

FILE



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September 17, 2007

Via Federal Express

Ms. Renee J. Jenkins
Director of Administration
Secretary of the Public Utilities Commission of Ohio
180 East Broad Street
Columbus, Ohio 43215

RE: Application for the Telephone Service Company, Inc. to "Grandfather" ISDN-BRI Service: PUCO Case No. 07-1024-TP-ZTA

Dear Ms. Jenkins:

Attached are the original and 10 copies of an Application for Approval to "Grandfather" ISDN-BRI service for the customers of the Telephone Service Company.

Should you have any questions, please call me at 419-739-2296. Thank you for your assistance.

Sincerely,

Kimberly C. Klingler
Regulatory

Enclosures

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.
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www.telserco.com

The Public Utilities Commission of Ohio
TELECOMMUNICATIONS APPLICATION FORM

(Effective: 10/01/2004)

(Pursuant to Case Nos. 99-998-TP-COI and 99-563-TP-COI)

In the Matter of the Application of Telephone Service Company
To Grandfather ISDN-BRI Service)

Case No. 07-1024 TP-ZTA

Name of Registrant(s) Telephone Service Company

DBA(s) of Registrant(s) _____

Address of Registrant(s) 2 Willipie St., Wapakoneta, Ohio 45895

Company Web Address www.telserco.com

Regulatory Contact Person(s) Kim Klingler

Phone 419-739-2296 Fax 419-739-2299

Regulatory Contact Person's Email Address kimk@telserco.com

Contact Person for Annual Report Kim Simmers

Phone 419-739-2229

Consumer Contact Information Kim Klingler

Phone 419-739-2296

Date September 17, 2007 TRF Docket No. _____ - CT-TRF or 90-5039-TP-TRF

Motion for protective order included with filing? ☐ Yes ☒ No

Motion for waiver(s) filed affecting this case? ☐ Yes ☒ No [Note: waiver(s) tolls any automatic timeframe]

Company Type (check all applicable): ☐ CTS (IXC) ☒ ILEC ☐ CLEC ☐ CMRS ☐ AOS

☐ Other (explain) _____

NOTE: This form must accompany all applications filed by telecommunication service providers subject to the Commission's rules promulgated in Case No. 99-998-TP-COI, as well as by ILECs filing an ARB or NAG case pursuant to the guidelines established in Case No. 96-463-TP-UNC. It is preferable **NOT** to combine different types of filings, but if you do so, you must file under the process with the longest applicable review period.

