPACITY TRANSPORT SERVICE (cont'd)

(N)

- B. Regulations (cont'd)
 - 6. Service Functions/Channelization
 - a. Channelization equipment will be provided by the Telephone Company at the central office. If the customer wants the channelization equipment located on his premises, the equipment must be provided by the customer.
 - b. The Telephone Company will provide Channelization equipment at the central office when the customer desires two-point, premises to central office or central office to central office services.
 - c. Telephone Company provided central office channelization equipment provides service for up to 24 voice grade channels.
 - 7. Channel Plug-Ins

One channel plug-in is required for each channel termination in the channelization equipment.

C. Rates and Charges

The following rates and charges apply for High Capacity Transport Service in addition to the rates and charges for the associated service.

(N)

Issued: January 9, 2003 Effective: January 9, 2003

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

Original Sheet No. 69

DS3 SERVICE PACKAGES^{/1/} (cont'd)

C. TERMS AND CONDITIONS

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In addition to the Terms and Conditions set forth in Part 15, Section 1, the following applies to Ameritech DS3 Service.

1. DS3 Service Package

Each DS3 Service Package must have a minimum number of service channels activated at all times. A new DS3 Service Package must be installed with at least the minimum required Service Channels. A customer may not disconnect Service Channels from an existing DS3 Service Package below the minimum required in that package without downgrading the Service Package size or terminating the Ameritech DS3 LDC Service.

DS3 Service Package		
(with Electrical	Minimum Required	Maximum Available
Interface)	SCs	SCs
DS3	1	1
DS3B	1	2
DS3C	1	3
DS3F	3	6
DS3L	7	12
DS3X	13	24

/2/

- /1/ DS3 Service Packages will not be available to new customers after April 10, 2000. Customers with existing DS3 Service Packages may maintain their service as currently configured, or may add/reduce the number of active Service Channels within their existing Service Package configuration subject to the terms and conditions of this tariff. However, existing customers may not; order new DS3 Service Packages, renew their DS3 Service Package TPP, or upgrade their DS3 Service Packages after April 10, 2000. Customers may convert their existing DS3 Service Package(s) to DS3 Service as offered after April 10, 2000 at no charge as long as the new TPP is of equal or longer term as their previous Service Package TPP and there is no decrease in the quantity of DS3 channels. DS3 Service Packages will no be available after April 9, 2005.
- /2/ Material formerly appeared on 2nd Revised Sheet 33, Part 15, Section 3 of this Tariff

Issued: March 11, 2003

Effective: March 11, 2003

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PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

Original Sheet No. 70

6. DS3 SERVICE PACKAGES^{/1/} (cont'd)

C. TERMS AND CONDITIONS (cont'd)

1. DS3 Service Package (cont'd)

Ameritech DS3 Service Packages are available with an optical channel interface. These Ameritech DS3 Service Packages provide a single optical interface for multiple DS3 Service Channels (SCs) and are available as follows:

DS3 Service Package (with Optional Interface)	Minimum Required SCs in Package	Maximum Number of DS3 Equivalent SCs
DS3012	1	12
DS3024	13	24

All DS3 service channels within the package must be ordered for termination at the same customer designated premises, billed to the same customer and in the same Serving Wire Center (SWC). All service channels in a package are required to be connected to other service components (i.e., channel mileage, multiplexing, or another service channel) at the time the service channel is installed, except at the fiber hub.

The interconnection of individual service channels with other components, such as channel mileage and multiplexing, may be different. For example, one service channel within the package may have multiplexing, while another service channel may have channel mileage associated with it. Components connected to each service channel in the service package may have different Term Payment Plans periods from the service package in which the service channels reside.

- /1/ DS3 Service Packages will not be available to new customers after April 10, 2000. Customers with existing DS3 Service Packages may maintain their service as currently configured, or may add/reduce the number of active Service Channels within their existing Service Package configuration subject to the terms and conditions of this tariff. However, existing customers may not; order new DS3 Service Packages, renew their DS3 Service Package TPP, or upgrade their DS3 Service Packages after April 10, 2000. Customers may convert their existing DS3 Service Package(s) to DS3 Service as offered after April 10, 2000 at no charge as long as the new TPP is of equal or longer term as their previous Service Package TPP and there is no decrease in the quantity of DS3 channels. DS3 Service Packages will no be available after April 9, 2005.
- /2/ Material formerly appeared on Original Sheet 33.1 and 4th Revised Sheet 34, Part 15, Section 3 of this Tariff.

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By Connie Browning, President, Cleveland, Ohio

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PART 20 - Grandfathered Services SECTION 17 - ISDN Services 2nd Revised Sheet No. 2
Cancels
1st Revised Sheet No. 2

ISDN DIRECT (cont'd)

C. Regulations

1. Term Payment Plans

Customers may elect to subscribe to ISDN Direct Service for an extended period under a Term Payment Plan (TPP) option, which allows the customer to select an 84-month payment plan. During the length of the selected TPP, monthly prices for service ordered under the plan, will automatically change (increase or decrease) as Company initiated price changes become effective. However, under no circumstances will any price change cause the monthly price for the service to exceed the price that was in effect at the beginning of the selected TPP term.

D. Service Descriptions

- 1. Packet Switched Data Service "B" Channel
 - a. Provides the ability to originate and receive X.25 packet data calls over the 64 Kbps "B" channel. Standard capabilities and features for Packet Switched Network Service lines using X.25 are specified in Part 6, Section 2 of this Tariff. Optional capabilities and features for Packet Switched Network service lines using X.25 are available at rates and charges set forth in Part 6, Section 2 of this Tariff. Provides throughput of up to 19.2 Kbps per individual logical channel.

- /1/ Material now appears on 2nd Revised Sheet 4 in this Section.
- /2/ Material formerly appeared on 1st Revised Sheet 1 in this Section.
- /3/ Material formerly appeared on Original Sheet 9 in Part 17, Section 1 of this Tariff.

Issued: July 15, 2005 Effective: July 16, 2005

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



PART 20 - Grandfathered Services SECTION 17 - ISDN Services 2nd Revised Sheet No. 3
Cancels
1st Revised Sheet No. 3

ISDN DIRECT (cont'd)

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- D. Service Descriptions (cont'd)
 - 2. On-Demand Packet Switched Data "B" Channel /2/
 - a. This capability allows a user to request that a connection be established to provide the ability to originate and receive X.25 Packet Switched Data calls over the 64 Kbps "B" channel.
 - b. Standard capabilities and features for Packet Switched Network lines using X.25 access are included.
 - c. Provides up to 128 logical channels and throughput of up to 19.2 Kbps per individual logical channel.
 - d. Calls, optional capabilities and features for Packet Switched Network lines using X.25 are available at the rates shown in Part 20, Section 6 of this Tariff.
 - 3. Packet Switched Data Service "D" Channel
 - a. Provides the ability to originate and receive X.25 packet data calls over the 16 Kbps "D" channel. Standard capabilities and features for Packet Switched Network Service lines using X.25 access are specified in Part 20, Section 6 of this Tariff. Optional capabilities and features for Packet Switched Network Service lines using X.25 are available at rates and charges set forth in Part 20, Section 6 of this Tariff. The "D" channel packet has a maximum (T) throughput of 9.6 Kbps.

- /1/ Material now appears on 1st Revised Sheet 5 in this Section.
- /2/ Material formerly appeared on 1st Revised Sheet 10 in Part 17, Section 1 of this Tariff.

Issued: July 15, 2005 Effective: July 16, 2005

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.



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2nd Revised Sheet No. 4
Cancels
1st Revised Sheet No. 4

PART 20 - Grandfathered Services SECTION 17 - ISDN Services

ISDN DIRECT (cont'd)

E. Rates and Charges (T)

1. General /2/

a. Packet Switched Network Service call usage charges apply. /2/

b. References: /3/

<u>Service</u> <u>Reference</u>

Packet Switched Network Service Part 20, Section 6 of this Tariff /3/(C)

2. Service Elements and Optional Features

Description	Variable Term Option Monthly Rates 84 Month
a. ISDN Direct Line /OBQ/	\$11.25
b. ISDN Direct CO Termination /N2Q/P2B/	7.10
c. Distance extension charge for beyond normal transmission range per ISDN Line /XTN/	26.00
d. Circuit Switched Voice Service Element, per "B" Channel equipped /LTQ5X/	2.40
Additional Multiple Call Appearances, each /ACSPB/	2.00

- /1/ Material now appears on 2nd Revised Sheet 6 in this Section.
- /2/ Material formerly appeared on Original Sheet 10.1 in Part 17, Section 1
 of this Tariff.
- /3/ Material formerly appeared on 3rd Revised Sheet 11 in Part 17, Section 1 of this Tariff.
- /4/ Material formerly appeared on 1st Revised Sheet 2 in this Section.

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

2nd Revised Sheet No. 6
Cancels
1st Revised Sheet No. 6

PART 20 - Grandfathered Services SECTION 17 - ISDN Services

appearances, per
occasion /REA1B/

/1/ ISDN DIRECT (cont'd) /2/(T)E. Rates and Charges (cont'd) 2. Service Elements and Optional Features (cont'd) (T) Variable Term Option Non-Monthly Rates Recurring 1 36 60 84 /3/ Description /Billing Code/ Charge Month Month Month Month q. Packet Switched Data-"B" Channel Service Element Charge, per "B" Channel equipped /LTQ3X/ \$100.00 \$85.00 \$80.00 \$75.00 \$70.00 h. Packet Switched Data-"D" Channel Service Element Charge, per Data Communications Equipment (DCE) /LTQ4X/ 15.00 6.50 6.30 6.10 5.90 /3/ i. On-Demand Packet Switched Data "B" Channel /LTH7X/ 50.00 20.00 /2/ j. Subsequent changes for 15.00 Packet Switched Data rearrangement to add line appearance or move line or feature

- /1/ Material now appears on 2nd Revised Sheet 7 in this Section.
- /2/ Material formerly appeared on 4th Revised Sheet 13 in Part 17, Section 1 of this Tariff.
- /3/ 84 Month Rates and associated rate elements formerly appeared on 1st Revised Sheet 4 in this Section.
- /4/ Material formerly appeared on 3rd Revised Sheet 13.1 in Part 17, (N) Section 1 of this Tariff. (N)

Issued: July 15, 2005 Effective: July 16, 2005

In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

/4/

THE OHIO BELL
TELEPHONE COMPANY



P.U.C.O. NO. 20
PART 20 SECTION 17

2nd Revised Sheet No. 7
Cancels
1st Revised Sheet No. 7

PART 20 - Grandfathered Services SECTION 17 - ISDN Services

2. ISDN PRIME SERVICE

(T) /1/

/2/

Effective June 21, 2002, 84-Month Term Payment Plans will no longer be available for ISDN Prime Service. Current ISDN PRI 84-month customers may continue to retain their existing service as is at their current address until the 84-month contract term expires. Any customer requested changes to the existing Service will require the customer to select a new contract term payment plan or the month-to-month option at the then current tariff rates. The Company will not impose termination liability to those customers required to make a contract term change.

Upon completion of the 84-month TPP term, customers may continue receiving the Service at the then-current rates under any available payment plan. If the customer does not select a new payment plan and does not request discontinuance of the Service, the month-to-month tariff rates in effect at such time will automatically apply.

The preceding supersedes all of the rules and regulations that follow.

A. PRICES

(T)

1. Service Elements

_ (T)

/2/

	Variable Term Option
	Monthly Rates
Description /Billing Code/	84 Month
	(D
	(D
ISDN Prime (Custom)	/3
- each /ZPAZD/	\$420.00
ISDN Prime (National)	
- each /ZPQZD/	420.00
Backup "D" Channel	
- each /ZPBXD/	105.00
Call By Call for FX	
- per trunk group /C2Q/	15.00
Call By Call for Tie Lines	
- per trunk group /C3Q/	15.00 /3

- /1/ Material now appears on 2nd Revised Sheet 8 in this Section.
- /2/ Material formerly appeared on Original Sheet 5 in this Section.
- /3/ Material formerly appeared on 1st Revised Sheet 6 in this Section.

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PART 20 - Grandfathered Services SECTION 17 - ISDN Services 2nd Revised Sheet No. 8
Cancels
1st Revised Sheet No. 8

ISDN PRIME SERVICE (cont'd)

(T)

A. PRICES (cont'd)

Service Elements (cont'd)

	Variable Term Option	
	Monthly Rates	
Description /Billing Code/	84 Month	
Network Ring Again - per trunk group /ZRA/	\$45.00	/1/
Network Name Display - per trunk group /ZNN/	45.00	/1/
ISDN Calling Name ID, per trunk group /NM1PG/	75.00	
2 B Channel Transfer, per trunk group /2BTPG/	60.00	
Selective Class of Call Screening, per trunk group /HMBPG/	30.00	

/1/ Material formerly appeared on 1st Revised Sheet 7 in this Section.

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THE OHIO BELL
TELEPHONE COMPANY

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P.U.C.O. NO. 20
PART 20 SECTION 18

Tariff

PART 20 - Grandfathered Services SECTION 18 -

2nd Revised Sheet No. 1
Cancels
1st Revised Sheet No. 1

1. /1/

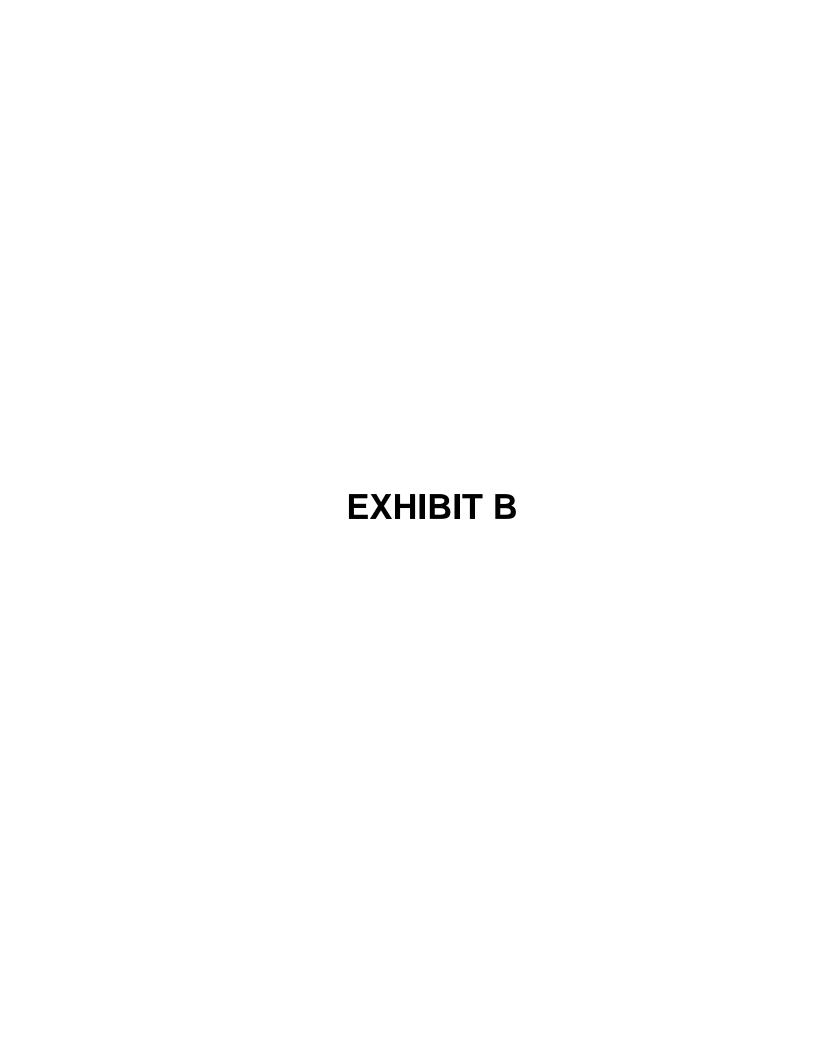
/1/ Material now appears in Part 18, Section 1, on 3rd Revised Sheet No. 1.

Issued: December 20, 2001

Effective: December 21, 2001

In accordance with Case No. 01-3011-TP-ATA, issued November 20, 2001.

By James C. Smith, President, Cleveland, Ohio



P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 1 Cancels Original Sheet 1

1. CENTREX SERVICE

A. Stations of Centrex Systems

- 1. Monthly Rates
 - a. Regulations Governing Application of Monthly Rates
 - (1) End User common Line (EUCL) Parity Provisions are applicable only to Centrex CO 100 Service and Centrex CO Zone-Type I and II Service.

Note: The provisions in this paragraph describe the process by which the interstate End User charge is adjusted via a PBX Trunk Equivalency process. The resulting amount is then applied as an offset against the Centrex CO 100 and Centrex CO Zone-Type I and II Service intercommunication station rate.

- (a) EUCL access charges for Centrex CO 100 Service and Centrex CO Zone-Type I and II Service main station lines are based on PBX trunk equivalents, i.e., by relating the number of main stations used by a Centrex CO 100 Service and Centrex CO Zone-Type I and II Service customer to the number of PBX trunks that would be required to serve that Centrex CO 100 Service and Centrex CO Zone-Type I and II Service customer's main station lines if he subscribed to a customer premises based switching system.
- (b) The Company uses the same PBX trunk to station ratio to determine the appropriate EUCL access charge per Centrex CO 100 Service and Centrex CO Zone-Type I and II Service main station as is used to compute the exchange access portion of the Centrex CO 100 Service and Centrex CO Zone I and II Service main station line rates.

(T)

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Case No. 02-3069-TP-ALT.

P.U.C.O. NO. 20 Part 20 Section 5

(T)

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 2nd Revised Sheet 2 Cancels 1st Revised Sheet 2

1. CENTREX SERVICE (Cont'd)

A. Stations of Centrex Systems (Cont'd)

- 1. Monthly Rates (Cont'd)
 - a. Regulations Governing Application of Monthly Rates (Cont'd)
 - (1) (Cont'd)
 - (c) The Company will adjust its intercommunication station rates in the following

Interstate EUCL Rate

Interstate EUCL Rate = Adjustment**

PBX Trunk Equivalent* to Centrex CO 100

Service and Centrex

CO Zone-Type I & II

Service Inter
communication Rate

Note: Effective January 9, 1995, the End User Common Line (EUCL) Parity Provision will no longer be applicable. The Parity Provision will continue to be used for those customers who are on a Centrex Variable Term Payment Plan (VTPP) contract, longer than month to month, on the aforementioned date, until the expiration of the VTPP contract. All Centrex customers whether or not under VTPP contract may retain or expand their Centrex systems until December 31, 1996.

- * PBX Trunk Equivalency Ratio: greater than 900 stations 10.3, less than 900 stations 7.8.
- ** At no time will the adjustment to the Intercommunication Station Rate cause the rate to be below the intrastate cost of a Centrex CO 100 Service and Centrex CO Zone-Type I and II Service station. The adjustment will not exceed the Interstate EUCL rates of \$5.09.

Issued: December 17, 2007

Effective: December 17, 2007 of Ohio, dated January 6, 2003,

The Ohio Bell Telephone Company

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 4 Cancels Original Sheet 4

2. EXHIBITION HALL SERVICE^{/1/}

(T)

A. General

Exhibition Hall Service will be furnished to a public authority for the sole purpose of providing a telephone system for use in the managing and operating of a public auditorium or exhibition hall. The Company will also furnish stations on such telephone system to exhibitors who lease space in the public auditorium or exhibition hall.

(T)

(1) Exhibition Hall Service is provided on a detariffed basis except for management stations and exchange access.

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Effective: December 17, 2007

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 12 Cancels Original Sheet 12

4. CENTREX LSI SERVICE

Effective January 9, 1995, no new installations of Centrex LSI Service will be made. Customers who are on a Centrex LSI contract on the aforementioned date, will be permitted to expand their system under the terms of their contract until the expiration of the LSI contract. All Centrex customers, whether or not under the LSI contract, may retain or expand their Centrex systems until December 31, 1996.

A. Centrex LSI Service

1. General

a. Centrex LSI Service, a local exchange telecommunication service, provides a voice and data communication capability offered from switching equipment located in Company central offices. The service provides for the transmission and switching of signals on an incoming, outgoing and intercommunicating basis.

Centrex LSI Service is offered as Centrex 100 LSI for customers requiring a total of 100 or less lines and Centrex II LSI for customers who require 100 or more lines.

Centrex LSI Service offerings are available only to those customers subscribing to Centrex LSI Service.

Centrex LSI Service requires Exchange Access arrangements as provided for in Part 20, Section 5 of this Tariff.

(T)

- b. Centrex LSI Service requires Local Service Increments (LSI) as provided for in Paragraph B. following. LSI used for Centrex LSI Service intercommunication purposes is an integral part of the Centrex LSI Service offering and is a local exchange telecommunication service.
- c. Centrex LSI Service provides the following capabilities as standard:^{/1/}

Add-on Conferencing of All Calls (three way conferencing)
Centrex LSI Service line users may initiate or receive a call, initiate a second call and then bridge both calls together.

/1/ The availability and function of these capabilities may vary by serving central office.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 14 Cancels Original Sheet 14

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- General (cont'd)
 - c. Centrex LSI Service provides the following capabilities as standard: (cont'd)

Call Pickup

Call pickup allows a Centrex LSI Service line to dial a code to answer another line within a preset pick up group.

Call Waiting and Distinctive Call Waiting

Call waiting provides a tone signal to indicate to a busy Centrex LSI Service line that another call is trying to reach that line. Distinctive call waiting provides distinctive tones indicating the source of the calls. Call waiting may be provided as dial, originating and/or terminating. Call waiting terminating can be for incoming and/or intragroup calls.

Cancel Call Waiting

Allows the Centrex LSI Service line user to inhibit receipt of the call waiting or camp-on tone for the duration of a single call.

Consultation Hold of all calls

Centrex LSI Service line users may hold incoming or outgoing calls, initiate another call then return to the original call.

Denied Originating Line

Prohibits call originations from designated Centrex LSI Service lines.

Denied Terminating Line

Prohibits call completions to designated Centrex LSI Service lines.

Dial Access to Private Facilities and Dedicated Interexchange Carrier Trunks

The Centrex LSI Service system permits dial access to such facilities as tie lines, telecommunication channel services, private switched network lines, and dedicated Interexchange Carrier (IXC) access lines. A private facility terminating arrangement is required at the rates specified in Part 20, Section 5 of this Tariff.

(T)

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 17 Cancels Original Sheet 17

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 1. General (cont'd)
 - c. Centrex LSI Service provides the following capabilities as standard: (cont'd)

One listing in the Alphabetical Directory of the name, address and main telephone number of the customer.

Speed Calling

Provides abbreviated dialing of local exchange and toll calls. available, a Centrex LSI Service line user may have up to seventy (70) numbers in a speed calling list.

Touch-tone Equipped Telephone Lines

All Centrex LSI Service lines are equipped to provide push button dialing.

Uniform Call Distribution Without Queuing

UCD is a service which evenly distributes incoming calls to a group of Centrex LSI lines. Provisions of the service is subject to the availability of the necessary central office equipment. The customer shall subscribe to a sufficient number of lines equipped with UCD so that no more than 10% of the calls attempting to terminate shall fail to complete in any customer busy hour during 25 days out of a 30 consecutive day study period. Call volume studies will be conducted by the Company as it deems necessary. Queuing and Delay Announcement are provided as optional features in 8. following.

(T)

d. The following capabilities are provided with attendant lines:^{/1/}

Attendant Call Park

Allows the attendant to park calls against any directory number in the attendant customer group. The parked call may be retrieved from any station by dialing the feature access code for retrieval plus the directory number. The attendant may also retrieve calls parked by stations and by the attendants.

/1/ The availability and function of these capabilities may vary by serving central office.

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By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 21 Cancels Original Sheet 21

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 1. General (cont'd)
 - e. Electronic Key Line

Electronic key lines are designed specifically for access by pre-programmed push-button features on a compatible customer-provided electronic business telephone set. Technical specifications and imitations for compatible telephone sets can be found in the various Technical References referred to in Paragraph A.3.d. following.

- A feature of the electronic key line allows a single line number to have multiple appearances on compatible customer-provided telephone sets.

f. High Speed Data Lines

High speed data lines are designed for direct switched digital data capabilities over a 2- or 4-wire facility within the same customer group. High speed data lines will offer full duplex asynchronous transmission at rates from 300 bps through 19.2 kbps and full duplex synchronous transmission at rates from 1200 bps through 19.2 kbps or 48, 56 and 64 kbps.

High speed data lines support coax elimination on 3270 type terminals and cluster control units. High speed data lines may be interworked with Public Switched Digital Service (PSDS).

High speed data lines may be provided access to a 1.544 mbps trunk module interface for High Capacity, point-to-point communication with host computers. See Part 20, Section 5 of this Tariff. (T)

High speed data lines can be used to communicate over analog facilities through modem pools. Pools for inbound and outbound calling can be established.

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 22 Cancels Original Sheet 22

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 1. General (cont'd)
 - f. High Speed Data Lines (cont'd)

High speed data lines include the following capabilities as standard:

- Direct Inward Dialing
- Direct Outward Dialing
- Intercommunication within the same customer group
- Automatic Callback Calling
- Call Diverting
- Denied Originating Line
- Denied Terminating Line
- Dial Access to Modem Pools
- Direct Connect Originating and Terminating
- Disconnect Timeout
- Hunting
- No Double Connect
- Speed Calling

Technical specifications and limitations for compatible telephone sets can be found in the various Technical References referred to in Paragraph A.3.d following.

g. Hot Spare Lines

Centrex LSI Service lines may be obtained on a standby, hot spare basis. Although hot spare lines are fully connected and wired as part of the Centrex LSI Service system, they are not able to originate or receive any calls. All Centrex LSI Service lines may be activated to working line status or deactivated to hot spare status as required by the customer. Activation of hot spare lines and deactivation of working lines requires the use of the Centrex-Mate feature provided in this Section 5 following.

For billing purposes only, one activation of hot spare lines or deactivation of working lines will be recognized within the same billing period.

Sufficient Exchange Access and Transport Arrangements as provided in this Part 20, Section (T) 5 of this Tariff and Paragraph B following, are required for both working and hot spare lines. (T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 23 Cancels Original Sheet 23

4. **CENTREX LSI SERVICE (cont'd)**

A. Centrex LSI Service (cont'd)

- General (cont'd) 1.
 - h. **Programming Charges**

The Company will install new Centrex LSI Service systems without activating those capabilities, which can be activated by the Centrex-Mate feature. Customers who are converting from Centrex CO, Centrex 100 LSI or Centrex Zone Service to Centrex LSI Service will have all line features associated with their Centrex lines automatically programmed to their respective Centrex LSI Service lines. Additional feature implementation will be the customer's responsibility. However, at the customer's option, the Company will program Centrex-Mate features according to the following schedule of charges:

Description /Billing Code/

Nonrecurring Charge

Program Change Charge, per Centrex LSI Service line programmed /C3CSC/

\$42.00

The customer is responsible for providing all of the necessary line information required by the Company to program each Centrex LSI Service line with the requested capabilities. In the event that the customer requests the Company to determine individual line information, the Company will do so at the following rate:

(T)

(T)

(T)

(T)

Description /Billing Code/

Nonrecurring Charge

Station Review Charge, per Centrex LSI Service Line /CGY/

5.00

i. Descriptions, rates and charges for optional features and capabilities are found in 8. following.

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Effective: December 17, 2007

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 24 Cancels Original Sheet 24

CENTREX LSI SERVICE (cont'd) 4.

A. Centrex LSI Service (cont'd)

2. Availability of Centrex LSI Service

> The service is furnished subject to the availability of the necessary switching and control equipment and the execution of a mutually acceptable agreement. Variations in the switching and control equipment used may cause differences in the operation or availability of certain features. Such variations shall not be deemed or construed to be a breach of any agreement entered into for Centrex LSI Service. Centrex LSI Service will be provided where facilities permit and where capacity is available.

- Regulations 3.
 - Service and Equipment Charges as provided for in Part 3, Section 1 of this Tariff are (T) applicable.
 - Centrex LSI Service rates and charges apply to intercom and transport arrangements only. Exchange access is provided through rates and charges in this Section 5 of Part 20 of this (T)
 - Temporary suspension of service as described in Part 2, Section 1 of this Tariff is not (T) permitted.
 - Centrex LSI Service requires the use of customer premises equipment. Customer premises equipment associated with Centrex LSI Service is subject to the limitations specified in the following Technical References:

<u>Line Type</u>	<u>Technical Reference</u>	(D)
Electronic Key	AM-TR-NPL-850004	
Data	AM-TR-NPL-850004	
Attendant	AM-TR-NPL-850004	(Ď)

Technical References may be obtained from:

APEX Support Team	(T)
(734) 523-7348	(T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 25 Cancels Original Sheet 25

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 3. Regulations (cont'd)
 - e. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Centrex LSI Service render any facilities provided by the customer obsolete or require modification or alteration of such equipment or systems or otherwise affect its use or performance.
 - f. Centrex LSI Service may be resold or shared under the provisions in Part 2, Section 2 of this
 Tariff. Measured service rates apply. The customer of record shall be responsible for all
 recurring and nonrecurring rates and charges as well as local and toll usage billed by the
 Company to any Centrex LSI Service line in the system.

 (T)

Service Establishment Charge

- a. A Service Establishment Charge is applicable to the establishment of any new Centrex LSI Service, except for customers converting from Centrex Services. A service establishment charge(s) applies to any relocation of an entire Centrex LSI Service unless the customer's relocation is within the serving central office boundary. The service establishment charge does not apply to additions (within station capacities of a system as previously defined in A.1.a.) to an existing Centrex LSI Service System.
- The Nonrecurring Charges (NRCs) associated with Centrex LSI Service may be paid in full with the first bill after cutover of the system or may be financed under the provisions of the Deferred Payment of Variable Term Payment Plan as specified in Part 2, Section 3 of this Tariff.

(T)

(T)

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 26 Cancels Original Sheet 26

CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 5. Variable Term Payment Plan
 - a. The Variable Term Payment Plan regulations provided in Part 2, Section 3 of this Tariff apply (T) except as noted below.
 - The contract period for Centrex LSI Service voice lines, electronic key lines and high speed data lines furnished under this plan is the service period for which the customer contracts to pay the monthly rates for such lines. Subject to the provisions of Paragraphs (1) and (2) following, for the duration of the contract period, customers will assume the obligation for a minimum of 70 percent of the total number of all lines in service at the time such customer enters the contract. A customer who reduces such lines below the 70 percent commitment has the following options for the duration of the contract period:
 - Continue to pay an amount equal to the monthly rates for 70 percent of the lines in service at the time such customer entered into the contract; or
 - Pay termination charges as covered in Paragraph A.5.e. following on the number of station lines below the 70 percent commitment which are disconnected and continue to pay only for the actual number of station lines in service.
 - Upgrades from Centrex Service

Customers with Centrex CO, Centrex 100 or Centrex Zone Service, hereinafter collectively referred to as Centrex Service, may upgrade their service to Centrex LSI Service subject to the availability of switching equipment.

Centrex customers who convert to Centrex LSI Service will be liable for Centrex termination charges only in the event that they disconnect or decrease the number of lines in the Centrex LSI Service below the limit associated with the Centrex contract prior to the expiration date of the original contract.

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 27 Cancels Original Sheet 27

CENTREX LSI SERVICE (cont'd) 4.

A. Centrex LSI Service (cont'd)

- Variable Term Payment Plan (cont'd)
 - Conversions from Centrex 100 LSI Service to Centrex II LSI Service
 - Customers with Centrex 100 LSI Service may convert to Centrex II LSI Service, subject to the availability of switching equipment.
 - Installation, service establishment, service ordering and other nonrecurring charges will apply for newly installed items of service.

If the contract is canceled in whole or part by the customer or is terminated for cause by the

- If the Centrex 100 LSI Service service establishment charge has been satisfied, the service establishment charge for the conversion to the Centrex II LSI Service will be the difference between the current Centrex II LSI Service and the current Centrex 100 LSI Service service establishment charges.

Termination Charges

Company prior to expiration of shall be required to pay to the formula for voice lines, electro as line(s), in this paragraph:	Comp	pany a sum determined by the	application of the following	(T
# of lines Below the 70% Level of Commitment Disconnect)X))	Monthly Rate (Exchange Access and LINE Rate)	X # of Months) Remaining In) Contract)	
The End User Common Line (Tariff applies to Centrex 100 L		, -	Part 20, Section 5 of this	(T

The customer shall not assign or otherwise transfer its rights or obligations under any Centrex arrangement provided under this tariff without prior written consent of the Company. Such (T) consent will not be unreasonably withheld or delayed. Any provisions to the contrary found elsewhere in this Tariff are superseded. (T)

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Case No. 02-3069-TP-ALT.

f.

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 28 Cancels Original Sheet 28

CENTREX LSI SERVICE (cont'd) 4.

A. Centrex LSI Service (cont'd)

Centrex 100 LSI Rates and Charges Centrex 100 LSI is a charging plan designed for customers 6. requiring 100 or less Centrex LSI Service lines

Centrex 100 LSI Rates and Charges

		Nonrecurring Charge			
Service Establishment Ch	\$800.00				
	Non-	Variable Term Option Monthly Rates ^{/1/}			ates ^{/1/}
Description	recurring	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Centrex 100 LSI lines, including fully restricted lines					
Voice Line, each					
with feature activation /RXRTT/ ^{2/} without feature activation	\$ 54.00	\$ 12.95	\$ 11.95	\$ 11.95	\$ 11.95
/RXRTT/ ^{2/}	12.00	12.95	11.95	11.95	11.95
Electronic key line Service					
Establishment Charge,	150.00	-	-		
per occasion per line /RRX3/ ^{2/}	54.00	16.95	15.70	15.45	15.20
High speed data line, each					
/RDDX2/ ^{/2/}	350.00	22.45	21.10	20.60	20.10
Attendant line, each /FZD1X/2/	2,500.00	315.00	300.00	295.00	290.00
Supplemental telephone numbers associated with the system, each /MA6/	-	.25	.25	.25	.25

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(T)

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Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

No message allowance is provided. The message or measured usage charges as specified in Part /1/ 4, Section 2 of this Tariff are applicable.

^{/2/} Additional codes appear in departmental practice.

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 29 Cancels Original Sheet 29

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

6. Centrex 100 LSI Rates and Charges Centrex 100 LSI is a charging plan designed for customers requiring 100 or less Centrex LSI Service lines (cont'd)

Centrex 100 LSI Rates and Charges (cont'd)

	Non- Variable Term Option Month					Non- Variable Term Option Monthly		ion Monthly R	ates ^{/1/}
Description	recurring	36	60	84	120				
/Billing Code/	Charge	Month	Month	Month	Month				
Centrex 100 LSI lines, including fully restricted lines (cont'd)									
Hot spare voice line, each /HSP/	\$ 12.00	\$.85	\$.70	\$.60	\$.50				
Hot Spare electronic key line Service Establishment Charge ^{/2/} , - per occasion per line /HSPX3/	150.00 ^{/2/} 54.00	- 3.10	- 2.95	2.85	2.75				
Hot spare data line, each /HSQX2/	350.00	4.10	3.95	3.85	3.75				

7. Centrex II LSI Service

a. Centrex II LSI is a system designed to provide features and capabilities for customers requiring 100 or more Centrex LSI Service lines.

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Effective: December 17, 2007

(T)

^{/1/} No message allowance is provided. The message or measured usage charges as specified in Part 4, Section 2 of this Tariff are applicable.

^{/2/} Hot spare electronic key line Service Establishment Charge is not applicable when installed on the same occasion as the electronic key line.

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 30 Cancels Original Sheet 30

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 7. Centrex II LSI Service (cont'd)
 - b. Centrex II LSI provides the following capabilities as standard, in addition to those capabilities described in 1.c. preceding:
 - Multi-port conferencing

Centrex II LSI lines may initiate conference calls involving up to six Centrex II LSI lines within the same system and/or received from or placed on the local message and toll network or over private facilities.

c. Centrex II LSI Rates and Charges

Description				Nonrecurri	ng Charge
Service Establishment Charge, per System				\$1,000	
	Non-	Vari	able Term Op	tion Monthly F	Rates ^{/1/}
Description	recurring	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Centrex II LSI lines including fully restricted lines Voice Line, each - with feature activation /RXRTT ^{/2/}	\$ 54.00	\$ 6.80	\$ 6.40	\$ 6.40	\$ 6.40
 without feature activation /RXRTT^{/2/} 	12.00	6.80	6.40	6.40	6.40
Electronic key line Service Establishment Charge, - per occasion per line /RRX3/ ^{2/}	150.00 54.00	- 10.80	- 10.15	9.90	9.65

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

(T)

^{/1/} No message allowance is provided. The message or measured usage charges as specified in Part 4, Section 2 of this Tariff are applicable.

^{/2/} Additional codes appear in departmental practice.

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 31 Cancels Original Sheet 31

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 7. Centrex II LSI Service (cont'd)
 - c. Centrex II LSI Rates and Charges (cont'd)

	Non- Variable Term Option Monthly Rates ^{/1/}				
Description	Recurring	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Centrex II LSI lines including fully restricted lines (cont'd)					
High speed data line, each /RDDX2/ ^{2/}	\$ 350.00	\$ 16.30	\$ 15.55	\$ 15.05	\$ 14.55
Attendant line, each /FZD1X/ ^{2/}	2,500.00	315.00	300.00	295.00	290.00
Supplemental telephone numbers associated with the system, each /MA6/	-	.25	.25	.25	.25
Hot spare voice line, each /HSP/	12.00	.85	.70	.60	.50
Hot Spare electronic key line Service Establishment Charge, - per occasion per line /HSPX3/	150.00 ^{/3/} 54.00	- 3.10	- 2.95	2.85	2.75
Hot spare data line, each /HSQX2/ ^{2/}	350.00	4.10	3.95	3.85	3.75

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By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

(T)

^{/1/} No message allowance is provided. The message or measured usage charges as specified in Part 4, Section 2 of this Tariff are applicable.

^{/2/} Additional codes appear in departmental practice.

^{/3/} Hot spare electronic key line Service Establishment Charge is not applicable when installed on the same occasion as the electronic key line.

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 32 Cancels Original Sheet 32

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

8. Centrex LSI Service Optional Features and Capabilities

In addition to those features, described in 1.c. and 7.b. preceding, provided as standard with Centrex LSI Service, additional features may be added individually or in groups.

There is no minimum number of individual features or groupings that must be obtained, unless specified by the feature.

a. Uniform Call Distribution With Queue

(1) General

- (a) Lines equipped with UCD may also be equipped with queuing. Queuing provides for incoming calls in excess of available lines to be held at the central office awaiting completion to the first available line. Each call that is held requires a queue slot.
- (b) Incoming facilities may include the message network, dial type private line terminations, foreign exchange lines, foreign central office lines and Inward WATS lines. Each call that is held requires a queue slot. Appropriate terminating arrangement charges apply for incoming facilities terminated. Specific types of terminating arrangements are covered in this Part 20, Section 5 of this Tariff

Queuing is provided equal to one queue slot for each incoming facility. The number of message network facilities is established by Network Call Limiters.

(c) Rates and Charges

	Non-	Non- Variable Term Option Monthly Rates			
Description	Recurring	36	60	84	120
/Billing Code/	Charge ^{/17}	Month	Month	Month	Month
Queue slot, each /A83RA/	\$ 80.00	\$ 1.05	\$ 1.00	\$.95	\$.90
Delay announcement circuit, each /A8GCE/	120.00	273.00	260.00	255.00	251.00

/1/ Not applicable on conversions from Centrex Service if feature is working at time of conversion.

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 34 Cancels Original Sheet 34

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 8. Centrex LSI Service Optional Features and Capabilities (cont'd)
 - b. Automatic Route Selection Deluxe (cont'd)
 - (2) Definitions (cont'd)

Code

Refers to either the Numbering Plan Area (NPA) code of the dialed telephone number or the Central Office code (NNX) within a NPA.

Pattern

A unique sequence of routes arranged in order of choice by the customer and used to reach a specific area code, i.e., NPA code(s) and/or area and office code(s). Note: separate pattern charges as defined in (4) following for each pattern in each NPA is also charged when six-digit routing is required.

- (3) Regulations
 - (a) All route and pattern assignments will be designated by the customer.
 - (b) The customer is responsible for notifying the Company of any changes required in the customer's ARS-D/EARS-D feature configuration.
 - (c) All rates and charges for ARS-D/EARS-D are in addition to the rates and charges for the associated facilities and terminating arrangements.
 - (d) All patterns must have either the MTS network, overflow tone or announcement as a final route. A combination of both within the same pattern group, that is, a group of patterns accessed by one code is not permitted.
 - (e) The non-MTS network routes to be accessed via ARS-D/EARS-D may be selected from the following: FX lines, Outward WATS access lines, announcement trunks, CCSA offnet access lines, and the tie lines meeting the requirements of (f) following.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 35 Cancels Original Sheet 35

CENTREX LSI SERVICE (cont'd) 4.

A. Centrex LSI Service (cont'd)

- Centrex LSI Service Optional Features and Capabilities (cont'd)
 - Automatic Route Selection Deluxe (cont'd)
 - (3)Regulations (cont'd)
 - (f) Tie Lines or tie line groups must utilize senderized operation and must have a dialing pattern consistent with that used on the MTS network.
 - Patterns may be arranged for a maximum of ten routes with final route being either to the (g) MTS network, to overflow tone or to announcement channel. (Fixed WATS route advances from WATS facilities accessed via ARS-D/EARS-D do not count as additional routes.)
 - Call Diverting Service may be applied to lines having access to ARS-D/EARS-D patterns (h) which have a final route to the MTS network.
 - (i) Patterns without final route to the MTS network may be offered only if a customer subscribes to a sufficient number of facilities which, in the judgment of the Company, (T) provide an adequate level of service so as to avoid interfering with the service of others or to prevent others from making or receiving calls over their telephone service.
 - (j) The same patterns may be duplicated to access various NPA codes and/or area(s) and office codes(s).