I. Please indicate the reason for submitting this form (check one)

- ☐ 1 (AAC) Application to Amend Certificate by a CLEC to modify Serving Area (0-day notice, 7 copies)
- ☐ 2 (ABN) Abandonment of all Services
 - ☐ a. CLEC (90-day approval, 10 copies) ☐ b. CTS (14-day approval, 10 copies) ☐ c. ILEC (NOT automatic, 10 copies)
- ☐ 3 (ACE) New Operating Authority for providers other than CMRS (30-day approval, 7 copies); for CMRS, see item No. 15 on this page.
 - ☐ a. Switched Local ☐ b. Non-switched local ☐ c. CTS ☐ d. Local and CTS ☐ e. Other (explain) _____
- ☐ 4 (ACO) LEC Application to Change Ownership (30-day approval, 10 copies)
- ☐ 5 (ACN) LEC Application to Change Name (30-day approval, 10 copies)
- ☐ 6 (AEC) Carrier-to-Carrier Contract Amendment to an agreement approved in a NAG or ARB case (30-day approval, 7 copies)
NOTE: see item 25 (CTR) on page two of this form for all other contract filings.
- ☐ 7 (AMT) LEC Merger (30-day approval, 10 copies)
- ☐ 8 (ARB) Application for Arbitration (see 96-463-TP-COI for applicable process, 10 copies)
- ☐ 9 (ATA) Application for Tariff Amendment for Tier 1 Services, Application to Reclassify Service Among Tiers, or Change to Non-Tier Service
 - ☐ a. Tier 1 (and Carrier-to-Carrier tariff filings as set-forth in 95-845-TP-COI)
 - ☐ i. Pre-filing submittal (30-day pre-filing submittal with Staff and OCC; Do Not Docket, 4 copies)
 - ☐ ii. New End User Service which has been preceded by a 30-day pre-filing submittal with Staff for all submittals and also with OCC for Tier 1 residential services (0-day filing, 10 copies)
 - ☐ iii. New End-User Service (NOT preceded by a 30-day filing submittal, 30-day approval, 10 copies)
 - ☐ iv. New Carrier-to-Carrier Service which has been preceded by a 30-day pre-filing with Staff (0-day filing, 10 copies)
 - ☐ v. Change in Terms and Conditions, textual revision, correction of error, etc. (30-day approval, 10 copies)
 - ☐ vi. Grandfather service (30-day approval, 10 copies)
 - ☐ vii. Initial Carrier-to-Carrier Services Tariff subsequent to ACE approval (60-day approval, 10 copies)
 - ☐ viii. Withdrawal of Tier 1 service must be filed as an "ATW", not an "ATA" - see item 12, below
 - ☐ b. Reclassification of Service Among Tiers (NOT automatic, 10 copies)
 - ☐ c. Textual revision with no effect on rates for non-specific or non-tier service (30-day approval, 10 copies)
- ☐ 10 (ATC) Application to Transfer Certificate (30-day approval, 7 copies)
- ☐ 11 (ATR) LEC Application to Conduct a Transaction Between Utilities (30-day approval, 10 copies)
- ☐ 12 (ATW) Application to Withdraw a Tier 1 Service
 - ☐ a. CLEC (60-day approval, 10 copies) ☐ b. ILEC (NOT automatic, 10 copies)
- ☐ 13 (CIO) Application for Change in Operations by Non-LEC Providers (0-day notice, 7 copies)
- ☐ 14 (NAG) Negotiated Interconnection Agreement Between Carriers (0-day effective, 90-day approval, 8 copies)
- ☐ 15 (RCC) For CMRS providers only to Register or to Notify of a Change in Operations (0-day notice, 7 copies)
- ☐ 16 (SLF) Self-complaint Application
 - ☐ a. CLEC only - Tier 1 (60-day automatic, 10 copies)
 - ☐ b. Introduce or increase maximum price range for Non-Specific Service Charge (60-day approval, 10 copies)
- ☐ 17 (UNC) Unclassified (explain) _____ (NOT automatic, 15 copies)
- ☒ 18 (ZTA) Tariff Notification Involving only Tier 2 Services
NOTE: Notifications do not require or imply Commission Approval.
 - ☐ a. New End User Service (0-day notice, 10 copies)
 - ☐ b. Change in Terms and Conditions, textual revision, correction of error, etc. (0-day notice, 10 copies)

THE FOLLOWING ARE TRF FILINGS ONLY, NOT NEW CASES (0-day notice, 3 copies)

- ☐ 20 Introduction or Extension of Promotional Offering
- ☐ 21 New Price List Rate for Existing Service
- ☐ a. Tier 1 ☐ b. Tier 2
- ☐ 22 Designation of Registrant's Process Agent(s)
- ☐ 23 Update to Registrant's Maps
- ☐ 24 Annual Tariff Option For Tier 2 Services - indicate which option you intend to adopt to maintain the tariff. NOTE, changing options is only permitted once per calendar year.
- ☐ Paper Tariff ☐ Electronic Tariff. If electronic, provide the tariff's web address: _____

THE FOLLOWING ARE CTR FILINGS ONLY, NOT NEW CASES (0-day notice, 7 copies)

- ☐ 25 Application to establish, revise, or cancel an end-user contract. (NOTE: see item 6 on page 1 of this form for carrier-to-carrier contract amendments)
- CTR Docket No. 90-5039 - TP - CTR (Use same CTR number throughout calendar year)

II. Please indicate which of the following exhibits have been filed. The numbers (corresponding to the list on page (1) and above) indicate, at a minimum, the types of cases in which the exhibit is required:

<input type="checkbox"/>	[all]	A copy of any motion for waiver of O.A.C. rule(s) associated with this filing. NOTE: the filing of a motion for waiver tolls any automatic timeframe associated with this filing.
<input type="checkbox"/>	[3]	Completed Service Requirements Form.
<input type="checkbox"/>	[3, 9(vii)]	A copy of registrant's proposed tariffs. (Carrier-to-Carrier resale tariff also required if facilities-based)
<input type="checkbox"/>	[3]	Evidence that the registrant has notified the Ohio Department of Taxation of its intent to conduct operations as a telephone utility in the State of Ohio.
<input type="checkbox"/>	[3]	Brief description of service(s) proposed.
<input type="checkbox"/>	[3a-b,3d]	Explanation of whether applicant intends to provide <input type="checkbox"/> resold services, <input type="checkbox"/> facilities-based services, or <input type="checkbox"/> both resold and facilities-based services.
<input type="checkbox"/>	[3a-b,3d]	Explanation as to whether CLEC currently offers CTS services under separate CTS authority, and whether it will be including those services within its CLEC filing, or maintaining such CTS services under a separate affiliate.
<input type="checkbox"/>	[3a-b,3d]	Explanation of how the proposed services in the proposed market area are in the public interest.
<input type="checkbox"/>	[3a-b,3d]	Description of the proposed market area.
<input type="checkbox"/>	[3a-b,3d]	Description of the class of customers (e.g., residence, business) that the applicant intends to serve.
<input type="checkbox"/>	[3a-b,3d]	Documentation attesting to the applicant's financial viability, including the following: <ol style="list-style-type: none"> 1) An executive Summary describing the applicant's current financial condition, liquidity, and capital resources. Describe internally generated sources of cash and external funds available to support the applicant's operations that are the subject of this certification application. 2) Copy of financial statements (actual and pro forma income statement and a balance sheet). Indicate if financial statements are based on a certain geographical area(s) or information in other jurisdictions 3) Documentation to support the applicant's cash and funding sources.
<input type="checkbox"/>	[3a-d]	Documentation attesting to the applicant's technical and managerial expertise relative to the proposed service offering(s) and proposed service area.
<input type="checkbox"/>	[3a-d]	Documentation indicating the applicant's corporate structure and ownership.
<input type="checkbox"/>	[3a-b,3d]	Information regarding any similar operations in other states. Also, if this company has been previously certified in the State of Ohio, include that certification number.
<input type="checkbox"/>	[3a-b,3d]	Verification that the applicant will maintain local telephony records separate and apart from any other accounting records in accordance with the GAAP.
<input type="checkbox"/>	[3a-b,3d]	Verification of compliance with any affiliate transaction requirements.
<input type="checkbox"/>	[3a-b,3d]	Explanation as to whether rates are derived through (check all applicable): <input type="checkbox"/> interconnection agreement, <input type="checkbox"/> retail tariffs, or <input type="checkbox"/> resale tariffs.
<input type="checkbox"/>	[1,3a-b,3d]	Explanation as to which service areas company currently has an approved interconnection or resale agreement.
<input type="checkbox"/>	[3a-b,3d, 9a(i-iii)]	Explanation of whether applicant intends to provide Local Services which require payment in advance of Customer receiving dial tone.
<input type="checkbox"/>	[3a,3b,3d, 9a,(i-iii)]	Tariff sheet(s) listing the services and associated charges that must be paid prior to customer receiving dial tone (if applicable).
<input type="checkbox"/>	[3a-b,3d,8]	Letters requesting negotiation pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 and a proposed timeline for construction, interconnection, and offering of services to end users.
<input type="checkbox"/>	[3-5,7,10-11,13]	Certification from Ohio Secretary of State as to party's proper standing (domestic or foreign corporation, authorized use of fictitious name, etc.). In transfer of certificate cases, the transferee's good standing must be established.
<input type="checkbox"/>	[3-4,7,10-11,13]	List of names, addresses, and phone numbers of officers and directors, or partners.
<input type="checkbox"/>	[3]	A sample copy of the customer bill and disconnection notice the applicant plans to utilize.
<input checked="" type="checkbox"/>	[1,4,9,10-13,16-21]	Copy of superseded tariff sheet(s) & price list(s), if applicable, marked as Exhibit A.
<input checked="" type="checkbox"/>	[1,4,9,10-13,16-21]	Copy of revised tariff sheets & price lists, marked as Exhibit B.
<input type="checkbox"/>	[3]	Provide a copy of any customer application form required in order to establish residential service, if applicable.
<input checked="" type="checkbox"/>	[1-2,4-7,9,12-13,16,18-23,25]	Description of and rationale for proposed tariff changes, including a complete description of the service(s) proposed or affected. Specify for each service affected whether it is <input checked="" type="checkbox"/> business; <input type="checkbox"/> residence; or <input type="checkbox"/> both. Also indicate whether it is a <input checked="" type="checkbox"/> switched or <input type="checkbox"/> dedicated service. Include this information in either the cover letter or Exhibit C.