(4) Rates

	Variable Term Option Monthly Rates			Rates		
Description	Installation	36	60	84	120	
/Billing Code/	Charge	Month	Month	Month	Month	_ (T)
Common equipment - per access group /ASH/ - per Centrex LSI Service Line	\$450.00 -	\$495.00 1.00	\$475.00 .95	\$466.00 .90	\$458.00 .85	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 36 Cancels Original Sheet 36

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 8. Centrex LSI Service Optional Features and Capabilities (cont'd)
- c. Station Message Detail Recording to Premises for Centrex LSI Service
- (1) General
 - (a) Station Message Detail Recording to Premises (SMDR-P) transmits a record to a customer-provided applications processor or storage device located at the customer's premises of all calls originating from Centrex LSI Service lines to locations outside the same Centrex LSI Service system. Each record will consist of the calling number, the called number, date, time-of-day, duration of call and the type of facility used. Facility groups may also be designated as requiring originating and/or terminating records. Availability is subject to serving central office capability. Available with SMDR-P is the following option:

Account Codes - allow a station user to prefix a called number with an account number which is not used during call processing but is included in the message detail record of the call for later use by the customer.^{/1/}

- (b) SMDR-P is not represented to be a provision of billing detail.
- (c) SMDR-P records are transmitted to terminal equipment located at the customer's premises at the rates and charges specified in (a) following.
- (d) SMDR-P is furnished only on Centrex LSI Systems equipped with ARS-D/EARS-D.
- (e) Processing of SMDR-P records by the Company accounting center is not provided with this arrangement. (T)
- (f) The customer must designate all lines and/or selected facility groups on which SMDR-P originating and terminating records are to be provided.

/1/ Customers having EARS-D will be required to use # or * as the lead account code digit. Otherwise the account code would be treated as the called number.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 37 Cancels Original Sheet 37

4. CENTREX LSI SERVICE (cont'd)

A. Centrex LSI Service (cont'd)

- 8. Centrex LSI Service Optional Features and Capabilities (cont'd)
- c. Station Message Detail Recording to Premises for Centrex LSI Service (cont'd)
 - (1) General (cont'd)
 - (g) Additions or deletions of SMDR-P recordings are provided by Company service orders. (T)
 - (h) Where SMDR-P is provided, a detailed record will normally be made for each completed call. At the option of the customer, arrangements can be made to provide records of calls attempted as well as calls completed. Under certain exceptional conditions, with SMDR-P, calls may be processed without recording the call detail.

(2) Rates

	Non-	Variable Term Option Monthly Rates			
Description	Recurring	36	60	84	120
/Billing Code/	Charge	Month	Month	Month	Month
Central Office common equipment /MDR/	\$200.00	\$47.00	\$45.00	\$44.00	\$43.00

In addition, one data set and an associated data channel are required.

Description /Billing Code	Nonrecurring Charge''
Account codes, SMDR-P record-change from recording completed calls only to all calls attempted or vice versa per system /RCHMG/	\$40.00
Change in status of all station lines or an individual facility from "records - not required" to "records - required" /RCHMD/	40.00

/1/ Not applicable on conversion from Centrex Service if feature is working at time of conversion.

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TFA No. OH-07-17691

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(T)

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 41 Cancels Original Sheet 41

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI)

- 1. Regulations
 - a. Each customer's location is connected to the Company's central office by means of LSI.

The use of these arrangements is limited to those services provided for in this Section whose regulations permit their use. As such, LSI are only offered in connection with those services.

LSI's are not taxable.

b. LSI's are provided on a one facility pair-at-a-time basis, or in the following complements:

100 pair	900 pair
200 pair	1200 pair
300 pair	1500 pair
400 pair	1800 pair
600 pair	2100 pair

A given size complement will be provided only if the number of lines at a location is one more than the next smaller size complement.

c. LSI's are available on a contract basis only. The contract periods are 3 years, 5 years, 7 years and 10 years.

LSI's leased on a pair-at-a-time basis, subject to the provisions of Paragraph e. following, require the assumption of an obligation to pay the monthly rates for a minimum of 70 percent of the pair-at-a-time LSI in service at the time a customer enters into a contract. A customer who reduces the pair-at-a-time LSI below the 70 percent commitment has the following options for the duration of the contract period:

- Continue to pay an amount equal to the monthly rates for 70 percent of the pair-at-a-time LSI in service at the time such customer entered into the contract, or
- Pay termination charges as covered in Paragraph e. following on the number of pair-at-atime LSI below the 70 percent commitment which are disconnected and continue to pay only for the actual number of pair-at-a-time LSI in service.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 42 Cancels Original Sheet 42

4. CENTREX LSI SERVICE (cont'd)

B. L	_ocal	Serving	Increments ((LSI)	(cont'd)
------	-------	---------	--------------	-------	----------

- 1. Regulations (cont'd)
 - c. (cont'd)

The monthly rate under the 3-, 5-, 7- or 10-year contract for LSI will not be subject to Company initiated increases. (T)

The Company will provide notice of termination to the customer in writing at least 60 days before the expiration of the existing contract. At this time, the customer will have the opportunity to extend the existing contract for one additional period not to exceed the original contract life at a rate not to exceed a 15% monthly rate increase for a 3-year contract; 20% monthly rate increase for a 5-year contract or enter into a new contract or automatically revert, upon expiration of the existing contract, to the then current monthly rate of the appropriate Centrex service in Part 5 of this Tariff.

- d. If during a contract period additional LSI are required, they may be obtained either on a pairat-a-time basis, by upgrading to a larger sized complement or by adding an additional complement. Termination charges are not applicable to upgrades.
- e. If the customer elects to terminate the contract or it is terminated for cause by the Company (T) prior to the expiration of the 36-, 60-, 84- or 120-month payment period, the customer shall be required to pay a sum determined by the application of the following formulas:

Pair-At-A-Time LSI

# of pair-at-a-time LSI)			# of Months)	
Below the 70% level of)			Remaining in)	
Commitment Disconnected)	X Monthly) X Rate)		Contract)	
LSI Complements				
Monthly Rate for LSI) Complement	X 70%)	X	# of Months Remaining in contract)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 43 Cancels Original Sheet 43

CENTREX LSI SERVICE (cont'd) 4.

B. Local Serving Increments (LSI) (cont'd)

- 1. Regulations (cont'd)
 - f. If the customer downgrades or reduces from a larger to a smaller complement size, termination charges are calculated as follows:
 - Subtract the monthly rate for the smaller pair complement from the monthly rate for the larger.
 - If the remainder is a positive number, multiply by 70% and the number of months remaining in the contract.
 - If the remainder is zero or a negative number, the termination charge is zero.
 - When the number of lines at a location drops below the next smaller complement plus one and there is no termination charge, the customer must downgrade to the smaller complement.
 - Resale and Sharing of LSI. h.

LSI may be resold or shared.

The customer of record shall be responsible for recurring and nonrecurring charges associated with the provision of this service and, in the event of termination of service, the appropriate termination charge.

- i. The provisions of Part 2, Section 2 of this Tariff regarding Cancellation of Application for (T) Service Prior to Establishment of Service are applicable.
- Changes in responsibility for payment for service, i.e., change of lessee, as provided in Part j. 2, Section 2 of this Tariff, is permissible. (T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 44 Cancels Original Sheet 44

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

2. Rates

a. Local Serving Increments/Pair-at-a-Time

	Variable Term Option Monthly Rates				
Description /Billing Code/	36-Month	60-Month	84-Month	120-Month	
One Local Serving Increment Pair, per pair /1GV/	\$9.30	\$9.30	\$9.30	\$9.30	

b. LSI Pair Complements

(1) The rates for LSI pair complements are dependent upon the cable feet distance of the customer's location from the normal serving central office, contract duration and complement size.

		Variable Term Option Monthly Rates				
Des	scription	36-Month	60-Month	84-Month	120-Month	
(a)	Complement 100 Pair Mileage					_
	up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
	up to 0.50	44.00	42.00	40.00	39.00	
	up to 0.75	172.00	163.00	159.00	137.00	
	up to 1.00	295.00	279.00	272.00	229.00	
	up to 1.25	413.00	391.00	391.00	318.00	
	up to 1.50	527.00	499.00	487.00	405.00	
	up to 1.75	639.00	604.00	590.00	489.00	
	up to 2.00	748.00	707.00	690.00	571.00	
	up to 2.25	856.00	809.00	789.00	652.00	
	up to 2.50	NA	909.00	887.00	732.00	
	up to 2.75	NA	NA	NA	810.00	
	up to 3.00	NA	NA	NA	895.00	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 45 Cancels Original Sheet 45

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

		Variable Term Option Monthly Rates ((T)
Des	cription	36-Month	60-Month	84-Month	120-Month	-
(b)	Complement 200 Pair Mileage					
	up to 0.25 up to 0.50	\$ 0.00 0.00	\$ 0.00 0.00	\$ 0.00 0.00	\$ 0.00 0.00	
	up to 0.75 up to 1.00	197.00 395.00	186.00 373.00	182.00 365.00	162.00 311.00	
	up to 1.25 up to 1.50	586.00 770.00	554.00 728.00	540.00 711.00	455.00 595.00	
	up to 1.75 up to 2.00	951.00 1,127.00	899.00 1,066.00	877.00 1,040.00	731.00 864.00	
	up to 2.25 up to 2.50 up to 2.75	1,301.00 1,471.00 1,640.00	1,230.00 1,391.00 1,550.00	1,200.00 1,358.00 1,513.00	995.00 1,124.00 1,251.00	
	up to 3.00 up to 3.25	1,821.00 NA	1,722.00 NA	1,680.00 1,858.00	1,387.00 1,532.00	
	up to 3.50 up to 3.75	NA NA	NA NA	NA NA	1,678.00 1,823.00	
c)	Complement 300 Pair Mileage					
	up to 0.25 up to 0.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	
	up to 0.75 up to 1.00	191.00 454.00	181.00 429.00	176.00 419.00	164.00 362.00	
	up to 1.25 up to 1.50 up to 1.75	706.00 951.00 1,190.00	667.00 899.00 1,125.00	651.00 877.00 1,098.00	553.00 737.00 918.00	
	up to 2.00	1,423.00	1,346.00	1,314.00	1,094.00	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 46 Cancels Original Sheet 46

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

(')	(oont a)	Varaible Term Option Monthly Rates (
	Description	36-Month	60-Month	84-Month	120-Month	` ,
(c)	Complement 300 Pair Mileage (cont'd)					
	up to 2.25	\$1,653.00	\$1,563.00	\$1,525.00	\$1,267.00	
	up to 2.50	1,879.00	1,777.00	1,734.00	1,438.00	
	up to 2.75	2,102.00	1,987.00	1,939.00	1,606.00	
	up to 3.00	2,342.00	2,214.00	2,161.00	1,787.00	
	up to 3.25	2,597.00	2,455.00	2,396.00	1,979.00	
	up to 3.50	NA	2,696.00	2,631.00	2,171.00	
	up to 3.75	NA	NA	NA	2,364.00	
	up to 4.00	NA	NA	NA	2,556.00	
	up to 4.25	NA	NA	NA	2,748.00	
(d)	Complement 400 Pair Mileage					
	up to 0.25	0.00	0.00	0.00	0.00	
	up to 0.50	0.00	0.00	0.00	0.00	
	up to 0.75	170.00	161.00	152.00	149.00	
	up to 1.00	483.00	457.00	446.00	391.00	
	up to 1.25	791.00	748.00	730.00	624.00	
	up to 1.50	1,090.00	1,031.00	1,006.00	849.00	
	up to 1.75	1,382.00	1,306.00	1,275.00	1,069.00	
	up to 2.00	1,667.00	1,576.00	1,538.00	1,285.00	
	up to 2.25	1,947.00	1,841.00	1,797.00	1,496.00	
	up to 2.50	2,223.00	2,102.00	2,051.00	1,704.00	
	up to 2.75	2,495.00	2,359.00	2,302.00	1,909.00	
	up to 3.00	2,788.00	2,636.00	2,573.00	2,130.00	
	up to 3.25	3,099.00	2,930.00	2,859.00	2,365.00	
	up to 3.50	3,410.00	3,224.00	3,146.00	2,600.00	
	up to 3.75	NA	3,518.00	3,433.00	2,834.00	
	up to 4.00	NA	NA	3,720.00	3,069.00	
	up to 4.25	NA	NA	NA	3,303.00	
	up to 4.50	NA	NA	NA	3,538.00	

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PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 47 Cancels Original Sheet 47

4. **CENTREX LSI SERVICE (cont'd)**

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - LSI Pair Complements (cont'd)
 - (1) (cont'd)

		Variable Term Option Monthly Rates ((T)
De	escription	36-Month	60-Month	84-Month	120-Month	_ ` ^ _
(e)	Complement 600 Pair Mileage					
	up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
	up to 0.50	0.00	0.00	0.00	0.00	
	up to 0.75	128.00	121.00	114.00	113.00	
	up to 1.00	522.00	494.00	482.00	434.00	
	up to 1.25	931.00	880.00	859.00	742.00	
	up to 1.50	1,328.00	1,255.00	1,225.00	1,041.00	
	up to 1.75	1,715.00	1,621.00	1,582.00	1,333.00	
	up to 2.00	2,093.00	1,979.00	1,932.00	1,619.00	
	up to 2.25	2,465.00	2,331.00	2,275.00	1,900.00	
	up to 2.50	2,831.00	2,677.00	2,612.00	2,176.00	
	up to 2.75	3,192.00	3,018.00	2,945.00	2,448.00	
	up to 3.00	3,581.00	3,385.00	3,304.00	2,741.00	
	up to 3.25	3,993.00	3,775.00	3,685.00	3,052.00	
	up to 3.50	4,406.00	4,166.00	4,065.00	3,364.00	
	up to 3.75	4,818.00	4,556.00	4,446.00	3,675.00	
	up to 4.00	5,231.00	4,946.00	4,827.00	3,986.00	
	up to 4.25	NA	5,336.00	5,208.00	4,298.00	
	up to 4.50	NA	NA	NA	4,609.00	
	up to 4.75	NA	NA	NA	4,920.00	
	up to 5.00	NA	NA	NA	5,232.00	
	up to 5.25	NA	NA	NA	5,543.00	

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PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 48 Cancels Original Sheet 48

4. **CENTREX LSI SERVICE (cont'd)**

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - LSI Pair Complements (cont'd)
 - (1) (cont'd)

		Variable Term Option Monthly Rates				(T)
D	escription	36-Month	60-Month	84-Month	120-Month	_
(f)	Complement 900 Pair Mileage					
	up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
	up to 0.50	0.00	0.00	0.00	0.00	
	up to 0.75	66.00	63.00	59.00	58.00	
	up to 1.00	561.00	531.00	518.00	481.00	
	up to 1.25	1,016.00	960.00	937.00	826.00	
	up to 1.50	1,541.00	1,457.00	1,422.00	1,222.00	
	up to 1.75	2,053.00	1,941.00	1,894.00	1,608.00	
	up to 2.00	2,554.00	2,415.00	2,357.00	1,986.00	
	up to 2.25	3,046.00	2,880.00	2,811.00	2,358.00	
	up to 2.50	3,530.00	3,338.00	3,258.00	2,723.00	
	up to 2.75	4,008.00	3,789.00	3,698.00	3,083.00	
	up to 3.00	4,522.00	4,276.00	4,173.00	3,472.00	
	up to 3.25	5,068.00	4,792.00	4,677.00	3,884.00	
	up to 3.50	5,614.00	5,308.00	5,181.00	4,296.00	
	up to 3.75	6,160.00	5,824.00	5,684.00	4,708.00	
	up to 4.00	6,706.00	6,341.00	6,188.00	5,120.00	
	up to 4.25	7,253.00	6,857.00	6,692.00	5,532.00	
	up to 4.50	7,799.00	7,373.00	7,196.00	5,944.00	
	up to 4.75	8,345.00	7,890.00	7,700.00	6,356.00	
	up to 5.00	NA	NA	8,204.00	6,768.00	
	up to 5.25	NA	NA	NA	7,180.00	
	up to 5.50	NA	NA	NA	7,592.00	
	up to 5.75	NA	NA	NA	8,004.00	
	up to 6.00	NA	NA	NA	NA	

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003,

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 49 Cancels Original Sheet 49

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - LSI Pair Complements (cont'd)
 - (1) (cont'd)

		Variable Term Option Monthly Rates				(T)
D	escription	36-Month	60-Month	84-Month	120-Month	_
(g)	Complement 1200 Pair Mileage					
	up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
	up to 0.50	0.00	0.00	0.00	0.00	
	up to 0.75	0.00	0.00	0.00	0.00	
	up to 1.00	600.00	568.00	553.00	527.00	
	up to 1.25	1,266.00	1,197.00	1,169.00	1,030.00	
	up to 1.50	1,913.00	1,809.00	1,765.00	1,518.00	
	up to 1.75	2,544.00	2,405.00	2,347.00	1,993.00	
	up to 2.00	3,161.00	2,989.00	2,917.00	2,459.00	
	up to 2.25	3,767.00	3,562.00	3,476.00	2,917.00	
	up to 2.50	4,364.00	4,126.00	4,027.00	3,367.00	
	up to 2.75	4,952.00	4,682.00	4,570.00	3,811.00	
	up to 3.00	5,586.00	5,281.00	5,154.00	4,289.00	
	up to 3.25	6,259.00	5,917.00	5,775.00	4,797.00	
	up to 3.50	6,931.00	6,553.00	6,396.00	5,304.00	
	up to 3.75	7,604.00	7,189.00	7,016.00	5,812.00	
	up to 4.00	8,277.00	7,825.00	7,637.00	6,319.00	
	up to 4.25	8,949.00	8,461.00	8,258.00	6,827.00	
	up to 4.50	9,622.00	9,097.00	8,879.00	7,335.00	
	up to 4.75	10,295.00	9,733.00	9,499.00	7,842.00	
	up to 5.00	10,968.00	10,369.00	10,120.00	8,350.00	
	up to 5.25	NA	11,005.00	10,741.00	8,857.00	
	up to 5.50	NA	NA	NA	9,365.00	
	up to 5.75	NA	NA	NA	9,872.00	
	up to 6.00	NA	NA	NA	10,380.00	
	up to 6.25	NA	NA	NA	10,888.00	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 50 Cancels Original Sheet 50

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

		Variable Term Option Monthly Rates ((T)
De	escription	36-Month	60-Month	84-Month	120-Month	_
(h)	Complement 1500 Pair Mileage					
	up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
	up to 0.50	0.00	0.00	0.00	0.00	
	up to 0.75	0.00	0.00	0.00	0.00	
	up to 1.00	690.00	652.00	631.00	605.00	
	up to 1.25	1,466.00	1,386.00	1,353.00	1,195.00	
	up to 1.50	2,225.00	2,104.00	2,053.00	1,768.00	
	up to 1.75	2,965.00	2,804.00	2,736.00	2,326.00	
	up to 2.00	3,690.00	3,489.00	3,405.00	2,873.00	
	up to 2.25	4,402.00	4,161.00	4,061.00	3,410.00	
	up to 2.50	5,102.00	4,824.00	4,708.00	3,939.00	
	up to 2.75	5,792.00	5,476.00	5,345.00	4,459.00	
	up to 3.00	6,536.00	6,179.00	6,031.00	5,021.00	
	up to 3.25	7,325.00	6,926.00	6,759.00	5,616.00	
	up to 3.50	8,115.00	7,672.00	7,488.00	6,212.00	
	up to 3.75	8,904.00	8,418.00	8,216.00	6,808.00	
	up to 4.00	9,694.00	9,165.00	8,945.00	7,403.00	
	up to 4.25	10,483.00	9,911.00	9,673.00	7,999.00	
	up to 4.50	11,273.00	10,658.00	10,402.00	8,595.00	
	up to 4.75	12,062.00	11,404.00	11,130.00	9,190.00	
	up to 5.00	12,851.00	12,151.00	11,858.00	9,786.00	
	up to 5.25	13,641.00	12,897.00	12,587.00	10,382.00	
	up to 5.50	NA	13,643.00	13,315.00	10,977.00	
	up to 5.75	NA	NA	NA	11,573.00	
	up to 6.00	NA	NA	NA	12,169.00	
	up to 6.25	NA	NA	NA	12,764.00	
	up to 6.50	NA	NA	NA	13,360.00	
	up to 6.75	NA	NA	NA	NA	

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4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

	Va	riable Term Op	tion Monthly Ra	ites
Description	36-Month	60-Month	84-Month	120-Month
(i) Complement 1800 Pair Mileage				
up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
up to 0.50	0.00	0.00	0.00	0.00
up to 0.75	0.00	0.00	0.00	0.00
up to 1.00	751.00	710.00	679.00	659.00
up to 1.25	1,626.00	1,538.00	1,501.00	1,331.00
up to 1.50	2,490.00	2,354.00	2,298.00	1,983.00
up to 1.75	3,333.00	3,151.00	3,076.00	2,619.00
up to 2.00	4,158.00	3,932.00	3,837.00	3,241.00
up to 2.25	4,969.00	4,698.00	4,585.00	3,853.00
up to 2.50	5,766.00	5,452.00	5,320.00	4,455.00
up to 2.75	6,552.00	6,195.00	6,046.00	5,048.00
up to 3.00	7,399.00	6,995.00	6,827.00	5,687.00
up to 3.25	8,298.00	7,845.00	7,657.00	6,365.00
up to 3.50	9,197.00	8,695.00	8,486.00	7,043.00
up to 3.75	10,096.00	9,545.00	9,316.00	7,772.00
up to 4.00	10,995.00	10,395.00	10,145.00	8,400.00
up to 4.25	11,894.00	11,245.00	10,975.00	9,078.00
up to 4.50	12,793.00	12,095.00	11,804.00	9,757.00
up to 4.75	13,692.00	12,945.00	12,634.00	10,435.00
up to 5.00	14,591.00	13,795.00	13,464.00	11,113.00
up to 5.25	15,490.00	14,645.00	14,293.00	11,792.00
up to 5.50	16,389.00	15,495.00	15,123.00	12,470.00
up to 5.75	NA	16,345.00	15,952.00	13,148.00
up to 6.00	NA	NA	NA	13,827.00
up to 6.25	NA	NA	NA	14,505.00
up to 6.50	NA	NA	NA	15,183.00
up to 6.75	NA	NA	NA	15,862.00
up to 7.00	NA	NA	NA	16,540.00

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 52 Cancels Original Sheet 52

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - b. LSI Pair Complements (cont'd)
 - (1) (cont'd)

(oon a)	Variable Term Option Monthly Rates			
D	escription	36-Month	60-Month	84-Month	120-Month
(j)	Complement 2100 Pair Mileage				
	up to 0.25	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
	up to 0.50	0.00	0.00	0.00	0.00
	up to 0.75	0.00	0.00	0.00	0.00
	up to 1.00	773.00	731.00	690.00	679.00
	up to 1.25	1,736.00	1,641.00	1,602.00	1,429.00
	up to 1.50	2,700.00	2,553.00	2,491.00	2,156.00
	up to 1.75	3,640.00	3,442.00	3,359.00	2,865.00
	up to 2.00	4,561.00	4,312.00	4,208.00	3,560.00
	up to 2.25	5,465.00	5,167.00	5,043.00	4,242.00
	up to 2.50	6,354.00	6,008.00	5,863.00	4,913.00
	up to 2.75	7,231.00	6,837.00	6,673.0	5,575.00
	up to 3.00	8,176.00	7,730.00	7,544.00	6,288.00
	up to 3.25	9,179.00	8,678.00	8,470.00	7,045.00
	up to 3.50	10,182.00	9,627.00	9,395.00	7,801.00
	up to 3.75	11,185.00	10,575.00	10,321.00	8,558.00
	up to 4.00	12,188.00	11,523.00	11,246.00	9,315.00
	up to 4.25	13,191.00	12,471.00	12,171.00	10,072.00
	up to 4.50	14,194.00	13,419.00	13,097.000	10,828.00
	up to 4.75	15,197.00	14,368.00	14,022.00	11,585.00
	up to 5.00	16,200.00	15,316.00	14,948.00	12,342.00
	up to 5.25	17,202.00	16,264.00	15,873.00	13,099.00
	up to 5.50	18,205.00	17,212.00	16,799.00	13,855.00
	up to 5.75	19,208.00	18,161.00	17,724.00	14,612.00
	up to 6.00	NA	19,109.00	18,650.00	15,369.00
	up to 6.25	NA	NA	NA	16,126.00
	up to 6.50	NA	NA	NA	16,882.00
	up to 6.75	NA	NA	NA	17,639.00
	up to 7.00	NA	NA	NA	18,396.00
	up to 7.25	NA	NA	NA	19,153.00

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(T)

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 53 Cancels Original Sheet 53

4. CENTREX LSI SERVICE (cont'd)

B. Local Serving Increments (LSI) (cont'd)

- 2. Rates (cont'd)
 - c. Contract Change Charge/Complement Conversion

If customer wishes to convert from the pair-at-a-time to a facility complement or wishes to increase complement size during an existing contract period, the following one-time charge is applicable.

Description	Nonrecurring Charge
Contract Charge/Complement Conversion Charge, per	
occasion	\$550.00

5. CENTREX SERVICE

Effective January 9, 1995, no new installations of Centrex Service will be made. Customers who are on a Centrex Variable Term Payment Plan (VTPP) contract, longer than month to month, on the aforementioned date, will be permitted to expand their system until the expiration of the VTPP contract. All Centrex customers whether or not under the VTPP contract may retain or expand their Centrex systems until December 31, 1996.

A. General Regulations

- 1. Description of Service
 - a. Centrex service is an arrangement of switching equipment located on Company premises (hereinafter referred to as Centrex CO). The switching equipment is combined with other facilities to offer the features and services in b. following.

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(T)

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 60 Cancels Original Sheet 60

5. CENTREX SERVICE (cont'd)

A. General Regulations (cont'd)

- Description of Service (cont'd)
 - b. Features and Services (cont'd)
 - (4) Centrex CO Zone Service

Centrex CO Zone service provides for the following features:

(a) Type I

Provides all the features covered in b(1) preceding.

(b) Type II

Provides, in addition to the features covered in b(1) preceding, call transfer (all calls), consultation hold (all calls), three-way calling, Touch-Tone Calling Service and where central office facilities permit, unattended operation.

- (5) Other equipment and services requested by Centrex customers and compatible with this service will be furnished in accordance with regulations and at the rates specified in the applicable sections of the tariffs of the Company.
- (6) Where quantities of switching equipment or central office lines in excess of those considered standard by the Company are requested, such additional facilities will be furnished at rates and charges based on charges based on the costs incurred.
- (7) All operating at the customer's premises is performed by, and at the expense of, the
 customer and must conform with the operating practices and procedures which the
 Company may adopt to maintain a proper standard of service.

2. Availability of Service

All Centrex services are offered only from central offices where the Company has arranged the (T facilities for such services and are furnished subject to the availability of facilities and the following provisions:

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 61 Cancels Original Sheet 61

CENTREX SERVICE (cont'd)

General Regulations (cont'd)

- Availability of Service (cont'd)
 - The type of service furnished will be determined by the equipment in the central office involved and the associated facility arrangements.
 - b. Centrex CO Service

Effective December 17, 1980, no further requests for Centrex CO service served from No. 5 crossbar central offices will be accepted by the Company. Centrex CO systems in service on (T) December 17, 1980, or scheduled for installation in compliance with pending orders received prior to such date, may continue to be furnished and may be added to or rearranged only for as long as such systems remain in service at the location at which they were being furnished, or had been requested to be furnished, on the aforementioned date. Such Centrex CO systems may be assigned or transferred to different customers under the provisions of Part 2, Section 2 of this Tariff. (T)

3. Description of Terms Used in This Section

Primary Location a.

> Any one continuous property location of the customer may be designated by the customer as the Primary location. The attendant position or positions and the terminations for the lines associated with the primary listing will normally be situated at the Primary location. However, within transmission limitations, the attendant position or positions and the terminations for the lines associated with the primary listing may be located at a customer location other than the Primary location but within the same central office area as the Primary location. When such an arrangement is provided, rates and charges apply based upon the additional costs incurred by the Company.

(T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 63 Cancels Original Sheet 63

5. CENTREX SERVICE (cont'd)

A. General Regulations (cont'd)

- 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service
 - a. General

These regulations are in addition to those specified in Part 2, Section 3 of this Tariff.

- (1) The contract period for Centrex station lines furnished under this plan is the service period for which the customer contracts to pay the monthly rates for such lines. Subject to the provisions of paragraph d. following, for the duration of the contract period, customers will assume the obligation for a minimum of 80 percent of the total station lines in service at the time such customer enters into the VTPP. A customer who reduces station lines below the 80 percent commitment has the following options for the duration of the contract period:
 - (a) Continue to pay an amount equal to the monthly rates for 80 percent of the station lines in service at the time such customer entered into the VTPP, or
 - (b) pay termination charges as covered in paragraph d. following on the number of station lines below the 80 percent commitment which are disconnected and continue to pay only for the actual number of station lines in service.

The contract period applicable to all Centrex service or equipment items, other than station lines, furnished under this plan is as covered in Part 2, Section 2 of this Tariff. (T)

For an initial installation of a Centrex CO Zone service or for a conversion of another type of Centrex CO service to Centrex CO Zone service, the customer must select an initial payment period of longer than one month's duration. Upon the expiration of the initial payment service period, the customer may select any payment period covered by Part 2, Section 3 of this Tariff.

(T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 64 Cancels Original Sheet 64

5. CENTREX SERVICE (cont'd)

A. General Regulations (cont'd)

- 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service (cont'd)
 - b. Application of Rates and Charges
 - (1) The monthly rate applicable at the time a customer subscribers to a product under the VTPP for payment periods longer than one month is not subject to rate increases and, as to such VTPP contracts, the end user common line parity provision process will not be changed.
 - (2) In the event that all or any part of the service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a termination charge as set forth in paragraph d. following.
 - (3) A service order charge will not apply when customers renew or change the length of their payment period. The rates applicable for the new period are the rates currently in effect.
 - (4) Monthly rates and installation, termination, service establishment, service order, and other nonrecurring charges apply according to the appropriate rates and charges for products and services offered under the VTPP.
 - c. Additions, Upgrades and Downgrades
 - (1) Additions and removals
 - (a) Customers will be permitted to add station lines, attendant positions, ETS features, Centrex optional features, tie line terminals, miscellaneous service arrangements, RLT common equipment and C.O. LAN Service subject to the monthly rates in effect at the time such customers subscribed to the VTPP.
 - (b) Removal of ETS features, Centrex optional features, tie line terminals, miscellaneous service arrangements, RLT common equipment and C.O. LAN Service are permitted subject to Part 2, Section 3 of this Tariff.
 - (c) Station lines may be reduced subject to the provisions of Part 2, Section 3 of this Tariff.

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5. CENTREX SERVICE (cont'd)

A. General Regulations (cont'd)

- 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service (cont'd)
 - c. Additions, Upgrades and Downgrades (cont'd)
 - (2) Upgrades

Customers may upgrade from Type I to Type II, or a combination of Types I and II, within the same serving central office, where facilities permit, and retain the contracted VTPP. This upgrade in service will result in a commitment to the higher VTPP station rates for Type II in effect at the time the customer entered into the VTPP, for the remainder of the contract period.

(3) Downgrades

Customers may not downgrade from Type II or Types I and II combined to Type I and retain the VTPP at the lower station rates. Such downgrades will result in the application of termination charges and establishment of a new VTPP contract.

- d. Termination Charges
 - (1) If the VTPP is canceled in whole or in part by the customer or is terminated for cause by the Company prior to expiration of the 36-or 60-month payment period, the customer (T) shall be required to pay a sum determined by the application of the following formula for the station lines:

# of Station Lines)	# of Mont	hs Re-)
Below the 80% Level)	maining Ir	n Con-)
of Commitment Dis-) X Monthly Rate)	X tract) X 50%
connected)		

- (2) Termination charges for all other items furnished under the one month, 36-month or 60-month payment period are as covered in Part 2, Section 2 of this Tariff.
- (3) The customer shall not assign or otherwise transfer its rights or obligations under any Centrex arrangement provided under this tariff without prior written consent of the Company. Such consent will not be unreasonably withheld or delayed. Any provisions (T) to the contrary found elsewhere in this Tariff, are superseded.

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5. CENTREX SERVICE (cont'd)

A. General Regulations (cont'd)

- 5. Variable Term Payment Plan (VTPP) (cont'd)
 - 5.1 Centrex CO Service (cont'd)
 - e. Moves of Primary and Secondary Locations
 - (1) Moves of Primary locations outside of the same serving central office area constitute termination of the VTPP contract and the application of termination charges as covered in d. preceding.
 - (2) Moves of Primary locations within the same serving central office area do not constitute termination of the VTPP contract.
 - (3) Moves of Secondary locations to a non-continuous property location do not constitute termination of the VTPP contract, however termination charges may apply under the provisions of Part 2, Section 2 of this Tariff.

(T)

f. Renewal Options

Anytime prior to completion of the current payment period, a Centrex CO VTPP customer may renew the selected payment period at the rates in effect for new customers at the time of the renewal. The new rates will commence at the time of the customer's request, and must be prior to completion of the previous payment period.

Requests for Changes in Length of Optional Payment Period

Customers may extend the termination date of an initial 36-month (three year) or 60-month (five year) VTPP contract period in increments of two, three or four years at the prevailing 60-month (five year) rate in effect at the time of the initial contract extension request, subject to the following conditions:

- (1) The new payment period rates will be based on the prevailing 60 month rates in effect at the time the extension request is received.
- (2) No credit will be given for payments made under the previous initial contract period. However, additional nonrecurring charges will not be applicable.

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5. **CENTREX SERVICE (cont'd)**

A. General Regulations (cont'd)

- Variable Term Payment Plan (VTPP) (cont'd) 5.
 - 5.1 Centrex CO Service (cont'd)
 - h. Single Payment Option

For payment periods longer than one month, the customer may prepay the total outstanding recurring charges for items under a Contract Payment Plan. The prepayment of charges in no way constitutes a purchase and the Company retains full ownership of all equipment covered by the prepayment. The following conditions apply:

(T)

- The annual percentage rate will be based on the company's current cost of capital as specified in department practices.
- Assignment or Transfer of Service i.
 - Service, including equipment being furnished under the VTPP, may be assigned or (1) transferred under the provisions of Part 2, Section 2 of this Tariff.

(T)

(2) Transfer Fee

Centrex CO Service, including Airport Switching Systems

\$86.50

Deferred Payment į.

> Payment of nonrecurring charges for items under the VTPP may be deferred over the length of the customer's payment period or a shorter period (in annual increments), subject to the conditions specified in this paragraph.

- The charges to be deferred must be among the following types: (1)
 - **Installation Charges**
 - Nonrecurring Charges
 - Service Establishment Charges

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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5. **CENTREX SERVICE (cont'd)**

General Regulations (cont'd)

Console management

- Customer Training for Centrex CO 100 Service Only 6.
 - a. Initial training of customer personnel in system operation is provided at the time of system cutover. The number of customer's personnel trained is as follows:

Station User via the Communications Counselor

Program (CCP) 2 counselors per system

Console Management via (CCP) 2 counselors per system

Training is performed at a Company location and the customer is responsible for all expenses (T) associated with travel to and from the Company location. (T)

Training Category Nonrecurring Charge \$142.00 Station User

If the customer requests additional training beyond the training mentioned in a. preceding, or if the customer requests additional training subsequent to the initial installation, the following charges apply per trainee on Company premises.

Training Category Nonrecurring Charge Station User \$71.00 35.00 Console management

If customer does not wish formal training under the CCP training program, the customer will be provided a supply of dialing instruction cards (one card per equipped station plus 5%) for each system installed.

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71.00

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5. **CENTREX SERVICE (cont'd)**

B. Attendant Positions and Common Equipment (cont'd)

- Attendant Positions and Associated Equipment (cont'd)
 - b. **Auxiliary Attendant Positions**

Auxiliary attendant positions to provide attended manual reception and origination of calls for a selected group of stations terminating at such positions may be furnished at Primary or Secondary locations.

- Tie lines and tie line terminals required to connect such attendant positions to the Centrex system are furnished under the provisions of E. and F. following.
- Attendant Telephones C.

One attendant telephone of a type and style considered standard by the Company for the switchboard or console involved, is furnished with each attendant position.

Variable Term Description Nonrecurring Option Monthly Rates /Billing Code/ Charge 1-Month 36-Month 60-Month Attendant Services standard capabilities are as described in 2.A.1.b.(1)(g) preceding, per attendant service line /FZD1X/11/ \$2,500.00 \$325.00 \$325.00 \$325.00

/1/ Additional codes appear in departmental practices.

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5. **CENTREX SERVICE (cont'd)**

C. Stations of Centrex Systems (cont'd)

- Monthly Rates (cont'd) 2.
 - b. **Centrex Stations**
 - Station lines (1)
 - For intercommunication (a)
 - (i) Centrex CO

	Variable Term Option Monthly Rate						
	- ;	Schedule 1	/1/	,	/1/		
Description	1 Mo.	36 Mo.	60 Mo.	1 Mo.	36 Mo.	60 Mo.	
(bb) Type II							
First 100 Stations	\$23.95	\$23.95	\$23.95	\$24.40	\$24.40	\$24.40	
Next 200 stations	17.60	17.60	17.60	18.05	18.05	18.05	
Next 300 stations	17.30	17.30	17.30	17.75	17.75	17.75	
Next 300 stations	16.45	16.45	16.45	16.90	16.90	16.90	
Over 900 stations	13.05	13.05	13.05	13.50	13.50	13.50	
(cc) 100	21.50	20.50	19.50	21.50	20.50	19.50	
(dd) Zone - Type I							
 First 900 stations 	13.45	11.45	10.45	13.45	11.45	10.45	
 Over 900 stations 	10.85	9.40	9.35	10.85	9.40	9.35	
Type IIFirst 900 stationsOver 900 stations	15.40 13.35	13.40 11.35	12.40 10.95	15.40 13.35	13.40 11.35	12.40 10.95	

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^{/1/} Schedule 2 rates apply to the Cleveland Metropolitan Area exchange areas and Chesterland exchange area. Schedule 1 rates apply to all other exchange areas. No message allowance is provided. The message or measured usage charges in Part 4, Section 2 of this Tariff are applicable.

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5. **CENTREX SERVICE (cont'd)**

C. Stations of Centrex Systems (cont'd)

- 2. Monthly Rates (cont'd)
 - Restricted Stations^{/1/} C.
 - (1) Station lines

		Variable Term Option Monthly Rate						
			Schedule 1	121	;	Schedule 2	/2/	
Description		1 Mo.	36 Mo.	60 Mo.	1 Mo.	36 Mo.	60 Mo.	
(a)	Centrex CO - Type II - 100 - Zone-Type I & II	\$7.95 6.90 6.90	\$7.95 6.90 6.90	\$7.95 6.90 6.90	\$8.25 7.15 6.90	\$8.25 7.15 6.90	\$8.25 7.15 6.90	

- Minimum Monthly Charge-Within the Basic Local Service Area
 - (1) Except in the case of Centrex CO 100 service, a minimum monthly charge shall apply within the basic local service area equal to the monthly charge for 100 Centrex stations.
 - (2) When a combination of Centrex Type I and Type II stations is furnished within the basic local service area, the applicable minimum monthly charge is the sum of the monthly charge for 100 Type I stations plus the monthly charge for 100 Type II stations.

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^{/1/} Restricted station lines do not require an exchange access monthly rate or an intercommunication minimum monthly rate.

^{/2/} Schedule 2 rates apply to the Cleveland Metropolitan Area exchange areas and Chesterland exchange area. Schedule 1 rates apply to all other exchange areas. No message allowance is provided. The message or measured usage charges in Part 4, Section 2 of this Tariff are applicable.

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5. CENTREX SERVICE (cont'd)

C. Stations of Centrex Systems (cont'd)

- 2. Monthly Rates (cont'd)
 - e. Application of Station Rates When Primary Location is Outside Basic Serving Area
 - (1) Centrex CO Primary Location

Centrex stations and restricted stations are charged for at the appropriate rates specified in b. and c. preceding, plus circuit rates as covered in Part 4, Section 5 of this Tariff. (T)

- f. Application of Station Rates at Secondary Locations
- (1) All Centrex Services Except Centrex CO Zone Service
 - (a) Each Secondary location shall be treated as a separate location with regard to the application of rates.
 - (b) The monthly rates applicable to stations at Secondary locations within the basic serving area are the same as those applicable at the Primary location.
 - (c) The monthly rates applicable to stations at Secondary locations outside the basic serving area are determined in accordance with (a) and (b) preceding. In addition, circuit rates, as covered in Part 4, Section 5 of this Tariff or Base Rate/DS1 service rates, as found in Part 15, Section 3 of this Tariff, will be applicable.
- (T) (T)

- (2) Centrex CO Zone Service
 - (a) Station lines terminating at Secondary locations are grouped with the station lines terminating at the Primary location for the purpose of applying the 1st 900 and over 900 station rates.
 - (b) The monthly rates applicable to stations at Secondary locations outside the basic serving area are determined in accordance with (a) preceding. In addition, circuit rates, as covered in Part 4, Section 5 of this Tariff, or Base Rate/DS1 Service rates, as found in Part 15, Section 3 of this Tariff, will be applicable.

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5. **CENTREX SERVICE (cont'd)**

C. Stations of Centrex Systems (cont'd)

- Monthly Rates (cont'd) 2.
 - f. Application of Station Rates at Secondary Locations (cont'd)
 - (3) The monthly rates applicable to stations at Secondary locations outside the basic serving area are determined in accordance with (2) preceding. In addition, circuit rates, as covered in Part 4, Section 5 of this Tariff, will be applicable.

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Manual Stations

Description /Billing Code/

Monthly Rate

Manual Station line /XR9SX/

\$10.05

- Optional Features on Centrex CO
 - **General Provisions**
 - Subject to the availability of the necessary switching and control equipment, optional features are provided on Centrex CO-Type II, Centrex CO 100 and Centrex CO Zone station lines at the Primary location and at Secondary locations served by circuits directly from the central office serving the Primary location.
 - The Company cannot guarantee transmission when the use of these optional features involves connections with stations outside the local service area.

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CENTREX SERVICE (cont'd) 5.

D. Optional Features on Centrex CO (cont'd)

25. Camp-On and Call-Waiting-originating Options

Camp-on options provide a choice of silence, recorded announcement or music to the calling party on waiting camp-on calls. Call waiting-originating options provide a choice of recorded announcement or music to the calling party on call waiting-originating calls. These options replace the standard audible ringing tone furnished while such calls are held waiting.

	Installa- tion	Variable Term Option Monthly Rate			
Description	Charge	1-Month	36-Month	60-Month	_ _
Silence (Not available for call waiting-originating option)					
(1) Per group of 22 silence ports	\$268.80	\$ 47.30	\$ 47.30	\$ 47.30	
(2) Port connecting circuit	53.05	11.10	11.10	11.10	
b. Recorded announcement					
(1) Per group of 20 recorded announcement ports	268.80	109.60	109.60	109.60	
(2) Port connecting circuit	53.05	11.10	11.10	11.10	
c. Music					
(1) Per group of 22 music ports	268.80	167.30	167.30	167.30	
(2) Port connecting circuit	53.05	11.10	11.10	11.10	
(3) Channel connecting serving central office and music source on customer premises					
For rates and charges see Type 2001 channels in Part 15, Section 2 of this Tariff.					(T)

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

26. Source Billing of Attendant Handled Calls (SBAC)

SBAC provides for the system's listed directory number to be replaced with a main station line billing number on automatic message accounting records when outgoing calls are originated by the attendant for any user of a Centrex system who can directly access the attendant.