X	[1,2,4,9a(v-vi), 5,10,16,18(b-c), 21]	Specify which notice procedure has been/will be utilized: <input type="checkbox"/> direct mail; <input type="checkbox"/> bill insert; <input type="checkbox"/> bill notation or <input type="checkbox"/> electronic mail. NOTE: <input type="checkbox"/> Tier 1 price list increases must be within an approved range of rates. <input type="checkbox"/> SLF Filings - Do NOT send customer notice until it has been reviewed and approved by Commission Staff
<input type="checkbox"/>	[2,4-5,9a(v), 9b, 10,12-13,16, 18(b-c),20-21]	Copy of real time notice which has been/will be provided to customers. NOTE: SLF Filings - Do NOT send customer notice until it has been reviewed and approved by Commission Staff
<input type="checkbox"/>	[1,2,5,9a(v),11-13, 18, 21(increase only)]	Affidavit attesting that customer notice has been provided.
<input type="checkbox"/>	[2,12]	Copy of Notice which has been provided to ILEC(s).
<input type="checkbox"/>	[2,12]	Listing of Assigned (NPA) NXX's where in the LECs (NPA) NXX's would be reassigned.
<input type="checkbox"/>	[2,4,10,12-13,]	List of Ohio exchanges specifically involved or affected.
<input type="checkbox"/>	[14]	The interconnection agreement adopted by negotiation or mediation.
<input type="checkbox"/>	[15]	For commercial mobile radio service providers, a statement affirming that registrant has obtained all necessary federal authority to conduct operations being proposed, and that copies have been furnished by cellular, paging, and mobile companies to this Commission of any Form 401, 463, and / or 489 which the applicant has filed with the Federal Communications Commission.
<input type="checkbox"/>	[15]	Exhibits must include company name, address, contact person, service description, and evidence of registration with the Ohio Secretary of State.
<input type="checkbox"/>	[24]	Affidavit that total price of contract exceeds total cost of all regulated services.
<input type="checkbox"/>	[5,13]	New title sheet with proposed new company name.
<input type="checkbox"/>	[1,3,13]	For CLECs, List of Ohio Exchanges the applicant intends to serve (Use spreadsheet from: http://www.puc.state.oh.us/puco/forms/form.cfm?doc_id=357).
<input type="checkbox"/>	[1,3a-b,3d,7, 10,13, 23]	Maps depicting the proposed serving and calling areas of the applicant. If Mirroring Large ILEC exchanges for both serving area and local calling areas: • Serving area must be clearly reflected on an Ohio map attached to tariffs and textually described in tariffs by noting that it is reflecting a particular large ILEC/CLEC territory, and listing the involved exchanges. • Local calling areas must be clearly reflected on an Ohio map attached to the tariffs, and/or clearly delineated in tariffs, including a complete listing of each exchange being served and all exchanges to which local calls can be made from each of those exchanges. If Self-defining serving area and/or local calling area as an area other than that of the established ILEC exchange(s): • Serving Area must be clearly reflected on an Ohio map attached to the tariffs, and textually described in tariffs by listing the involved exchanges. • Local Calling Areas must be described in the tariff through textual delineation and clear maps. Maps for self-defined serving and local calling areas are required to be traced on United States Geological Survey topography maps. These maps are the Standard Topographic Quadrangle maps, 7.5 minute 1:24,000.
<input type="checkbox"/>		Other information requested by the Commission staff.
<input type="checkbox"/>	[3]	Initial certification that includes Tier 2 Services, indicate which option you intend to adopt to maintain the tariff: <input type="checkbox"/> Paper Tariff <input type="checkbox"/> Electronic Tariff - If electronic, provide the web address for the tariff:

III. Registrant hereby attests to its compliance with the following requirements in the Service Requirements Form, as well as all pertinent entries and orders issued by the Commission with respect to these issues. Further, registrant hereby affirms that it will maintain with its TRF docket an up-to-date, properly marked, copy of the Service Requirements Form available for public inspection.

MANDATORY REQUIREMENTS FOR ALL BASIC LOCAL EXCHANGE AND CTS PROVIDERS:

- ☒ Sales tax
- ☒ Minimum Telephone Service Standards (MTSS)
- ☒ Surcharges

MANDATORY REQUIREMENTS FOR ALL BASIC LOCAL EXCHANGE PROVIDERS:

- ☒ 1+IntraLATA Presubscription

SERVICE REQUIREMENTS FOR PROVISION OF CERTAIN SERVICES (CHECK ALL APPLICABLE):

- ☐ Discounts for Persons with Communication Disabilities and the Telecommunication Relay Service [Required if toll service provided]
- ☐ Emergency Services Calling Plan [Required if toll service provided]
- ☐ Alternative Operator Service (AOS) requirements [Required for all providing AOS (including inmate services) service]
- ☐ Limitation of Liability Language [Required for all who have tariff language that may limit their liability]
- ☐ Termination Liability Language [Required for all who have early termination liability language in their tariffs]
- ☐ Service Connection Assistance (SCA) [Required for all LECs]
- ☐ Local Number Portability and Number Pooling [Required for facilities-based LECs]
- ☐ Package Language [Required for tariffs containing packages or service bundles containing both local and toll and/or non-regulated services]

IV. List names, titles, phone numbers, and addresses of those persons authorized to respond to inquiries from the Consumer Services Department on behalf of the applicant regarding end-user complaints:

_____ Kimberly C. Klingler, Customer Care/Regulatory Supervisor _____

_____ Telephone Service Company., 2 Willipie St., Wapakoneta, Ohio 45895 419-739-2296 _____

V. List names, titles, phone numbers, and addresses of those persons authorized to make and/or affirm or verify filings at the Commission on behalf of the applicant:

Kimberly C. Klingler, Customer Care/Regulatory Supervisor

Telephone Service Company., 2 Willipie St., Wapakoneta, Ohio 45895 419-739-2296

NOTE: An annual report is required to be filed with the Commission by each company on an annual basis. The annual report form will be sent for completion to the address and individual(s) identified in this Section unless another address or individual is so indicated.

VI. List Name(s), DBA(s) and PUCO Certification Number(s) of any affiliates you have operating in Ohio under PUCO authority, whether Telecommunication or other. (If needed, use a separate sheet and check here: ☐)

TSC Communications, Inc. 90-9092-TP-TRF, Affiliate

AFFIDAVIT

Compliance with Commission Rules and Service Standards

I am an officer of the applicant corporation, Telephone Service Company, and am authorized to make this statement
(Name of Company)
on its behalf. I attest that these tariffs comply with all applicable rules, including the Minimum Telephone Service Standards (MTSS) 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 9-17-07 at 2 Willipie St., Wapakoneta, Ohio 45895
(Date) (Location)

Mark Hanson Pres. 9-17-07
*(Signature and Title) (Date)

** 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, Kimberly C. Klingler verify that I have utilized, verbatim, the Commission's Telecommunications Application Form 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.

Kimberly C. Klingler 9/17/07
*(Signature and Title) (Date)
Customer Care/Regulatory Supervisor

**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 (or to the Telecommunications Division Chief if a prefiling submittal)
180 East Broad Street, Columbus, OH 43215-3793

EXHIBIT A
(SUPERCEDED TARIFF SHEETS)

P.U.C.O. No. 5
Tariff

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P.U.C.O. No. 5
Tariff

ALPHABETICAL INDEX TO TOPICS

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P.U.C.O. No. 5
Expanded Service Area