	Installa- tion	Var	otion	
Description	Charge	1-Month	36-Month	60-Month
Per System	\$110.75	\$11.30	\$11.30	\$11.30

- 27. Outgoing Trunk Queuing WATS (QTQ) Phase 1
 - a. QTQ WATS allows station users, by dialing a preselected code, to have their call held in queue (stored), if all the associated WATS facilities are in use. The calling station must remain off-hook to retain the call in queue. Where compatible, tie trunks may be given access to queuing.
 - b. The following features are available for providing QTQ WATS:
 - (1) Priority queuing, on an individual station basis.
 - (2) Attendant control of calls where two or more separate queues are provided (inflow/outflow).
 - (3) Routing calls to the optional feature of ARS before routing to QTQ WATS.
 - c. For calls held in queue, the following options are available:
 - (1) Customer specified time limit in queue.
 - (2) Recorded announcements (Company-provided) to calls held in queue, or

(T)

- (3) Music (customer-provided) to calls held in queue, or
- (4) Silence to calls held in queue.
- d. When the specified time limit in queue has been exceeded, the call is advanced either to MTS or to overflow tone.

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CENTREX SERVICE (cont'd) 5.

D. Optional Features on Centrex CO (cont'd)

- Outgoing Trunk Queuing WATS (QTQ) Phase 1 (cont'd) 27.
 - f. Changes and rearrangements

		Nonrecurring Charge
(1)	Common equipment	\$210.00
(2)	Quantity of queue slots	98.05
(3)	Queue threshold time limit	72.70
(4)	Inhibit inflow	72.70
(5)	Inhibit outflow	72.70
(6)	Silence on queue	-
(7)	Recorded announcement The installation charge set forth in e.(3)(b) preceding is applicable	
(8)	Change in overflow arrangement	101.50
(9)	Music on queue The installation charge set forth in e.(3)(c) preceding for music on queue common equipment is applicable.	
(10)	Priority, per station The service and equipment charge for changes set forth in Part 3, Section 1 of this Tariff.	

28. Centrex Customer Change Feature (CCCF)

CCCF will allow a Centrex customer to transmit requests involving certain feature additions, deletions or changes on Centrex station lines, to the Company's Business Services center via an lines, to the Company's business Services center via an individually programmed Comm-Stor® II. The Comm-Stor II unit will edit the customer input data and add descriptive information to aid in the Company's implementing the order.

Registered trademark of Sykes Datatronics, Inc.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 28. Centrex Customer Change Feature (CCCF) (cont'd)
 - a. The following feature changes can be implemented:
 - Call Forwarding-Busy Line (Change "forward to" number)
 - Call Forwarding-Don't Answer (Change "forward to" number)
 - Call Pick-Up (Change line from one Pick-up Group to another established Pick-up Group)
 - Hunting (Change "hunt to" number)
 - Change Station Type
 - Special Station Restrictions
 - Change Facility Restriction Level Assignments
 - Change Call Forwarding Ring Cycle Option
 - Interchange station line numbers (non-key)
 - b. Subsequent to the establishment of the following Centrex optional features in a Centrex system, CCCF can be utilized to add or remove such features to or from existing station lines.
 - Call Pick-up
 - Call Hold
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer
 - Call Waiting-Originating
 - Call Waiting-Terminating
 - Dial Call Waiting
 - Directed Call Pick-up Barge In
 - Directed Call Pick-up Non-Barge In
 - Customer Changeable Speed Calling 6
 - Customer Changeable Speed Calling 30
- c. Any other service order requests may also be transmitted directly to the Company.

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5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

- 28. Centrex Customer Change Feature (CCCF) (cont'd)
 - h. **Premises Equipment**
 - (1) The following items of terminal equipment, or equivalents, must be furnished by the customer to insure proper operation of the CCCF:
 - Comm-Stor II
 - 43 Teleprinter
 - DATASPEED 40
 - 200 Series DATA-PHONE data set
 - (2) In addition, either one non-residence individual line or one Centrex station line at the rates forth in this Tariff is required with the customer's terminal equipment.
- 29. Centrex Station Rearrangements (CSR)
 - General a.

CSR will allow customers with Centrex CO Type I, CO-Type II and Centrex CO Zone service provided from a 1A Electronic Switching System (ESS) type central office, where facilities permit, to add or delete selected optional features and make certain changes in the Centrex line and feature configurations of the system.

These additions, deletions and changes are made by accessing a dial-up port in the central office and entered via a terminal on the customer's premises.

- b. Regulations
- (1) The customer-provided terminal, subject to the provisions of Part 2, Section 9 of this Tariff, can be a general purpose terminal with the capability to provide a hard copy printout.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 29. Centrex Station Rearrangements (CSR) (cont'd)
 - b. Regulations (cont'd)
 - (2) Certain lines may be specified by the customer to be exempt from this feature. Additionally, the Company reserves the right to make the following types of lines inaccessible from Centrex Station Rearrangements:
 - Multiline hunt group lines
 - Attendant lines
 - Lines equipped with data sets
 - Lines with special equipment
 - Off premises stations (different central office)
 - (3) The Centrex station line used to access the Dial-up Data Port must be a fully restricted line.
 - (4) The Company reserves the right to temporarily inhibit the customer from making CSR changes when service affecting conditions to the central office exist. The customer will receive a message at the terminal indicating that CSR changes are temporarily inhibited. The customer will, however, be able to search for and display data during the temporary inhibit.
 - (5) Initial customer training by the Company in the use of CSR is provided at the time CSR is placed in service. See rates and charges for subsequent training.
 - c. Responsibility of the Company (T)
 - Changing the status of a line from accessible to inaccessible or vice versa must be done by the Company.
 - (2) A password (four-digit code) will be assigned by the Company to permit a customer access (T) to the CSR feature.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 29. Centrex Station Rearrangements (CSR) (cont'd)
 - d. Responsibility of the Customer
 - (1) A current hard copy printout showing Centrex line activity and/or Centrex line features must be provided to Company personnel upon request. (T)
 - (2) The customer is responsible for the administration and security of the password and shall also be responsible for any charges associated with unauthorized use of such password. See rates and charges for customer requested password changes.
 - (3) The customer must maintain a backup record of all changes, additions and deletions between updates of the Central Office recent change memory file.
 - e. The following feature changes can be implemented:
 - Interchange station line numbers (i.e., station lines with same type of dialing
 - Change Centrex Access Treatment (CAT) code associated with a station line.
 - Change Facility Restriction Level (FRL) Assignments
 - Call Pick-up (Change line from one Pick-up Group to another established Pick-up Group)
 - Call Forwarding-Busy Line/Don't Answer (Change "forward to" number).
 - Activate/Deactivate Service on existing station lines/1/
 - Hunting (Add, delete, or change "hunt to" number)
 - Change Call Forwarding Don't Answer Ring Cycle Option
 - f. Subsequent to the establishment of the following Centrex optional features in a Centrex system, CSR can be utilized to add or remove such features to or from existing station lines.
 - Automatic Callback
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer

/1/ Lines deactivated via the CSR feature continue to be billed as working lines.

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By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 30. Message Desk Interface (MDI) Service
 - a. MDI service allows call related information to be sent via a desk channel from the central office to the customer's message desk facility.
 - MDI service enables the message desk attendant to handle calls on a personalized basis for each station user.
 - MDI service is available to customers with a Centrex System furnished from a 1A Electronic Switching System (ESS) and later type central office, where facilities permit.
 - d. The type of call completed to a message desk is identified as either a direct dial call or a forwarded call.
 - e. The type of call forwarding is identified when the message desk attendance receives a call which has been forwarded. The station user is able to use the following types of call forwarding:
 - Call forwarding
 - Call forwarding busy line
 - Call forwarding don't answer
 - Night Transfer
 - f. The called station number if identified when the message desk attendance answers a call which has been forwarded.
 - g. The calling station number is identified when the message desk attendance receives calls originated from the same central office from which the MDI service is provided.
 - h. The customer will be required to provide attendance answering equipment, a desk controller device and attendant data terminals with the controller. The attendance equipment can be a standard telephone, key telephone, attendant console or similar equipment.
 - i. A message desk controller device is required to interface with a data channel which transmits the MDI calling information. The controller device may be any type of computer equipment which meets interface requirements for the data channel.
- /1/ Any feature which forwards or reroutes calls to another number can be used to complete calls to a message desk. However, only the use of features provided from a Company central office will provide details on the type of Call Forwarding utilized. (T)

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 30. Message Desk Interface (MDI) Service (cont'd)
 - j. Rates and Charges

The following rates and charges are in addition to any other applicable rates and charges associated with the customer's service.

- (1) For the initial installation, and subsequent additions or changes for call forwarding and/or audible message waiting indication, apply Centrex change charges as set forth in Part 3, Section 1 of this Tariff.
- (2) In addition to the charges above, the following rates apply:

Description		Service Establishment	Variable Term Option Monthly Rate			
/B	illing Code/	Charge	1-Month 36-Month 60-Mo		60-Month	
(a)	Common Equipment per system /AML/	\$975.00	\$150.00	\$144.00	\$140.00	

One Type 3002 channel is required between the central office and the customer's premises at the rates and charges specified in the Part 15, Section 2 of this Tariff.

31. Optional Features on Centrex CO

	Description	Charge
a.	Package 1 consisting of call pick-up, call hold, call forwarding, call forwarding-busy line and don't answer, speed calling-6 numbers and toll restriction /CZA/	
	Installation charge, per system	\$111.00
	Variable term option monthly rate, per line	
	- 1 month	5.00
	- 36 months	4.75
	- 60 months	4.50

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

31. Optional Features on Centrex CO (cont'd)

Description	Charge
b. Package 2 consisting of distinctive ringing and automatic call b	ack /CZB/
(1) Per system	
Service establishment charge	
Installation charge	\$ 34.00
Variable term option monthly rate	110.00
- 1 month	
- 36 months	4.80
- 60 months	4.55
	4.35
(2) Per line /CZBPS/	
Variable term option monthly rate	
- 1 month	
- 36 months	3.60
- 60 months	3.45
	3.25
c. Night trunk answer from any station for unattended operation, /NTU/	
Nonrecurring charge	
Variable term option monthly rate - 1 month	35.00
- 36 months	10.25
- 60 months	9.75
oo monare	9.25
One Type 1001 channel is required between the central office the rates and charges specified in Part 15, Section 2 of this Ta	•

A transfer arrangement is provided by the customer.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 32. Customer Management Features (cont'd)
 - a. Expanded Automatic Route Selection-Deluxe (EARS-D) (cont'd)
- (1) (cont'd)
 - (c) Authorization Codes permit a station user to dial a code which overrides the FRL. The Company shall not be liable to the customer for the unauthorized use of such authorization codes, nor will the customer be entitled to a credit for such unauthorized use.

(2) Rates and Charges

		Service	Non-		able Term	•	
		Establish-	recurring		Monthly Ra	ate	
		Ment Charge	Charge	1Mo.	36 Mo.	60 Mo.	USOC
(2)	Common Equipment	\$12,984.00	\$1,542.00	\$26.00	\$25.00	\$24.00	AB8
(a)	Common Equipment	\$12,904.00	\$1,542.00	φ20.00	φ25.00	φ24.00	ADO
(b)	Route Selection Pattern's						
(i)	Each Pattern	_	84.00	-	-	-	AHD
(ii)	Each FX, WATS,						
. ,	Private Line and OCC						
	Access Line						
	terminating	-	-	1.40	1.35	1.3	AHY
(iii) Nu	ımbering Plan Area						
	codes only, each						
	pattern	-	-	.45	.40	.35	AEN
(iv)	Each Six Digit						
	Translator	-	228.00	-	-	-	ABM
(v)	Numbering Plan Area						
	and central office						
	codes, each pattern	-	-	1.30	1.25	1.20	AHH
(vi)	Expensive Route						
	Warning Tone, per						
	order	-	125.00	-	-	-	AHK

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5. **CENTREX SERVICE (cont'd)**

- D. Optional Features on Centrex CO (cont'd)
 - 32. Customer Management Features (cont'd)
 - b. Station Message Detail Recording to Premises (SMDR-P) (cont'd)
 - (2) Rates and Charges (cont'd)

	Nonrecurring Charge	USOC
(f) Changes		
(i) Account codes - change in number of account code		
digits, each system	\$27.00	RCHDB

- 33. Deluxe Centrex Feature Packages (DCFP)
 - Description a.
 - (1) DCFP consists of group of features that will be furnished from a 1A Electronic Switching System (ESS) and later type central office, where facilities permit, to Centrex CO-Type II, Centrex CO Zone-Type II, Airport-Type II and Exhibition Hall customers.
 - (2) When DCFP is provided with a system not equipped with the Centrex Mate Service (CMS) or Centrex Station Rearrangement (CSR) feature, station lines may be equipped with any feature package on a per station line basis.
 - (3) If all or part of a Centrex system is equipped with CMS or CSR, and the customer elects to equip the CMS or CSR station line with DCFP, all CMS or CSR station lines must be equipped with DCFP. Only one DCFP is permitted per CMS or CSR equipped Centrex system.
 - (4) Optional features that are not included in a DCFP may be provided in addition to the DCFP at rates and charges specified in this Tariff.
 - b. Features are included as follows:
 - (1) Feature Package A
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer
 - Call Hold
 - Call Pickup
 - Call Waiting Originating
 - **Call Waiting Terminating**

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By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 120 Cancels Original Sheet 120

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

34. Centrex-Mate Service (CMS)

a. General

Where facilities permit, CMS affords customers with Centrex CO Type II, Centrex CO Zone-Type I and Type II and Centrex CO 100 service provided from a 1 or 1A Electronic Switching System (ESS) type central office, an alternative to the standard service order routine for requesting changes to Centrex stations. CMS allows Centrex customers to control provisioning of stations and features within the bounds established by the Company. The Centrex customer may activate and deactivate stations; exchange telephone numbers between stations, (when stations are exchanged, each station carries with it its existing features and dialing privileges, i.e., unrestricted, semi-restricted, etc.); verify station features, list stations with specific features, or list all features for a given station; change a single feature on a single station, change multiple features on a single station, or change multiple features on multiple stations.

b. Definitions

(1) Bulk Feature Quantities

The maximum number of individual features designated by and billed to the CMS customer (e.g. 350 call forwarding, 475 call waiting, etc.), which may be changed and/or added to the Centrex system. The customer will not be able to exceed the designated bulk number of individual features without having the designated bulk number of individual features changed by the Company.

(2) Default Date

The date automatically assigned in the absence of a specific date being provided by the customer, indicating when the changes are to become effective. The default date is the next calendar day after the day the changes are provided by the customer.

(3) Mask

A mask is a customer defined format which contains Centrex information about the features and restrictions on each of the customer's stations and defined data fields which the customer may use for name, address, organization and equipment records.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 121 Cancels Original Sheet 121

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 34. Centrex-Mate Service (CMS) (cont'd)
 - b. Definitions (cont'd)
 - (4) Time Slot Initial

The Company will assign each CMS customer a 15 minute reserved time slot each day to (T) access their Centrex database for the control and provisioning of stations and features within the bounds established by the Company. (T)

The reserved time slot assignment will be based upon availability, and will be negotiated between the Company and the customer.

(5) Time Slot - Additional

The CMS customer may reserve additional 5 minute reserved time slot increments each day to access their Centrex database. The additional time slot assignments will be based upon availability and will be added to the initial 15 minute reserved time slot.

Additional time slot assignments will be negotiated between the Company and the customer. (T)

c. Regulations

- (1) Each CMS customer can only access their own customer defined database. The database contains information about the features and restrictions on every station utilized by the Centrex customer in addition to defined fields which can be used for name, address, organization, or equipment.
- (2) CMS is a dial-up, time-share system which provides for all customers sharing the available access on a scheduled daily basis. The time slots will be administered by the Company. (T)
- (3) Changes entered via this feature become effective on either a default date or delayed date basis. Default changes will become effective by 2:00 p.m. of the next calendar day. Delayed changes will become effective on the date specified by the customer by 2:00 p.m. of that date.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 122 Cancels Original Sheet 122

5. CENTREX SERVICE (cont'd)

D.	Optional Fo	eatures on	Centrex	CO	(cont'd)	,
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- 34. Centrex-Mate Service (CMS) (cont'd)
- c. Regulations (cont'd)
 - (4) CMS customers may continue to use standard service order procedures whenever they wish to do so and the implementation of customer changes remains the responsibility of the Company at rates and charges set forth in Part 3, Section 1 of this Tariff.
 - (5) The interface associated with CMS is a customer-provided 1200 baud asynchronous, video terminal and associated data set.
 - (6) The Company reserves the right to temporarily inhibit the customer from making CMS changes when service affecting conditions exist. The customer will receive a message at the terminal indicating that CMS changes are temporarily inhibited. The customer will, however, be able to search for and display data during the period of temporary inhibition.
 - (7) Certain lines may be specified by the customer to be exempt from this feature. Also, the Company reserves the right to exempt certain lines from CMS. (T)
 - (8) Initial customer training in the use of CMS is provided by the Company at the time CMS is
 placed in service without additional charge. Subsequent training is provided by the
 Company at the rates and charges specified in h. following.
 - (9) The customer may exchange the appearance of working lines as well as deactivate and restore lines without affecting assigned features. Lines that are deactivated will continue to be billed as working lines.

Lines with associated central office equipment and lines with associated circuit numbers cannot be exchanged. However, feature changes as defined by the Company can be made on such lines. These lines include, but are not limited to the following:

- Multiline hunt group lines
- Attendant lines
- Lines with special equipment
- Off premises stations (different central offices)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 123 Cancels Original Sheet 123

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 34. Centrex-Mate Service (CMS) (cont'd)
 - d. Responsibility of the Company

(T)

- (1) Changing the status of a line from accessible to inaccessible or vice versa must be done by the Company. (T)
- (2) The password that permits customer access to the CMS system can only be established in the system by the Company. (T)
- e. Responsibility of the Customer

The customer is responsible for the administration and security of the password and shall also be responsible for any charges associated with use of customer's CMS service arising out of unauthorized use of such password. See rates and charges for customer-requested password changes.

f. Display and Verification Capabilities

The following items can be displayed as part of the customer profile:

- Feature Restriction Levels
- Quantity of features in use
- Quantity of features allowed
- g. CMS Features
- (1) The following list includes specific optional features that can be added or deleted via CMS.
 - Automatic Callback
 - Call Forwarding
 - Call Forwarding Busy Line
 - Call Forwarding Don't answer
 - Call Hold
 - Call Pick-up
 - Call Waiting -originating
 - Call Waiting -terminating
 - Dial Call Waiting
 - Directed Call Pick-up
 - Directed Call Pick-up (Non-Barge-in)
 - Speed Calling list of 6 numbers
 - Speed Calling list of 30 numbers

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 127 Cancels Original Sheet 127

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 35. Digital Interface Unit
 - a. General

The digital interface unit is used for connection of a High Capacity Transport Service private line, OPTINET DS1 Service, at a speed of 1.544 Mbps to a Centrex system.

(T)

b. Rates and Charges

		Non- recurring	Var	riable Term O _l Monthly Rate		
		Charge	1 Mo.	36 Mo.	60 Mo.	_
(1)	Per Digital Interface Unit	\$549.00*	\$575.00	\$500.00	\$450.00	
(2)	Reconfiguration Charge, per Tie Line Group	138.00**	-	-	-	

- * Channel terminations on the Digital Interface Unit installed subsequent to the initial installation of the Digital Interface Unit are provided without charge.
- ** Applicable to the following changes made subsequent to the initial installation:

Change the dial access code

Change the number of digits outpulsed or received

Change the type of outpulsing (dial pulse, Touch-Tone or multi-frequency)

Change the type of trunk supervision (wink start or immediate start)

Change the type of operation (cut-through versus senderized)

The total reconfiguration charges shall not exceed the nonrecurring charge.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 128 Cancels Original Sheet 128

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

36. Station Call Park

a. General

Station Call Park allows a station line user to park a call against its own number. The parked call can be retrieved from any station line by dialing a feature code and the directory number against which the call is parked.

b. Rates and Charges

	Non- recurring	Vari			
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
Line equipped, per occasion					
- First line equipped	\$85.00	\$.40	\$.30	\$.25	CP9PK
 Each additional line equipped 					
	5.50	.40	.30	.25	CP9PK

37. Electronic Key Capability

a. General

Where available, Electronic Key Capability is a Centrex station line optional feature, designed specifically for access by pre-programmed push-button features on a compatible customer-provided electronic business telephone set. Technical specifications and limitations for compatible telephone sets can be found in various technical references. Such technical references may be obtained from:

(1) The Electronic Key Capability feature includes the following:

- Group Intercom - allows an intercom station user to terminate on a member intercom station of a predesignated intercom group by using abbreviated dialing.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 135 Cancels Original Sheet 135

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 39. High Speed Data Capability (cont'd)
 - b. Optional Features (cont'd)
 - 1. Data Facility Pooling (cont'd)
 - b. Customer Premises Based Service
 - i. Customer Premise Based Data Facility Pooling provides the customer the ability to transmit data to and receive data from non-digital/non-ISDN architecture (D Channel) destinations via a dial-up data facility pool installed and maintained by the customer on the customer's premise. A message exchange service line is required at the rates specified in Part 4, Section 2 of this Tariff.

(T)

- ii. The capabilities in (i) preceding are standard with the following additions:
 - (aa) A minimum of three members per data facility pool group with each member equipped with Basic Access Line and analog line interfaces to the Company's central office.
 - (bb) Outgoing dialing plan restrictions consistent with subscribed Centrex System services.
- iii. Optional Capability
 - (aa) Additional data facility pool member.
- 2. Electronic Key Range Extender

The electronic key range extender increases the transmission limits of the Electronic Key Capability feature and the High Speed Data Capability feature for those locations that exceed the technical limits, as specified in the aforementioned technical references.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 39. High Speed Data Capability (cont'd)
 - c. Rates and Charges (cont'd)
 - 2. Optional features (cont'd)
 - a. Data Facility Pooling (cont'd)
 - iii. Customer Premises Based Service

		Non- recurring	Variable Term Option Monthly Rate		•		
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC	_
aa.	Standard capabilities and features as described in b.(1)(b)(i) preceding, per pool	\$225.00	\$105.00	\$92.00	\$84.00	MJ3*	
bb.	Additional data facility pool member	75.00	35.00	31.00	28.00	MJ5*	(T)

- b. Electronic Key Range Extender, See Par. 2.D.38.b.(3)(b) for rates and charges.
- d. Change Charges
 - 1. Optional Features
 - b. Data Facility Pooling

	, ,	Change Charge
i.	Central Office Based Service	
	aa. per pool	\$ 10.00
	bb. per occasion	260.00
	cc. per additional modem	3.30
ii.	Customer Premises Based Service	
	aa. per pool	10.00
	bb. per occasion	260.00
	cc. per additional modem	3.30

 ^{*} Additional codes appear in departmental practices.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 149 Cancels Original Sheet 149

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

- 49. Do Not Disturb (DND) Attendant Feature (cont'd)
 - b. Rates and Charge

	Non-	Varia			
	recurring	N	Monthly Rat	te	
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
Do not disturb feature, per system	\$6.50	\$3.90	\$3.70	\$3.60	DJDPS

50. Automatic Call Distribution Service

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(T)

(T)

a. General

Automatic Call Distribution (ACD) Service provides call distribution as an integrated function of the central office. ACD Service provides an equal distribution of a large volume of incoming calls to predesignated groups of answering positions, known as agent positions. Incoming calls are served on a first-in, first-out basis and if all agent positions are busy, calls may be held in an incoming queue until an agent position becomes available or the caller disconnects.

(T)

The ACD Service switching function is performed in the Company central office and is available only from central offices where facilities have been provisioned for the service.

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All customer provided equipment used to interface with ACD Service is required to conform with the Technical Reference Specifications as used by the Company and found in Technical References AM-TR-NPL-000004 and AM-TR-PSS-000032.

er (T)

ACD Service can be provided as Basic ACD service or Deluxe ACD service. The customer may have more than one ACD group, but within a group all positions must be either Basic or Deluxe.

b. Regulations

- 1. Agent positions may be served by standard (2500) or Electronic Key Telephones. When served by Electronic Key telephones, the rates and charges for the Electronic Key Capability feature for agent and supervisor positions are as stated in paragraph D.37 preceding and apply on a per position basis.
- ACD Service is offered under the terms and conditions of the Variable Term Payment Plan (VTPP), as described in this Tariff.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

50. Automatic Call Distribution Service (cont'd)

(T)

- c. Description
 - 1. Basic ACD
 - a. System Features

<u>Abandoned Call Clearing</u> - Abandoned ACD calls are removed from incoming call queues and recorded announcements in order to reduce unnecessary connections to the central office.

<u>Agent Queues</u> - The Agent Queue feature ensures an even distribution of workload among the agents in the group. The agent who has been available the longest receives the first incoming call.

<u>Automatic Overflow</u> - Multiple ACD groups can be specified as overflow groups for a given ACD group. If an overflow condition exists on the incoming call queue, these groups are examined and the call terminates on the first group that can accept the call.

<u>Call Forcing</u> - When an ACD call is presented to an ACD agent having Call Forcing, the agent hears a short burst of tone to alert the agent, and the call is immediately connected.

<u>Call Source Identification</u> - The terminating ACD called number is displayed on the ACD agents set.

<u>Direct Outward Dialing</u> - This feature allows an agent, while on an incoming call, to place a Direct Outward Dialed call.

<u>Login and Logout</u> - All agents and supervisors are required to login to an agent position before they can receive incoming ACD calls. When an agent is logged out, no ACD calls can be presented to the agent.

<u>Night Service</u> - Night Service is activated when all agents in an ACD group have activated Make Set Busy. Calls newly arriving for the group are rerouted to the night service route specified for the ACD group. The treatment can be another ACD location, a night service number within the Centrex system, to an external location, or to an optional recorded announcement.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 151 Cancels Original Sheet 151

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

50. Automatic Call Distribution Service (cont'd)

(T)

- c. Description (cont'd)
 - 1. Basic ACD (cont'd)
 - a. System Features (cont'd)

<u>Call Transfer/Three Way Calling</u> - This feature allows agents and supervisors to transfer an ACD call to another directory number. The agent or supervisor initiating the transfer may also establish a three-way call involving the incoming ACD call, the agent or supervisor and the third party.

<u>Call Transfer With Time</u> - Allows a call that has been answered by an ACD agent and then transferred to another ACD group, to be time inserted in the new group's highest priority queue based on the total time the call has previously been enqueued and talking in the original group.

<u>Overflow of Enqueued Calls</u> - Provides an additional customer- defined timer and route. This feature also provides immediate overflow to the time delay threshold route when the time delay overflow is unsuccessful.

b. Agent Features

<u>Agent Call Supervisor</u> - This feature allows the ACD agent quick access to the supervisor for help or consultation.

Call Park By Agent - Allows ACD agents to park calls in the standard manner.

<u>Emergency Notification</u> - The Emergency feature allows an ACD agent to immediately conference a supervisor or as an alternate, conference an emergency recording device or both. A Centrex station line may be used to interface with the customer-provided emergency recording device.

<u>Make Set Busy</u> - When in the Make Set Busy state, incoming calls are blocked from routing to the agent. When Make Set Busy is activated, the agent is logged out.

<u>Not Ready</u> - The Not Ready feature allows the ACD position to be temporarily unable to receive ACD calls. The feature is typically used when an ACD agent needs time to complete a transaction between calls.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

50. Automatic Call Distribution Service (cont'd)

(T)

- c. Description (cont'd)
 - 1. Basic ACD (cont'd)
 - b. Agent Features (cont'd)

<u>Transfer To Incalls Key</u> - Allows an agent to transfer an ACD call to another agent's incalls key within the same customer group.

<u>Walkaway/Closed Key Operation</u> - Allows agents to enter a code after activating the Not Ready Key that specifies the reason for being unavailable. Tracking of these codes in the Management Information System (MIS) allows management of agent activities by project.

c. Supervisor Features

Agent Observation - This feature allows the supervisor to observe ACD calls.

<u>Agent</u> - The Call Agent feature allows a supervisor to directly call an ACD agent position, or when used in conjunction with the Agent Observation feature, to conference into a call.

<u>Supervisor Control of Night Service</u> - The supervisor position may control the activation of Night Service for an entire ACD group so that no new ACD calls enter the incoming call queue.

<u>Controlled Interflow</u> - Allows the ACD supervisor to divert a group's new incoming ACD calls due to a change in business conditions.

<u>Display Agents Summary Key</u> - Enables the ACD supervisor, using a business set with display, to quickly check the status of all ACD agent positions assigned to a particular agent group.

<u>Forced Agent Availability</u> - Allows the ACD supervisor to deactivate "Not Ready" on a specific line.

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1st Revised Sheet 153 Cancels Original Sheet 153

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

50. Automatic Call Distribution Service (cont'd)

(T)

- c. Description (cont'd)
 - 1. Basic ACD (cont'd)
 - d. Optional Features available with Basic ACD only

<u>Group Reconfiguration/Team Status</u> - Group Reconfiguration provides the customer with the ability to change the ACD parameters. Team Status allows the customer to periodically view the status of their ACD groups. The status contains information such as the following:

- ACD group name
- Primary ACD number
- Total number of calls in the ACD queue
- Number of seconds that the first call queued in the incoming call queue has been waiting.
- Number of idle ACD positions.

Note: Requires a private line facility and the Group Reconfiguration/Team Status Interface.

2. Deluxe ACD

a. The following features are available with Deluxe ACD.

All Basic ACD System features, Agent features and Supervisor features.

Management Information System (MIS) Data Stream -

Provides a data stream containing complete call event records from the Company central (T) office to a customer provided downstream processor. In addition, it provides the ability for group reconfiguration and team status. Requires a private line facility and the MIS Interface.

b. Optional Features available with Deluxe ACD only

<u>Line-of-Business Code Key</u> - Allows a Line-of-Business (LOB) Code key to be assigned to each agent's position. When the agent presses this key and dials a three-digit code associated with a particular line of business, the call category is recorded. On call release, the LOB code is sent to a customer-premises down stream processor through the MIS interface.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

50. Automatic Call Distribution Service (cont'd)

(T)

- c. Description (cont'd)
 - 3. Optional Features available to ACD Basic and ACD Deluxe

Incoming Call Queueing/Queue Slots - Calls terminating on an ACD are placed in a queue in the order of their arrival when an agent is not available to answer them, and are removed from queue as agents become available. Incoming calls are presented to the next available agent in the order of arrival, with the highest priority first. Queue slots are dedicated time slots used to hold incoming calls in a delayed state until an agent position becomes available. Requires a queue slot for each call to be held in queue.

<u>Central Office Announcement</u> - When there are more incoming calls than available agents, delays are encountered before the calls can be answered. An announcement advising of the delay can be provided when a delay threshold is exceeded. A central office announcement may also be used when the ACD group is in Night Service. This feature requires gueue slots as well as an interface to Central Office Recorded Announcement.

<u>Interface to Customer-Provided Announcement</u> - This announcement is provided by the customer.

<u>Music on Queue</u> - Music can be provided for callers in an ACD queue while waiting for an available agent. Queue slots are required for this feature. Requires a private line facility and a Music Source Interface.

<u>Operational Measurement</u> - Provides central office traffic data to the customer's premises. Requires a Private Line facility and the Operational Measurement Interface.

Interface to Queue Status Indication - When incoming calls waiting in queue have exceeded a predetermined time in queue threshold, a signal is sent from the central office to customer-provided equipment for visual indication. There may be individual or multiple time thresholds. Requires a private line facility and the Queue Status Interface per threshold.

<u>Call Vectoring</u> - Allows the customer to program a series of call handling steps that an incoming call will follow before it is routed to an attendant.

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1st Revised Sheet 155 Cancels Original Sheet 155

5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

50. Automatic Call Distribution Service (cont'd)

(T)

- c. Description (cont'd)
 - 3. Optional Features available to ACD Basic and ACD Deluxe (cont'd)

<u>Caller Directed Call Processing</u> - Provides prompts to callers. The digits dialed in response to the prompts are used to route the call to a particular step within the call vector or to a different call vector. The customer must purchase central office recorded announcements to provide the prompts.

- d. Rates and Charges
 - The following rates and charges are in addition to the rates and charges for any other services to furnish a communications system.
 - Service Establishment Charge
 - Nonrecurring Charges
 - Monthly rates
 - Subsequent Activity Charges

	, , , , , , , , , , , , , , , , , , , ,		Nonre	ecurring Ch	arge	USOC
2.	Service Establishment Charge, per Group	Customer		\$1,400.00		SESCL
3.	Rate Schedule	Non- recurring Charge		able Term C Monthly Rat 36 Mo.	•	USOC
a.	Basic ACD					
	i. Service Subscription per position	\$ 75.00	\$27.00	\$20.00	\$18.00	APO1X
ii	. Group Reconfiguration/ Team Status Interface, per link	550.00	25.00	22.00	20.00	A5A
b.	Deluxe ACD					
	i. Service Subscription per position	125.00	29.00	21.00	19.00	APO2X
ii	. MIS Interface, per link	225.00	90.00	75.00	65.00	AM1

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

50. Automatic Call Distribution Service (cont'd)

(T)

d. Rates and Charges

3. Rate Schedule

(T)

		Non- recurring		able Term C Monthly Rat	•	
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC
C.	Optional Features					
i.	ACD Queue Slots, per Slot	\$ 10.00	\$ 1.25	\$ 1.10	\$1.00	QSCPQ
ii.	Central Office Recorded Announcement, per announcement	70.00	63.00	55.00	50.00	RKD
iii.	Interface to customer premises recorded announcement, per link	185.00	44.00	39.00	35.00	AQ2
iv.	Interface to Operational Measurements, per link	225.00	40.00	40.00	35.00	AQZ
V.	Interface to Queue Status Indication,					
	aa. Single or multi-stage, per link	100.00	12.50	11.00	10.00	AQQPG
vi.	Interface to Music Source, per link	185.00	44.00	39.00	35.00	МНВ
vii.	Line-of Business Code Key, per adjust	-	2.25	1.95	1.75	LBB
viii.	Call Vectoring, per system	550.00	200.00	165.00	150.00	VCEPS
	Caller Directed Call Processing, per prompt	225.00	110.00	100.00	90.00	VDDPS

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CENTREX SERVICE (cont'd) 5.

D. Optional Features on Centrex CO (cont'd)

Automatic Call Distribution Service (cont'd) 50.

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- d. Rates and Charges
 - Subsequent Change Charge

		Nonrecurring Charge
a.	Change to an agent or supervisor position	\$ 25.00
b.	Change to central office provided recorded announcement, per change	30.00
C.	Change from Basic ACD to Deluxe ACD per position	50.00
d. e.	Change to ACD data tables (e.g., group, subgroup, listed directory, overflow, audio and queue), per occasion Change to Operational Measurements interface, per occasion	42.00
		100.00

51. **ISDN Centrex** (T)

General a.

ISDN Centrex is a multichannel service. It provides an integrated voice/data communications (T) capability for the transmission of circuit switched voice and/or circuit switched data on an incoming, outgoing and intercommunicating basis and packet switched data on an intercom basis. The service utilizes Integrated Services Digital Network (ISDN) architecture. Multichannel services require the full or partial use of a Basic Rate Access Line (2B+D). The two 64 Kbps "B" channels are used to carry user information. The 16 Kbps D channel is used to carry signaling and user packet switched data. The service is available from specially equipped digital switching equipment located in the Company's central offices and will be provided where qualified 2-wire facilities permit and where capacity is available. Calls outside the system will be subject to the usage rates shown in Part 4, Section 2 of this Tariff.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

b. Definitions

Basic Access Line/Basic Rate Interface (2B+D)

Two 64 kilobits per second (kbps) B channels and one 16 kbps D channel (2B+D).

B Channel

A 64 kbps portion of a Centrex line primarily used for information transfer (voice/data) from user to user.

Call Appearance

Relative to the central office equipment, each call is assigned a "Call Appearance" per Basic Access Line. Relative to the customer-provided equipment (CPE), a call appearance is a physical and visual representation (e.g., a button and lamps) that provides to the user the status of a particular call (i.e., incoming, active, or held call).

Closed User Group (CUG)

A private group of users that limits communications to members within the group. The CUG allows its members to transmit and receive calls, service type permitting, to and from other members within the CUG. The initial membership and its desired options are included in the basic group rate. Available options allowing group members to restrict communications include the following:

- Incoming Calls Barred
- Outgoing Calls Barred
- Incoming Access
- Outgoing Access

Closed User Group Member

A user who establishes membership in a closed user group facility. A user may be registered as a member in one or more closed user groups.

<u>Customer Provided Applications Processor</u>

A separate minicomputer (or microcomputer) system provided by the customer that is connected to the central office equipment via a specially provisioned Basic Access Line(s) to support a set of interactive features. The customer-provided processor may support Electronic Directory, Traffic Data, Station Message Detail Recording, Facilities Management Interfaces, and Message Service.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

b. Definitions (cont'd)

D Channel

A 16 kbps portion of a Centrex line primarily used for signaling messages and/or packetswitched user data.

Intercom Calling Line Identification

Allows display capabilities on intercom calls only, which may include calling party's name, calling directory number, call appearance ID, date and time.

Logical Channel

A virtual channel which enables one or more packet data calls to be active at any one time.

Permanent Virtual Circuit

Allows the user to send packet data to a single destination without undergoing call setup and call release procedures; the logical connection between the two users is always ready to transfer data.

Primary Number

The seven digit identifier or "primary" telephone number assigned to a single Basic Access line.

Screen Management

Management of call appearance features.

Station Equipment Indicator

Lamps or function keys that signal the status of a call or feature.

Throughput Class

The attainable data rate (bits per second) on virtual calls and permanent virtual circuits.

Window Size

The number of outgoing packets that may be sent before confirmation is received indicating that the previous packets have been received successfully.

X.25 Packet Mode Protocol

The screen interface specifications and X.25 network protocol recommended by the CCITT.

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By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd) (T)

- c. Regulations
 - 1. Provision of Service
 - a. ISDN Centrex options will be provided in conjunction with basic Centrex service as specified in this Tariff to configure a business telecommunications system. Such a configuration shall be referred to as a "Centrex System" in the following paragraphs of this Section.
 - b. Centrex customers who add ISDN Centrex options will be liable for Centrex termination (T) charges only in the event that they disconnect or decrease the number of lines in their Centrex System below the limit associated with their Centrex Variable Term Payment Plan (VTPP) contract prior to the expiration date of their original contract.
 - c. A variety of standard and optional features and capabilities are offered. The availability and functions of the features and capabilities may vary by serving central office.
 - Each Basic Access line utilizes two 64 Kbps "B" Channels and a 16 Kbps "D" Channel. A maximum of 8 services are permitted per Basic Access line including a maximum of two "B" Channel services. Individual ISDN Centrex services require the use of a Basic (T) Access Line/Basic Rate Interface. A directory number is provided with the use of a Basic Access Line for each "B" and "D" Channel service element.
 - d. Valid configurations of services are listed in the Basic Rate Interface Technical Reference. See Paragraph c.(3) following.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd) (T)

- c. Regulations (cont'd)
 - 2. Customer-provided Equipment Interface Specifications

All customer-provided equipment used to interface with ISDN Centrex is required to conform with the Technical Reference Specifications as used by the Company and found in Technical Reference:

Technical

<u>Subject</u> <u>Reference</u>

Basic Rate Interface AM-TR-OAT-000068

To order specific switch vendor technical documents contact: (T)

APEX Support Team (T)

(734) 523-7348 (T)

d. Service Description

The ISDN Centrex refers to the deployment of multiple channel telecommunication arrangements.

This arrangement consists of a single channel service of Electronic Key and optional Electronic key display features or High Speed Data with the addition of one or two of the following services.

- 1. Circuit Switched Voice
 - a. Capabilities and features as shown in the General Regulations, Description of Service in this section preceding, are provided as standard and are shared with the Circuit Switched Voice Service if so equipped.
- 2. Circuit Switched Data

The Circuit Switched Data Service Element provides the ability to originate and receive circuit switched data calls over a 64 kbps B channel. Data line speeds of 56 kbps and 64 kbps are permitted (See, Centrex Service - Optional Features on Centrex CO - High Speed Data Capability).

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

- d. Service Description
 - 3. Packet Switched Data D Channel
 - a. The Packet Switched D Channel Service Element provides the ability to originate and receive X.25 packet data calls at up to 9.6 Kbps over the 16 kbps D Channel that also transmits system signaling data.
 - b. The following capabilities and features are provided as standard in ISDN Centrex service: (T)
 - One logical channel
 - Flow control parameter negotiation (packet size and window selection)
 - Intercom dialing
 - Fast select initiation/acceptance
 - Reverse charge initiation/acceptance
 - Throughput class negotiation
 - c. The following capabilities and features are provided as optional:
 - Closed user group initial member
 - Closed user group additional member
 - · Permanent virtual circuit
 - 4. Packet Switch Data B Channel
 - a. The Packet Switched-B Channel Service Element provides up to 128 logical channels to originate and receive X.25 packet data calls over the 64 Kbps B Channel.
 - b. The following capabilities and features are provided as standard in ISDN Centrex service: (T)
 - up to 128 logical channels
 - flow control parameter negotiation (packet size and window selection)
 - intercom dialing
 - fast select initiation/acceptance
 - reverse charge initiation/acceptance
 - throughput class negotiation

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- d. Service Description
 - 4. Packet Switch Data B Channel
 - c. The following capabilities and features are provided as optional:
 - closed user group
 - closed user group member
 - permanent virtual circuit
- e. Service Interfaces

The following Service Interfaces require a specially provisioned Basic Access Line which can be used for multiple Service Interfaces. In some cases, based on the traffic volumes, additional specially provisioned Basic Access Lines may be required for the Service Interface(s).

- 1. Electronic Directory Interface
 - a. The Electronic Directory Interface (EDI) capability provides users and attendants with the ability to communicate with an electronic directory. This feature is available for all calls originated within the Centrex System. Electronic Directory Interface routes call information from the Company's central office to the customer-provided processor and associated electronic directory software.
 - b. Transport of the following is standard with Electronic Directory Interface and is provided to circuit switched voice equipped Basic Access Lines:
 - i. Calling Name Display permits the name and directory number of the Centrex calling party to be displayed for intra-system calls.
 - ii. Directory Query Display permits the EDI user with a station set display to query for a person's directory number within the electronic directory database.
 - iii. Automatic Calling permits the party associated with the information being displayed to be called during a directory query display session without dialing the destination directory number.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- e. Service Interfaces (cont'd)
 - 2. Traffic Data Interface
 - a. The Traffic Data Interface (TDI) provides traffic and trunk usage measurements pertaining to customer features and facilities. Individual measurements are collected every 30 minutes and sent to a customer-provided processor.
 - b. The TDI feature provides the following as standard:
 - i. Traffic Data to Customer Location

Traffic measurement data is provided for the following selected facilities and features:

- Attendant group
- · Attendant group queuing counts
- Automatic Route Selection pattern
- Individual Dialing Plan
- Modular queuing for Multiline Hunt Group
- Modular queuing for Simulated Facilities Group
- Modular queuing for trunks
- Multiline Hunt Groups
- Simulated Facility Groups
- Screen group
- Trunk group
- ii. Automatic circuit assurance
 - aa. Trunk scans
 - NUTS (non-usage trunk scan)
 - LUTS (locked-up trunk scan)
 - bb. Threshold Monitoring
 - Long holding time
 - Short holding time
 - Short holding time call count

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- e. Service Interfaces (cont'd)
 - 3. Message Service Interface
 - a. The Message Service Interface routes certain call related information to the customer's message center which is associated with a customer-provided processor. The call related information enables the message center attendant to answer calls on a personalized basis for each station user within the Centrex System.
 - The following call related information and station user message waiting indication is provided as standard:
 - The type of call completed to the message center being either a direct call or a forwarded call from another station within the Centrex System.
 - The intra system number that was originally called.
 - The message center number where the call has been sent.
 - The message center attendant station where the call has been sent.
 - The types of forwarding used:
 - Call Forwarding Variable
 - Call Forwarding Busy Line
 - Call Forwarding Don't Answer
 - The number of the calling station if the call originated within the same Centrex System.
 - The type of message waiting indication (either audible stutter dial tone and/or visual lamp) to be activated/deactivated for each user station served by the message center.
 - How the call related information is ultimately displayed or used depends upon the customer-provided processor or any other equipment.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- e. Service Interfaces (cont'd)
 - 3. Message Service Interface
 - c. Transport of the following is optional to the customer's message center which is associated with a customer-provided processor:
 - Leave word calling in which a message is sent to the customer- provided processor and the processor leaves a message from the calling party to a called party.
 - Message retrieval display provides the message center users equipped with a station set display the ability to directly retrieve their messages.
 - Printout on demand permits message center users to request a printout of all their undelivered messages to a preassigned printer.
 - Automatic calling permits a message center user to place a call to the party associated with the message being displayed without dialing the destination directory number.
 - 4. Message Detail Recording Interface
 - a. The Message Detail Recording Interface (MDRI) as specified in (b) following, provides call detail information on those circuit switched voice calls originated within the Centrex System. The MDRI provides the customer-provided processor with detailed call records in real time. MDRI is not represented to be a provision of billing detail.
 - b. Information on the following services and features is provided as standard:
 - Automatic Route Selection
 - · Foreign Exchange and Foreign Central Office
 - Wide Area Telecommunication Service
 - Common Control Switching Equipment
 - Electronic Tandem Switching
 - Measured Telephone Service

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CENTREX SERVICE (cont'd) 5.

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- e. Service Interfaces (cont'd)
 - 4. Message Detail Recording Interface (cont'd)
 - Information on the following services and features is provided as standard: (cont'd) b.
 - i. Individual call detail information provided on calls placed or received over the customer private network and placed over the public network includes:
 - Length
 - Message type
 - Elapsed time
 - Answered time
 - Disconnect time
 - Date of call
 - Calling number
 - Called number
 - Authorization code
 - Account code
 - Access code
 - ii. MDRI Counts Record is provided as a summary record that is generated once a day and includes the following measurements specific to MDRI records:
 - Message type
 - Date of record
 - Time of day
 - Generated record count
 - Lost record count
 - 5. Facilities Management Interface
 - The Facilities Management Interface (FMI) provides administrative control of the customer's private telecommunications facilities via a customer-provided processor. This feature permits the customer to verify, add, delete or change specific parameters.

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5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- e. Service Interfaces (cont'd)
 - 5. Facilities Management Interface (cont'd)
 - b. FMI can be used in conjunction with the following features and capabilities which are standard:
 - Automatic Route Selection
 - Facility Group Queuing
 - Authorization Codes
 - Automatic Circuit Assurance
 - Traffic Data Systems
 - Message Detail Recording
 - Account Codes

Rates and Charges

General

ISDN Centrex includes rates and charges for the following:

(T)

- Centrex System Line (basic Centrex services providing the first B Channel combined (T) with ISDN Centrex) for each Exchange Termination.
- Data Facilities Pooling, which provides the ability to transmit data to and from non-ISDN architecture destinations via Central Office Based Service or Customer Premises Based Service data facility pooling (see Centrex Service-Optional Features on Centrex CO High Speed Data Capability).
- Service Interfaces, which provide the ability to manage and administer customer compatible screen equipment, route certain call related data, communicate with an electronic directory, traffic and trunk measurements, call detail information on originated circuit switched voice calls or administrative control of the customer's private telecommunications facilities as specified in e. preceding.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- f. Rates and Charges (cont'd)
 - 2. Service Elements and Optional Features Multiple Channel

In addition to basic Centrex service rates, the following rates and charges apply:

a. Multiple Channel Service Establishment Charge (S.E.C.)

A one-time Service Establishment Charge applies when Multiple Channel Service, consisting of (b) Circuit Switched Voice, (c) Circuit Switched Data, or (d) Packet Switched Data following or any combination thereof is initially installed.

						Establ	rvice ishment arge
	i.	Multiple Channel Service Est per Centrex system)	ablishment C	harge (one	charge	\$600	.00
			Non- recurring		able Term O Monthly Rate	•	
b.	Ele wit	ecuit Switched Voice Service ement (Voice/ Electronic Key h intercom capability - cond B channel) per annel:	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
	i.	Centrex CO 100	\$25.00	\$4.70	\$4.50	\$4.30	LTH5X
	ii.	Centrex CO Type II Including Zone	25.00	4.70	4.50	4.30	LTH5X
C.	Ele	cuit Switched Data Service ement (High Speed data line h intercom capability - second channel) per channel	25.00	9.00	8.50	8.00	LTH6X

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5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- f. Rates and Charges (cont'd)
 - 2. Service Elements and Optional Features Multiple Channel (cont'd)

	Non- recurring		able Term O Monthly Rat	•	
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
d. Packet Switched Data S Element (Intra-system F Switched data at 9.6 Kb intercom capability) - D	Packet ps with				
 i. Standard capabilities features on the D cl as described in d.(3 preceding, per Prim channel terminal 	nannel,)(b)	\$6.50	\$6.00	\$5.75	LTQ4X
ii. Secondary terminal same D channeliii. Optional capabilities					
features	20.00	6.50	6.00	5.75	LTG4X
aa. Closed user grou	p -	-	-	-	LDJ
bb. Closed user grou member	p -	1.00	1.00	1.00	LGJ
cc. Permanent virtua per terminal	circuit,	1.50	1.50	1.50	LDV

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CENTREX SERVICE (cont'd) 5.

D. Optional Features on Centrex CO (cont'd)

ISDN Centrex (cont'd) 51.

(T)

- f. Rates and Charges (cont'd)
 - 2. Service Elements and Optional Features - Multiple Channel (cont'd)

			Non- recurring		ble Term C Jonthly Rat	•	
			Charge	1 Mo.	36 Mo.	60 Mo.	USOC
e.	Ele Sw	cket Switched Data Service ement (Intra-system Packet ritched data at 64 Kbps - B annel	•				
	i.	Standard capabilities and features on the B Channel, as described in d.(4)(b) preceding, per B Channel terminal	\$100.00	\$87.00	\$82.00	\$77.00	LTQ3X
i	i.	Optional capabilities and features	-	-	-	-	GXM
	aa	a. closed user group	-	1.00	1.00	1.00	GXW
	bk	o. closed user group member	-	1.00	1.00	1.00	GXP
	CC	c. permanent virtual circuit					

Service Interface 3.

Specially provisioned Basic Access Line(s) for connection to the following Interface Services from the Company's central office to the customer provided processor is required: Electronic Directory, Traffic Data, Message Service, Message Detail Recording, and Facilities Management.

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd)

(T)

- f. Rates and Charges (cont'd)
 - 3. Service Interface (cont'd)

		Non- recurring Charge	Vai 1 Mo.	riable Term Opti Monthly Rate 36 Mo.	on 60 Mo.	USOC
a.	(con't)					
	Per specially provisioned Basic Access Line					
	Per line	\$ 129.00	\$ 31.00	\$ 27.00	\$ 25.00	LSN1X
	Per occasion	42.00	-	-	-	
	i. Message Service Interface					
	aa. Standard capabilities and features as described in e.(3)(b) preceding	3,000.00	296.00	237.00	160.00	M15
	Per number of lines in Centrex System					
	1 - 250 lines	-	116.00	93.00	65.00	M151X
	251 - 500 lines	-	232.00	186.00	130.00	M152X
	501 - 1000 lines	-	464.00	372.00	260.00	M153X
	1001 - 2000 lines	-	928.00	744.00	520.00	M154X
	2001 - 4000 lines	-	1,856.00	1,488.00	1,040.00	M155X
	4001 and above	-	3,712.00	2,976.00	2,080.00	M156X

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5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd) (T)

- f. Rates and Charges (cont'd)
 - 3. Service Interface (cont'd)
 - (cont'd)

Non-	Va	riable Term O			
recurring		Monthly Rate			
Charge	1 Mo.	36 Mo.	60 Mo.	USOC	

- Message Service Interface (cont'd)
 - bb. Optional capabilities and features as described in e.(3)(c) preceding

Per number of lines in Centrex System

1 - 250 lines	-	\$ 21.50	\$ 18.75	\$ 17.00	M161X
251 - 500 lines	-	42.00	37.00	34.00	M162X
501 - 1000 lines	-	84.00	74.00	68.00	M163X
1001 - 2000 lines	-	169.00	149.00	135.00	M164X
2001 - 4000 lines	-	338.00	298.00	270.00	M165X
4001 and above	-	676.00	596.00	540.00	M166X

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5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd) (T)

- Rates and Charges (cont'd) f.
 - 3. Service Interface (cont'd)
 - (cont'd)

		11011	Vai	abic roini opt	1011	
		recurring		Monthly Rate		
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC
ii.	Electronic Directory Interface					
	Standard capabilities and features as described in e.(1)(b) preceding	\$1,000.00	\$ 88.00	\$ 71.00	\$ 27.00	EDT
	Per number of Centrex lines equipped					
	1 - 250 lines	225.00	45.00	36.00	27.00	EDT1X
25	1 - 500 lines	225.00	90.00	72.00	54.00	EDT2X
50	1 - 1000 lines	225.00	179.00	143.00	108.00	EDT3X
	1 - 2000 lines	225.00	358.00	286.00	216.00	EDT4X
	1 - 4000 lines	225.00	716.00	572.00	432.00	EDT5X
	1 and above	225.00	1,432.00	1,144.00	864.00	EDT6X
-100	i dila above	220.00	1,402.00	1,144.00	004.00	רסוסא

Variable Term Option

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5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

51. ISDN Centrex (cont'd) (T)

- f. Rates and Charges (cont'd)
 - 3. Service Interface (cont'd)
 - (cont'd)

		Non- recurring	Vai	riable Term C Monthly Rat	•	
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC
iii.	Message Detail Recording Data Interface					
	Standard capabilities and features as described in e.(4)(b) preceding					
	Per number of Centrex lines equipped					
	1 - 250 lines 251 - 500 lines 501 - 1000 lines 1001 - 2000 lines 2001 - 4000 lines 4001 and above	\$450.00 450.00 450.00 450.00 450.00 450.00	\$ 25.00 50.00 100.00 200.00 400.00 800.00	\$ 22.00 44.00 88.00 176.00 352.00 704.00	\$ 20.00 40.00 80.00 160.00 320.00 640.00	MR51X MR52X MR53X MR54X MR55X MR56X
iv.	Standard capabilities and features as described in e.(2)(b)(i)					
	preceding, per Centrex System	600.00	25.00	22.00	20.00	TDF

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5. CENTREX SERVICE (cont'd)

D	Optional Features on Centrex CO	(cont'd)
υ.	Optional i catules on Centlex CO	(COIIL G

51. ISDN Centrex (cont'd)	(T))
---------------------------	-----	---

- f. Rates and Charges (cont'd)
 - 3. Service Interface (cont'd)
 - a. (cont'd)

		Non- recurring Charge		able Term Op Monthly Rate 36 Mo.	otion 60 Mo.	USOC
		Onlargo	1 1010.	00 1110.	00 100.	
v.	Facilities Management Interface					
	Standard capabilities and features as described in e.(5)(b) preceding, per Centrex System	\$700.00	\$50.00	\$44.00	\$40.00	ARA

g. Change Charges

1. The following charges apply when there is a change to the ISDN Centrex service components subsequent to the initial installation of those components.

	Change Charge
a. Service Elements and Optional Features	
i. Circuit Switched Voice service element:	
aa. per channel	400.00
bb. per occasion	\$60.00
ii. Circuit Switched Data service element:	95.00
aa. per channel	60.00
bb. per occasion	95.00

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5. CENTREX SERVICE (cont'd)

D. Optional Features on Centrex CO (cont'd)

51.	ISDN Centrex ((cont'd)	(T)
-----	----------------	----------	----	---

Change Charges (cont'd)

(cont'd)

a. Service Elements and Optional Features	
·	Change Charge
iii. Packet Switched Data service element:	
aa. per channel	\$ 60.00
bb. per occasion	95.00
iv. Optional Capabilities and features:	
per line, per occasion as follows	21.50
Closed User group	
Permanent Virtual circuit	
Fast Select Acceptance	
b. Service Interfaces	
i. Specially provisioned Basic Access Line	
aa. per line	37.50
bb. per occasion	23.00

Electronic directory Per number of Centrex lines

1 - 250 lines	105.00
251 - 500 lines	105.00
501 - 1000 lines	105.00
1001 - 2000 lines	105.00
2001 - 4000 lines	105.00
4001 and above	105.00

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ii.

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5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

51.	ISDN Centrex (cont'd)	(T)

- Change Charges (cont'd)
 - (cont'd)
 - Service Interfaces b.

		Change	
		Charge	
iii.	Specially provisioned Basic Access Line		
	Per number of Centrex lines		
	1 - 250 lines	\$ 21.00	
	251 - 500 lines	21.00	
	501 - 1000 lines	21.00	
	1001 - 2000 lines	21.00	
	2001 - 4000 lines	21.00	
	4001 and above	21.00	
iv.	Traffic Data		
	per Centrex System	42.00	
٧.	Facilities Management		
	per Centrex System	21.00	
C.	Common Block		
	 ISDN Centrex feature dial access code (introduction/change) including those on electronic key feature button 		(T)
	- Electronic key (introduction/change) of configuration group		
	per occasion		
	·	175.00	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 181 Cancels Original Sheet 181

5. **CENTREX SERVICE (cont'd)**

D. Optional Features on Centrex CO (cont'd)

- 57. Call-Back Queuing (CBQ)
 - Provides a station user encountering an all-trunk busy condition the option of being notified when a trunk becomes idle and then being automatically connected to the called number using the CBQ feature.

The CBQ feature includes the following enhancement:

CBQ Option One - denies a call the ability to search the expensive-route set.

- A line cannot activate CBQ unless it has the Automatic Callback feature.
- Rates and Charges

Ü	Non- recurring		Variable Term Option Monthly Rate		
	Charge	1 Mo.	36 Mo.	60 Mo.	USOC
Call-Back Queuing, per system	\$200.00	\$9.40	\$8.60	\$7.80	QRCPS

- **Authorization Code** 58.
 - Authorization Codes are used to identify callers for billing purposes and to control network access.
 - Station-Specific Authorization Codes, an option of the Authorization Codes feature, allows an authorization code to be assigned to a single station. Class of service restrictions on a station are overridden only after the authorization code is checked against the station from (T) which it as dialed.

Rates and Charges b.

	•	Non- recurring	Variable Term Option Monthly Rate		•		
		Charge	1 Mo.	36 Mo.	60 Mo.	USOC	
1.	Authorization code, per 25 codes or fraction thereof	\$80.00	\$1.20	\$1.10	\$1.00	ANVPG	
2.	Station-specific authorization code, per line	2.00	1.20	1.10	1.00	ANV	(N)

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CENTREX SERVICE (cont'd) 5.

Miscellaneous Service Arrangements (cont'd)

Special Station Restrictions (cont'd)

		Variable Term Option Monthly			
			Rate		Termination
		1 Mo.	36 Mo.	60 Mo.	Liability
b.	Other than Toll Restriction				
	A special restriction (i.e., any deviation from the standard station operation as described in this section for non-restricted, semi-restricted, restricted and dormitory types of stations) may be furnished, where facilities permit, at the following rate: Special restriction for one or more per				
	station type	\$62.30	\$62.30	\$62.30	-

Variable Torm Ontion Monthly

Conference Equipment

Manual type conference equipment for use at Centrex cord switchboard attendant positions is provided by customer.

۲	onded by eddication.	Non- recurring	Variable	Term Optio Rate	n Monthly	Termina-tion
		Charge	1 Mo.	36 Mo.	60 Mo.	Liability
b.	Key console attendant controlled dial conference equipment for the simultaneous interconnection of up to 5 lines (central office or tie lines and station lines).	\$147.65	\$62.30	\$62.30	\$62.30	\$512.20

- Interposition Circuits are provided by customer. 3.
- Add-On Conference is provided by customer. 4.
- 5. Special Recording Trunk Lines

Special recording trunk lines will be provided in connection with Centrex systems furnished to transient hotels and motels, hospitals and university dormitories subject to the rates in Part 4, Section 5 of this Tariff.

(T)

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5. CENTREX SERVICE (cont'd)

H. Miscellaneous Service Arrangements (cont'd)

- 6. Control Arrangements
 - Arrangement to permit WATS and FX lines to be transferred from manual control by a cord switchboard attendant to dial access by non-restricted stations of a Centrex CO system:

	Non- recurring		able Term (Monthly Ra	•	
	Charge	1 Mo.	36 Mo.	60 Mo.	
Transfer arrangement including common control equipment, one required per WATS or FX line to be transferred	\$165.00	\$21.90	\$21.90	\$21.90	-
 The following channels are required in addition to the transfer arrangement: a. Type 2001 channel (2) 					
One Type 2001 channel to divert the station user to the attendant and one Type 2001 channel to give the attendant manual access to the WATS or FX					
terminal, at the rates and charges specified in Part 15, Section 2 of this Tariff. b. Type 1001 channel (1) One Type 1001					(T)
channel used for control, at the rates and charges specified in Part 15, Section 2 of this Tariff					(T)
 b. Arrangement to permit a key console attendant to deny stations of the system direct dialing access to special services such as, but not necessarily limited to, tie lines, foreign exchange service lines and WATS access lines: 1. Control equipment, including automatic advance of station dialed calls to attendant or busy tone, per group of lines 					
individually controlled	220.35	53.05	53.05	53.05	

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CENTREX SERVICE (cont'd) 5.

H. Miscellaneous Service Arrangements (cont'd)

- Control Arrangements (cont'd) 6.
 - b. (cont'd)
 - Control keys are customer provided 2.
 - 3. Control channel, per control key

For rates and charges, see Type 1001 channels in Part 15, Section 2 of this Tariff.

- Individual Station Make Busy Arrangement
 - An arrangement of equipment which will permit a customer to establish an artificial busy condition on a Centrex station line during emergencies, off-hours, etc. When the stations involved are arranged for rotary service, at least one station of the rotary group must be excluded from the arrangement.
 - Station make busy arrangements consist of central office equipment, control channels, and control keys with guard lamps located on the customer's premises. One control key and guard lamp is required for each station or group of stations separately controlled.
 - Rates and Charges

		Variable Term Option Monthly Rate			
		1Mo.	36 Mo.	60 Mo.	
1.	Station make busy equipment per Centrex station	\$4.95	\$4.95	\$4.95	

- Control keys and guard lamps are provided by the customer. 2.
- 3. Control channel, per customer's control key

For rates and charges, see Type 1001 channels in Part 15, Section 2 of this Tariff. (T)

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5. **CENTREX SERVICE (cont'd)**

H. Miscellaneous Service Arrangements (cont'd)

10. Message Register Equipment

> Message register equipment to permit the customer to request data on completed local calls for specific station lines of the system from Company central office equipment, and to receive that (T) data in the form of a temporary visual display and, optionally, as a printed readout, will be provided with Centrex CO systems, where facilities permit, at the following rates and charges:

> > Non-Variable Term Option recurring Monthly Rate 36 Mo. Charge 1 Mo. 60 Mo.

- Call and program storage equipment is provided by the customer.
- Each 100 Centrex station lines, or fraction thereof, arranged for message registration
- Consoles and printers are furnished by C. customer.

\$27.10 \$27.10 \$27.10

- Special Intercept Service (SIS) 11.
 - Description a.

Special Intercept Service (SIS) provides an additional announcement intercept other than nonworking station announcement and reference to listed directory number.

SIS on disconnected Centrex station lines, provides a reference of calls to another number via an automatic intercept system.

- b. Regulations
 - SIS will be provided subject to the availability of telecommunication facilities and AIS equipment.
 - Arrangements for the service are made with the understanding that the customer assumes all risk in connection therewith and that no liability attaches to the Company by reason of failure to complete any call.
 - 3. SIS is furnished subject to receipt of a customer's request in sufficient time to permit the Company to effect the necessary arrangements.

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5. CENTREX SERVICE (cont'd)

I. Centrex Station Terminals

1. Description of Service

Centrex station terminals are furnished for connection to customer-provided systems comparable to a key equipment or key telephone system under the provisions of Part 2, Section 9 of this Tariff, subject to the following:

- a. The Centrex station features described in A. preceding are also offered in connection with Centrex station terminals.
- b. Centrex station terminals may be arranged for non-restricted, semi-restricted or restricted operation.
- c. Non-restricted and semi-restricted Centrex station terminals may have access to all tie lines, interexchange private lines, FX service and WATS access lines provided for the system.
- d. Centrex station terminals will be provided with Centrex CU and CO, Type I and Type II and 100 systems.
- e. Customer-provided PBX systems will be connected to Centrex service under the provisions of E., Tie lines, in lieu of this Paragraph I.

2. Monthly Rates

a. The following monthly rate applies to all Centrex station terminals for which a Company-provided protective connecting arrangement, customer-provided equipment or customer-provided protective circuitry is furnished for customer-provided communications systems, whether or not such customer-provided systems are actually connected thereto.

Monthly Rate

(T)

Centrex station terminal

\$49.60

b. The monthly rate set forth in a. above includes the provisions of a circuit between the Primary location's serving central office and a customer location which is in the basic serving area. When the customer location is in different central office area than is the Primary location's serving central office, a circuit rate applies per terminal.

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5. CENTREX SERVICE (cont'd)

J. Centrex Arrangements for U.S. Government-Owned Communication Systems Serving Certified Military Bases

Subject to the regulations set forth in Part 2, Section 9 of this Tariff, Centrex arrangements, associated with PBX trunk lines arranged for dialing access to stations of the military system, when such stations are so arranged, are furnished at the following rate, in addition to the rates and charges applicable for the PBX trunk lines furnished such military system:

Each Centrex arrangement, associated with a PBX trunk line arranged for dialing access to stations of a military system, when such stations are so arranged

Monthly Rate

Monthly Rate

\$46.15

K. Electronic Tandem Switching (ETS) Features

1. General

ETS features are Centrex optional features which are provided only in association with Centrex CO Service furnished from No. 1 Electronic Switching System (ESS) central office equipment, subject to the availability of facilities.

2. ETS Features

Except as specified in c. following, ETS is comprised of 2 basic features (Automatic Route Selection-Deluxe and Facilities Restriction Levels) and certain optional features as described in b. following.

a. Basic Features

- Automatic Route Selection-Deluxe (ARS-D)-Provides automatic routing of outgoing calls over alternative facilities based on the call destination. Available with ARS-D are the following option:
 - a. Time of Day Routing permits selection of first choice and alternate routes for ARS-D routed calls to vary depending on which of up to three sets of ARS-D routing patterns (called Pattern Groups) is in effect.
 - b. More Expensive Route applies a distinctive tone to the line when the more expensive route within a pattern is selected.

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5. CENTREX SERVICE (cont'd)

K. Electronic Tandem Switching (ETS) Features (cont'd)

- 2. ETS Features (cont'd)
 - a. Basic Features (cont'd)
 - 2. Facilities Restriction Levels (FRL's) FRL determines both the types of calls and types of facilities permitted within the calling privileges of the associated Centrex or PBX user. When Uniform Numbering/Automatic Alternate Routing is provided with FRL, a Traveling Class Mark (TCM) is transmitted to the distant PBX and permits determination like capability. FRL options include:
 - Authorization Codes An FRL option which permits a station user to dial a code which overrides the FRL.
 - Controlled Alternate Facilities Restriction Levels FRL's collectively upgraded or downgraded to a predetermined alternative set of FRL's.

b. Optional Features

- Deluxe Queuing Permits station users to be placed in a queue whenever all routes for completing a particular call are busy.
- Station Message Detail Recording to Premises (SMDR-P) Provides a record, on magnetic tape equipment located at the customer's premises, of calls origination from Centrex station lines to locations outside the same Centrex System.
 - Account codes An SMDR-P option which permits a station user to dial a series of digits (code) which will appear in the SMDR-P record for that particular call. The Account Code can be used by the customer for account or project identification.
- Uniform Numbering/Automatic Alternate Routing (UN/AAR) Provides automatic routing of calls between customer locations interconnected by tie lines ("on-net" calling). Options available under UN/AAR include:
 - Automatic Alternate Routing Provides for automatic selection of specified UN/AAR routes between customer locations when first-choice (primary) tie line routes are busy.
 - Automatic Overflow to DDD Permits completion of UN/AAR calls via the exchange network when all primary and alternate tie line routes are busy.

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Original Sheet 197.1 (T)

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 2. ETS Features (cont'd)
 - c. Customer Administration and Control Feature

The Customer Administration and Control Feature is available with ETS in conjunction with a Customer Administration Center (CAC) and/or a local Customer Administration Terminal (LCAT) operated at 300 baud, e.g., Dataspeed 40 or 43 Teleprinter. Customer Administration and Control is comprised of either or both of the following:

- 1. Facilities Administration and Control Provides capability for the customer to administer the assignment of parameters which determine user calling privileges.
- 2. Traffic Data to Customer Provides reports to customer (via CAC and/or LCAT) containing various traffic measurements relating to specified trunk groups and queues.

Facility assurance reports may be provided with the Customer Administration and Control Feature at the request of the customer. Such reports specify those trunks which have not been seized during a specified period or have been constantly off-hook during the same period.

3. Rates and Charges

a. Automatic Route Selection Deluxe

		Service			Option	
		Establishmen	t Nonrecurring		Monthly Rat	e
		Charge*	Charge	1Mo.	36 Mo.	60 Mo.
1.	Access code common equipment, each code	\$4,335.40	\$1,753.55	\$593.00	\$593.00	\$593.00
2.	Route selection patterns					
a.	Facilities terminated in pattern(s), each	-	-	6.35	6.35	6.35
b.	Numbering Plan Area code only, each pattern	-	53.05	9.90	9.90	9.90

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Original Sheet 197.2 (T)

5. **CENTREX SERVICE (cont'd)**

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - Rates and Charges (cont'd) 3.
 - Automatic Route Selection Deluxe (cont'd) a.

		Service Establishment	Nonrecurring	Vari	iable Term O _l Monthly Rate	
		Charge*	Charge	1Mo.	36 Mo.	60 Mo.
2.	Route selection patterns (cont'd)					
C.	Numbering Plan Area and central office codes, each pattern	-	\$226.10	\$29.40	\$29.40	\$29.40
d.	Tie lines terminated in ARS-D pattern(s), each (in addition, tie line terminals at rates and charges specified in F. preceding are required.)	-	-	6.25	6.25	6.25
			Nonrecurr		ariable Term Monthly R	•
			Charge	•	•	
	rrangements for addition or Time of Day routing, ea		\$471.85	\$55.4	0 \$55.40	\$55.40
4. A	dditions and Changes					
a.	Additions, deletions or classociated FRL's, or Mo Route tone application in patterns, each pattern	re Expensive	53.05	-	-	-
b.	Additions or changes in Area or central office co- code in each Pattern Gre	de routing, each	43.85	-	-	-

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Original Sheet 197.3 (T)

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - a. Automatic Route Selection Deluxe (cont'd)

	Nonrecurring	Variable Term Option Monthly Rate		•
	Charge	1 Mo.	36 Mo.	60 Mo.
4. Additions and Changes (cont'd)				
 Additions, deletions or changes in Time or Day Routing intervals, each 	f \$68.05	-	-	-

d. No charge for additions or deletions of facilities from an existing route.

5. ARS Design Recommendation

At the request of the customer and where facilities permit, the Company will provide an ARS design recommendation based upon the traffic data available and configured utilizing Company traffic engineering principles. The charges shown below for this service apply per occasion and include provision of the data to the customer in Company printed copy format. (T) Because the recommended design provided to the customer is dependent upon the data available and the assumptions used, the Company cannot and does not guarantee optimum cost performance. After receiving the Company's recommendation, the ARS design to be implemented is the responsibility of the customer.

		Nonrecurring Charge
a.	Tape Summarization Procedure Per occasion:	
	- 1st 10,000 calls or fraction thereof processed	\$1,800.00
	- Each additional 1,000 calls or fraction thereof processed	55.00
b.	Manual Input Procedure Per occasion:	
	- 1st 10,000 calls or fraction thereof processed	1,600.00
	- Each additional 1,000 calls or fraction thereof processed.	33.00

- * This charge is applicable when the tape summary module of the Traffic Engineering for ARS (TEARS) program is used to provide tape summarization of the customer's traffic.
- ** This charge is applicable when summarized data is available and input manually into an ARS engineering module of the TEARS program.

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Original Sheet 197.4 (T)

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - b. Facilities Restriction Levels

			Establishment Nonrecurring		Variable Term Option Monthly Rate		
		Charge*	Charge	1Mo.	36 Mo.	60 Mo.	
1.	Centrex station or incoming or two-way tie line terminations, each	-	\$ 4.20	\$.40	\$.40	\$.40	
2.	Authorization Codes						
a.	Common equipment	\$8,322.45	940.20	817.95	817.95	817.95	
b.	Authorization Codes each 100 codes or fraction thereof	-	41.55	13.00	13.00	13.00	
C.	Facilities terminated in ARS-D or UN/A/R patter(s), each	-	-	6.00	6.00	6.00	
3.	Changes						
a.	Changes in FRL station or tie line terminations, each	-	2.90	-	-	-	
b.	Change in Authorization Code and/or associated FRL, each	-	2.70	-	-	-	
c. D	Peluxe Queuing						
1.	Common equipment	2,251.90	401.50	302.25	302.25	302.25	
2.	Queue, facility groups equipped, each	-	144.20	4.85	4.85	4.85	

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5. **CENTREX SERVICE (cont'd)**

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - Deluxe Queuing (cont'd) C.

		Service Establishment l	Nonrecurring		ole Term Op lonthly Rate	
3.	Queue slots	Charge*	Charge	1Mo.	36 Mo.	60 Mo.
0.	Quede siolo	Onlarge	Onlarge	TIVIO.	00 WO.	00 1010.
a.	Ring-back queue slots, each	-	-	\$ 30.00	\$ 30.00	\$ 30.00
b.	Recorded announcement					
i. ii.	Common equipment, each Off-hook queue slots,	-	\$72.00	146.50	146.50	146.50
	each.	-	-	45.00	45.00	45.00
			Non- recurring		able Term (Monthly Ra	
C.	Music on queue		Charge	1 Mo.	36 Mo.	60 Mo.
i. ii.	Common equipment, each Off-hook queue slots, each		\$72.70 -	\$215.75 43.85	\$215.75 43.85	\$215.75 43.85
	Connecting channel between central office common equi	pment and the				
	music source on the custor Changes	ners premises				ecurring narge
a.	Change from ring-back queue	eue to off-hook qu	ieue or vice ve	ersa, each		2.30
b.	Change in the quantity of c	queue slots, each	queue		6	2.30
C.	Change in queue threshold	d time limit, each o	queue		6	2.30
d.	Change in recorded annou	incement			6	2.30
e.	Change in post-queue rout versa, each queue	ting from subsequ	ent routes to to	one or vice	6	2.30

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Original Sheet 197.6 (T)

5. CENTREX SERVICE (cont'd)

- K. Electronic Tandem Switching (ETS) Features (cont'd)
 - 3. Rates and Charges (cont'd)
 - d. Station Message Detail Recording to Premises

			Variable Term Option		
		Nonrecurring	N	Monthly Rate	
		Charge	1 Mo.	36 Mo.	60 Mo.
1.	Central office equipment				
a.	Common equipment	\$900.00	\$300.00	\$300.00	\$300.00
	Data sets (200 Series) are provided by the customer.				
b.	Facilities terminated in ARS-D or UN/AAR patterns when the system is equipped for originating records, each	20.00	2.50	2.50	2.50
C.	Tie line facilities equipped for terminating records, each	20.00	2.50	2.50	2.50

- 2. Premises equipment is provided by customer.
- 3. Data channels required between serving central office common equipment and data set on customer's premises.

For rates and charges see Type 3002 Channels in Part 15, Section 2 of the Ameritech Tariff.

4. Additions and Changes

		Nonrecurring Charge
a.	Account Codes-change in number of account code digits, each system	\$38.10
b.	SMDR-P records-change from recording completed calls only to all calls attempted, or vice versa, each system	38.10
C.	Change in status of all station lines in #1ESS customer group or individual facility from "records-not required" to "records-required",	
	each system	5.10

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5. CENTREX SERVICE (cont'd)

K. Electronic Tandem Switching (ETS) Features (cont'd)

- 3. Rates and Charges (cont'd)
 - e. Uniform Numbering/Automatic Alternate Routing

		Service Establish- Ment Charge*	Non recurri Charç	ing	Var 1Mo.	iable Te Monthly 36 M	/ Rate	on 60 Mo.	
1.	Common equipment	\$7,885.20	\$2,516.1	_	,299.00	\$1,29		\$1,299.00	-
2.	Route selection patterns								
а	. UN/AAR Patterns, each	-	53	.05	9.90		9.90	9.90	
b.	Tie lines terminated in U	JN/AAR pattern(s)	l						
	For rate, see a-(2)-(c specified in F. preced	ding are require	d. _	, tie line to Non- recurrir Charge	ng	Variabl Mo	and char e Term onthly Ra 36 Mo.	Option	_
C.	Facilities for Automateach (In addition, PBX truit specified in Part 4, Stor the exchange are required.)	nk line(s) at the ection 2 of this	rates	\$13.85	\$85	5.35	\$85.35	\$85.35	(T)
3. A	additions and Changes	8							
a.	Additions, deletions or associated FRL's each pattern	•							
b.	Additions or changes location code routing			53.05		-	-	-	
C.	No charge for addition facilities from an exist		of	68.05		-	-	-	-

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By Connie Browning, President, Cleveland, Ohio

3.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 200 Cancels Original Sheet 200

5. **CENTREX SERVICE (cont'd)**

K. Electronic Tandem Switching (ETS) Features (cont'd)

- 3. Rates and Charges (cont'd)
 - f. Customer Administration and Control Feature (cont'd)
 - 1. Central office equipment (cont'd)
 - Data set (200 Series) is provided by the customer b.

One individual non-residence line, at the rate specified in Part 4, Section 2 of this Tariff, is (T) required for the customer's data set.

2. **Premises Equipment**

> An administration terminal must be provided by the customer. One individual nonresidence line, at the rate specified in Part 4, Section 2 of this Tariff, is required with the customer's administration terminal.

(T)

L. **Prices**

1. Service Elements

Effective June 21, 2002, 84-Month Term Payment Plans will no longer be available for PRI Connection Service. Current PRI Connection customers may continue to retain their existing service as is at their current address until the 84-month contract term expires. Any customer requested changes to the existing Service will require the customer to select a new contract term payment plan or the month-to-month option at the then current tariff rates. The Company (T) will not impose termination liability to those customers required to make a contract term change.

Upon completion of the 84-month TPP term, customers may continue receiving the Service at the then-current rates under any available payment plan. If the customer does not select a new payment plan and does not request discontinuance of the Service, the month-to-month tariff rates in effect at such time will automatically apply.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 202 Cancels Original Sheet 202

6. EXHIBITION HALL SERVICE

All Exhibition Hall Service customers, whether or not under contract, may retain or expand their Exhibition Hall systems until December 31, 1996 or until the expiration of their contract, whichever is later.

A. General

- Exhibition Hall Service will be furnished to a public authority for the sole purpose of providing a
 telephone system for use in the managing and operating of a public auditorium or exhibition hall.
 The Company will also furnish stations on such telephone system to exhibitors who lease space (T)
 in the public auditorium or exhibition hall. Exhibition Hall Service is an arrangement of switching
 equipment and other facilities providing for:
 - a. Inward dialing incoming calls from outside the exhibition hall system may be made to non-restricted stations of the system, without the aid of the attendant, by dialing the number of the exhibition Hall system station.
 - b. Outward dialing non-restricted stations of the system having full outward dialing privileges may dial outgoing local calls and message toll telephone service calls to dialable points.
 - Identification of individual non-restricted stations on outward message toll telephone service calls.
 - d. Dial intercommunication between all stations connected to the system.
 - e. Attendant services including:
 - Completion of calls coming into the telephone number associated with the primary listing to non-restricted Exhibition Hall system stations.
 - (2) Transfer to incoming calls from outside the system from one non-restricted station to another by the attendant.
 - (3) Arrangements whereby calls to the telephone number associated with the primary listing coming in at night when the attendant position is unattended, can be answered at designated Management stations.
 - (4) Interception of calls to non-working stations of the system.
 - f. Mechanical interception of calls to non-working stations of the system in lieu of attendant interception.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 203 Cancels Original Sheet 203

6. EXHIBITION HALL SERVICE (cont'd)

A. General

- 2. Exhibition Hall Service is served by switching equipment located on Company premises and is (T) limited to the 523 central office of the Cleveland Exchange Area.
- 3. Description of Terms Used in this Section
 - a. Public Authority

An organization authoritatively serving or representing the public, such as a municipality, state, governmental agency or commission.

b. Management

A customer, i.e., a public authority, engaged in the managing and operating of a public auditorium or exhibition hall used for trade shows, conventions, public exhibitions, etc.

c. Exhibitor

A person, corporation, association, etc., who leases space from the Management during trade shows, conventions, public exhibitions, etc., on a short term basis, usually not to exceed thirty days.

d. Exhibition Location

A continuous property location of the Management customer which is occupied by the Management and from time to time by Exhibitors.

- e. Exhibition Hall System Stations
 - (1) Management Restricted Station

A main station having intra-system dialing privileges only, and having no access to or from the attendant, or to or from exchange and message toll telephone services. Restricted stations may be connected to any other station of the system.

(2) Exhibitor Station

A non-restricted main station of the Exhibition Hall Service which has full inward and outward dialing privileges and access to and from the attendant position or positions.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 204 Cancels Original Sheet 204

EXHIBITION HALL SERVICE (cont'd) 6.

A. General

- 4. Exhibition Hall System Station Locations
 - a. The attendant position, or positions, the terminations of the lines associated with the Management's primary listing, Exhibitor stations and Exhibitor extension stations shall be confined to the Exhibition location.
 - b. Management stations and Management restricted stations are generally confined to the Exhibition location, but may be provided at non-continuous property locations when such stations are solely for the use of the Management in the operation of the public auditorium or exhibition hall. Rates as specified in Part 4, Section 5 of this Tariff apply to the circuits (T) required for such stations.
- 5. Customer Responsibilities
 - a. Management

The Management shall subscribe to Exhibition Hall Service. All operating of the attendant position, or positions, at the Exhibition location is performed by, and at the expense of, the Management and must conform with the operating practices and procedures which the Company may adopt to maintain a proper standard of service.

(T)

- b. Exhibitors
 - Each Exhibitor shall subscribe to Exhibitor Exhibition Hall system stations directly from the Company and shall be responsible for the payment of all charges applicable to the station, or (T) stations, to which he subscribes.
- Service of an Exhibitor may not be assigned or transferred to any other customer.
- 7. Other equipment and services requested by customers to Exhibition Hall Service and compatible with this service will be furnished in accordance with regulations, rates and charges specified in the applicable sections of this Tariff. (T)
- 8. Where quantities of switching equipment or central office lines in excess of those considered standard by the Company are requested, such additional facilities will be furnished at rates and (T) charges base upon cost incurred.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 206 Cancels Original Sheet 206

AIRPORT SERVICE 7.

All Airport Service customers, whether or not under contract, may retain or expand their Airport Service systems until December 31, 1996 or until the expiration of their contract, whichever is later.

A. General

- **Description of Offering**
 - a. Airport service is limited to telephone customers located within the bounds of the airport common location, except that airport intercommunicating line stations, as described in A-2 following, may be furnished to other airports, airline offices, Governmental agencies and air freight companies locate outside the bounds of such common location. Airport Service is offered only in the following areas:

Exchange Area Cleveland Columbus	Central Office
Cleveland	362
Columbus	231

- b. For purposes of this service offering, an airport common location includes all the plots of ground under a single ownership which are occupied by the various customers engaged in activities related to 0he airport and which, except for such multi-customer occupancy, otherwise meet the definition of a continuous property, as set forth in Part 2, Section 2 of this Tariff.
- (T)
- c. One customer, designated by the group of Airport Service customers, shall be responsible for each of the following:
 - Provision of a common loudspeaker paging system, if such a system is required by the Airport Service customers.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 208 Cancels Original Sheet 208

AIRPORT SERVICE (cont'd) 7.