**ADVANCED DIGITAL SERVICES
BASIC RATE INTERFACE (BRI)**

A. GENERAL DESCRIPTION

1. Advanced Digital Services are a public network-based set of communications services that make it possible to send, receive, and modify information using regular telephone lines. These services are based on the National Integrated Services Digital Network (ISDN) standards. ISDN provides end-to-end digital communications and gives the ability to transmit data and voice over the same telephone line simultaneously (a user can send information from a personal computer and talk to the person on the other end of the line at the same time). This functionality is provided via channelized transport facilities. The ISDN architecture consists of digital central office switching systems, which connect Basic Rate Interface (BRI) line to customers' premises.
2. Advanced Digital Services BRI is an optional service arrangement that can be used in conjunction with a customer's single residential service, individual business line or Centrex service. It uses the ISDN architecture to provide the customer with the various optional arrangements, BRI provides the customer with access to Circuit-Switched Voice Services, Circuit-Switched Data Services, and Packet-Switched Data Services.
3. An Advanced Digital Services BRI arrangement obtains its capabilities from an ISDN-capable, Telephone Company central office switch. The BRI ISDN arrangement provides two communications channels (but using only one physical line) between a telephone (or computer, fax machine or other equipment) and the digital central office. These channels are called Bearer, or B Channels. Another channel, called the Delta or D Channel, is used for signaling purposes and in some applications can be used for low speed packet data communications. The complete BRI ISDN line is known as 2B+D.
 - a. **B Channel** - The B Channel is a bi-directional synchronous channel capable of supporting digital transmission speeds of 4 kilobits per second (kbps). Each B Channel may be configured in one of the following ways:
 - (1) **Circuit-Switched Voice** - Allows the user to originate and receive only voice calls over a single circuit-switched B Channel.

Issued: JULY 23, 1996

Effective: JULY 23, 1996

In Accordance with Case No. 96-575 -TP-ATA
Issued by The Public Utilities Commission of Ohio
Lonnie D. Pedersen, President
Wapakoneta, Ohio 45895

P.U.C.O. No. 5
TARIFF

B. CIRCUIT SWITCHING SERVICE DESCRIPTIONS

Circuit Switching is a switching arrangement in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of channels is dedicated to a given call. Circuit-Switched Service provides the ability to originate and receive circuit-switched voice and/or data calls over a 64 kbps B Channel. The customer may choose among the following Circuit-Switched features based upon application needs:

1. **Clear Channel Capability** - A characteristic of the transmission paths on the B Channels that allows the full bandwidth of 64 kbps to be available to the customer. It is also possible to bridge two B Channels together to achieve data transmission speeds of 128 kbps.
2. **Additional Call Offering** - This feature allows the user to be notified of an additional call when the telephone set is busy. Similar to conventional Call Waiting, multiple incoming calls to a directory number or secondary telephone number (if purchased) can be terminated to the telephone.
3. **Multiline Hunt Service**- This feature allows incoming calls to a busy directory number to search through a predetermined list of directory numbers. This may be another Advanced Digital Services directory number on the same (or a different) B Channel or (for voice calls) an analog line. The hunting arrangement may be series completion, linear or circular.
4. **Call Pick-up**- The features allows the user to dial a special code (or depress a feature button) to answer calls directed to other stations.
5. **Customer Calling Services** - Applicable Custom Calling Service (except for those superseded by Advanced Digital Services counterparts) are available at rates and charges specified in the Custom Calling Services section on the Company's tariff. The following Custom Calling features found specifically in this tariff will be charged at rates shown on the Advance Digital Services Rate Schedule:
 - a. **Call Hold** - This feature allows the user to place a call on hold by pressing the appropriate button on the telephone set.

Issued: July 23, 1996

Effective: July 23, 1996

In Accordance with Case No. 96-575 -TP-ATA
Issued by The Public Utilities Commission of Ohio
Lonnie D. Pedersen, President
Wapakoneta, Ohio 45895

P.U.C.O. No. 5
TARIFF

C. PACKET-SWITCHED DATA SERVICE DESCRIPTIONS

Packet Switching is a technique in which packets of data are individually addressed and combined on a transmission path with other addressed packets. Packet-Switched Data Service provided the ability to originate and receive X.25 packet data calls. X.25 is the Consultative Committee on International Telephone and Telegraph's (CCITT) recommended and internationally accepted standard for connecting data terminals to packet-switched networks.

D-Channel Packet – This service provides packet data on the D Channel at a maximum transmission throughput of up to 9.6 kbps per logical channel.