A. Regulations (cont'd)

- 2. Types of Service Available to Airport Service Customers (cont'd)
 - a. Airport Switching Systems (cont'd)
 - 4. The following types of stations are provided on these systems:
 - Non-restricted stations.
 - Semi-restricted stations which are restricted from direct outward dialing privileges.
 - Restricted stations which are limited to intercommunication within the customer's airport switching system and optional access to the common loudspeaker paging system. Restricted stations without such paging system access may also be located on premises of others than the customer provided that exchange service is also provided at such premises.
 - 5. Interexchange private lines other than those described in Part 5, Section 1 of this Tariff, (T) CCSA access lines, tie lines, WATS access lines and FX service lines may terminate in an airport switching system provided such lines are services of the customer and, when used to connect other systems with the airport switching system, such other systems are also services of the customer. When attendant positions are provided with airport switching systems, manual terminations of the lines described above may be furnished in lieu of the dial terminations regularly provided.
 - 6. One common mechanical intercept arrangement will be provided to intercept calls to nonworking stations of all the airport switching systems which are a part of the Airport Service.
 - 7. Airport Switching System station lines are offered under the Variable Term Payment Plan as described earlier in this Section (refer to Paragraph 5.1 - CENTREX CO SERVICE). Customers to station lines furnished under the 36-month variable term option (1) must comply with all the provisions of said Variable Term Payment Plan, and (2) must collectively subscribe to 100 Airport Switching System station lines.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 210 Cancels Original Sheet 210

7. AIRPORT SERVICE (cont'd)

B. Rates and Charges (cont'd)

- 1. Airport Switching Systems (cont'd)
 - b. Stations
 - 1. Primary Locations
 - a. Station lines

		Variable Term Option Monthly Rate		
		1 Mo.	36 Mo.	
-	For intercommunication	•		
	Type I	\$30.00	\$30.00	
	Type II	34.60	34.60	
-	Restricted station lines			
	Type I and II	15.00	15.00	

b. Station SetSee Part 8, Section 8 of this Tariff

(T)

- 2. Secondary Location
 - a. The rate per station is that specified in (1) preceding, as appropriate, plus circuit rates.
- 3. Message Allowance
 - a. No message allowance is provided for airport switching system stations. The charge for each outgoing local message is that specified for message rate service additional local message in Part 4, Section 2 of this Tariff.

b. Local message charges are not applicable to calls between Airport Service customers.

c. Miscellaneous Equipment and Facilities

The following may be furnished with airport switching systems at the rates and charges specified for Centrex Service:

- TOUCH-TONE Calling Service
- Tie line terminals
- Interexchange tie line terminals
- CCSA access line terminations

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(T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 211 Cancels Original Sheet 211

7. AIRPORT SERVICE (cont'd)

B. Rates and Charges (cont'd)

- 1. Airport Switching Systems (cont'd)
 - c. Miscellaneous Equipment and Facilities (cont'd)

The following may be furnished with airport switching systems at the rates and charges specified for Centrex Service: (cont'd)

- Special station restrictions
 - a. Toll restriction
 - b. Other than toll restriction
- Centrex Optional Features
- 2. Airport Intercommunicating stations
 - a. Station lines
 - 1. Intercommunicating line
 - b. Circuit rates, as covered in Part 4, Section 5 of this Tariff, apply to stations located outside the (T) bounds of the airport common location.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 5th Revised Sheet 213 Cancels 4th Revised Sheet 213

8. CENTREX SERVICE (cont'd)

D. Features

1. Feature Availability (cont'd)

N/A - Not Applicable	StdStandard	StdStandard		OptOptional		
Voice	В	asic	Electronic Key	ISDN		
CLASS Distinctive Ringing	•	Opt.	Opt.	Opt.		
ISDN Services						
On Demand Packet Switche	ed Data "B" Channel Se	ervice		Opt.		
Packet Switched Data "B" C	Channel Service			Opt.		
Packet Switched Data "D" C	Channel Service			Opt.		
ISDN Packet Switched Data	a "B" or "D" Channel					
Call Diverting				Std.		
Closed User Group (CUG) -	Additional Member			Opt.		
Closed User Group (CUG) -	Individual Design			Opt.		
Default Throughput Class A	ssignment			Std.		
Direct Call				Opt.		
Fast Select Fast Select Acc	eptance			Std.		
Flow Control Parameter Neg	gotiation			Std.		
Hunt Group				Opt.		
Intercom Calling				Std.		
Logical Channels				Std.		
Non-Standard Default Flow	Control Parameters			Std.		
Permanent Virtual Circuit				Opt.		
Recognized Private Operati	ng Agency Selection			Std.		
Reverse Charging				Std.		
Reverse Charging Acceptar				Std.		
Standard "B" Packet Param	_			Std.		
Standard "D" Packet Param	•			Std.		
Throughput Class Negotiation				Std.		
Transit Delay Selection and	indication			Std.		
System Control National Manager	Dadiastad Assas				/T \	
Centrex Network Manager (Dedicated Access)				(T)	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 2nd Revised Sheet 214.6 Cancels 1st Revised Sheet 214.6

8. CENTREX SERVICE

F. Prices

1. General **

The following rates and charges are applicable to standard installations of Centrex Service. The (T) total charge per Centrex line is the appropriate Exchange Access Line Charge, End User Line Access Charge, and Centrex Intercommunication Line rates and charges.

2. Centrex Lines

a. Centrex Exchange Access Line Charge **

Includes Direct Inward Dialing and Touch-Tone. No message allowance is provided. The message or measured rate usage charges in Part 4, Section 2 of this Tariff are applicable. ISDN Centrex lines are only available with Measured Rate Service.

Message Rate Service*
Measured Rate Service*

* See Part 20, Section 5 of this Tariff.

b. End User Line Access Charge **

Centrex Lines, Electronic Key Lines and ISDN Centrex Lines

The application of End User Line Access Charge will apply as set forth in Part 20, Section 5 of this Tariff.

** Effective January 9, 1995 no new installations of this structure of Exchange Access and End User Line Access charges will be made. Customers who are on a Centrex Variable Term Payment Plan (VTPP) contract, longer than month to month, on the aforementioned date, will be permitted to expand their system until the expiration of the VTPP contract. All Centrex customers whether or not under the VTPP contract may retain or expand their Centrex systems until December 31, 1996. See Part 5, Section 1 of this Tariff for new system installations.

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The Ohio Bell Telephone Company

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 2nd Revised Sheet 215 Cancels 1st Revised Sheet 215

9. BUSINESS SOLUTIONS CENTREX

(T)

(T)

Effective July 25, 1996, new installations of Business Solutions Centrex will no longer be made. (T) Customers who are under contract will be permitted to expand their system, under the terms of their contract, until the expiration of the contract. Upon expiration of their contract, customers must choose another service. All month-to-month customers must choose another service by March 1, 1998.

A. Description

Business Solutions Centrex is a local exchange telecommunications service, provided by a telecommunications system located in a Company central office, which controls the switching of: (T)

- Calls from the exchange network to the Centrex lines,
- Calls from the Centrex lines to the exchange network,
- Intercommunicating calls between Centrex lines.

Direct Inward Dialing is provided to the Centrex by line selection in the central office.

Identification of outward dialing is provided for Centrex lines by individual line identification in the central office for those inter-exchange carriers for which the Company renders billing services.

Business Solutions Centrex offers two types of lines:

- Basic Lines
- Electronic Key Lines

Business Solutions Centrex is offered only as a complete service. The network access and intercom portions of the Centrex station lines are not provided separately.

Business Solutions Centrex is usage sensitive as well as subject to PBX trunk equivalents. (T)

Business Solutions Centrex will utilize the following PBX trunk equivalent schedule in determining (T) Network Access, Competitive Loops and Message Usage packages, where applicable. End User Common Line (EUCL) charges apply per Centrex station.

Business Solutions Centrex will utilize the following PBX trunk equivalent schedule in determining (T) Network Access, Competitive Loops and Message Usage packages, where applicable. End User Common Line (EUCL) charges apply per Centrex station.

See the Other Applicable Charges in the PRICES section for applicable charges.

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PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 216 Cancels Original Sheet 216

BUSINESS SOLUTIONS CENTREX (cont'd) 9.

(T)

A. Description (cont'd)

ion (cont a)	
Centrex Line in Use	PBX Trunk Equivalents
2 - 19	2
20 - 28	3
29 - 38	4
39 - 47	5
48 - 57	6
58 - 66	7
67 - 76	8
77 - 85	9
86 - 95	10
96 - 104	11
105 - 114	12
115 - 123	13
124 - 132	14
133 - 142	15
143 - 151	16
152 - 161	17
162 - 170	18
171 - 180	19
181 - 189	20
190 - 199	21
200 - 208	22
209 - 218	23
219 - 227	24
228 - 236	25
237 - 246	26
247 - 255	27
256 - 265	28
266 - 274	29
275 - 284	30
285 - 293	31

Each additional 12 lines, or fraction thereof, requires 1 additional trunk

B. Definitions

Provision of supplementary service to a customer's installed system up to the capacity of the system.

Centum Call Seconds

A CCS is defined as a measure of traffic usage expressed in Hundred Call Second Increments (where the Latin letter C represents one hundred). One call which lasts 100 seconds constitutes one CCS.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 217 Cancels Original Sheet 217

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

(T)

(T)

(T)

(T)

B. Definitions (cont'd)

Downgrage

Enumerated changes to an installed system generally resulting in a decrease in capacity, capability and/or lower monthly charge.

Line Commitment

The number of lines the customer has selected as the contract commitment.

Payment Plan

A period of time selected by the customer from among those currently offered by Ameritech, over which the customer agrees to pay a specified price for a product/service.

Removal

Deletion of equipment or service from a customer's installed system.

C. Terms and Conditions

Provision of Service

Business Solutions Centrex (Centrex) is provided from switching equipment located on Company premises and is offered for 2 or more lines subject to the availability of facilities. Variations in the switching and control equipment used may cause differences in the operations or availability of certain features. Business Solutions Centrex is provided at the option of the Company and is furnished subject to central office switching capacity and the availability of outside plant facilities. Business Solutions Centrex is limited to a minimum of 2 lines.

Intercept of Calls to Unassigned Station Line Numbers

Incoming and Intra-group calls to unassigned numbers are intercepted by standard recorded announcement. Customized recorded intercept messages may be provided where facilities permit at additional charges.

Suspension of Service

Suspension of service is not offered for Business Solutions Centrex.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 2nd Revised Sheet 218 Cancels 1st Revised Sheet 218

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

C. Terms and Conditions (cont'd)

Centrex Service Guarantee

Centrex Service Guarantee enables customers to install a Centrex System, and if during or up to 90 days after the initial service is installed, the customer decides not to retain the Centrex service, the System Charge and the nonrecurring charge for installed Centrex and/or Electronic Key lines will be credited to the customer's account provided that:

The customer will be responsible for any nonrecurring charges associated with the installation of any new service (Exchange Access lines), other than Centrex service.

A customer who requests termination of the Centrex service before expiration of the initial 90 days may have their prior service reconnected without incurring any nonrecurring charges, provided the (T) identical service (Exchange Access Lines) is being reconnected. Any nonrecurring charges attributable to changes from the customer's prior service will be paid by the customer.

The Centrex Service Guarantee shall not apply to Centrex Systems which include the following optional feature; however, a customer selecting Centrex service may add the following feature after the expiration of the initial 90 day period and upon payment of any applicable non-recurring charges:

Centrex Message Signal Interface (CMSI)

Customers selecting the Centrex Service Guarantee may make changes to their Centrex service (station additions, feature changes and additions) subject to the above sub-paragraph.

Customers must have a signed confirmation of order and select a 12, 36, 60 or 84 month payment plan. Centrex Service Guarantee is not available for service subscribed to on a month to month payment option; temporary service or promotional events. The 90 day trial period will be considered as the first 90 days of the contract.

Prices, charges, terms and conditions specified elsewhere in the offering for Centrex service shall apply.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 219 Cancels Original Sheet 219

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

C. Terms and Conditions (cont'd)

Transmission Specifications

Centrex Line Standard Transmission

The standard transmission specification for Centrex lines consists of: dial pulse signaling or Dual Tone Multi-Frequency (DTMF) signaling - approximate bandwidth of 300 to 3,000 Hz, loss of 0 to 8.5 dbm at 1004 Hz.

Loop Start Signaling

Centrex lines and Electronic Key lines are provided on a single two-wire facility with loop start signaling.

Electronic Key Line Standard Transmission (Non-ISDN)

Electronic Key Lines are provided on a non-loaded loop for access by preprogrammed push button features on compatible Customer Provided Equipment. The distance limitations from Ameritech's switching equipment is approximately 2.5 miles.

Interface Specifications for Customer Provided Equipment

Customer Provided Equipment (CPE) compatibility requirements are listed in technical references. (T) All Customer Provided Equipment used to interface with Business Solutions Centrex is required to conform with the Technical Reference Specifications as used by the Company and found in the following Technical references:

Subject	<u>Technical Reference</u>
Caller ID - Display	AM-TR-TSY-000030
	AM-TR-TSY-000031
Electronic Key Line	AM-TR-TSY-850004
Data	AM-TR-TSY-850005

The Technical References can be obtained from:

APEX Support Team	(T)
(734) 523-7348	(T)

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1st Revised Sheet 220 Cancels Original Sheet 220

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

C. Terms and Conditions (cont'd)

Local Service Area

The exchange or zone of the serving wire center for Business Solutions Centrex determines the local service area for all station lines. (See the Reference section for the location of applicable charges.)

(T)

Termination at another location

A Business Solutions Centrex customer may terminate one or more lines at another business customer's location when the lines are used exclusively for the Business Solutions Centrex customer's own communication needs. The following regulations are applicable:

(T) (T)

The Business Solutions Centrex lines must be restricted from placing calls outside the Business Solutions Centrex system (intercom only stations);

(T)

- The Business Solutions Centrex customer is responsible for all non-recurring charges and recurring prices for the Business Solutions Centrex system:
- The Business Solutions Centrex customer is responsible for all the service associated with the Business Solutions Centrex lines including, but, not limited to directory listings and incoming MTS toll charges.

(T)

Mileage Charges

Where facilities permit, Centrex lines and Electronic Key lines may be provided to a customer's location outside the serving CO area. In such cases, in addition to the prices for the specific Centrex line, appropriate mileage charges apply. (See the Reference section for the location of applicable charges.)

Cancellation of Service

In the event of a customer initiated cancellation of service, equipment and/or facilities before completion, or after installation is completed, but prior to service being established, the loss of equipment and facilities in the process of building or being installed, cost of installation labor, cost of removal and other expenses will apply. In addition, Service Connection Charges may also be applicable.

Resale

Centrex service may be resold, shared or otherwise aggregated among unaffiliated end users to accommodate a shared tenant/reseller environment as a business class of service only.

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

C. Terms and Conditions (cont'd)

Resale (cont'd)

Station to station calling is only allowed among affiliated end users. Unauthorized intercom calling may result in cancellation of the service to Centrex resellers, sharers or aggregators violating this prohibition pursuant to this offering.

The reseller, sharer or aggregator is responsible for payment of all charges including deposits and termination charges.

The reseller, sharer or aggregator is the customer of record with regard to any rights or privileges concerning the control or access of the telephone number or numbers.

System Charge

The System Charge is applicable to the establishment of any new Centrex system and to any relocation of an entire Centrex system, unless the customer's relocation is within the serving central office boundary.

The System Charge will be determined at time of installation based on the total number of equipped and reserved telephone numbers. A System Charge applies to each Business Solutions (T) Centrex arrangement or common block.

The System Charge may be paid in full on the first bill after cut over of the system or may be financed under the provisions of the Deferred Payment Plan.

D. Features

Business Solutions Centrex Packages

(T)

Silver Package

Inherent Features
Intercom Dialing
End to End Signaling
Equal Access for InterLATA calling
Direct Outward Dialing
Direct Inward Dialing
Usage Billing by Line Number
Touch-Tone

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 222 Cancels Original Sheet 222

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

Business Solutions Centrex Packages (cont'd)

(T)

Silver Package (cont'd)

Basic Features

Conference Calling-3 way

Consultation Hold

Call Forwarding-Variable/Ring Reminder

Call Pick Up

Call Transfer-All

Call Transfer-Deluxe

Hunting Arrangements-Series and Circular Hunt Only

Gold Package

Inherent Features

Intercom Dialing

End to End Signaling

Equal Access for InterLATA calling

Direct Outward Dialing

Direct Inward Dialing

Usage Billing by Line Number

Touch-Tone

Basic Features

Conference Calling-3 way

Consultation Hold

Call Forwarding-Variable/Ring Reminder

Call Pick Up

Call Transfer-All

Call Transfer-Deluxe

Hunting Arrangements-All

Deluxe Features

Speed Calling-Short

Call Hold

Call Forwarding-Don't Answer

Call Forwarding-Busy

Night Answer

Call Diverting

Call Waiting/Cancel Call Waiting

Call Forwarding of Call Waiting Calls

Distinctive Ringing and Call Waiting Tones

Centrex Mate

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Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 223 Cancels Original Sheet 223

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Business Solutions Centrex Packages (cont'd)

(T)

Platinum Package

Inherent Features

Intercom Dialing

End to End Signaling

Equal Access for InterLATA calling

Direct Outward Dialing

Direct Inward Dialing

Usage Billing by Line Number

Touch-Tone

Basic Features

Conference Calling-3 way

Consultation Hold

Call Forwarding-Variable/Ring Reminder

Call Pick Up

Call Transfer-All

Call Transfer-Deluxe

Hunting Arrangements-All

Deluxe Features

Speed Calling-Short

Call Hold

Call Forwarding-Don't Answer

Call Forwarding-Busy

Night Answer

Call Diverting

Call Waiting/Cancel Call Waiting

Call Forwarding of Call Waiting Calls

Distinctive Ringing and Call Waiting Tones

Centrex Mate

Advanced Forward and Directory Package

Personal Call Screening

Network Speed Calling (1st 100 numbers)

Call Forwarding Over Private Facilities

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By Connie Browning, President, Cleveland, Ohio

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 224 Cancels Original Sheet 224

BUSINESS SOLUTIONS CENTREX (cont'd) 9.

(T)

D. Features (cont'd)

Business Solutions Centrex Packages (cont'd)

(T)

Platinum Package (cont'd)

Call Productivity Package Automatic Call back Call Park (where facilities permit) **Directed Call Park**

Directed Call Pick Up Last Number Redial

Cost Control Package

Customized Call Diverting

Remote Access (where facilities permit)

Authorization Codes

Automatic Route Selection-Deluxe

Packages

The following packages are available as indicated:

N/A - Not Applicable Opt. - Optional Std. - Standard

Silver	Gold	Platinum
Opt.	Opt.	Opt.
	Std. Std.	Std. Std.
Opt.	Opt.	Opt.
Opt.	Opt.	Opt.
N/A	N/A	Std.
	Opt. Opt. Opt. N/A	Opt. Opt. Std. Std. Std. Opt. Opt. Opt. Opt.

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 225 Cancels Original Sheet 225

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

Packages (cont'd)

The following packages are available as indicated: (cont'd)

N/A - Not Applicable

Opt. - Optional

Std. - Standard

Packages	Silver	Gold	Platinum
Call Productivity Package Automatic Call back Call Park (where facilities permit) Directed Call Park Directed Call Pick Up Last Number Redial	N/A	Opt.	Std.
Cost Control Package Customized Call Diverting Remote Access (where facilities permit) Authorization Codes Automatic Route Selection-Deluxe	N/A	N/A	Std.
Audio Conferencing 6 Port Conferencing	N/A	Opt.	Opt.
Enhanced Audio Conferencing 30 to 150 Ports	N/A	Opt.	Opt.

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003,

The Ohio Bell Telephone Company

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 226 Cancels Original Sheet 226

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Packages (cont'd)

The following packages are available as indicated: (cont'd)

N/A - Not Applicable

Opt. - Optional

Std. - Standard

7/1 Not Applicable Opt. Optional	· ·	ota. Otanda	iu
Packages	Silver	Gold	Platinum
Electronic Key Line	N/A	Opt.	Opt.
Analog Line Pickups			
Automatic Dial			
Automatic Line Preselect			
Blind Transfer with Recall Identification			
Call Forwarding per Key			
Call Request			
Call Request with Queue			
Called Number Display			
Calling Number Display - Intercom			
Calling Reason Display			
Display Capability			
Directory Number Hunt with Call Waiting and			
Preferential Hunt			
Executive Busy Override			
Executive Busy Override - Exempt			
Group Intercom			
Individual Page			
All Calls			
Intercom Key			
Last Number Redial			
Leave Message Activation			
Listen on Hold			
Make Set Busy			
Make Set Busy except on Group Intercom			
Message Waiting Activation Control			

Issued: December 17, 2007

Message Retrieval Display

Effective: December 17, 2007

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

2nd Revised Sheet 227 Cancels 1st Revised Sheet 227

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Packages (cont'd)

The following packages are available as indicated: (cont'd)

N/A - Not Applicable

Opt. - Optional

Std. - Standard

Packages Silver Gold Platinum

Electronic Key Line (cont'd)

Multiple Appearance Directory Numbers - Single Call

Arrangement (SCA)

Bridging

Conference Interaction

Conference w/3-Way Calling

Privacy

Ring Again Idle Set

Message Waiting Indication - Visual

On Hook Dialing

Privacy Release Conference Control

Repeat Alert

Ringing Options for MADN

Secondary MADN Call Forwarding

Set Inspect

Short Hunt

Stop Hunt - Access Code

Time and Date Display

Centrex Virtual Network

N/A

Opt.

Opt.

Area Wide Networking

N/A

N/A

Opt.

Opt.

Centrex Message Signal Interface

Opt.

Opt.

Announcement Services

Customer Premises Announcements

Central Office Recorded Announcements

N/A

Opt.

Opt.

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003,

P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 228 Cancels Original Sheet 228

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

Optional Features

The following packages are available as indicated:

N/A - Not Applicable Opt Optional Std Standar	N/A - Not Applicable	Opt Optional	Std Standard
---	----------------------	--------------	--------------

	Silver	Gold	Platinum
Assume Dial 9	N/A	Opt.	Opt.
Call Request with Queue Direct Connect Originating Electronic Key Line Options Features Calling Name Display on Intercom DSS/BLF with Fast Transfer and Camp On Executive Display Communications Multiple Appearance Directory Numbers-Multiple Call Arrangement Query Busy Station Secondary Directory Telephone Numbers Add-On Module - 10 or 18 Button Add-On Module - 20 or 30 Button	N/A N/A N/A	Opt. Opt. Opt.	Opt. Opt. Opt.
Do Not Disturb High Speed Data Service Make Busy Access Code Private Facility Access Termination Special Intercept Speed Calling-Expanded Number Group Speed Calling-Long Stop Hunt Key Supplemental 3 Digit Dialing Trunk Verification from Designated Stations Uniform Call Distribution Queue Slots Music On Hold Interface Outgoing Deluxe Trunk Queuing Virtual Routing	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Opt. Opt. Opt. Opt. Opt. Opt. Opt. Opt.	Opt. Opt. Opt. Opt. Opt. Opt. Opt. Opt.

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 229 Cancels Original Sheet 229

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features

Analog Line Pickups

Allows analog lines to have a line appearance on the CPE Electronic Key set.

Automatic Callback

Permits a user who places an intrasystem call to a busy Centrex number to be automatically connected to that line when both the called and calling station lines are available.

Automatic Dial

Provides for automatic dialing of a single telephone number via a specific button on the CPE telephone.

For Centrex users with properly equipped Customer Provided Equipment (CPE) having display capabilities, this feature displays the number currently programmed for Automatic Dial.

Automatic Line Preselect

Automatically connects a user to a preselected line when the handset is lifted. Preselect can be configured to select a ringing line, an idle line, a primary line, or no line.

Blind Transfer with Recall Identification

Allows a station to transfer a call to another party without waiting for that party to answer. If the other party does not answer the transferred call in a specific time-out period, the station from which the call was transferred is recalled. On sets with the optional display that have been assigned the text-message option an alphanumeric message is displayed to help identify Blind Transfer recalls.

Call Diverting

Outgoing calls may be screened so that completion of calls to preselected areas is denied. Each arrangement is a predefined standard. The following arrangements are standard: intercom only (fully restricted), intercom and local calls (semi-restricted), and intercom, local and toll calls (unrestricted).

Denied Origination prohibits call origination from designated Centrex stations.

Denied Termination prohibits call completion to designated Centrex stations.

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 230 Cancels Original Sheet 230

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Call Forward of Call Waiting Calls

Allows station users that have Call Forwarding and Call Waiting assigned to their lines to forward Call Waiting calls that are not answered within a set period of time automatically to a predetermined destination.

Call Forwarding -Variable

Provides routing of incoming calls, to a preselected station line, attendant, or to a line outside the system.

Call Forwarding Reminder Ring provide a ring splash when an IntraGroup call is forwarded and the base station is idle.

Call Forwarding - Busy

Allows incoming calls to a busy station to be routed to a preselected Centrex station line, attendant, or line outside the system.

Incoming Call Only allows only incoming calls from outside of the Centrex group to be forwarded.

Internal/External Split allows separate, forwarded-to directory numbers to be assigned for calls that originated internally or externally to the customer group.

Station Activation allows a customer to activate/deactivate the feature as well as program the forward-to station from the set by using a dial access code.

To External Number allows calls to be forwarded to a number outside of the Centrex group. (Customer is responsible for any local or toll charges on forwarded calls outside the system).

Call Forwarding - Don't Answer

Allows incoming call to automatically route to a preselected Centrex station line, attendant or to a line outside the Centrex group when the called station is not answered after a preset number of rings.

Incoming Call Only allows only incoming calls from outside of the Centrex group to be forwarded.

Ring Cycles defines a predetermined number of rings before the Call Forward-Don't Answer feature is invoked on a per line or a per system basis.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 231 Cancels Original Sheet 231

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Call Forwarding - Don't Answer (cont'd)

Internal/External Split allows separate, forwarded-to directory numbers to be assigned for calls that originated internally or externally to the customer group.

Forwarded Number Busy Interaction Enhancement on a customer group basis, additional treatment options can be given to incoming calls that are forwarded to the forward-to destination when busy. The available options are:

Treat the call according to any features assigned to the forward-to destination (current functionality); or

Do not forward the call, but continue to ring the base station until answered or abandoned; or

Do not forward the call, but provide an intercept announcement.

Station Activation allows a customer to activate/deactivate the feature as well as program the forward-to station from the set by using a dial access code.

To External Number allows calls to be forwarded to a number outside of the Centrex group. (Customer is responsible for any local or toll charges on forwarded calls outside the system).

Call Forwarding per Key

Allows an electronic key line user to enable each telephone number assigned this feature to call forward to a different number or destination. For Centrex users using properly equipped Customer-Provided Equipment with display capabilities, this feature displays the number currently programmed for the Call Forwarding feature.

Call Forwarding Over Private Facilities

Enables a station user to establish automatic forwarding of incoming calls to a specific private facility access group.

Call Hold

Allows a station user to hold a call in progress by dialing an access code, place another call and alternate between the two calls with privacy.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 232 Cancels Original Sheet 232

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Call Park

Provides the station user the ability to park a call against the station number. The parked call may be retrieved from any station in the Centrex group by dialing a code and the station number parked.

Call Pickup

Allows a station user to answer calls directed to another station line within the same pickup group by dialing an access code. Where available, incoming calls will be answered on a first in, first out basis (longest call answered first).

Call Request

Allows a station to activate a call request to an idle or busy station. Additionally, provides the ability of a called station to activate a return call dialing by a feature button, when the station has received a call request.

Call Request with Queue

An arrangement that allows a station user to activate a call request, by dialing an access code, to another station user that may be busy or idle. Additionally, this feature provides the ability of the called station user to return a call request, by dialing an access code, to the station user that initiated the call request. This feature requires that both the Centrex Line that initiates the call request and the Centrex Line that receives the call request be equipped with this feature.

Call Transfer - All

Allows incoming, outgoing, and intercom calls to be transferred to other Centrex stations.

Call Transfer (Inter-system) - Deluxe

Incoming, outgoing, and intercom calls may be transferred to other Centrex station numbers or other lines outside the Centrex group. (Customer is responsible for any local or toll charges on transferred calls.)

Call Waiting/Cancel Call Waiting

Provides station users with an audible tone to indicate that an incoming call is waiting. This feature can be activated and deactivated with the Cancel Call Waiting capability.

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Original Sheet 232.1

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Called Number Display

Capability to display the called number with the proper customer provided equipment.

Caller ID-Intercom

The caller's number, if not blocked, is displayed on compatible Customer Provided Equipment when an incoming call is received.

Calling Name Display on Intercom

Provides delivery of the calling name on calls from other station users within the Centrex system to station users with Electronic Key Line sets.

Calling Number Display - Intercom

Capability to display the calling number within the system with the proper customer provided equipment.

Calling Reason Display

In addition to a display of both the caller's number and the number being called, this also indicates the reason a call has been forwarded.

Enhancement provides more information on redirected calls.

CLASS Visual Message Waiting Indicator

Provides a visual indication when messages have been left for subscribers who also subscribe to compatible voice messaging systems. For subscribers with display sets or adjuncts, the date and time of the messages are also displayed (DMS 100 only and if the messaging service supplies this information) in addition to lighting the visual message indicator lamp. This feature has the following restrictions:

- 1. For use on a single line set only. Not provided on EKL sets.
- 2. Requires SS7 network capability.
- 3. Offered on intraLata calls only.
- 4. Works with any instrument that complies with Bellcore specification TR-TSY-000030 ("SPCS Customer Premises Equipment Data Interface")
- 5. Compatible with Centrex Mate, Release 8.4 (DMS only)

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By Connie Browning, President, Cleveland, Ohio

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 233 Cancels Original Sheet 233

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Conference Calling, 3-Way

Allows a user to add a third party to an existing call.

Consultation Hold

Allows a station user to hold a call in progress (incoming or outgoing) and originate another call with privacy.

Direct Connect Originating

An arrangement that permits a station line to automatically dial a predetermined telephone number when the calling station line goes off-hook.

Direct Inward Dialing (DID)

Calls from outside the Centrex group may be dialed directly to each Centrex number.

Direct Outward Dialing (DOD)

Calls may be placed outside of the Centrex group without the aid of a system attendant.

Directed Call Park

Provides the station user with the ability to park a call against another station number. The parked call may be retrieved from any station in the Centrex group by dialing a code and the station number.

Directed Call Pick-up

Allows a station user to answer calls directed at another station number within the Centrex group without regard to pick-up groups. This feature may be provided with barge-in, if requested.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 234 Cancels Original Sheet 234

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

Line Features (cont'd)

Direct Station Selection/Busy Lamp Field with Fast Transfer

This provides a set of related features to allow appropriate customer premises equipment to perform attendant console like functions.

Direct Station Selection provides properly equipped customer provided equipment to monitor, via a busy lamp field station, status of directory numbers that appear in the Electronic Key line group. It will also provide direct dialing to a monitored station by means of the feature key.

Camp-On allows the user to extend a call to a busy station. The call is held until the called party is free. If the called party does not answer the waiting call, then the station that extended that call is automatically recalled by the calling party.

Fast Transfer allows the transfer of calls without having to conference a called party beforehand.

Directory Number Hunt With Call Waiting and Preferential Hunt

Allows a line with Call Waiting to be a member of a directory number hunt group and allows a preferential hunt list for each member of the group.

Display Capability

For Centrex users with properly equipped Customer Provided Equipment having display capabilities, this feature also displays user-entered or incoming call information during the use of other Centrex features.

Distinctive Ringing and Call Waiting Tone

Provides different ringing cadence for incoming calls from within the Centrex system verses outside the system. This feature also provides distinctive call waiting tones for calls coming from within the system verses outside the system for lines equipped with the Call Waiting capability.

Electronic Key Line Add-On Modules

Provides the capability to connect 10, 18, 20, or 36 Add-On Modules to the Electronic Key line set.

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

End to End Signaling

Allows a station user, while in the talking state, to send Dual Tone Multi-Frequency (DTMF) digits to the other end by using a dial pad.

Equal Access for Inter LATA Calling

Allows each station line to use a predetermined Inter-Exchange Carrier without dialing any special codes. Override to an alternate carrier can be accomplished by dialing an appropriate Inter-Exchange Carrier code.

Executive Busy Override

This feature allows a station to gain access to a busy station.

Executive Busy Override - Exempt

This feature denies access to stations invoking Executive Busy Override.

Executive Display Communications

Allows a station user to leave and retrieve messages at an Electronic Key line set with display.

Group Intercom

Centrex users may be members of an intercom group of up to 99 members. Each member is assigned a unique 2 digit number. This intercom is separate and distinct from station to station Intercom Calling.

Additional intercom capabilities offered, where available, are:

Individual Page allows a Group Intercom member to page another group member using the built-in speaker on a properly equipped set.

All Calls allows a Group Intercom member to simultaneously page up to 29 predefined members of the same Group Intercom group, using the built-in speaker on a properly equipped set.

Intercom Key allows a user to directly terminate on a predesignated set by pressing the intercom key.

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Hunting Arrangements

Incoming calls to a busy Centrex line are redirected to a predetermined number(s) to search for an idle line on which to complete the call. If no idle number is found, a busy tone is provided. These types are available:

Circular Hunt permits a complete hunt over all of the station lines in a particular Multi Line Hunt Group (MLHG). Hunting starts with the dialed number and continues to the last terminal prior to the dialed number in the MLHG. Circular Hunt is only provided with Uniform Call Distribution, Preferential Hunt or Multiple Position Hunt.

Series or Serial Hunt allows a limited number of Centrex lines to be programmed in either a sequential (consecutively numbered) or non-sequential (non consecutively numbered) order for hunting purposes. Series hunting is done through the ordered list until an idle line is encountered or the end of the list is reached. Call handling line features can be added to the last directory number in the series to increase call completion probability. Series Completion redirects a call only once to any given line.

Enhancement redirects a call from a busy DN to another DN giving greater flexibility by providing circular Call-Forward, Busy type chaining.

Distributed Line Hunting starts the hunting at the first idle line after the previous hunt and continues until the starting point is reached.

Multi Line Hunt Group (MLHG) is a group of lines with common terminating (incoming call) features that are grouped together to share translation data. Hunting is provided by a common program (shared translations) for the group of lines. Each line is identified by a multi-line terminal number, not a Centrex number.

Enhancement allows the assignment of Multiple Pilot Directory Numbers to a MLHG. Hunting can therefore begin at different points in the group depending on the number dialed.

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9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

Line Features (cont'd)

Hunting Arrangements (cont'd)

Non-Hunt Telephone Number in a MLHG can contain station lines which have associated nonhunt directory numbers. If the station line is busy on a call, another call to the non-hunt number will receive busy treatment. These non-hunt numbers are not in the MLHG and do not have access to the MLHG or MPH features.

Preferential Hunt permits a pre-hunt over a preferential list of station lines before hunting the entire MLHG. Each station can be associated with a particular preferential list within a MLHG.

Secretarial allows more than one Centrex line to hunt to the same line in a linear pattern.

Uniform Call Distribution (UCD) without queuing is furnished only on station lines equipped for Circle Hunt. This hunting feature provides equal distribution of incoming calls in a prearranged group. Calls in excess of the number of lines in the UCD group will not be held in queue and will receive a busy tone. A make busy arrangement is required as specified in optional features to busy out all lines in a group or single lines in a UCD group by operating a key.

Intercom Dialing

Provides for dialing between lines in the same Centrex system.

Last Number Redial

Allows a designation of a CPE station button to initiate redial of the last number called.

Last Number Redialed associated with Set re-dials last number from business set regardless of which key the call was made from.

Leave Message Activation

Capability for a station to activate, via a button, an audible or visual message indication at other locations. The receiving station controls the deactivation of the message indication upon retrieval of the message. (Requires Message System Service CPE)

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Listen on Hold

Allows a user to place a called party on hold and listen through the speaker on a properly equipped set.

Make Busy Access Code

This feature may be assigned to any hunt line, directory number, multi-line hunt line, or distributed hunt line. This feature is activated by the customer dialing an access code.

Make Set Busy

Allows a designation of a CPE station button to busy out all lines terminating on the telephone set.

Make Set Busy except on Group Intercom

Allows an Electronic Key Line station to continue to receive group intercom calls when the set is put into a make busy condition.

Message Retrieval Display

Provides the capability of a station to directly retrieve messages from their display via button activation and cancel the message waiting indication. (Requires Message System Service CPE)

Message Waiting Activation Control

Provides the capability of a predesignated station to activate audible or visual message waiting indications at other stations. The sending station controls both the activation and deactivation of the message waiting indication.

Enhancement allows inter-working with 3 Way Calling, ACD, UCD, Call Request and Call Forwarding.

Message Waiting Indicator - Audible

This feature provides an audible tone signal, e.g. stutter dial tone, on a Centrex line to indicate a message waiting condition.

Message Waiting Indication - Visual

This feature provides the capability of a visual message waiting indication.

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Multiple Appearance Directory Numbers - Multiple Call Arrangement (MCA)

Provides capability to terminate duplicate telephone numbers on Electronic Key Line type Sets or Single Line Sets.

Multiple Call Arrangement (MCA) allows more than one set in the MADN group to be active on the MADN simultaneously. The number of simultaneous calls is restricted only by the number of members in the MADN group.

Multiple Appearance Directory Numbers - Single Call Arrangement (SCA)

Provides capability to terminate duplicate telephone numbers on Electronic Key Line type Sets or Single Line Sets. These numbers are configured in a Single Call Arrangement (SCA).

Multiple Appearance Directory Numbers - Single Call Arrangement (SCA)

Provides capability to terminate duplicate telephone numbers on Electronic Key Line type Sets or Single Line Sets. These numbers are configured in a Single Call Arrangement (SCA).

Single Call Arrangement (SCA) allows only one set to be active (either originating or terminating) on the MADN at any given time.

Includes incoming call disconnect to automatically release the bridge for other MADN Directory Numbers.

Bridging

Allows more than one set in a MADN group to be active on a line simultaneously.

Conference Interaction allows a conference call to be either answered or established by one party, placed on hold, or picked up by another party.

Conference w/3-Way Calling enables a MADN Single Call Arrangement (SCA) with bridging options to establish a three-way call during the bridge state.

Privacy allows a user to exclude another user with the appearance of the same line from entering an existing conversation.

Ring Again Idle Set prevents a busy set from receiving call back (ring again) while active on another call.

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Night Answer

Allows an incoming night call to be indicated by the ringing of a customer-provided night bell or a predesignated Centrex line. Calls may be answered at any station other than fully restricted stations by dialing a special code.

Trunk Answer From Any Station allows any station in the customer group to answer an incoming call by dialing a code. The code is dialed when the Trunk Answer From Any Station alert sounds.

On Hook Dialing

An intrinsic feature of the set, which allows the user to originate calls without lifting the handset.

Privacy Release Conference Control

This arrangement provides additional flexibility for conferencing for Electronic Key Lines (EKL) Service by segregating conferencing circuits for exclusive use of Multiple Appearance Directory Number (MADN) groups.

Query Busy Station

Allows up to 128 Electronic Key stations to query the busy/idle status of one designated station either Electronic Key line or Centrex within the group. The feature supports up to eight simultaneous requests to monitor the station for idle status display.

Repeat Alert

A station can be designated to receive additional alert tones when a call terminates on a Directory Number (DN), MADN, or Group Intercom Key and while the station is active on another call.

Ringing Options for MADN

Provides additional ringing options to a Multiple Appearance Directory Number (MADN) group.

Secondary Directory Telephone Numbers

Provides an additional directory number which is not physically terminated, but exists in the programming of Electronic Key Line Service. The additional directory number, while not terminated on a dedicated facility, may be accessed from the network and may originate unique outgoing dial tone from an instrument that has another directory number as its primary number.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 241 Cancels Original Sheet 241

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Secondary MADN Call Forwarding

Allows secondary Multiple Appearance Directory Number (MADN) members to activate or deactivate call forwarding from their sets.

Set Inspect

Allows a user either display features assigned to buttons on the phone or display calling or called number of an active call or call on hold via operation of a predesignated button.

Enhancement allows this feature to also be enabled on an automatic basis displaying call information as soon as a call is presented.

Short Hunt

Permits incoming calls to hunt over a set of directory number appearances in search of an idle directory number on which to terminate.

Speed Calling - Expanded Number Group

Allows stations to place calls to a list of numbers by dialing a code. The size of the list depends on the serving technology type.

Speed Calling - Long

Allows a station line to place calls to a list of 30 numbers by dialing a code.

Speed Calling - Short

Allows a station user having access to place calls to a list of 6 or 10 numbers (dependent upon central office switch) by dialing a code.

Stop Hunt Key

This feature may be assigned to any hunt line, directory number, multi-line hunt line, or distributed hunt line. This feature is controlled by a customer provided external key. This feature requires private line facilities and customer provided equipment.

Time and Date Display

Allows time and date to be displayed. Time and date are provided by the Central Office.

Touch Tone

Provides for dialing a telephone number using Dual Tone Multi-Frequency (DTMF) signaling.

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By Connie Browning, President, Cleveland, Ohio

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 2nd Revised Sheet 242 Cancels 1st Revised Sheet 242

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

Line Features (cont'd)

Transfer Calls to Restricted Station

Allows incoming calls, initiated from outside the Centrex system to be transferred by a designated station user to a Centrex line that is restricted from receiving incoming calls.

Usage Billing by Line Number

Calls outside of the business system which incur message units or toll charges are billed by individual telephone number when the company is the billing entity.

System Features

Area Wide Networking

Allows subscribers to originate calls within geographically different locations using abbreviated dialing. The called party and the calling party may be in locations served by different Central Office switches and different telecommunications systems.

AWN operates across the public network or private facilities and can be provided to subscribers with PBX, ISDN-Direct, or other basic exchange services.

AWN is compatible with Centrex Mate.

AWN may include In Network Numbers and Out of Network Numbers. In Network numbers are all the telephone numbers that participate in the AWN dialing plan. Out of Network numbers are locations that may be dialed on an abbreviated basis but cannot dial back on the abbreviated dialing plan. Out of Network numbers may include telephone numbers that are not part of the subscribers telecommunications system or that are served from areas where the service is not available.

Two dialing plan formats are available: Extension Dialing and Custom Dialing. A combination of both dialing plans may be provided. Extension Dialing utilizes sequential digits from the North American Numbering Plan (the seven digit telephone number) to originate a call, typically the last four digits of the telephone number. Custom Dialing utilizes a number pattern designed by the customer and may be unrelated to the actual telephone number. If the Custom Dialing format is used it is the option of the customer to define the dialing format and input all Custom Dialing numbers associated with their dialing plan.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

2nd Revised Sheet 243 Cancels 1st Revised Sheet 243

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

(T)

D. Features (cont'd)

System Features (cont'd)

Area Wide Networking (cont'd)

Additional business or residence telephone numbers may be added to the abbreviated dialing plan as Out of Network Numbers designated for terminating calls only.

Out of Network numbers may be administered by the subscriber via Centrex Mate or a customer provided VT 100 compatible terminal by accessing the Service Management System (SMS). The subscriber is responsible for any usage charges incurred when accessing the SMS system.

AWN provides subscribers with call management reports. These reports will generate daily, weekly, or monthly information for the dialing plan based on originating, terminating or total dialing plan utilization. Customers may access the report feature via the SMS with Centrex Mate or a customer provided VT 100 compatible terminal.

Appropriate usage charges will apply to AWN calls routed over the public network.

Some central office features will require the dialing of the complete telephone number when the AWN feature is utilized. AWN dialing will also impact some line restrictions provided by certain central office features.

Centrex Mate

The Centrex Mate feature allows a Centrex customer to make changes in the station line and/or feature configuration of their Centrex System as an alternative to the standard Company service order process. Centrex Mate allows the customer to manage feature assignments per line, exchange station numbers between like station lines, verify the assignment of features on an individual station line or bulk basis, sort for stations that have particular features, and to obtain internal directory information for stations in the Centrex Mate database. Centrex Mate is offered subject to availability of facilities and compatibility of the serving central office.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 2nd Revised Sheet 244 Cancels 1st Revised Sheet 244

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

System Features (cont'd)

Centrex Mate (cont'd)

Access is provided by dial up modems via Customer Provided Equipment. The customer is responsible for any charges incurred to access the Centrex Mate system.

Centrex Mate customers may elect to continue to use standard service order procedures at any time and the service will be implemented by the Company at the prevailing charges and service intervals as specified elsewhere.

Customers may elect to have a third party other than the customer implement and manage their system for them. If this option is elected, the customer assumes responsibility for all changes executed by their authorized agent.

The Company reserves the right to withhold the service if it is determined to be incompatible with existing Switching Systems. Also, some functions of the central office switching system will have priority over execution of customer change requests. The Company assumes no responsibility for change requests delayed by priority central office functions.

Not all features and capabilities are included in Centrex Mate. A service order will be required to rearrange some items. These include but are not limited to:

- swaps of off-premises lines in different wire centers;
- lines not included in Centrex Mate such as attendant lines,
- multi-line hunt lines, and lines with special equipment.

Responsibility of the Company

The Company will provide training to these customers who elect to utilize Centrex Mate themselves and decline to elect an authorized agent. Training will be provided by the Company at the time Centrex Mate is activated without charge. Subsequent training can be provided for the customer at an additional charge as specified elsewhere in this offering.

The Company will provide the customer or the designated authorized agent with the security password access codes for the customer's Centrex Mate System.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 2nd Revised Sheet 245 Cancels 1st Revised Sheet 245

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

System Features (cont'd)

Responsibility of the Customer

The customer is responsible for the administration and protection of the Centrex Mate password and access code and will be responsible for any charges arising out of unauthorized use of the password. Customers electing an authorized agent to administer and manage their Centrex System shall be responsible for that agent's use and protection of the password and access codes.

The customer will designate at the time of installation whether they will manage their Centrex Mate system themselves or through an authorized agent. If the authorized agent is selected, the customer will provide the Company with a signed and dated letter authorizing the agent to manage the Centrex Mate system on their behalf. The customer accepts responsibility for all changes made on their behalf by their agent.

Centrex Message Signal Interface (CMSI)

Provides for the transmission of certain called number and other identification information via a data link connecting the CMSI input/output port located in the Company central office to customer provided equipment.

CMSI service consists of three features: Call History Package Delivery, Remote Activation of Message Waiting Indicator and Message Waiting Indication.

Call History Package Delivery provides detailed information of calls forwarded from Centrex lines via a Centrex multi-line hunt group and associated data link from the Company's central office to the customer provided Message System Interface.

Remote Activation of Message Waiting Indicator allows the Centrex customer to activate/deactivate an audible message waiting tone on Centrex lines or a visual LED indication on electronic business sets.

Message Waiting Indication Audible provides an audible tone signal on a Centrex line or, where technology permits, a visual LED indication on an electronic business set.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 245.1 Cancels Original Sheet 245.1

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

System Features (cont'd)

Centrex Virtual Network (CVN)

Virtual Network (CVN) extends intercom calling geographically within a LATA, providing virtual connectivity among all types of Centrex lines using the public network.

All lines in the Centrex System and at each premises location must be included in a customer's CVN. Shared Centrex Common Blocks cannot be part of an CVN. A minimum of 500 lines is required to establish CVN. Systems exceeding 25,000 lines require Customer Specific Contract pricing.

All lines in the network must terminate at an authorized premises location of the Customer of Record. Authorized locations include branches, factories, plants, etc., of the Customer of Record, or a subsidiary of the Customer of Record. A network may not be shared among unaffiliated end users.

When CVN is provided through resale, all lines in each CVN network must terminate at an authorized premises location of the same end user customer. All other terms and conditions as stated above including the requirement of a minimum of 500 lines per end user customer apply.

Announcement Services

Announcements can be utilized with various Centrex services, such as UCD, ACD, Special Intercept, ARS, Queue Slots and Music on Hold. Two announcement arrangements are available:

Customer Premises Announcements provides an interface to the customer premises for recorded announcement or music.

Central Office Recorded Announcements may be provided in the following arrangements:

Standard announcements provides for Company announcements.

Customer specific announcements provides for announcements customized for an individual specific customer (maximum of 24 seconds).

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

System Features (cont'd)

Assume Dial "9"

An arrangement that allows station users to originate network calls by dialing the appropriate seven or 10 digit network telephone number without first dialing "9" for access to the public network.

Authorization Codes

An arrangement used to identify callers for billing purposes to assign network class of service and to control network access. Available for both voice and data in initial 100 count. Additional codes are available in counts of 25.

Station Specific Codes is an arrangement that allows up to ten Authorization Codes to be assigned for use on a specific line.

Automatic Route Selection - Deluxe

Allows for the completion of calls to a public network telephone number by automatically scanning the digits and selecting a first choice completion route when available, or a subsequent route if the first choice route is not available. Automatic Alternate Routing for tie lines provides automatic routing of calls to alternate tie line routes when the primary tie line route is in use. Routes may include Foreign Central Office lines, Foreign Exchange lines, WATS lines, Carrier access lines, the DDD network, the IDDD network, or other compatible arrangements. The delivery of digit one to an interexchange carrier is available.

Facility Restriction Levels (FRL) are required with ARS-D and are required on each Centrex line and incoming tie line to determine both the type of call and type of facility within the privileges of the associated user.

Authorization codes allow a station user to dial a code to override the restriction level associated with the dialing Centrex line or tie line. The Centrex requests the Authorization code when the default FRL has insufficient privileges to complete the call. The Authorization code is also inspected for validity as a security check.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 247 Cancels Original Sheet 247

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

System Features (cont'd)

Automatic Route Selection - Deluxe (cont'd)

Time of Day routing permits the pre-programming selection of alternate routing pattern groups for off-network calls on a time of day and day of the week basis.

Automatic Alternate Routing provides automatic routing of on-network calls to alternate tie line routes when the primary tie line routes are busy.

Automatic Overflow to DDD provides completion of on-network calls via the toll network when all primary and alternate tie line routes are busy.

Deluxe queuing permits station users to be placed in a queue whenever all facilities in the first choice route in a pattern for completing a particular call are already in use.

Conference Services

Six-Port Conference Service consists of a six-port conference circuit that provides for simultaneous connections up to six conferees. Six Port conference circuits can be utilized to provide the following:

Conference Linking w/4 Additional Ports allows multiple 6 port conferences to be linked together. One port on each 6 port conference circuit is used for linking. Consequently, only 4 ports per each additional conference circuit can be used for conferences when they are linked together.

Preset Conference allows a Centrex station line, trunk, or attendant console to establish a conference call with a maximum of 50 conferees by dialing a specific directory number. The dialing of the DN invokes a simultaneous ringing of the preselected conferees. The conferees are specified and notified in advance.

Enhanced Audio Conference

Allows users to hold a conference for 30 to 150 conferees by dialing a directory number to reach a specific conference bridge at a predetermined time.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 248 Cancels Original Sheet 248

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

D. Features (cont'd)

System Features (cont'd)

Customized Call Diverting

Enables the customer to block or allow one or more NPA and/or NXX numbers when these numbers are dialed by selected stations within the customer group.

Do Not Disturb

An arrangement that intercepts incoming calls to a Centrex line(s) during specified periods of time when a station user(s) does not want to be disturbed. This arrangement can be provisioned for individual lines or groups of lines. This feature may be activated/deactivated via a key by the attendant or a designated station user.

High Speed Data Service

An arrangement that provides digital, full-duplex synchronous data transmission within a Centrex Service System, at speeds of 1.2 Kbps to 56 Kbps and asynchronous data transmission at speeds of 100 bps to 19.2 Kbps over a standard twisted pair loop. High Speed Data Service requires appropriately equipped customer provided equipment. This feature is available only in non ISDN equipped central offices.

Music On Hold Interface

An arrangement that allows access to Customer Provided Equipment that provides a continuous broadcast of music when a caller is placed on hold. Customer Premises Announcements are required per unique music source and are found elsewhere in this offering.

Network Speed Calling

Allows up to 1000 numbers per system to be accessed via individual lists of up to 100 numbers each.

Outgoing Deluxe Trunk Queuing

An arrangement that allows station users to have their outgoing call held in queue, by dialing a code, when the associated outgoing facilities are in use. This arrangement provides station users with "off-hook" or "on-hook" queuing for busy outgoing facilities. A queue slot is required for each call held in queue.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 249 Cancels Original Sheet 249

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

System Features (cont'd)

Outgoing Deluxe Trunk Queuing (cont'd)

The following options are available for calls that are held in "off-hook" queue:

Silence on Queue provides silence when calls are held in queue. This arrangement is standard unless the customer elects Music on Queue or Recorded Announcement.

Music on Queue is an interface that provides for the connection with customer provided music equipment.

Recorded Announcement provides for one continuous repeating type announcement.

Priority Queuing station lines, equipped with this option have originating priority and their calls are loaded into queue ahead of non-priority calls. When the queue is full, priority calls route to overflow tone or to the DDD network.

Personal Call Screening

Allows a station to whom another station's calls are being forwarded, to transfer the call back to the forwarding station, overriding the forwarding feature.

Private Facility Access Termination

Line Side Access Connections

Code Call Access permits station users and attendants to dial an access code and a called party code to activate customer provided audible and visible signaling devices.

Dial Dictation Access provides station users access to customer provided dictation recording equipment by dialing an access code.

Radio Paging Access allows stations and attendants to access customer provided and radio paging equipment located on the customer's premises by dialing a Centrex station number.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 250 Cancels Original Sheet 250

BUSINESS SOLUTIONS CENTREX (cont'd) 9.

(T)

D. Features (cont'd)

System Features (cont'd)

Private Facility Access Termination (cont'd)

Trunk Side Access Connections

The following trunk side access connections are available in either analog or digital format as outlined below.

Advanced Private Line Access connects tie lines, private line facilities and access lines from switched private line services to Centrex dial switching equipment. It may also be used when compatible with and required for termination of facilities by Other Common Carriers (OCC's)

Radio Paging Access provides station users and attendants the capability to access customer provided and radio paging equipment located on the customer's premises via an access code.

Tandem Tie Line Access allows tandem connection of special service circuits dedicated to a customer group.

Tie Line Access allows connection of special service circuits dedicated to a customer group.

DS1 Connection is a termination used to connect dial type tie lines or Other Common Carrier (OCC) private communication services to a Centrex System. The termination can accommodate twenty-four channels, each dedicated to a specific service.

Other Private Facility Access Connections

Foreign Exchange (FX) provides access to/from an FX line. Station users have the ability to transfer a foreign exchange call.

OUTWATS Access allows a station user access to OUTWATS services dedicated to a customer group by dialing an access code.

Queue Slots

Queue slots are dedicated time slots in the central office, used to hold calls in a delayed state until a call can be further processed. A queue slot is required for each call to be held in queue.

Calls in Queue may be provided a recorded announcement or music. These optional features are specified in the Optional Features section of this offering under Announcement Services.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 251 Cancels Original Sheet 251

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

D. Features (cont'd)

System Features (cont'd)

Remote Access Services

Allows users outside the Centrex to access the system by dialing predetermined Network Access Lines. Customers that have this optional system feature can dial into a Centrex system, without the assistance of an attendant and access the features and telecommunications facilities associated with the system.

Special Intercept Service

Allows the customer to provide an individual message when a station has been taken out of service. This feature provides access to the announcement and requires either a customer designated central office recorded announcement or an interface to customer premises recorded announcement facilities. Requires a Dedicated Communications Service channel.

Supplemental Three Digit Dialing

Available on a Centrex system arranged for 4 or 5 digit intercom dialing. Three digit dialing is provided as a means to reach an emergency station line on the same system, such as fire, police, etc.

Trunk Verification from Designated Station

An arrangement that provides audible transmission level testing for originating and terminating trunk groups or a trunk within a trunk group for trunks associated with a Centrex system by a designated station user(s).

This service arrangement is provided at the option of the Company and is furnished subject to the availability of central offices equipped and programmed to provide such service.

Uniform Call Distribution

Provides for the even distribution of incoming calls to all groups of lines arranged in a special hunting arrangement. Queuing may be provided with the addition of queue slots found elsewhere in this offering.

Virtual Routing

Provides routing and call completion over 24 software defined access paths (virtual/simulated facilities group) for Valuelink Premier intraLATA toll service.

(T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 252 Cancels Original Sheet 252

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices

			Monthly Payment			
	Non-		<u> </u>		nent Plans	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
SILVER PACKAGE						
System Charge,						
Per system						
2 - 6 lines	\$ 25.00	\$ 0.00	\$ 0.00	\$ 0.00	\$0.00	\$0.00
7 - 24 lines	45.00	0.00	0.00	0.00	0.00	0.00
25 - 49 lines	65.00	0.00	0.00	0.00	0.00	0.00
Centrex Intercom, Per line						
2 - 6 lines	0.00	9.08	7.78	5.83	3.88	2.58
7 - 24 lines	0.00	8.22	7.09	5.40	3.70	2.57
25 - 49 lines	0.00	7.96	6.85	5.19	3.52	2.41
GOLD PACKAGE						
System Charge,						
Per system						
2 - 6 lines	100.00	5.00	5.00	5.00	5.00	5.00
7 - 24 lines	150.00	5.00	5.00	5.00	5.00	5.00
25 - 49 lines	250.00	5.00	5.00	5.00	5.00	5.00
50 - 99 lines	350.00	5.00	5.00	5.00	5.00	5.00
100 - 199 lines	450.00	5.00	5.00	5.00	5.00	5.00
200 - 499 lines	550.00	5.00	5.00	5.00	5.00	5.00
Centrex Intercom, Per line						
2 - 6 lines	0.00	10.33	8.98	6.96	4.93	3.58
7 - 24 lines	0.00	9.47	8.29	6.52	4.75	3.57
25 - 49 lines	0.00	9.21	8.05	6.31	4.57	3.41
50 - 99 lines	0.00	8.81	7.67	5.96	4.25	3.11
100 - 199 lines	0.00	8.31	7.19	5.51	3.83	2.71
200 - 499 lines	0.00	7.77	6.67	5.02	3.37	2.27
Electronic Key Line, Per						
line						
2 - 6 lines	10.00	13.33	11.98	9.96	7.93	6.58
7 - 24 lines	10.00	12.47	11.29	9.52	7.75	6.57
25 - 49 lines	10.00	12.21	11.05	9.31	7.57	6.41
50 - 99 lines	10.00	11.81	10.67	8.96	7.25	6.11
100 - 199 lines	10.00	11.31	10.19	8.51	6.83	5.71
200 - 499 lines	10.00	10.77	9.67	8.02	6.37	5.27

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 253 Cancels Original Sheet 253

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-			Term Pay	ment Plans	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
			•	•	•	•
PLATINUM PACKAGE						
System Charge,						
Per system						
2 - 6 lines	\$1,200.00	\$150.00	\$150.00	\$150.00	\$150.00	\$150.00
7 - 24 lines	1,350.00	180.00	180.00	180.00	180.00	180.00
25 - 49 lines	1,500.00	200.00	200.00	200.00	200.00	200.00
50 - 99 lines	1,750.00	220.00	220.00	220.00	220.00	220.00
100 - 199 lines	2,000.00	240.00	240.00	240.00	240.00	240.00
200 - 499 lines	2,250.00	260.00	260.00	260.00	260.00	260.00
500+ lines	2,500.00	280.00	280.00	280.00	280.00	280.00
Centrex Intercom, Per						
line						
2 - 6 lines	0.00	11.33	9.94	7.86	5.77	4.38
7 - 24 lines	0.00	10.47	9.25	7.42	5.59	4.37
25 - 49 lines	0.00	10.21	9.01	7.21	5.41	4.21
50 - 99 lines	0.00	9.81	8.63	6.86	5.09	3.91
100 - 199 lines	0.00	9.31	8.15	6.41	4.67	3.51
200+ lines	0.00	8.77	7.63	5.92	4.21	3.07
Electronic Key Line,						
Per line						
2 - 6 lines						
7 - 24 lines	10.00	14.33	12.94	10.86	8.77	7.38
25 - 49 lines	10.00	13.47	12.25	10.42	8.59	7.37
50 - 99 lines	10.00	13.21	12.01	10.21	8.41	7.21
100 - 199 lines	10.00	12.81	11.63	9.86	8.09	6.91
200+ lines	10.00	12.31	11.15	9.41	7.67	6.51
	10.00	11.77	10.63	8.92	7.21	6.07
PACKAGE PRICES						
Voice Mail Network						
Support,						
Per Box						
	.50	.05	.05	.05	.05	.05
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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 254 Cancels Original Sheet 254

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-		,	Term Payı	ment Plans	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
DACKACE DDICEC						
PACKAGE PRICES (cont'd)						
(cont a)						
Caller ID Intercom,						
Per System						
2 - 6 lines	\$ 5.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00
7 - 24 lines	10.00	3.00	3.00	3.00	3.00	3.00
25 - 49 lines	20.00	5.00	5.00	5.00	5.00	5.00
50 - 99 lines	40.00	8.00	8.00	8.00	8.00	8.00
100 - 199 lines	80.00	15.00	15.00	15.00	15.00	15.00
200 - 499 lines	160.00	30.00	30.00	30.00	30.00	30.00
Caller ID,						
Per line						
1 - 6 lines	0.00	1.45	1.45	1.45	1.45	1.45
7 - 24 lines	0.00	1.25	1.25	1.25	1.25	1.25
25 - 49 lines	0.00	1.05	1.05	1.05	1.05	1.05
50 - 99 lines	0.00	.90	.90	.90	.90	.90
100 - 199 lines	0.00	.80	.80	.80	.80	.80
200+ lines	0.00	.75	.75	.75	.75	.75
Advanced Forward &						
Directory Package						
Additional Call						
Forward Multipath						
Arrangement,	50.00	5.00	5.00	5.00	5.00	5.00
Per arrangement	50.00	5.00	5.00	5.00	5.00	5.00
Additional Network						
Speed Calling,						
Per 100 number						
block	100.00	2.50	2.50	2.50	2.50	2.50

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By Connie Browning, President, Cleveland, Ohio

PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 255 Cancels Original Sheet 255

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-				ment Plans	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
DAOKAGE BRIGES						
PACKAGE PRICES						
(cont'd)						
Call Productivity,						
Per System						
2 - 6 lines	\$ 30.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00
7 - 24 lines	50.00	12.00	12.00	12.00	12.00	12.00
25 - 49 lines	75.00	25.00	25.00	25.00	25.00	25.00
50 - 99 lines	150.00	50.00	50.00	50.00	50.00	50.00
100 - 199 lines	300.00	100.00	100.00	100.00	100.00	100.00
200 - 499 lines	650.00	200.00	200.00	200.00	200.00	200.00
Cost Control Options Authorization Codes						
Additional Codes,						
per block of 25	80.00	1.00	1.00	1.00	1.00	1.00
Station-Specific Codes,						
Per line	2.00	1.20	1.15	1.10	1.00	.95
ARS Routing Arrangements Additional Patterns,	000.00	5.00	4.50	4.00	0.50	0.00
Per pattern	200.00	5.00	4.50	4.00	3.50	3.00
IDDD Dialing,						
Per system	650.00	20.00	20.00	20.00	20.00	20.00
7-10 Digit Screening, Per translation	350.00	0.00	0.00	0.00	0.00	0.00
Time of Day Routing, Per schedule	150.00	10.00	9.75	9.50	9.00	8.50

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P.U.C.O. NO. 20 Part 20 Section 5

PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

1st Revised Sheet 256 Cancels Original Sheet 256

BUSINESS SOLUTIONS CENTREX (cont'd) 9.

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-			Term Payr	ment Plans	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
PACKAGE PRICES (cont'd)						
Cost Control Options (cont'd)						
ARS Routing Arrangements (cont'd)						
Digit One Delivery	\$300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
ARS Changes Rearrangement Per occasion	200.00	0.00	0.00	0.00	0.00	0.00
Additional Time of Day Patterns, Per arrangement	100.00	0.00	0.00	0.00	0.00	0.00
Additional Remote Access Arrangements, Per arrangement	300.00	20.00	20.00	20.00	20.00	20.00
6-Port Audio Conferencing, Per 6-port facility	50.00	40.00	40.00	40.00	40.00	40.00
Enhanced Audio Conferencing, Per 30-port facility	200.00	150.00	150.00	150.00	150.00	150.00

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

2nd Revised Sheet 257 Cancels 1st Revised Sheet 257

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

E. Prices (cont'd)

PACKAGE PRICES (cont'd)

Centrex Virtual Network (CVN)

The following equation based on CCS and distance is used to determine the applicable monthly charge. The number of lines located 0 to 15 miles and 15 or more miles from the Hub location are used in the equation.

(Total lines within 0 to 15 miles)(\$CCS)/(Total lines in Network) + (Total lines beyond 15 miles)(\$CCS)/(Total lines in Network)+\$1.00

= Price per line per month (Rounded to the nearest multiple of \$.05)

CCS Values

CCS Values	0 - 15 Miles	15+ Miles
Max. 2.5	\$2.20	\$ 5.40
Max. 3.5	3.30	8.10
Max. 4.5	4.40	10.80
Max. 5.5	5.50	13.50
Max. 8.0	7.70	18.90

The Company reserves the right to reassess the pricing of the customer's network if the negotiated CCS is exceeded.

The following discount table is used for networks over 1,500 lines and is based on the contract length of the hub locations.

LINE SIZE	3-Year	5-Year	7-Year
1,500 - 3,999	10%	15%	20%
4,000 - 5,999	15%	20%	25%
6,000 - 7,999	20%	25%	30%
8,000 and above	25%	30%	35%

Apply Area Wide Networking Nonrecurring Per System charge found elsewhere in this pricing section.

For Optional Out of Network numbers apply the appropriate charges located under the Area Wide Networking feature found elsewhere in this pricing section.

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PART 20 - Grandfathered Services **SECTION 5 - Centrex Services**

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BUSINESS SOLUTIONS CENTREX (cont'd) 9.

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-		,	Term Payı	ment Plans	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
PACKAGE PRICES (cont'd)						
Audio Conference Options Conference Linking w/4 Additional Ports,						
Per arrangement	\$ 65.00	\$40.00	\$40.00	\$40.00	\$40.00	\$40.00
Conference Preset, Per group	400.00	25.00	25.00	25.00	25.00	25.00
Privacy Release Conference Control, Per system equipped	25.00	20.00	20.00	20.00	20.00	20.00
Area Wide Networking, Per system						
Non Recurring Charge						
1 - 200 lines,	700.00	0.00	0.00	0.00	0.00	0.00
201 - 500 lines,	1,000.00	0.00	0.00	0.00	0.00	0.00
Additional 500 line block	800.00	0.00	0.00	0.00	0.00	0.00
Out of Network numbers						
Up to 10 numbers, Per 50 number	30.00	0.00	0.00	0.00	0.00	0.00
block,	30.00	0.00	0.00	0.00	0.00	0.00

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-				ment Plans	
	recurring	1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
PACKAGE PRICES (cont'd)						
Area Wide Networking, (cont'd)						
Numbers input by Ameritech						
Up to 10 numbers,	\$ 75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Per 50 number block,	300.00	0.00	0.00	0.00	0.00	0.00
Recurring Charge, Per Line	0.00	1.00	1.00	1.00	1.00	1.00
Out of Network Numbers, Up to 10 numbers, Per 50 number block,	0.00 0.00	1.00 2.50	1.00 2.50	1.00 2.50	1.00 2.50	1.00 2.50
Electronic Key Line, Electronic Key Line Optional Features						
Calling Name Display on Intercom, Per line	5.00	.25	.25	.25	.25	.25
DSS/BLF with Fast Transfer and Camp On, Per line	100.00	9.00	9.00	9.00	9.00	9.00
Executive Display Communications, Per line	0.00	.50	.50	.50	.50	.50

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 260 Cancels Original Sheet 260

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

E. Prices (cont'd)

				Monthly	Payment		٦
	Non-				ment Plans		اك
Description	recurring Charge	1 Month	12 Months	36 Months	60 Months	84 Months	
PACKAGE PRICES (cont'd)							
Electronic Key Line Options (cont'd)							
Multiple Appearance Directory Number-MCA, Per appearance	\$ 5.00	\$.25	\$.25	\$.25	\$.25	\$.25	
Query Busy Station, Per queued station	7.50	1.50	1.50	1.50	1.50	1.50	
Secondary Directory Number, Per line	0.00	.25	.25	.25	.25	.25	
Per 10 or 18 Button Add-On Module, Per module	175.00	0.00	0.00	0.00	0.00	0.00	
Per 20 or 36 Button Add-On Module, Per module	175.00	0.00	0.00	0.00	0.00	0.00	
OPTIONAL FEATURES							
CTX Message Signal I/F, Per system	975.00	150.00	147.00	144.00	140.00	135.00	

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 261 Cancels Original Sheet 261

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices (cont'd)

	i noes (oon a)						
						Payment	
		Non-				ment Plans	T
		recurring	1	12	36	60	84
	Description	Charge	Month	Months	Months	Months	Months
	OPTIONAL FEATURES (cont'd)						
	Announcement Services Customer Premises Announcements Per link						
	(Note 1)	\$185.00	18.00	17.50	17.00	16.00	15.00
	CO Recorded Announcement Per announcement	180.00	40.00	39.00	37.00	34.00	30.00
	Assume Dial 9, Per line	5.00	3.25	3.25	3.25	3.25	3.25
	Call Request with Queue, Per line, Per system	0.00 95.00	1.00 0.00	1.00 0.00	1.00 0.00	1.00 0.00	1.00 0.00
	Direct Connect Originating, Per line	0.00	1.00	1.00	1.00	1.00	1.00
	Do Not Disturb, Per line, Per group of lines	5.00 50.00	2.00 4.00	2.00 4.00	2.00 4.00	2.00 4.00	2.00 4.00
	High Speed Data Service Per line	419.00	12.00	11.00	10.00	9.50	9.50
Э 1	Make Busy Access Code, Per line 1 - Requires a telecommunic	0.00 cations channe	4.95 el	4.95	4.95	4.95	4.95

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 262 Cancels Original Sheet 262

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-			Term Payı	ment Plans	
	recurring	. 1	12	36	60	84
Description	Charge	Month	Months	Months	Months	Months
OPTIONAL FEATURES (cont'd)						
Music On Hold Interface, per interface	\$ 200.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00
Outgoing Deluxe Trunk Queuing, Per termination	200.00	8.00	7.55	7.25	7.00	6.80
Queue Slots, Per slot	10.00	1.00	1.00	1.00	1.00	1.00
Private Facility Access <u>Termination.</u> (Line Side),						
(Line Side Access Connections are available at the prices shown for Centrex lines.)						
Private Facility Access <u>Termination.</u> (Trunk Side)						
Analog 2-Wire Termination, Per arrangement	75.00	25.00	25.00	25.00	25.00	25.00
Analog 4-Wire Termination, Per arrangement	75.00	25.00	25.00	25.00	25.00	25.00
DS1 Connection, Per arrangement	1,500.00	350.00	325.00	300.00	285.00	270.00

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

1st Revised Sheet 263 Cancels Original Sheet 263

9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

E. Prices (cont'd)

				Monthly	Payment	
	Non-				ment Plans	
Description	recurring Charge	1 Month	12 Months	36 Months	60 Months	84 Months
OPTIONAL FEATURES (cont'd)						
Special Intercept, Per message	\$150.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
Speed Call-Long, Per arrangement	0.00	.40	.40	.40	.40	.40
Speed Calling-Expanded Number Group, Per arrangement	0.00	.60	.60	.60	.60	.60
Stop Hunt Key, Per line (Note 2)	0.00	4.95	4.95	4.95	4.95	4.95
Supplemental 3-Digit <u>Dialing Service</u> Per system, Per 3-digit code	125.00 60.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
Trunk Verification from <u>Designated Station,</u> Per system	50.00	10.00	10.00	10.00	10.00	10.00
Uniform Call Distribution with Queuing, Per UCD group, Per line, Per EKL line	175.00 5.00 5.00	6.50 3.00 3.50	6.50 3.00 3.50	6.50 3.00 3.50	6.50 3.00 3.50	6.50 3.00 3.50

Note 1 Requires appropriate announcement services

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Note 2 May require a telecommunication channel, depending on the switch type

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BUSINESS SOLUTIONS CENTREX (cont'd) 9.

(T)

E. Prices (cont'd)

					Monthly	Payment	
		Non-			Term Payı	ment Plans	
		recurring	1	12	36	60	84
_	Description	Charge	Month	Months	Months	Months	Months
	SUBSEQUENT CHANGE CHARGES (cont'd)						
	Centrex Mate changes, Discontinue or reestablish line features, per occasion	\$22.00					
	Password change, per change	10.00					
	TRAINING CHARGES						
	Station User, Per Telco person, per hour	135.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Centrex Mate Per Telco person, per hour	135.00	0.00	0.00	0.00	0.00	0.00

Centrex Lines

Other Applicable Charges

Centrex Intercommunication

Competitive Loops

The quantity of Centrex Competitive Loops are determined by the Company by subtracting the (T) number of Centrex Network Access Lines from the total number of Centrex stations in service. The Competitive Loop rate and the associated discounts are determined by access area and quantity of Centrex Station Lines.

Competitive Loops /CPXJB/CPXJC/CPXJD/

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9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

E. Prices (cont'd)

Other Applicable Charges (cont'd)

Monthly Rate per Competitive	Loop
Access Area	

		70003	S AIGA		
	A	В	С	D	
2 - 47	For Future	\$13.00	\$14.00	\$15.00	
48 - 95	Use	13.00	14.00	15.00	
96 - 199		13.00	14.00	15.00	
200 - 293		13.00	14.00	15.00	
294 - 387		13.00	14.00	15.00	
388 - 579		13.00	14.00	15.00	
580 - above		13.00	14.00	15.00	

References

Reference:

Service	Reference	
Network Access	Part 4, Section 2 of this Tariff	(T)
Local Usage	Part 4, Section 2 of this Tariff	(T)
End User Common Line Charge	Ameritech Operating Companies, Access Service Tariff F.C.C. No. 2 Paragraph 4.1.7	7
Local Off Premises Stations	Part 4, Section 5 of this Tariff	(T)
Off Premises Stations	Part 15, Section 3 of this Tariff	(T)

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services

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9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

E. Prices (cont'd)

Payment Plans

Month to Month

Business Solutions Centrex is offered under a Month to Month Payment Plan. The provision of (T) Business Solutions Centrex under the Month to Month Payment Plan is dependent on the (T) availability and capacity of central office facilities. Month to Month prices will be subject to Company initiated price adjustments.

Term Payment Plans

Business Solutions Centrex is offered under contracted Term Payment Plans (TPP) which require (T) customers to pay a fixed charge for equipment and service over selected payment periods. A different monthly charge applies for the duration of each period. The same payment plan must apply to all intercommunication lines and features.

The minimum period is one month, unless otherwise specified. Contract Plans are available for 12-, 36-, 60- or 84-month payment periods. During the effective term of a customer payment period, the monthly price is not subject to Company initiated changes for payment periods longer than one month.

Services covered by a Contract Plan include:

- Centrex lines and optional features
- · System Features

Local Exchange Access is <u>not</u> covered by the Contract Plan.

Additions

Customers can add additional lines and/or features to the existing Centrex service anytime during the contract period. All additions of Centrex lines will be added at the existing contracted prices. All additions of system features will be added at the current price for the contract period. All additions to the Centrex service will be co-terminous with the original contract.

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9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

(T)

E. Prices (cont'd)

Payment Plans (cont'd)

Additions (cont'd)

Upon growth to another Line Commitment, the customer may select a contract period that is equal to or greater than the remaining life of the existing contract. At that time, the customer will become liable for the then current monthly price for the new Line Commitment. These prices will not be subject to Company initiated increases for the duration of the new contract period. If the customer chooses not to select a new contract period for a larger Line Commitment, the monthly price for the additional lines will be the price appropriate to the existing Line Commitment contract plan.

Contract Options

Prior to the completion of an Business Solutions Centrex contract plan, a customer may enter into (T) a new Business Solutions Centrex contract plan for a period equal to, or greater than, the terms of (T) the original contract plan at the prices currently in effect at the time. The customer will begin paying the new contract price on the day of signing the new contract plan.

Single Payment Option (SPO)

Deferred Payment Option (DPO)

Termination Charges

No Termination Liability Conditions

A customer may move their location within the same Central Office serving area or to another Central Office serving area without Termination Liability if the conditions specified under 3. Termination Without Liability are met.

Termination Liability

Renewal

Upon expiration of the contracted payment period, service will be converted to the monthly prices for the then current Centrex service.

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9. **BUSINESS SOLUTIONS CENTREX (cont'd)**

(T)

E. Prices (cont'd)

Payment Plans

Termination Charges (cont'd)

Termination Liability (cont'd)

<u>Under Utilization and Early Termination Charges:</u>

Early Termination Charges apply in the event the customer cancels this agreement prior to expiration without satisfying the conditions for Termination without Liability.

1. Early Termination Charges for Termination's with Liability:

If a customer terminates service prior to the expiration of this agreement or prior to the expiration of any renewal period, the customer will be required to pay 50% of the Line Commitment revenue amount for each month remaining on the unexpired term agreement.

2. Under Utilization Charges:

Each month the Customer is responsible for the greater of:

- monthly line charges for the Line Commitment quantity under contract, or
- monthly line charges for actual number of lines in use.
- 3. Termination without Liability:

A customer may terminate this agreement without liability upon the expiration date by providing written notice to the Company, which must be received 30 days prior to the (T) agreement expiration date at the address specified on the Business Solutions Agreement. A customer may discontinue this agreement without liability upon signing a new Business (T) Solutions Agreement and meeting two conditions:

- customer commits to a new Business Solutions agreement with a Line Commitment equal (T) to or greater than the existing agreement and;
- customer commits to a new term commitment equal to or greater than the term commitment of the existing agreement.

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PART 20 - Grandfathered Services SECTION 5 - Centrex Services 1st Revised Sheet 269 Cancels Original Sheet 269

9. BUSINESS SOLUTIONS CENTREX (cont'd)

(T)

E. Prices (cont'd)

Payment Plans

Assumption of Existing Contract:

The customer shall not assign or otherwise transfer its rights or obligations under any Centrex arrangement provided under this tariff without prior written consent of Ameritech. Such consent will not be unreasonably withheld or delayed. Any provisions to the contrary found elsewhere in this Tariff are superseded.

Conversion from existing Term Agreement:

(T) (T)

A new Business Solutions Agreement will cause an existing Centrex Agreement or Business Solutions Agreement to terminate automatically on the date of the new agreement without incurring Early Termination Charges as long as conditions in 3. above are met.

(T)

(T)

(T)

Limitation of Liability:

The liability, if any, of the Company for damages to the customer or to any third party, whether in negligence, tort, contract or otherwise, including but not limited to damages for non-performance or performance failure of the service provided under an Business Solutions Agreement, is limited to an amount equal to a prorata adjustment of applicable recurring charges for the service or any portion of the service.

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P.U.C.O. NO. 20 Part 20 Section 6

PART 20 - Grandfathered Services SECTION 6 - Central Office Services 2nd Revised Sheet 4 Cancels 1st Revised Sheet 4

2. DIGITAL TRANSPORT SERVICE (DTS)

A. Description

Digital Transport Service (DTS) provides a cost effective method of delivering voice grade service from the serving Central Office to a customer's premises. DTS is provided exclusively with DS1 Service (1.544 Mbps) and the 24 channels may be used for the transport of certain access lines for termination on customer-provided equipment. DTS supports Direct Inward Dialing (DID) Service, ValueLink Premier Service, Dedicated 800 Service, and PBX Trunks. Touch-Tone is a standard feature of DTS. DTS is an exchange service.

B. Terms and Conditions

- 1. DTS is offered in two serving arrangements, Integrated and Non-Integrated, from Central Offices where the Company has arranged facilities for such service.
 - a. Integrated Service is an arrangement that allows for the direct termination of digital trunks from a digital Central Office to customer-provided equipment. This arrangement supports Trunk side features only. The Integrated Arrangement is comprised of three elements:
 - (1) Trunk Terminations
 - (2) DS1 Distribution Channel and
 - (3) Digital Interface Termination.
 - b. Non-Integrated Service is an arrangement that allows for the termination of PBX trunks from an Analog or Digital Central Office to customer-provided equipment. This arrangement supports Trunk side and Line side features on those trunks. This arrangement is comprised of three elements:
 - (1) Trunk Terminations
 - (2) DS1 Digital Distribution Channel and
 - (3) Central Office Multiplexing.
- 2. Serving arrangements that require a mixture of Integrated and Non-Integrated terminations are provided as Non-Integrated Service.

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services

2nd Revised Sheet 5 Cancels 1st Revised Sheet 5

2. **DIGITAL TRANSPORT SERVICE (DTS) (cont'd)**

B. Terms and Conditions

- 3. The rate structure for DTS requires charges for Trunk Terminations, a DS1 local distribution channel, DS1 central office multiplexing or Digital Interface Termination (as required) and End User Common Line Charges (EUCL).
- 4. Additional charges for Central Office services and features such as Direct Inward Dialing (DID) Service, ValueLink Premier Service and Dedicated 800 Service are applicable when (T) appropriate.
- 5. All signals generated by Network Channel Terminating Equipment (NCTE) must comply with the signal and format constraints contained in Telcordia Publication TR-NPL-000054. Performance parameters for DTS can be found in Technical Reference manual AM-TR-TMO-000101. (T)
- 6. Availability and functionality of DTS may vary by serving Central Office and switch type. The Company will determine when Integrated or Non-Integrated terminations are required and whether DTS can be provisioned, or is compatible with, the customer's service and equipment.
- 7. If changes in Central Office technology permit the Company to convert a customer's Non-Integrated Termination to an Integrated Termination, the customer's rate will be adjusted to reflect the Integrated Termination rates. Nonrecurring charges are not applicable for Company initiated changes.
- 8. Clear Channel Capability as specified in Ameritech Operating Companies Access Tariff, F.C.C. No. 2, Section 6.1.3.A.3.d, is an optional feature of DTS, allowing the customer to transport maximum through put with no constraint on quantity or bit sequence.

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services

3rd Revised Sheet 7 Cancels 2nd Revised Sheet 7

2. DIGITAL TRANSPORT SERVICE (DTS) (cont'd)

C. Prices (cont'd)

Service Elements 1.

Description /Billing Code/	Nonrecurring Charge	Monthly Price	
A. Integrated Service Arrangement Rates:			
DS1 Facility (see tariff reference in C.2 following)			
Digital Interface Termination /F12/		\$350.00	
Per Trunk Termination (Channel)			
PBX Trunk /D5WPP/		16.00	
DID Trunk /D5WPD/		45.00	
Toll Terminal /D5WPT/		6.50	
Dedicated 800 /D5WP1/		12.50	
ValueLink Premier Service /D5WP0/		6.50	(T)
Subsequent Addition/Rearrangement Charge per trunk termination /1/ /NR9DT/	\$10.00		

Apply a Service Order Charge as specified in Part 3, Section 1 of this Tariff. /1/

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 3rd Revised Sheet 8 Cancels 2nd Revised Sheet 8

2. DIGITAL TRANSPORT SERVICE (DTS) (cont'd)

C. Prices (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	Nonrecurring Charge	Monthly Price	
B. Non-Integrated Service Arrangement Rates:			
DS1 facility (see tariff reference in C.2 following)			
Central Office Multiplexing (see tariff reference in C.2 following)			
Per Trunk Termination (Channel)			
PBX Trunk /D5WPP/		\$16.00	
DID Trunk /D5WPD/		45.00	
Toll Terminal /D5WPT/		6.50	
Dedicated 800 /D5WP1/		12.50	
ValueLink Premier Service /D5WP0/		6.50	(T)
Subsequent Addition/Rearrangement Charge per trunk termination /1/ /NR9DT/	\$10.00		

/1/ Apply a Service Order Charge as specified in Part 3, Section 1 of this Tariff.

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services

2nd Revised Sheet 9 Cancels 1st Revised Sheet 9

2. DIGITAL TRANSPORT SERVICE (DTS) (cont'd)

C. Prices (cont'd)

2. Other Applicable Charges and Payments

The rates and charges in C.1 preceding provide for the digital transport facility, multiplexing (as required) and the interface connection to the network. The additional rates and charges applicable for the specific services that can be provisioned on DTS channels can be found in the tariff references listed below.

References:

_	Service	Reference	_
	DS1 Service	Part 15, Section 3 of this Tariff	
	ValueLink Premier Service	Part 20, Section 9 of this Tariff	(T)
	Central Office Multiplexing	Part 15, Section 3 of this Tariff	
	Dedicated 800 Service	Part 10, Section 2 of this Tariff	
	Direct Inward Dialing (DID) Service	Part 6, Section 1 of this Tariff	
	End User Common Line Charges	Ameritech Operating Companies Access Services Tariff, F.C.C. No. 2, Section 4.1.7 (c)	
	Local Message Charges/Extended Community Calling Charges	Part 4, Section 2 of this Tariff	
	Message Telecommunications Service	Part 9, Section 1 of this Tariff	
	PBX Trunk	Part 4, Section 2 of this Tariff	
	Toll Terminal	Part 4, Section 5 of this Tariff	

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The Ohio Bell Telephone Company

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 6

PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet 10 Cancels Original Sheet 10

2. PRIMENUMBER SERVICE

(T)

(T)

Effective April 30, 2001, new installations of Prime Number Service will no longer be made. Existing (T) customers may retain this service until they change or disconnect their service.

A. Description

PrimeNumber Service is an optional intraLATA service that provides business customers with multiple locations, a single telephone number per LATA to terminate incoming calls. Calls to the single number are routed to the location nearest the calling party or as specified by the customer.

B. Definitions

Record - A record is an entry in the routing table or database which is necessary to route the incoming calls.

C. Terms and Conditions

The General Regulations of this Tariff apply to PrimeNumber Service. (T)

The General Regulations specify the Company's liability associated with interruptions to service (T) and damages associated with the provision, maintenance, or restoration of PrimeNumber Service. (T)

The following regulations apply to PrimeNumber Service in addition to those referenced above. (T)

- 1. A prospective PrimeNumber Service subscriber must make separate arrangements for business Local Exchange Access Service prior to establishment of PrimeNumber Service.
- 2. PrimeNumber Service is available where facilities or arrangements permit.
- 3. PrimeNumber Service is only available on a twelve (12) month term basis. The twelve (12) month period will begin on the completion date of the Service Order.

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services

1st Revised Sheet 11 Cancels Original Sheet 11

2. PRIMENUMBER SERVICE (cont'd)

(T)

C. Terms and Conditions (cont'd)

- 4. Applicable charges for local, toll, public or semi-public calls placed to an PrimeNumber will be (T) billed to the originating party.
- 5. Additional Directory listings are available at rates provided elsewhere in this tariff.
- 6. A unique telephone number may be assigned to only one PrimeNumber Service subscriber (T) within a LATA.
- 7. PrimeNumber Service is compatible with Caller ID Service network functionality. Caller ID (T) Service is available to PrimeNumber Service subscribers where facilities permit at the (T) applicable tariff rates.
- 8. With establishment of PrimeNumber Service, the subscriber will be provided with a SecureID (T)access card. Additional or replacement SecureID cards will be available for a separate fee to be agreed upon by the Company and the subscriber. (T)
 - SecureID cards provide the subscriber with access to the PrimeNumber Service network (T) system in order to maintain or modify the subscriber Routing Table or Database, and to access standard PrimeNumber Service reports.

(T)

Upon receipt of the SecureID card(s), the subscriber assumes responsibility for safeguarding the use of their assigned card(s) and for any breaches to security resulting from the loss or misuse of the SecureID card(s).

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet 12 Cancels Original Sheet 12

2. PRIMENUMBER SERVICE (cont'd)

(T)

D. Features

1. Standard Feature(s)

Where facilities permit, Standard Feature(s) will be provided as integral component(s) of PrimeNumber Service.

(T)

Basic Announcement

The Basic Announcement is activated when the network is unable to automatically identify and route the telephone number of the calling party. The Basic Announcement will prompt the calling party to enter the appropriate telephone number and then forward the call to an PrimeNumber Service subscriber location.

(T)

2. Optional Feature(s)

Where facilities and number availability permit, Optional Feature(s) will be made available to PrimeNumber Service subscribers at applicable rates.

(T)

Seven (7) Digit Option

Allows a PrimeNumber Service subscriber to serve customers in a LATA with multiple NPAs with a single seven (7) digit telephone number.

Day of Year and Time of Day Routing

Allows a PrimeNumber Service subscriber to select the location to which calls will be routed based upon the time of day and day of year (specific date) that calls originate.

Day of Week and Time of Day Routing

Allows a PrimeNumber Service subscriber to select the location to which calls will be routed based upon the time of day and day of week that calls originate.

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 2nd Revised Sheet 13 Cancels 1st Revised Sheet 13 and 1st Revised Sheet 13-P

2. PRIMENUMBER SERVICE (cont'd)

(T)

E. Prices

1. Service Elements

	Non-		
Description	recurring Charge	Monthly Price	
Description	Charge	FIICE	_
PrimeNumber Service, per LATA	\$295.00	\$125.00	(T)
- 7 Digit Option, per additional NPA	295.00	95.00	
Routing Table or Database			
Initial Development or Subsequent Reload			
First 1,000 RecordsEach Additional 1,000 Records or fraction thereof	80.00 70.00	-	
Storage Fee			
- per record	-	0.02	
Maintenance (Records Updated by the Company)			(T)
- First 50 Records	5.00	-	
 Additional Records beyond the first 50, per record 	0.07	-	
Distribution/Routing Criteria, per Prime Number			(T)
NPA or NPA/NXXNPA/NXX-XXXX with Zip Code	75.00 125.00	50.00 75.00	

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 2nd Revised Sheet 14 Cancels 1st Revised Sheet 14 and 1st Revised Sheet 14-P (N)

2. PRIMENUMBER SERVICE (cont'd)

(T)

E. Prices (cont'd)

1. Service Elements (cont'd)

Description	Non- recurring Charge	Monthly Price	
Routing Options, per Prime Number			(T)
Day of Year and Time of DayDay of Week and Time of Day	\$50.00 50.00	\$25.00 25.00	
Charge per Subscriber Route to Number/Location	-	10.00	
Charge Per Call to Prime Number, per Subscriber Route To Number/Location			(T)
Description	Price Pe	er Call ^{/1/}	<u> </u>
Number of Calls per Month, per LATA			
1 - 15,000 15,001 - 40,000 40,001 - 80,000 80,001 or greater	\$0.12 0.06 0.055 0.05		
Description	Price Pe	r Minute	_
Additional Minutes of Use			
Per Minute, for each minute of use beyond the first thirty (30) minutes of each message	\$0.04		

/1/ All calls are billed at the same rate for the billing period. The applicable Rate Per Call is determined by the volume rate schedule and the total number of calls during the billing period.

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The Ohio Bell **Telephone Company**

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 6

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

1st Revised Sheet 15 Cancels Original Sheet 15

2. PRIMENUMBER SERVICE (cont'd)

(T)

E. Prices (cont'd)

2. Termination Charges

PrimeNumber Service is only available on a twelve (12) month term basis.

(T)

In the event that a subscriber initiates a Service Order request for PrimeNumber Service, and subsequently cancels the Service Order prior to full operational establishment of service, the subscriber remains liable for all nonrecurring service establishment charges specified in this Tariff.

(T)

Subscribers that cancel their PrimeNumber Service before the term expiration date will be billed (T) a termination liability which consists of a lump sum equal to the non-usage sensitive monthly recurring charges specified in this tariff times the number of months remaining on the term period, rounded up to the nearest whole month.

Any cancellation or termination liability lump sum payment will become due and payable in its entirety immediately upon calculation and presentation of the lump sum bill statement.

At the expiration of the twelve (12) month term period, subsequent monthly billing will revert to the PrimeNumber Service monthly rates in effect at that time, as specified in this Tariff. (T) Termination liability charges are no longer applicable once the term period has expired and billing reverts to a month-to-month basis.

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P.U.C.O. NO. 20 Part 20 Section 6

PART 20 - Grandfathered Services SECTION 6 - Central Office Services

2nd Revised Sheet 18 Cancels 1st Revised Sheet 18

3. PACKET SWITCHED NETWORK SERVICE (cont'd)

B. Regulations (cont'd)

The PSN requires the use of Customer Provided Equipment (CPE). This equipment, used in 7. conjunction with the PSN port terminations, is subject to the limitations specified in the following Technical References:

<u>Protocol</u>	Technical Reference	(D)
X.25	AM-TR-NPL-000002	(D)
Asynchronous	AM-TR-NPL-000003	
X.75	AM-TR-NPL-000016	
ISDN	AM-TR-OAT-000068	(D)

CPE used in association with the PSN is, in addition, subject to the limitations of the Technical References for Exchange Terminations. The following is a list of the Exchange Terminations available and their corresponding Technical References:

Туре	Transmission	Technical	
Termination	Capability	Reference	(D)
Analog	300 bps to 9600 bps	AM-TR-NPL-000001	(D)
Digital	2400 bps to 64 Kbps	AM-TR-NPL-000007	
ISDN	Up to 64 Kbps	AM-TR-NPL-000068	(D)

The Technical References may be obtained from:

- The 50% Evening. Weekend and Holiday discount is available in all compatibly equipped central offices.
- Verification of customer provided PADs and computer equipment may be required by the Company for PSN compatibility.

The applicable PSN usage charges are:

- Premium Packet Access (if appropriate)
- Holding Time
- Data Transport Minutes of Use
- **Data Transport Kilosegments**
- Fast Select (if appropriate)
- Protocol Conversion (if appropriate)

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By Connie Browning, President, Cleveland, Ohio

P.U.C.O. NO. 20 Part 20 Section 6

(T)

PART 20 - Grandfathered Services SECTION 6 - Central Office Services 2nd Revised Sheet 26 Cancels 1st Revised Sheet 26

3. PACKET SWITCHED NETWORK SERVICE (cont'd)

E. Usage Charges (cont'd)

4. Data Transport (cont'd)

Kilosegment measurement counts the number of segments transmitted. A kilosegment is 1000 segments. A segment has a billable length of 64 octets of customer information. The minimum initial session is 40 segments and additional usage is measured in segments. Segments are totaled at the end of the billing period and rounded to the next whole kilosegment for rating purposes.

5. ISDN Interface

The ISDN Interface is for the purpose of allowing other networks to terminate directly onto an ISDN Integrated Packet Handler (IPH). This will give the other network access to the ISDN lines served by that IPH and only that IPH. They must connect on an X.75 port connection in addition to the digital private line.

where interconnection agreements are in place. This service is rated in seconds of call use.

6. AT&T Ohio Transaction Charge

AT&T Ohio Transaction Charge provides dial up service using a single telephone number anywhere in the Company serving area and other Independent Telephone Company areas

Evening, Weekend and Holiday Discounts

An evening, weekend and holiday 50% discount in rates will apply on the following:

- Holding time
- Data transport charge
- Protocol conversion charge
- Fast select (if appropriate)

The evening discount will apply for any portion of a call occurring Monday through Friday during the period from 4:00 P.M. up to but not including 7:00 A.M.

The weekend and Holiday* 50% discount will apply for any portion of a call through the entire day.

* The observed holidays are New Year's Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 2nd Revised Sheet 29 Cancels 1st Revised Sheet 29

3. PACKET SWITCHED NETWORK SERVICE (cont'd)

G. Rates and Charges (cont'd)

Desc	ription	USOC	Rate			
4. l	4. Usage					
a.	Holding time per 1/10 minute or fraction thereof		\$0.0008			
b.	Premium Packet Access per 1/10 minute or fraction thereof		0.0035			
C.	Fast Select per Request		0.01			
d.	Data Transport Charge per 1/10 minute or fraction thereof	HRBM1	0.0015			
e.	Data Transport Charge per Kilosegment	HRBKX	0.24			
f.	AT&T Ohio Transaction Charge, per minute		0.09	(T)		
g.	ISDN Interface Charge per 1/10 minute or fraction thereof	HRBMG	0.0005			
h.	ISDN Interface Charge per Kilosegment	HRBKG	0.08			

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 4th Revised Sheet 30 Cancels 3rd Revised Sheet 30

4. DIGITAL SWITCHED NETWORK SERVICES

Effective July 16, 2005, no further installations, moves, rearrangements, or changes of any type will be made to Packet Switched Network Services, including Digital Switched Network Service. Customers of record on July 16, 2005 may continue their service as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be reestablished.

The preceding supersedes all of the rules and regulations that follow.

A. Reference To Technical Publications

The following technical publications are referenced and may be obtained from the APEX Support (T) Team, at (734) 523-7348 (T)

Ameritech Technical Reference AM-TR-NPL-000002 Ameritech Technical Reference AM-TR-NPL-000003 Ameritech Technical Reference AM-TR-NPL-000007 Bell System Technical Reference Publication 41214

B. General Regulations

Definitions

Octet

Eight binary digits.

Call Initiation

The point where common control network facilities are initially allocated to the establishment of a specific switched virtual circuit.

Call Termination

The point where common control network facilities allocated to a specific switched virtual circuit are released for reuse by the network.

Consultative Committee International Telephone and Telegraph (CCITT)

A United Nations International Communications standards body.

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Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

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(T)

PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet 39 Cancels Original Sheet 39

4. DIGITAL SWITCHED NETWORK SERVICES (cont'd)

B. General Regulations (cont'd)

- 7. Responsibility of the Customer (cont'd)
 - a. The customer shall be responsible for: (cont'd)
 - Obtaining permission for Company agents or employees to enter the premises of the customer or authorized user at any reasonable hour for the purpose of installing, inspecting, repairing or, upon termination of the service, removing the facilities of the Company, and for;
 - Making Company facilities available periodically for maintenance purposes at a time agreeable to both the Company and the customer. No allowance will be made for the period during which the service is interrupted for such purposes.
 - b. Where DSN Service is available under this Tariff for use in connection with customerprovided equipment or authorized user equipment, the operating characteristics of such
 equipment or systems shall be such as not to interfere with any of the services offered by the
 Company. Such use is subject to Part 68 of the Federal Communications Commission's
 Rules and Regulations and Part 2, Section 9 of this Tariff and the further provisions that the
 equipment provided by a customer or authorized user 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 facilities or otherwise injure the public in its
 use of the Company services. Upon notice from the Company that the equipment provided
 by a customer or authorized user is causing or is likely to cause such hazard or interference,
 the customer shall take such steps as shall be necessary to remove or prevent such hazard
 or interference.

Where a customer connects a customer-provided communications system to a DSN Service the customer shall be responsible for:

- Compatibility of the connected communications system; and the
- Testing and sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to a DSN Service.

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PART 20 - Grandfathered Services SECTION 6 - Central Office Services 1st Revised Sheet 47 Cancels Original Sheet 47

5. PREMIERE 2/6 COMMUNICATIONS SYSTEM® (cont'd)

C. Definitions (cont'd)

2. Optional Features (cont'd)

Line Features (cont'd)

Call Forwarding - Incoming calls to an exchange access line can be automatically forwarded to another line within or outside the Premiere 2/6 System. Call forwarding is activated and deactivated via an access code.

Alternate Answering - This feature automatically transfers calls to an exchange access line to another pre-designated line. The alternate line may be within or outside of the Premiere System. If the alternate line is outside the system, it must be served by the same central office as the entire PREMIERE 2/6 System. When this feature is selected, calls will be transferred to the alternate line whenever a busy condition is encountered and/or after a preselected number of rings on an incoming call to the equipped line. Changes to this feature must be requested from the Company. This optional feature is not compatible with multiline hunt service.

(T)

Convenience Dialing - By dialing an access code followed by two digits, station users can access up to 30 frequently called or emergency numbers. Multiple lines can share the same convenience dialing list. One customer specified exchange access line controls the programming of the 30 number convenience list.

800 Bridge - allows an 800 number to terminate on a Premiere line.

System Features

Deluxe Call Transfer - allows the station user to transfer any established call to another line, within or outside the system.

Distinctive Ringing - provides a unique ringing pattern giving a station user the ability to distinguish between an incoming call from outside the Premiere System and an intercom call within the system.

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 2nd Revised Sheet 1 Cancels 1st Revised Sheet 1 and 1st Revised Sheet No. 1-P (N)

1. MULTIPLE CALL OPTION^{/1/}

Multiple Call Option allows customers with Alternate Answering and/or Busy Line Transfer service to specify the number of calls transferred simultaneously.

The following charge applies to the Multiple Call option. Such charge is in addition to the monthly rate for Alternate Answering and Busy Line Transfer services:

	Nonrecurring
Description /Billing Code/	Charge
Per addition or change /EKM/	\$3.00

/1/ Effective November 6, 1994, no further installations of, or changes to Multiple Call Option will be made. Lines with Multiple Call Option in service on November 6, 1994 will be continued in service for as long as such lines remain at the location at which they were being furnished on the aforementioned date.

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 3rd Revised Sheet 3
Cancels 2nd Revised Sheet 3
and 1st Revised Sheet No. 3-P (N)

2. INTERCOM CALLING^{/1/} (cont'd)

C. Feature Capabilities (cont'd)

- 3. Selective Call Transfer Permits the transfer of calls between extensions. The customer can answer an incoming call on one extension, depress the switch hook, dial an access code for one of the three different patterns, and go on hook. All extensions on the exchange service would then ring with the appropriate ringing pattern corresponding to the dialed code. Anyone going off hook from those extensions would be connected to the call automatically.
- 4. Dialable Call Hold Permits the customer to place a non-intercom call (i.e., incoming call) on hold by depressing the switch hook, dialing an access code and going on hook. The call will then remain on hold until any telephone is taken off hook or the calling party goes on hook. During this hold, any telephone going off hook is connected to the call.

D. Rates and Charges

The following rates and charges are in addition to all other applicable rates and charges for the facilities and service furnished:

Description Monthly Price

1. Intercom Calling feature, per line \$5.00

/1/ Effective April 16, 1993, no further installations of, or changes to Intercom Calling will be made. Intercom Calling in service on April 16, 1993 will be continued in service only for as long as such service remains at the location at which it is being furnished on the aforementioned date, and so long as the facilities are available.

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 4th Revised Sheet 6 Cancels 3rd Revised Sheet 6 and 2nd Revised Sheet No 6-P (N)

3. CUSTOM CALLING SERVICE PACKAGES (cont'd)

D. Prices

1. Service Elements

Description /Billing Code/	Monthly Price
Call Waiting Value Pack /PKB5K/	\$15.95
Caller ID Value Pack /PKB7J/	22.65

2. Other Applicable Charges and Payments

Any nonrecurring charge associated with the installation of multiple Custom Calling or Advanced Custom Calling Features on the same order apply.

P.U.C.O. NO. 20 Part 20 Section 7

PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features

3rd Revised Sheet 7 Cancels 2nd Revised Sheet 7 and 1st Revised Sheet 7-P (N)

ANONYMOUS CALL REJECTION

Description

Anonymous Call Rejection (ACR) is a service that enables residential customers the ability to reject calls from parties who have a privacy feature that prevents the delivery of their calling number to the called party when the called party has Caller ID with Name. With ACR the called customer receives no alerting or ringing for a call that is rejected. The call is routed to a denial announcement and subsequently terminated. The calling party hears a denial announcement which indicates the calling party can retry their call after unblocking their number.

Terms and Conditions

ACR will only be available to customers subscribing to Caller ID with Name who are served out of the analog 1AESS switches and where facilities permit. This switch based service will be available on subscription basis only. When customers have ACR activated, all incoming calls that are marked private will be routed to an announcement. The customer will not be alerted at all that any calls were attempted to their line. There are no control options available to the customer. The service is always active.

C. Prices

Service Elements

Description /Billing Code/ Monthly Price Anonymous Call Rejection /AYK/ \$3.00

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features

4th Revised Sheet 9 Cancels 3rd Revised Sheet 9 and 1st Revised Sheet No. 9-P (N)

CALL MANAGER PACKAGE (cont'd)

C. Terms and Conditions

- 3. Customers who currently subscribe to all features of the Call Manager Package will be able to request billing at the Package price.
- 4. Reductions in monthly rates for combinations of Complementary Network Services features provided on the same line, as specified elsewhere in this tariff, do not apply to the Call Manager Package.
- 5. The rate specified for the Call Manager Package is in addition to applicable charges for service and equipment with which it is used.

F. **Prices**

1. Service Elements

> Description /Billing Code/ Monthly Price Call Manager Package /PKB6G/ \$15.00

Other Applicable Charges and Payments

Any nonrecurring charge associated with the installation of multiple Custom Calling Service, Advanced Custom Calling Service or Complementary Network Service Features on the same order apply.

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 1st Revised Sheet 20 Cancels Original Sheet 20

7. SENSIBLE LOCAL SOLUTIONSM PACKAGE (cont'd)

C. Terms and Conditions

- 1. The Sensible Local Solution Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the Sensible Local Solution Package may request billing at the package price.
- 3. The service components of the Sensible Local Solution Package are provided on a per line or per account basis as follows:
 - Access line (Central Office Termination, Network Termination and Flat Rate Service) Line Level
 - Saver Pack 120 Account Level
 - BASICS ChoiceSM Line Level
- 4. Customers subscribing to the Sensible Local Solution Package will benefit from the package rate until they change or disconnect their service, or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than AT&T Ohio or if their line is toll restricted, they will no longer qualify for the Sensible Local Solution Package.
- When the customer changes or disconnects any component of the Sensible Local Solution Package, then the remaining components of the package will be billed at their individually tariffed rates.
- 6. Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the Sensible Local Solution Package.
- 7. Nonrecurring installation charges do not apply to the Sensible Local Solution Package, but such charges may apply to installation of the access line.

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P.U.C.O. NO. 20 Part 20 Section 7

PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 1st Revised Sheet 23 Cancels Original Sheet 23

10. 2-LINE COMPLETE LOCAL SOLUTIONSM PACKAGE (cont'd)

C. Terms and Conditions

- 1. The 2-Line Complete Local Solution Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the 2-Line Complete Local Solution Package may request billing at the package price.
- 3. The service components of the 2-Line Complete Local Solution Package are provided on a per line or per account basis as follows:
 - Two Access Lines (Central Office Termination, Network Termination and Flat Rate Service)
 Line Level
 - Unlimited Local Toll Line Level
 - BASICS ChoiceSM Line Level (Primary Line)
 - Call Waiting Line Level (Additional Line)
 - Caller ID Line Level (Additional Line)
 - Caller ID with Name Line Level (Additional Line)
- 4. Customers subscribing to the 2-Line Complete Local Solution Package will benefit from the package rate until they change or disconnect their service, or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than AT&T Ohio or if their line is toll restricted, they will no longer qualify for the 2-Line (T) Complete Local Solution Package.
- Disconnected monthly rates for any other combinations of the services provided in this
 package on the same line, as specified elsewhere in this tariff, do not apply to the 2-Line
 Complete Local Solution Package.
- 6. Nonrecurring installation charges do not apply to the 2-Line Complete Local Solution Package, but such charges may apply to installation of the access lines.

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 1st Revised Sheet 26 Cancels Original Sheet 26

11. COMPLETE LOCAL SOLUTIONSM PACKAGE (cont'd)

C. Terms and Conditions

- 1. The Complete Local Solution Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the Complete Local Solution Package may request billing at the package price.
- 3. The service components of the Complete Local Solution Package are provided on a per line or per account basis as follows:
 - Access Line (Central Office Termination, Network Termination, and Flat Rate Service) -Line Level
 - Unlimited Local Toll Line Level
 - BASICS ChoiceSM Line Level
- 4. Customers subscribing to the Complete Local Solution Package will benefit from the package rate until they change or disconnect their service or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than AT&T Ohio or if their line is toll restricted, they will no longer qualify for the Complete Local Solution Package.
- 5. When the customer changes or disconnects any component of the Complete Local Solution Package, then the remaining components of the package will be billed at their individually tariffed rates.
- 6. Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the Complete Local Solution Package.
- 7. Nonrecurring installation charges do not apply to the Complete Local Solution Package, but such charges may apply to installation of the access line.

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P.U.C.O. NO. 20 Part 20 Section 7

PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 1st Revised Sheet 29 Cancels Original Sheet 29

13. Complete LOCAL SOLUTION PLUSSM (cont'd)

C. Terms and Conditions

- 1. The Complete Local Solution Plus Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the Complete Local Solution Plus Package may request billing at the package price.
- 3. The service components of the Complete Local Solution Plus Package are provided on a per line or per account basis as follows:
 - Access Line (Central Office Termination, Network Termination, and Flat Rate Service) -Line Level
 - Unlimited Local Toll Line Level
 - BASICS ChoiceSM Line Level
 - Complimentary Network Services Line Level
- 4. Customers subscribing to the Complete Local Solution Plus Package will benefit from the package rate until they change or disconnect their service or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than AT&T Ohio or if their line is toll restricted, they will no longer qualify for the Complete Local Solution Plus Package.
- 5. When the customer changes or disconnects any component of the Complete Local Solution Plus Package, then the remaining components of the package will be billed at their individually tariffed rates.
- Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the Complete Local Solution Plus Package.
- 7. Nonrecurring installation charges do not apply to the Complete Local Solution Plus Package, but such charges may apply to the installation of the access line.

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PART 20 - Grandfathered Services SECTION 7 - Central Office Optional Features 1st Revised Sheet 32 Cancels Original Sheet 32

14. 2-LINE COMPLETE LOCAL SOLUTION PLUSSM (cont'd)

C. Terms and Conditions

- 1. The 2-Line Complete Local Solution Plus Package is available to any residence customer where all package components are available.
- 2. Residence customers currently subscribing to all services in the 2-Line Complete Local Solution Plus Package may request billing at the package price.
- 3. The service components of the 2-Line Complete Local Solution Plus Package are provided on a per line or per account basis as follows:
 - Two Access Lines (Central Office Termination, Network Termination and Flat Rate Service)
 Line Level
 - Unlimited Local Toll Line Level
 - BASICS ChoiceSM Line Level (Primary Line)
 - Call Waiting Line Level (Additional Line)
 - Caller ID Line Level (Additional Line)
 - Caller ID with Name Line Level (Additional Line)
 - Complimentary Network Services (Primary Line)
- 4. Customers subscribing to the 2-Line Complete Local Solution Plus Package will benefit from the package rate until they change or disconnect their service or are subject to disconnection due to partial payment or nonpayment of their bill. When a customer chooses a toll provider other than AT&T Ohio or if their line is toll restricted, they will no longer qualify for the 2-Line Complete Local Solution Plus Package.
- (T)
- 5. When the customer changes or disconnects any component of the 2-Line Complete Local Solution Plus Package, then the remaining components of the package will be billed at their individually tariffed rates.
- 6. Discounted monthly rates for any other combinations of the services provided in this package on the same line, as specified elsewhere in this tariff, do not apply to the 2-Line Complete Local Solution Plus Package.
- 7. Nonrecurring installation charges do not apply to the 2-Line Complete Local Solution Plus Package, but such charges may apply to the installation of the access line.

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P.U.C.O. NO. 20 Part 20 Section 8

PART 20 - Grandfathered Services SECTION 8 - Miscellaneous Services

1st Revised Sheet 7 Cancels Original Sheet 7

2. AUTOMATIC METER READING (AMR) SERVICE

Effective January 15, 1998, new installations of Automatic Meter Reading (AMR) service will no longer be made. Existing systems may be retained under contract terms and conditions through their expiration.

A. General

- 1. Automatic Meter Reading (AMR) Service provides for the remote reading of metering equipment located on a patron's premises by a Utility Company (customer) or other entity providing gas, water or electric utility services.
- AMR service consists of Company central office equipment and facilities which provide a transmission path via the patron's exchange service between the customer's computer terminal, which contains a data base to track and store the meter readings, and a meter interface unit located on its patron's premises.
- AMR service provides the customer access to a patron's exchange service without ringing or interfering with the patron's use of the exchange service.
- 4. The AMR central office common equipment consists of a Controller, which directs the AMR intra-office connecting facility to provide access to the patron's exchange service; an intra-office connecting facility, which allows use of the patron's exchange service for the transport of meter reading data between the customer's data collection device and the AMR central office common equipment.

A Meter Interface Unit (MIU), which is provided by the customer in accordance with Part 68 of the Federal Communications Commission rules and regulations and which is technically compatible with the Company provided Central Office Controller and facilities, is located on the patron's premises. The MIU connects the patron's basic exchange service to the Utility meter.

5. AMR service is activated by the customer's call to the Controller telephone number. After an exchange of security checks between the Controller and the customer's data collection device, a transmission path is established and the meter reading process may begin.

B. Regulations

- 1. AMR is available where facilities and conditions permit.
- AMR may be provided in connection with all classes and grades of basic exchange service. Utility patrons must have basic exchange service.
- 3. AMR central office common equipment is required in each Company central office for (T) each customer requesting AMR service.

Issued: December 17, 2007

Effective: December 17, 2007 In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003, Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

(T)

(T)

P.U.C.O. NO. 20 Part 20 Section 8

PART 20 - Grandfathered Services SECTION 8 - Miscellaneous Services

1st Revised Sheet 8 Cancels Original Sheet 8

2. AUTOMATIC METER READING (AMR) SERVICE (cont'd)

B. Regulations (cont'd)

4. The Company shall not be liable for any errors or omissions, whether arising through negligence or otherwise, in the meter reading data furnished; and the customer and its patrons shall indemnify, defend and save the Company harmless against all claims, including costs and reasonable attorney's fees, that may arise from the use of such meter reading equipment or data.

(T)

(T)

- Approval of the above tariff language by the PUCO does not constitute a determination by the Commission that the limitation of liability made a condition of service by the Company should be upheld in a court of law. Approval by the Commission merely recognizes that since it is a court's responsibility to adjudicate damage claims, it is also the court's responsibility to determine the validity of the limitation clause.
- 5. The Company shall have no liability to the customer for its patron's exchange access line outages.

(T)

- 6. It is the responsibility of the customer to obtain its patron's telephone numbers and consent of the patron for the use of their exchange access lines. Furthermore, the customer has the sole responsibility to install and maintain any required terminal equipment on their premises and their patron's premises.
- 7. Nothing contained in this tariff shall be construed as establishing any agency agreement or partnership between the Company and the customer. The customer shall be responsible for obtaining all licenses, permits and authorizations required by an authority and will comply with all codes, equipment or services employed by it in providing AMR.

(T)

- 8. Calls completed between the customer and the AMR central office common equipment via the customer's basic exchange line will be billed at the appropriate local or toll rates specified in Part 4, Section 2 and Part 9, Section 1 of this tariff.
- 9. A Maintenance of Service Charge will be billed to the customer for each repair visit to the patron's premises in connection with a service difficulty when it is determined that the difficulty is due to the meter reading terminal equipment. In those cases where the meter reading terminal equipment is utilized by multiple customers, one of the customers will be designated as responsible for such equipment.
- The customer must obtain written consent from its patrons to permit each AMR
 connection; and at the discretion of the Company the customer must provide proof of
 such written consent.

(T)

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P.U.C.O. NO. 20 Part 20 Section 8

PART 20 - Grandfathered Services SECTION 8 - Miscellaneous Services 2nd Revised Sheet 9 Cancels 1st Revised Sheet 9 and 1st Revised Sheet No. 9-P (N)

2. AUTOMATIC METER READING (AMR) SERVICE (cont'd)

C. Rates and Charges

The following AMR usage charges are applicable when a transmission path is established between the AMR central office equipment and the meter reading equipment located on the customer's premises.

Description	Rate Periods	Charge Per Read
Day	8:00 AM to 11:00 PM	\$.12
Evening	11:00 PM to 8:00 AM ^{/1/}	.07

Time of day provisions apply to each day of the week.

AMR usage is billed per data port read.

AMR Central Office Common Equipment

For an initial installation of AMR service, the customer must select an initial payment period of longer than one month's duration. Upon the expiration of the initial payment service period, the customer may select any payment period covered by Part 2, Section 3 of this Tariff.

Description	Installation	Variable Term Option Monthly Rate				
Description	เกรเลแลแบบ			MOHILIN Kal	e	_
/Billing Code/	Charge	1 Mo.	36 Mo.	60 Mo.	84 Mo.	120 Mo.
Central Office Controller per, central office /MRM/	\$1,000.00	\$500.00	\$450.00	\$350.00	\$275.00	\$200.00
Intra-office Connecting Facility, per central office /MRK/	-	60.00	55.00	50.00	45.00	40.00

/1/ To but not including.

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In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003,

Case No. 02-3069-TP-ALT.

By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

P.U.C.O. NO. 20 Part 20 Section 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

3rd Revised Sheet 1 Cancels 2nd Revised Sheet 1

OPTIONAL OFF-PEAK TOLL SERVICE 1.

Note: Effective March 11, 1993, no further installation of, or changes to Optional Off-Peak Toll service will be made. Optional Off-Peak Toll service in service on March 11, 1993, will be continued in service only for as long as such service remains at the location at which service was being furnished on the aforementioned date. Optional Off-Peak Toll service will be withdrawn on November 1, 1998, or earlier in the event that the in-service count declines to zero.

A. Regulations

- Off-peak toll service is an optional offering involving one-way customer-dialed only calling to exchange areas within the State of Ohio that are not over 22 airline miles (defined in Part 9, Section 1 of this tariff) from the exchange area in which the customer is located.
- Off-peak toll service is provided subject to the availability of message toll telephone service facilities. In case a shortage of facilities exists, the provision of message toll telephone service shall take precedence over this service.
- Off-peak toll service is provided for all residence customers and on all lines and trunks for nonresidence customers.
- Off-Peak toll service will be offered in an exchange area at the option of the serving Company, (T) or upon application to such company of 5% or 100 customers in that exchange area, in any of the following mileage bands to be designated by the serving Company: 10, 16 or 22 airline (T) miles.

The Company will only offer a single service covering 0-22 miles but other concurring telephone (T) companies may elect shorter distances.

- Off-peak toll service is available from 3:00 PM on any week day to 9:00 AM the following week day, from 3:00 PM on Friday to 9:00 AM the following Monday and on Holidays as defined in Part 9, Section 1 of this tariff.
- Off-peak toll service will not be furnished with foreign central office or foreign exchange services set forth in Part 4, Section 3 of this tariff.

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P.U.C.O. NO. 20 Part 20 Section 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 2nd Revised Sheet 7 Cancels 1st Revised Sheet 7

1. OPTIONAL OFF-PEAK TOLL SERVICE (cont'd)

B. Rates

- 1. Monthly rates for off-peak toll service are based on distance and are determined on a per line basis for the first hour and each additional fifteen minutes of use. Unless otherwise requested by the customer, where off-peak toll is furnished on two or more services of the same class, grade and type on a given premises, the initial time period will be the product of one hour multiplied by the number of services; the additional period will be the sum of the accumulated measured times of such services in excess of that product.
- 2. Each message will be counted as at least one minute in duration.
- 3. Rates for off-peak toll service are as follows:

		First Hour	Each Addition	nal 15 Minutes
Optio	on Miles	or Fraction	Thereof or	Fraction Thereof
1	0 - 10	\$3.15	\$.75	(C)
2	0 - 16	3.75	.90	
3	0 - 22	4.15	1.05	(C)

Note: The Company will only offer a single service covering 0-22 miles but other concurring telephone companies may elect shorter distances in various exchange areas.

(T)

- 4. When off-peak is ordered on an existing service, the change charge set forth in Part 3, Section 1 of this tariff or the appropriate concurring telephone company's tariff will apply.
- A minimum service period of one month is applicable and applies only to toll messages after the service is instituted. In no case will it apply to toll messages made before ordering the service.
 - a. The minimum service period of one month begins the day following completion of establishment of the service.
 - b. The minimum charge applicable in event a customer terminates off-peak toll service prior to one month is the charge for the first hour.

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AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 9

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PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

3. VALUELINK PREMIER

2nd Revised Sheet 10 Cancels 1st Revised Sheet 10

Effective December 19, 1997, no further installations of, or changes to ValueLink Premier will be (T) made. Customers on a Term Payment Plan longer than month-to-month on December 19, 1997, may continue their service until the contract expiration date, as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that ValueLink Premier is discontinued at its present location for any reason, it will not be (T) reestablished. A. Description ValueLink Premier is a discounted outbound intraLATA Toll usage plan. The ValueLink Premier (T) usage and term commitment structure allows customers to receive reduced per minute rates.

All AT&T-Ohio exchange areas as set forth Part 4, Section 1 of this tariff.

ValueLink Premier is available for calls originating from the exchange areas designated below:

B. Terms and Conditions

In addition to the regulations set forth in other portions of this tariff, the following terms and conditions apply to this service.

- 1. ValueLink Premier rates apply to customer-dialed station-to-station intraLATA long distance (T) calls. ValueLink Premier cannot be combined with any other message telecommunications usage calling plan. ValueLink Premier is available on Centrex switching systems. (T)
- 2. Centrex switching systems require Virtual Routing for the provisioning of ValueLink Premier. (T)
- 3. ValueLink Premier is available on a month-month, 12-, 24- or 36-month term plan. (T)

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AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 2nd Revised Sheet 11 Cancels 1st Revised Sheet 11

3. VALUELINK PREMIER (cont'd)

(T)

B. Terms and Conditions (cont'd)

4. ValueLink Premier provides the following features:

(T)

- a. Price Protection which guarantees no price increases for the duration of the 12-, 24-, or 36-month term plan. Price Protection is not provided for the month-month plan
- b. Contract Upgrade which allows the customer to upgrade to longer term and/or larger volumes at lower prices.
- 5. ValueLink Premier offers a variety of monthly usage package options. These usage package options represent different levels of Minimum Monthly Usage Commitment (MMUC) or Minimum Annual Usage Commitment (MAUC), per account, among which customers may choose. The monthly usage package option selected by the customer will be the minimum monthly usage charge for the service at the payment plan selected by the customer.
- 6. The ValueLink Premier MMUC and MAUC, per account, per usage package option, and per minute rates are those set forth in C. following.
- 7. ValueLink Premier usage is billed in initial 18 second or fraction thereof and each additional 6 (T) second or fraction thereof increments.

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PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 2nd Revised Sheet 12 Cancels 1st Revised Sheet 12

3. VALUELINK PREMIER (cont'd)

(T)

C. Prices

(1) **CENTREX SYSTEMS**

Month-Month Term		D= 0.14/1/	0== 0= 11/1/
-		PEAK ^{/1/}	OFF-PEAK ^{/1/}
<u>Option</u>	MMUC	Rate/Min	Rate/Min
(1)	\$ 500	\$0.0890	\$0.0710
(2)	1,000	0.0870	0.0690
(3)	1,500	0.0850	0.0680
(4)	2,000	0.0830	0.0660
(5)	2,500	0.0810	0.0640
12-Month Term			
<u>Option</u>	MAUC	Rate/Min.	Rate/Min
(1)	\$ 6,000	\$0.0830	\$0.0660
(2)	12,000	0.0790	0.0630
(3)	18,000	0.0770	0.0610
(4)	24,000	0.0750	0.0600
(5)	30,000	0.0730	0.0580
24-Month Term			
<u>Option</u>	MAUC	Rate/Min.	Rate/Min
(1)	\$ 6,000	\$0.0810	\$0.0640
(2)	12,000	0.0770	0.0610
(3)	18,000	0.0750	0.0600
(4)	24,000	0.0730	0.0580
(5)	30,000	0.0710	0.0560
36-Month Term			
Option	MAUC	Rate/Min.	Rate/Min
(1)	\$ 6,000	\$0.0790	\$0.0630
(2)	12,000	0.0750	0.0600
(3)	18,000	0.0730	0.0580
(4)	24,000	0.0710	0.0560
(5)	30,000	0.0690	0.0550
• •			

^{/1/} The PEAK Rate Period extends from 8:00 AM to 5:00 PM* Monday through Friday.

The OFF-PEAK Rate Period extends from 5:00 PM to 8:00 AM* Monday through Friday and all day Saturday and Sunday.

*To, but not including

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PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

1st Revised Sheet 13 Cancels Original Sheet 13

3. **VALUELINK PREMIER (cont'd)**

(T)

C. Prices (cont'd)

Payment Plans:

ValueLink Premier is available on a month-month, 12-, 24- or 36-month term plan.

(T)

a. Month-to-Month:

The month-month term plan requires a Minimum Monthly Usage Commitment (MMUC). The MMUC is a minimum usage level that a customer must commit to per month, per account, in order to receive the discounted per minute rate. If the total ValueLink Premier usage charges are below the MMUC in any given month, the full amount of the applicable MMUC will apply in lieu of the actual usage charges.

(T)

b. Term Payment Plans:

The 12-, 24- and 36-month term plans require Minimum Annual Usage Commitments (MAUC).

The MAUC is a minimum usage level that a customer must commit to per year, per account, in order to receive the discounted per minute rate. If the total ValueLink Premier usage charges are below the MAUC in any given year, then the remaining balance of the MAUC will apply.

(T)

c. Termination Charges:

Customers who terminate their 12-, 24- or 36-month plans before the expiration date of the contract will be billed a termination liability which consists of a lump sum equal to the MAUC rate times the number of years or fraction thereof, remaining on the contract. Commission approval of the above termination liability language is not intended to indicate that the Commission has sanctioned any particular legal result should a dispute arise between the parties. In the event of dispute signators to such contracts may pursue whatever legal remedies they deem appropriate to resolve the dispute.

d. At the expiration of the selected ValueLink Premier term, if the customer does not (T) expressly indicate election of a new term, rates will revert to the highest Month-Month per minute rate.

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AT&T TARIFF

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(T)

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

Virtual Routing

1st Revised Sheet 14 Cancels Original Sheet 14

Part 5, Section 1

3. **VALUELINK PREMIER (cont'd)** (T) C. Prices (cont'd) 3. Other Applicable Charges and Payments Centrex switching systems require Virtual Routing for the provisioning of ValueLink Premier. (T) References: Service Reference

4.

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 9

(T)

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

AREA WIDE CALLING

2nd Revised Sheet 15 Cancels 1st Revised Sheet 15

Effective June 10, 1999, no further installations or moves to Area Wide Calling will be made. Customers of record on June 10, 1999 may continue their service as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that these services are discontinued at their present location, they will not be reestablished.

A. Description

Area Wide Calling is a residential optional calling plan that offers thirty (30) minutes of toll calling (T) to exchanges within the customer's home LATA.

B. Terms and Conditions

- 1. Area Wide Calling is applicable only to direct dialed intraLATA toll calls. (T)
- 2. Area Wide Calling is an option available to any class of residence service (excluding PBX (T) trunks).
- 3. Area Wide Calling is available for calls between exchange areas designated below: (T)

AT&T-Ohio (T)

- All AT&T-Ohio exchange areas as set forth in Part 4, Section 1 of this tariff. (T)

The Champaign Telephone Company

- Urbana
- Terry Haute

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AT&T TARIFF

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PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

1st Revised Sheet 15.1 Cancels Original Sheet 15.1

4. **AREA WIDE CALLING** (T) B. Terms and Conditions (cont'd) 4. Call detail is provided with Area Wide Calling for toll calls. (T) 5. Area Wide Calling is offered to customers statewide, however it is applicable only to intraLATA (T) toll calls within the customer's home LATA. 6. Area Wide Calling may not be combined with any other optional calling plan. (T) 7. Area Wide Calling excludes operator-handled and customer-dialed credit card calls. (T)

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services

7th Revised Sheet 16 Cancels 6th Revised Sheet 16

4. AREA WIDE CALLING (cont'd)

(T)

B. Terms and Conditions

8. Area Wide Calling is time-of-day insensitive.

(T)

- 9. A monthly rate is applicable to provide Area Wide Calling per line, includes thirty (30) minutes, or (T) fraction thereof, of usage and is in addition to all other rates and charges; except that when a residence customer has more than one residence line and such lines are billed as one account (consolidated billing), only one monthly rate and allowance are applicable.
- 10. The thirty minute usage allowance provided under the Area Wide Calling monthly rate must be (T) used in the current month. Any unused portion of the allowance will not be credited to the customer's account and may not be carried over.
- 11. Usage in excess of the thirty (30) minute allowance will be billed at Schedule B Residence rates as set forth in Section 1 of this Part less a 30% discount.

C. Prices

The Area Wide Calling monthly rate includes thirty (30) minutes (or fraction thereof) of Area Wide (T) Calling usage.

1. Service Elements

Description	Nonrecurring Charge	
Area Wide Calling, each (includes 30 minutes of use)	\$5.50	(T)

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P.U.C.O. NO. 20 Part 20 Section 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet 36 Cancels Original Sheet 36

6. PEAK/OFF-PEAK PLAN^{/1/}

A. Description

The Peak/Off-Peak Plan is an optional calling plan that provides residence customers with a simplified intraLATA message toll pricing option. The Peak/Off-Peak Plan consists of a fixed rate per minute with Peak and Off-Peak discount periods. The fixed per minute rate is not distance sensitive.

B. Terms and Conditions

The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff.

- 1. The Peak/Off-Peak Plan is available to residence customers.
- 2. The Peak/Off-Peak Plan is not available on ISDN lines.
- The Peak/Off-Peak Plan is applicable to customer dialed station-to-station calls only. Operator handled and customer dialed credit card calls are not included.
- 4. The Peak/Off-Peak Plan is available statewide, however it is applicable only to intraLATA toll calls within the customer's home LATA.
- 5. The Peak/Off-Peak Plan cannot be combined with any other optional calling plan on the same line.
- 6. The Peak/Off-Peak Plan is only available to customers of AT&T Ohio's residence local exchange service. (T)
- 7. No Service Charges are applicable to establish or change to the Peak/Off-Peak Plan.

/1/ Effective August 1, 2004, no further installation of, or changes to the Peak/Off-Peak Plan will be made. Peak/Off-Peak service in service on August 1, 2004 will be continued in service only for as long as such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.

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P.U.C.O. NO. 20 Part 20 Section 9

PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet 38 Cancels Original Sheet 38

11. SAVER PACK 30^{/1/} (T) A. Description Saver Pack 30 is an optional calling plan that provides residence customers with a simplified (T) intraLATA message toll pricing option. Saver Pack 30 consists of a single monthly rate for a (T) specified number of usage minutes per month. **B.** Terms and Conditions The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff. 1. Saver Pack 30 is only available to customers of AT&T Ohio's residence local exchange service. (T) 2. Saver Pack 30 is not available on ISDN lines. (T) 3. Saver Pack 30 is applicable to customer dialed station-to-station calls only. Operator handled (T) and customer dialed credit card calls are not included. 4. Saver Pack 30 is available statewide, however it is applicable only to intraLATA toll calls within (T) the customer's home LATA. 5. Saver Pack 30 cannot be combined with any other optional calling plan on the same line. (T) 6. Saver Pack 30 is available on an account basis. (T) 7. No Service Charges are applicable to establish or change to Saver Pack 30. (T)

/1/ Effective August 1, 2004, no further installation of, or changes to Saver Pack 30 will be made. (T) Saver Pack 30 service in service on August 1, 2004 will be continued in service only for as long as (T) such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.

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PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet 40 Cancels Original Sheet 40

11. SAVER PACK 60^{/1/} (T) A. Description Saver Pack 60 is an optional calling plan that provides residence customers with a simplified (T) intraLATA message toll pricing option. Saver Pack 60 consists of a single monthly rate for a (T) specified number of usage minutes per month. **B.** Terms and Conditions The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff. 1. Saver Pack 60 is only available to customers of AT&T Ohio's residence local exchange service. (T) 2. Saver Pack 60 is not available on ISDN lines. (T) Saver Pack 60 is applicable to customer dialed station-to-station calls only. Operator handled (T) and customer dialed credit card calls are not included. 4. Saver Pack 60 is available statewide, however it is applicable only to intraLATA toll calls within (T) the customer's home LATA. 5. Saver Pack 60 cannot be combined with any other optional calling plan on the same line. (T) 6. Saver Pack 60 is available on an account basis. (T) 7. No Service Charges are applicable to establish or change to Saver Pack 60. (T)

/1/ Effective August 1, 2004, no further installation of, or changes to Saver Pack 60 will be made. (T) Saver Pack 60 service in service on August 1, 2004 will be continued in service only for as long as (T) such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.

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PART 20 - Grandfathered Services SECTION 9 - Message Toll Services 1st Revised Sheet 42 Cancels Original Sheet 42

11. SAVER PACK 120^{/1/} (T) A. Description Saver Pack 120 is an optional calling plan that provides residence customers with a simplified (T) intraLATA message toll pricing option. Saver Pack 120 consists of a single monthly rate for a (T) specified number of usage minutes per month. B. Terms and Conditions The terms and conditions contained herein are specific to the service and are in addition to the regulations set forth in other portions of this tariff. Saver Pack 120 is only available to customers of AT&T Ohio's residence local exchange (T) service. (T) 2. Saver Pack 120 is not available on ISDN lines. (T) Saver Pack 120 is applicable to customer dialed station-to-station calls only. Operator handled and customer dialed credit card calls are not included. (T) 4. Saver Pack 120 is available statewide, however it is applicable only to intraLATA toll calls within the customer's home LATA. (T) Saver Pack 120 cannot be combined with any other optional calling plan on the same line. (T) 6. Saver Pack 120 is available on an account basis. (T) 7. No Service Charges are applicable to establish or change to Saver Pack 120.

/1/ Effective August 1, 2004, no further installation of, or changes to Saver Pack 120 will be made. (T) Saver Pack 120 service in service on August 1, 2004 will be continued in service only for as long as such service remains at the location at which service is being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be re-established.

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P.U.C.O. NO. 20 Part 20 Section 10

PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS) 4th Revised Sheet 1 Cancels 3rd Revised Sheet 1

1. WIDE AREA TELECOMMUNICATIONS SERVICE

Effective November 11, 1996, no further installations, moves, rearrangements, or changes of any type to Wide Area Telecommunications Service (WATS) will be made. Customers of record on November 11, 1996 may continue their service as long as such service remains at the location at which it was being furnished on the aforementioned date. In the event that these services are discontinued at their present location for any reason, they will not be reestablished. The preceding supersedes all of the rules and regulations that follow. Effective January 31, 2007, Wide Area Telecommunications Service will be withdrawn in its entirety.

A. Regulations

 The following general regulations are applicable to Wide Area Telecommunications Service (WATS). In addition, where reference is made in this tariff to regulations, rates and charges specified in Tariffs of the Company, such Tariffs as they now exist, or as they may be revised, added to or supplemented, are hereby adopted and made a part of this Tariff.

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2. Definition

- a. WATS includes two types of service as set forth below: (All 800 Service can be provisioned with an 800 or 888 service number.)
 - (1) Outward WATS is the furnishing of facilities required for dial type telecommunications from a telephone over a WATS access line to telephones within the State of Ohio, in accordance with the regulations, rates and charges specified herein.
 - (2) 800 Service (Inward WATS) is the furnishing of facilities required for dial type telecommunications from telephones within the State of Ohio over a WATS access line to a telephone, in accordance with the regulations, rates and charges specified herein.
 - The WATS rates and charges set forth in this Tariff are in payment for the service furnished between the calling and called stations.
- b. Dial type telecommunications, as specified in a. above, are calls dialed from or to a telephone connected to a WATS access line or, if facilities are not available for dial completion, a call placed with an operator from or to such telephone. The call may also be placed with an operator in the same manner if for any reason a called dial station cannot be reached.

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PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS)

1st Revised Sheet 1.1 Cancels Original Sheet 1.1

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

A. Regulations (cont'd)

- 2. Definition
 - c. A WATS access line is a line connected to a Company central office and is provided as (T) follows:
 - (1) For the purpose of originating calls (Outward WATS) or receiving calls (800 Service), but not for both.
- 3. Undertaking of the Company (T)
 - The Company does not undertake to transmit messages but furnishes the use of its facilities to (T) its customers for communications.
- 4. Availability of Service
 - The furnishing of service under this tariff will require certain physical arrangements of the facilities of the Company and is therefore subject to the availability of such facilities.
- 5. Liability of the Company (T)
 - a. In view of the fact that the customer has exclusive control of his communications over the facilities furnished him by the Company, and of the uses for which facilities may be furnished (T) him by the Company, and because of unavoidableness of errors incident to the furnishing of the services and to the use of such facilities of the Company, the services and facilities furnished by the Company are subject to the terms, conditions and limitations herein specified. (T)
 - The Company's liability, if any, for its willful misconduct is not limited by this Tariff. With respect to any other claim or suit, by a customer, or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the provisions of c. through e. following, the Company's liability, if any, shall not (T) exceed an amount equal to the proportionate charge for the service for the period during which the service was affected.

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P.U.C.O. NO. 20 Part 20 Section 10

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PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS) 1st Revised Sheet 2 Cancels Original Sheet 2

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

connected to facilities furnished by the Company.

A. Regulations (cont'd)

5. Liability of the Company (cont'd)

c. The Company shall be indemnified and saved harmless by the customer or customers against (T) claims for libel, slander or the infringement of copyright arising directly or indirectly from the material transmitted over the facilities or the use thereof; against claims for infringement of patents arising from combining with, or using in connection with, facilities furnished by the Company, apparatus and systems of the customer; against all other claims arising out of any act or omission of the customer in connection with the facilities provided by the Company; and (T) against any and all losses from damage to the customer's facilities or equipment attached or

- d. When the lines of another telephone company are used in establishing connections to points
 not reached by the Company's lines, the Company shall not be held liable for any act or
 omission of the other company.
- e. The Company does not guarantee nor make any warranty with respect to equipment provided by it for use in an explosive atmosphere. The customer or customers indemnifies and holds the Company harmless from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or customers or by any other person or persons, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, whether owned by customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of said equipment so provided.

The Company may require each customer to sign an agreement for the furnishing of such equipment as a condition precedent to the furnishing of such equipment.

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PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS) 1st Revised Sheet 3 Cancels Original Sheet 3

1. WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

A. Regulations (cont'd)

5. Liability of the Company (cont'd) (T)

The customer shall furnish, install and maintain sealed conduit with explosion-proof fittings between the equipment provided by the Company and points outside the hazardous areas where connection may be made with regular facilities of the Company. The customer may also be required to install and maintain the equipment within the hazardous area if, in the opinion of the Company, injury or damage to Company employees or property might result from the installation or maintenance of such equipment by the Company.

6. Limitations of Service

- a. WATS does not include person-to-person, collect, or conference calls, or other calls requiring operator handling except as provided in B.2.b. preceding.
- b. WATS is not represented as adapted for connection to other services of the Company or to customer-provided facilities. It is contemplated that the service will have satisfactory transmission only between the telephone connected to the access line and the calling or called station.

7. Advance Payments

The Company reserves the right to require applicants to make such advance payments as may (T) be necessary to the protection of the Company's Wide Area Telecommunications Service (T) revenues. The amount of the advance payment is credited to the customer's account as applying to any indebtedness under the contract.

8. Construction Charges

The charges as set forth in Part 2, Section 5 of this Tariff are applicable to WATS.

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PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS)

1st Revised Sheet 4 Cancels Original Sheet 4

WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd)

A. Regulations (cont'd)

9. Denial and Restoration of Service

See Part 2, Section 2 of this Tariff.

10. Deposits

See Part 2, Section 2 of this Tariff.

11. Payment for Service

See Part 2, Section 2 of this Tariff.

12. Authorized Attachments or Connections

See Part 2, Section 9 of this Tariff.

13. Broadcast of Recordings of Telephone Conversations

See Part 2, Section 9 of this Tariff.

- 14. Use of the Service
 - a. The Company will permit the resale or sharing of WATS under the terms and regulations in (T) Part 2, Section 2 of this Tariff and subject the provisions of this Tariff.
 - b. WATS is furnished subject to the condition that there will be no abuse or fraudulent use of the service, as defined in Part 2, Section 2 of this Tariff.
 - c. A written notice will be sent to any customer following oral notification when their service unreasonably interferes with or impairs other services rendered to the public by the Company. (T) If, after notification, the customer makes no modification in method of operation or in the service arrangements that are deemed service-protective by the Company, or if the customer (T) is unwilling to accept the modifications, or if the customer continues to cause service impairment, the Company reserves the right, at any time without further notice, to institute (T) protective measures, up to and including termination of service. In an emergency situation as defined by the Company, the Company reserves the right to suspend service without advance (T) notice.

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PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS)

1st Revised Sheet 6 Cancels Original Sheet 6

WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd) 1.

A. Regulations (cont'd)

- 23. Allowance for Interruptions
 - a. Allowance for interruptions apply to each Inward and Outward WATS access line as follows:
 - (1) When the WATS access line is interrupted for a period of less than 2 hours, no credit applies.
 - (2) When the WATS access line is interrupted for a period of 2 hours to 24 hours, a credit of \$23.00 applies.
 - (3) When the WATS access line is interrupted for a period of more than 24 hours, a credit of \$23.00 applies for each 24 hour period or any fraction thereof.
 - (4) The credit in (2) and (3) above includes all credit to be applied for an interruption.
 - (5) None of the above credit allowances will be made for:
 - (a) non-completion of WATS messages due to busy network conditions;
 - (b) interruption of service due to customer-provided equipment or systems;
 - (c) interruption of service due to the negligence of the customer;
 - (d) interruption of service during any period in which the Company is not afforded access to (T) the premises at which the WATS access line is terminated; or
 - (e) interruption of service during any period when the customer has released the WATS access line to the Company for maintenance purposes, or implementation of a customer (T) order for a change in service arrangement.
 - b. Message toll telephone service furnished to a customer when his WATS access line is interrupted is charged for at the message toll telephone service rates specified in Part 9, Section 1 of this Tariff.

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PART 20 - Grandfathered Services SECTION 10 - Wide Area Telecommunications Services (WATS)

1st Revised Sheet 8 Cancels Original Sheet 8

WIDE AREA TELECOMMUNICATIONS SERVICE (cont'd) 1.

B. WATS Service (Inward WATS and Outward WATS)

- 1. Rates and Charges
 - a. WATS service includes a WATS access line component. The WATS access line consists of all facilities, including outside plant facilities and premises wiring, from the Company serving (T) central office equipment to the first Company-provided jack or outlet on the customer's (T) premises as covered in C.6. following.
 - b. The monthly rates for WATS access lines are as follows:

Description /Billing Code		Monthly Rate
(1)	Outward WATS /WFCOS/	\$27.50
(2)	800 Service (Inward WATS) /WFC1S/	32.00

2. Message Usage Charging

The furnishing of WATS is based upon message usage determined separately for outward WATS and 800 Service as follows:

- Determine the total number of calls.
- Determine the equivalent hours used by applying the minimum average time requirement of b. 60 seconds, i.e., 1 call = 1 minute.
- Determine the total actual hours used. C.
- Determine the chargeable hours which is the greater of b. or c. preceding, rounded to the d. nearest tenth (one decimal place).
- Determine the total number of access lines in service during the month. Access lines in service for a fraction of a month are based on the number of days in service divided by 30 days. The result is rounded to the nearest hundredth (two decimal places).
- Determine the average use per line by dividing the chargeable hours in d. preceding by the number of access lines in e. preceding.
- Determine the usage charge per line by multiplying the hourly rate in each appropriate hourly group (see i. following) by the number of hours used in each such group and totaling these charges.
- Determine the total usage charge by multiplying the usage charge per access line in g. preceding by the total number of access lines in e. preceding.

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By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

Case No. 02-3069-TP-ALT.

P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

2nd Revised Sheet 1 Cancels 1st Revised Sheet 1

1. RESTORATION PRIORITY CHARGE

Upon receipt of certification in conformance with Part 64, Subpart D, Appendix A of the Federal Communications Commission's Rules and Regulations which specifies the priority system for restoration of private line service, the Company will change the priority designation of a private line service. A restoration priority change charge in an amount equal to the charge specified in Part 15, Section 1, applies when the customer requests a change in the restoration priority after the service has been established or after the service has been ordered but prior to start of service. No charge applies when the restoration priority certification is provided with the order to establish the service.

(T)

Effective September 10, 1990 no further requests for Restoration Priority (RP) Service will be accepted by the Company. Existing RP customers will be converted to the Telecommunications Service Priority (TSP) System subject to the provisions set forth in 2.6.11 preceding.

(T)

RP service will expire on March 10, 1993, or when all services are converted to TSP, whichever is sooner.

P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 2 Cancels Original Sheet 2

2. CHANNELS

2.1 Classification and Rates

2.1.1 Basic Digital Service (BDS)

Effective March 16, 1992, no further requests for, or rearrangements of Basic Digital Service will be accepted by the Company. Existing customers who will not experience any increase in rate will be converted to Base Rate Service at no charge. For those customers Base Rate Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Basic Digital Service.

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(T)

A. Types and Description

Basic Digital Service (BDS) provides for the four-wire simultaneous two way transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6 or 56 Kilobits per second (Kbps).

BDS is used to connect two customer premises for digital communication between such premises, or a customer premise and central office.

B. Regulations

In addition to the regulations set forth in Part 15, Section 2 of this tariff, the following regulations apply to BDS.

- The regulations specified herein are in addition to the applicable regulations specified in this and other tariffs of this Company, except as modified in the following paragraphs:
 - a. Termination Charges

(1) When service is terminated by the customer, or by the Company for any reason for which it may terminate such service under the provisions of this tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished: (T)

(a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charge will be charges due for the unexpired portion of the one month period.

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PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 7 Cancels Original Sheet 7

2. CHANNELS (Cont'd)

2.2 High Capacity Transport Service

Effective March 16, 1992, no further requests for Direct High Capacity Service will be accepted by the Company. Existing customers who will not experience any increase in rate will be converted to DS1 Service at no charge. For those customers DS1 Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Direct High Capacity Service.

A. General

- 1. High Capacity Transport Service consists of two-point digital channels and equipment which provides for simultaneous two-way isochronous transmission at a speed of 1.544 Megabits per second (Mbps). High Capacity Transport Service may be used to connect:
 - a. two customer premises
 - b. a customer premises and the central office
 - c. between central offices for access between Centrex Services.

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PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

1st Revised Sheet 8 Cancels Original Sheet 8

2. CHANNELS (Cont'd)

2.2 High Capacity Transport Service (Cont'd)

B. Regulations

- 1. The regulations specified herein are in addition to the applicable regulations specified in this and other tariffs of this Company.
- 2. High Capacity Transport Service is offered under the Variable Term Payment Plan (VTPP) as specified in Part 2, Section 3 of this tariff. All conditions and regulations pertaining to the VTPP are included in Part 2, Section 3 of this tariff, except as modified in the following paragraphs:
 - a. Termination Charges
 - (1) When service is terminated by the customer, or by the Company for any reason for which it may terminate such service under the provisions of this tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished:
 - (a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charges will be charges due for the unexpired portion of a twelve month period.

(b) Contract Periods of Three or Five Years

In the case of services for which the initial contract period is three or five years, the termination charges will be an amount equal to fifty per cent of the charges for the unexpired portion of such initial contract period, at the rate in effect at the time the service is discontinued.

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P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

1st Revised Sheet 9 Cancels Original Sheet 9

2. CHANNELS (Cont'd)

2.2 High Capacity Transport Service (Cont'd)

B. Regulations (Cont'd)

- 3. Availability of Service
 - a. High Capacity Transport Service can only be provided from central offices equipped for appropriate digital transmission.
 - High Capacity Transport Service is available on channels confined to the same building or continuous property on a cost incurred basis.
- 4. Provision of Service
 - a. High Capacity Transport Service is available only on a two-point basis.
 - b. Performance Criteria
 - (1) High Capacity Transport Service is designed to provide an average performance of at least 95% error-free seconds of transmission measured over a continuous 24 hour period.
- 5. Customer Signal Parameters

All signals generated by customer terminal equipment must meet the signal and format constraints described in Bell System Technical Reference Publication 43801 dated November, 1982, Bell System Technical Reference Publication 41451 dated January, 1983 and in Bell System Technical Reference Publication 62411 dated September, 1983.

C. Service Functions

- 1. Channelization
 - a. Channelization equipment will be provided by the Company at the central office. If the
 customer wants the channelization equipment located on his premises, the equipment must
 be provided by the customer.
 - b. The Company will provide channelization equipment at the central office when the customer desires two-point, premises to central office or central office to central office services.
 - c. Company provided central office channelization equipment provides service for up to 24 voice grade channels. (T)
- 2. Channel Plug-Ins

One channel plug-in is required for each channel termination in the channelization equipment.

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By Connie Browning, President, Cleveland, Ohio

P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 26 Cancels Original Sheet 26

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE'11

(T)

A. Description

FDDI Service is a high speed fiber optic data transmission service operating at a data rate of 100 (T) megabits per second. The service will be provided to customers with two or more designated premises on an intra-or inter-wire center basis within a LATA. This service can be used to connect customer locations in a point-to-point or multi-point configuration.

FDDI Service is designed to provide a high bandwidth, general purpose interconnection between computers and peripheral equipment, including the interconnection of Local Area Networks (LANs) and other networks. It also can be used to extend campus data networks to off-site locations. Typical applications are transferring large files between data bases and providing access to high speed printers and graphics/CAD/CAM programs.

Customer interface to the FDDI Service network termination point is a single mode to multimode (T) fiber interface, at the customer location.

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers (T) with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 27 Cancels Original Sheet 27

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd)

(T)

B. Definitions

Channel Mileage

Provides for the digital transmission facilities between serving wire centers within the network and their respective wire center node termination.

Premises Node Termination

Provides for the termination of digital transmission facilities on a customer's designated premises node. Included as part of the premises node termination is a standard channel interface arrangement which defines the technical characteristics associated with the service.

Central Office Regenerator

When a signal regenerator is required it must be provided at one of the Company's wire centers.

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers (T) with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 28 Cancels Original Sheet 28

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd)

(T)

C. Terms and Conditions

In addition to regulations set forth elsewhere in this Tariff, the following regulations apply to Fiber (T) Distributed Data Interface (FDDI) Service:

- A customer-provided optical interface will not be allowed. All customer-provided equipment
 must deliver the data signal for FDDI Service within industry specifications for the subscribed
 data service.
- FDDI Service provides physical layer transport only. Error detection and correction of transported data is the customer's responsibility. The Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of or defects in such transmission, the reception of signals by CPE, or address signaling to the extent addressing is performed by the CPE.
- 3. FDDI Service is provided at the option of the Company where facilities permit. If appropriate (T) facilities are not available, *Special Construction* charges may apply.

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers (T) with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 29 Cancels Original Sheet 29

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd)

(T)

D. Features

1. Optional Features

Uninterruptible Power Supply (UPS)

Provides for a battery backup power source, per node termination equipped, in the event that normally provided utility power is lost.

Second Power Supply

Provides for a second power supply to be installed, per node termination. This power supply insures that if the primary power supply fails, the node termination will continue to operate. If requested, a second power supply must be applied to every node termination on the network.

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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By Connie Browning, President, Cleveland, Ohio

TFA No. OH-07-17691

P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 30 Cancels Original Sheet 30

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd)

(T)

E. Technical References

Technical specifications for FDDI Service are found in:

(T)

<u>Subject</u>

Technical Reference

Ameritech OPTINET 100 Mbps (FDDI) Interface AM TR-NIS-000077 Specifications

The Technical Reference can be obtained from:

APEX Support Team (T) (734) 523-7348 (T)

For technical information pertaining to the customer interface, see American National Standards Institute (ANSI) document X3.166 (1990).

All signals generated by customer terminal equipment must meet the ANSI FDDI X3T9.5 interface specifications.

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

1st Revised Sheet 31 Cancels Original Sheet 31

FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd) 1.

(T)

F. Prices

1. Service Elements

Description /Billing Code/	Nonrecurring Charge
Administrative Charge, per service order /ORCMX/	\$ 140.00
Design and Central Office Connection Charge, per network /NRBCL/	230.00
Customer Connection Charge, per premises and wire center node terminations /NRBBL/	755.00

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PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

1st Revised Sheet 32 Cancels Original Sheet 32

FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd) 1.

(T)

F. Prices (cont'd)

1. Service Elements (cont'd)

		Monthly Payment			
	Te	Term Payment Plans			
	36	36 60 84			
Description /Billing Code/	Months	Months Months Months			
Central Office Regenerator, per regenerator /CTJ/ - Monthly Extension Rate	\$1,400.00 1,680.00	\$1,100.00 1,320.00	\$ 900.00 1,080.00		
Premises Node Termination, per customer premises node /N2TDX/ - Monthly Extension Rate	1,400.00 1,680.00	1,100.00 1,320.00	900.00 1,080.00		
Channel Mileage, per inter-wire center mile /3LN6S/ - Monthly Extension Rate	140.00 168.00	100.00 120.00	80.00 96.00		

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers (T) with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 33 Cancels Original Sheet 33

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd)

(T)

F. Prices (cont'd)

1. Service Elements (cont'd)

	Monthly Payment			
	Te	Term Payment Plans		
	36	36 60 84		
Description /Billing Code/	Months	Months	Months	
Optional Features and Functions Uninterruptable Power Supply (UPS), per node termination /UPW/ - Monthly Extension Rate	\$125.00 150.00	\$110.00 132.00	\$100.00 120.00	
Second Power Supply (UPS), per node termination /2PS/ - Monthly Extension Rate	50.00 60.00	40.00 48.00	30.00 36.00	

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PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

1st Revised Sheet 33.1 Cancels Original Sheet 33.1

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd)

(T)

(T)

F. Prices (cont'd)

2. Payment Plans

Term Payment Plans

Fiber Distributed Data Interface (FDDI) Service is only available under the Term Payment Plan (TPP) whereby customers must select either a 36, 60 or 84 month period. After the selected Term Payment Plan period is satisfied:

For service ordered prior to October 4, 1999 the prevailing prices of the current plan will continue until the customer cancels or renews the service.

For service ordered after October 4, 1999 the Monthly Extension rate will apply unless a new TPP is selected.

Refer to Term Payment Plans in Part 15, Section 1.

Single Payment Option (SPO)

A single payment option is available for this service. Refer to *Term Payment Plans* in Part 15, Section 1 for calculating Single Payment Options.

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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By Connie Browning, President, Cleveland, Ohio

P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 33.2 Cancels Original Sheet 33.2

1. FIBER DISTRIBUTED DATA INTERFACE (FDDI) SERVICE^{/1/} (cont'd)

(T)

F. Prices (cont'd)

3. Termination Charges

Termination Charges will apply to service terminated prior to the contracted period. Refer to *Termination Charges* in Part 15, Section 1 for calculating Termination Charges.

4. Credit Allowance

A credit allowance will be given for interruptions of service. Refer to *Credit Allowance* in Part 15, Section 1 for calculating Credit Allowances.

/1/ Effective February 16, 2001, Fiber Distributed Data Interface (FDDI) Service is limited to customers with existing service. No new customers will be able to order FDDI. Existing customers will be able to modify their existing service and will be able to add new FDDI circuits to their networks. New installations for existing customers will be able to utilize the Term Payment Plan (TPP), but no plan may be ordered with a termination date beyond February 15, 2008. Customer TPPs that expire prior to February 15, 2008 may extend their service until February 15, 2008 utilizing the Monthly Extension Rate provision of the TPP. Current customers will be permitted to keep their service until February 15, 2008, at which time the service will be discontinued.

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By Connie Browning, President, Cleveland, Ohio

P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 54 Cancels Original Sheet 54

4. BASIC DIGITAL SERVICE (BDS)

Effective March 16, 1992, no further requests for, or rearrangements of, Basic Digital Service will be accepted by the Company. Existing customers who will not experience any increase in rate will be converted to Base Rate Service at no charge. For those customers, Base Rate Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Basic Digital Service.

A. Types and Description

Basic Digital Service (BDS) provides for the four-wire simultaneous two-way transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6 or 56 Kilobits per second (Kbps).

BDS is used to connect two customer premises for digital communication between such premises, or a customer premise and central office.

B. Regulations

In addition to the regulations set forth in Part 15, Sections 1 and 3 of this Tariff, the following regulations apply to BDS.

- 1. The regulations specified herein are in addition to the applicable regulations specified in this Tariff and in tariffs of this Company, except as modified in the following paragraphs:
 - a. Termination Charges
 - (1) When service is terminated by the customer, or by the Company for any reason for which it may terminate such service under the provisions of this Tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished:
 - (a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charge will be charges due for the unexpired portion of the one month period.

(b) Change Speed of Service

In the case of a change of speed from or to 2.4, 4.8, and 9.6 Kbps, termination charges do not apply. A change from 56 Kbps to 2.4, 4.8, 9.6 or vice versa constitutes a termination of contract and termination charges as specified in (a) preceding will apply.

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P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 58 Cancels Original Sheet 58

5. HIGH CAPACITY TRANSPORT SERVICE

Effective March 16, 1992, no further requests for Direct High Capacity Service will be accepted by the Company. Existing customers who will not experience any increase in rate will be converted to DS1 Service at no charge. For those customers DS1 Service rates will apply. Customers who would experience a rate increase will continue to subscribe to Direct High Capacity Service.

(T) (T)

(T)

A. General

- 1. High Capacity Transport Service consists of two-point digital channels and equipment which provides for simultaneous two-way isochronous transmission at a speed of 1.544 Megabits per second (Mbps). High Capacity Transport Service may be used to connect:
 - a. two customer premises
 - b. a customer premises and the central office
 - c. between central offices for access between Centrex Services.

B. Regulations

- The regulations specified herein are in addition to the applicable regulations specified in this tariff and in tariffs of this Company.
- 2. High Capacity Transport Service is offered under the Variable Term Payment Plan (VTPP) as specified in Part 2, Section 3 of this Tariff. All conditions and regulations pertaining to the VTPP are included in Part 2, Section 3 of this Tariff, except as modified in the following paragraphs:
 - a. Termination Charges
 - (1) When service is terminated by the customer, or by the Company for any reason for which it may terminate such service under the provisions of this tariff, prior to the expiration of the initial contract period, the following termination charges apply in addition to all charges due for the service which has been furnished:
 - (a) Contract Period of One Month

In the case of services for which the initial contract period is one month, the termination charges will be charges due for the unexpired portion of a twelve month period.

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P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services 1st Revised Sheet 60 Cancels Original Sheet 60

5. HIGH CAPACITY TRANSPORT SERVICE (cont'd)

B. Regulations (cont'd)

- 6. Service Functions/Channelization
 - a. Channelization equipment will be provided by the Company at the central office. If the
 customer wants the channelization equipment located on his premises, the equipment must be
 provided by the customer.
 - b. The Company will provide channelization equipment at the central office when the customer desires two-point, premises to central office or central office to central office services.
 - c. Company provided central office channelization equipment provides service for up to 24 voice (T) grade channels.

7. Channel Plug-Ins

One channel plug-in is required for each channel termination in the channelization equipment.

C. Rates and Charges

The following rates and charges apply for High Capacity Transport Service in addition to the rates and charges for the associated service.

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P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services
SECTION 15 - Dedicated Communications Services

1st Revised Sheet 69 Cancels Original Sheet 69

6. DS3 SERVICE PACKAGES^{/1/} (cont'd)

C. Terms and Conditions

In addition to the Terms and Conditions set forth in Part 15, Section 1, the following applies to DS3 (T) Service.

1. DS3 Service Package

Each DS3 Service Package must have a minimum number of service channels activated at all times. A new DS3 Service Package must be installed with at least the minimum required Service Channels. A customer may not disconnect Service Channels from an existing DS3 Service Package below the minimum required in that package without downgrading the Service Package size or terminating the DS3 LDC Service.

(T)

DS3 Service Package (with Electrical Interface)	Minimum Required SCs	Maximum Available SCs
DS3	1	1
DS3B	1	2
DS3C	1	3
DS3F	3	6
DS3L	7	12
DS3X	13	24

/1/ DS3 Service Packages will not be available to new customers after April 10, 2000. Customers with existing DS3 Service Packages may maintain their service as currently configured, or may add/reduce the number of active Service Channels within their existing Service Package configuration subject to the terms and conditions of this tariff. However, existing customers may not; order new DS3 Service Packages, renew their DS3 Service Package TPP, or upgrade their DS3 Service Packages after April 10, 2000. Customers may convert their existing DS3 Service Package(s) to DS3 Service as offered after April 10, 2000 at no charge as long as the new TPP is of equal or longer term as their previous Service Package TPP and there is no decrease in the quantity of DS3 channels. DS3 Service Packages will no be available after April 9, 2005.

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By Connie Browning, President, Cleveland, Ohio

P.U.C.O. NO. 20 Part 20 Section 15

PART 20 - Grandfathered Services SECTION 15 - Dedicated Communications Services

1st Revised Sheet 70 Cancels Original Sheet 70

DS3 SERVICE PACKAGES^{/1/} (cont'd) 6.

C. Terms and Conditions (cont'd)

1. DS3 Service Package (cont'd)

> DS3 Service Packages are available with an optical channel interface. These DS3 Service Packages provide a single optical interface for multiple DS3 Service Channels (SCs) and are available as follows:

(T)

DS3 Service Package (with Optional Interface)	Minimum Required SCs in Package	Maximum Number of DS3 Equivalent SCs
DS3012	1	12
DS3024	13	24

All DS3 service channels within the package must be ordered for termination at the same customer designated premises, billed to the same customer and in the same Serving Wire Center (SWC). All service channels in a package are required to be connected to other service components (i.e., channel mileage, multiplexing, or another service channel) at the time the service channel is installed, except at the fiber hub.

The interconnection of individual service channels with other components, such as channel mileage and multiplexing, may be different. For example, one service channel within the package may have multiplexing, while another service channel may have channel mileage associated with it. Components connected to each service channel in the service package may have different Term Payment Plans periods from the service package in which the service channels reside.

/1/ DS3 Service Packages will not be available to new customers after April 10, 2000. Customers with existing DS3 Service Packages may maintain their service as currently configured, or may add/reduce the number of active Service Channels within their existing Service Package configuration subject to the terms and conditions of this tariff. However, existing customers may not; order new DS3 Service Packages, renew their DS3 Service Package TPP, or upgrade their DS3 Service Packages after April 10, 2000. Customers may convert their existing DS3 Service Package(s) to DS3 Service as offered after April 10, 2000 at no charge as long as the new TPP is of equal or longer term as their previous Service Package TPP and there is no decrease in the quantity of DS3 channels. DS3 Service Packages will no be available after April 9, 2005.

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PART 20 - Grandfathered Services SECTION 17 - ISDN Services

3rd Revised Sheet 2 Cancels 2nd Revised Sheet 2 and 1st Revised Sheet No. 2-P (N)

ISDN DIRECT (cont'd)

C. Regulations

Term Payment Plans

Customers may elect to subscribe to ISDN Direct Service for an extended period under a Term Payment Plan (TPP) option, which allows the customer to select an 84-month payment plan. During the length of the selected TPP, monthly prices for service ordered under the plan, will automatically change (increase or decrease) as Company initiated price changes become effective. However, under no circumstances will any price change cause the monthly price for the service to exceed the price that was in effect at the beginning of the selected TPP term.

Service Descriptions

- Packet Switched Data Service "B" Channel
 - a. Provides the ability to originate and receive X.25 packet data calls over the 64 Kbps "B" channel. Standard capabilities and features for Packet Switched Network Service lines using X.25 are specified in Part 6, Section 2 of this Tariff. Optional capabilities and features for Packet Switched Network service lines using X.25 are available at rates and charges set forth in Part 6, Section 2 of this Tariff. Provides throughput of up to 19.2 Kbps per individual logical channel.

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PART 20 - Grandfathered Services SECTION 17 - ISDN Services 3rd Revised Sheet 3
Cancels 2nd Revised Sheet 3
and 1st Revised Sheet No. 3-P (N)

1. ISDN DIRECT (cont'd)

D. Service Descriptions (cont'd)

- 2. On-Demand Packet Switched Data "B" Channel
 - a. This capability allows a user to request that a connection be established to provide the ability to originate and receive X.25 Packet Switched Data calls over the 64 Kbps "B" channel.
 - Standard capabilities and features for Packet Switched Network lines using X.25 access are included.
 - Provides up to 128 logical channels and throughput of up to 19.2 Kbps per individual logical channel.
 - d. Calls, optional capabilities and features for Packet Switched Network lines using X.25 are available at the rates shown in Part 20, Section 6 of this Tariff.
- 3. Packet Switched Data Service "D" Channel
 - a. Provides the ability to originate and receive X.25 packet data calls over the 16 Kbps "D" channel. Standard capabilities and features for Packet Switched Network Service lines using X.25 access are specified in Part 20, Section 6 of this Tariff. Optional capabilities and features for Packet Switched Network Service lines using X.25 are available at rates and charges set forth in Part 20, Section 6 of this Tariff. The "D" channel packet has a maximum throughput of 9.6 Kbps.

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PART 20 - Grandfathered Services SECTION 17 - ISDN Services

3rd Revised Sheet 4 Cancels 2nd Revised Sheet 4 and 1st Revised Sheet No 4-P (N)

ISDN DIRECT (cont'd)

E. Rates and Charges

- General
 - Packet Switched Network Service call usage charges apply.
 - References:

Service Reference

Packet Switched Network Service Part 20, Section 6 of this Tariff

Service Elements and Optional Features

		Variable Term Option
		Monthly Rates
Des	scription	84-Month
a.	ISDN Direct Line /OBQ/	\$11.25
b.	ISDN Direct CO Termination /N2Q/P2B/	7.10
C.	Distance extension charge for beyond normal transmission range per ISDN Line /XTN/	26.00
d.	Circuit Switched Voice Service Element, per "B" Channel equipped /LTQ5X/	2.40
	Additional Multiple Call Appearances, each /ACSPB/	2.00

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PART 20 - Grandfathered Services SECTION 17 - ISDN Services

3rd Revised Sheet 6 Cancels 2nd Revised Sheet 6 and 1st Revised Sheet No. 6-P (N)

ISDN DIRECT (cont'd)

E. Rates and Charges (cont'd)

Service Elements and Optional Features (cont'd)

				Variable Te	erm Option	
		Non-		Monthly	/ Rates	
		Recurring	1	36	60	84
Des	scription /Billing Code/	Charge	Month	Month	Month	Month
g.	Packet Switched Data-"B" Channel Service Element Charge, per "B" Channel equipped /LTQ3X/	0.400.00	005.00	400.00	475.00	0 70.00
		\$100.00	\$85.00	\$80.00	\$75.00	\$70.00
h.	Packet Switched Data-"D" Channel Service Element Charge, per Data Communications Equipment (DCE) /LTQ4X/					
		15.00	6.50	6.30	6.10	5.90
i.	On-Demand Packet Switched Data "B" Channel /LTH7X/					
j.	Subsequent changes for Packet Switched Data	50.00	20.00	-	-	-
	rearrangement to add line appearance or move line or feature appearances, per occasion /REA1B/	15.00	-	-	-	-

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PART 20 - Grandfathered Services SECTION 17 - ISDN Services

3rd Revised Sheet 7 Cancels 2nd Revised Sheet 7 and 1st Revised Sheet No. 7-P (N)

2. ISDN PRIME SERVICE

Effective June 21, 2002, 84-Month Term Payment Plans will no longer be available for ISDN Prime Service. Current ISDN PRI 84-month customers may continue to retain their existing service as is at their current address until the 84-month contract term expires. Any customer requested changes to the existing Service will require the customer to select a new contract term payment plan or the month-to-month option at the then current tariff rates. The Company will not impose termination liability to those customers required to make a contract term change.

Upon completion of the 84-month TPP term, customers may continue receiving the Service at the then-current rates under any available payment plan. If the customer does not select a new payment plan and does not request discontinuance of the Service, the month-to-month tariff rates in effect at such time will automatically apply.

The preceding supersedes all of the rules and regulations that follow.

A. Prices

1. Service Elements

	Variable Term Option
	Monthly Rates
Description /Billing Code/	84 Month
ISDN Prime (Custom)	
- each /ZPAZD/	\$420.00
IODAL Dilaca (Alachara)	
ISDN Prime (National) - each /ZPQZD/	420.00
- each/zpqzb/	420.00
Backup "D" Channel	
- each /ZPBXD/	105.00
Call By Call for FX	
- per trunk group /C2Q/	15.00
Call By Call for Tie Lines	
- per trunk group /C3Q/	15.00
por maning group / 00 00/	10.00

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P.U.C.O. NO. 20 Part 20 Section 17

PART 20 - Grandfathered Services SECTION 17 - ISDN Services

3rd Revised Sheet 8 Cancels 2nd Revised Sheet 8 and 1st Revised Sheet No. 8-P (N)

ISDN PRIME SERVICE (cont'd)

A. Prices (cont'd)

1. Service Elements

	Variable Term Option
	Monthly Rates
Description /Billing Code/	84-Month
Network Ring Again - per trunk group /ZRA/	\$45.00
Network Name Display - per trunk group /ZNN/	45.00
ISDN Calling Name ID, per trunk group /NM1PG/	75.00
2 B Channel Transfer, per trunk group /2BTPG/	60.00
Selective Class of Call Screening, per trunk group /HMBPG/	30.00

The Ohio Bell Telephone Company

AT&T TARIFF

P.U.C.O. NO. 20 Part 20 Section 18

PART 20 - Grandfathered Services SECTION 18 - Vacant

3rd Revised Sheet 1 Cancels 2nd Revised Sheet 1 (T)

Effective December 17, 2007, the following sheets are deleted from this Tariff:	
1st Revised Sheet No. 2	
1st Revised Sheet No. 3	
1st Revised Sheet No. 4	
1st Revised Sheet No. 5	
1st Revised Sheet No. 6	
1st Revised Sheet No. 7	
1st Revised Sheet No. 8	(N)

Issued: December 17, 2007

Effective: December 17, 2007 In accordance with an Order issued by the Public Utilities Commission of Ohio, dated January 6, 2003,

Exhibit C

AT&T Ohio hereby revises Part 20 Sections 5, 6, 7, 8, 9, 10, 15, 17, and 18 of its AT&T Ohio Tariff P.U.C.O. No. 20, to make certain non-material, textural tariff changes as part of a pre-detariffing clean-up effort.

This foregoing document was electronically filed with the Public Utilities

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12/17/2007 8:16:27 AM

in

Case No(s). 90-5032-TP-TRF

Summary: Tariff to make various textual changes associated with a pre-detariffing clean-up project electronically filed by Maryann Mackey on behalf of AT&T Ohio