B-Channel Packet – This service provides packet data on the B Channel at a maximum transmission throughput of 64 kbps per logical channel.

The customer may choose among the following Packet-Switched features based upon application needs:

1. **Hunt Groups** – An arrangement that allows an incoming call to a busy packet directory number to search through a predetermined list of packet directory numbers in search of a logical channel to which to complete the call. The hunting arrangement may be series completion, linear, or circular.
2. **X.25 Data Services:**
 - a. **Logical Channels** – An arrangement that is a virtual circuit, offering multiple logical connections at the packet level of X.25. Logical Channels allow multiple packet calls (or virtual calls) to be active simultaneously on a single D Channel or B Channel.
 - b. **DTE Support Feature** – The Data Terminal Equipment Support (DTE) Feature allows the network to prevent any network-to-user signaling on a virtual circuit associated with a directory number that is not included in the X.25 version. Virtual circuit communication is allowed between the subscriber's equipment and remote customer equipment that conforms to the X.25 version. This feature is available on a per directory number basis.

P.U.C.O. No. 5
TARIFF

- d. **Outgoing Calls Barred Within a Closed User Group** – The data terminal receives incoming calls only to the data terminals in the Closed User Group with which it is associated.
- e. **Unrestricted Access** – The data terminal receives and make incoming and outgoing call

D. TECHNICAL SPECIFICATIONS

1. Transmission Specifications

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

2. Customer Premise Equipment and Facilities

Compatible customer premise equipment is required to utilize Advanced Digital Services. All equipment used to interface with these services is required to conform with National ISDN guidelines as referenced in the following Bellcore specifications:

<u>Document Number</u>	<u>Description</u>
SR-NWT-002661	National ISDN Generic Guidelines for ISDN Terminal Equipment on Basic Rate Interface
SR-NWT-001953	Generic Guidelines for ISDN Terminal Equipment on Basic Access Interfaces

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

P.U.C.O. No. 5
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E. REGULATIONS AND CONDITIONS

1. Unless specifically exempted, Advanced Digital Services shall be subject to all general regulations applicable to the provision of service by the Telephone Company as stated in the general tariff.
2. Advanced Digital Services are provided at the option of the Company. These services are furnished subject to central office switching capacity, capability, and the availability of outside plant facilities.
3. Payment for Service
 - a. The minimum charge period for services provided under this tariff is for one month.
 - b. The customer may choose to pay for the service on a month-to-month basis or under a term service establishment plan. A month-to-month customer may, at any time, convert to a service establishment plan.
 - c. The monthly rate for customers choosing the service establishment plan is guaranteed against Telephone Company initiated changes during the selected service period.
 - d. Subsequent additions will be rated under a new service establishment plan or added to an existing service establishment plan, based upon the remaining period of the initial service establishment plan.
 - e. Suspension of service (e.g. Vacation Rate) is not allowed.
 - f. Service Establishment Renewals and Termination Liabilities
 - (1) At any time during their service establishment plan period customers may change to a new Advanced Digital Services service establishment plan, provided that the new service establishment plan is for a term equal to or greater than the time period remaining on their current service establishment plan. The new service establishment plan becomes effective upon execution.

Issued: July 23, 1996

Effective: July 23, 1996

In Accordance with Case No. 96-575 -TP-ATA
Issued by The Public Utilities Commission of Ohio
Lonnie D. Pedersen, President
Wapakoneta, Ohio 45895

P.U.C.O. No. 5
TARIFF

F. RATES AND CHARGES

1. Advanced Digital Services Access

- a. The rates and charges below are for providing an Advanced Digital Services capable line to the customer's premises. These charges provided 0B +0D ISDN service. The customer must add the desired B Channels and D Channels to configure the service as required.

<u>Access</u>	<u>Service Establishment Reference P.U.C.O. Tariff No. 5:</u>	<u>Monthly Rate Reference P.U.C.O. Tariff No. 5:</u>
Residential Single Line Advanced Digital Services	Section 4, Sheet No. 7	Section 4, Sheets 1 & 4
Single Line Business Advanced Digital Services	Section 4 Sheet No. 7	Section 4 Sheets 1 & 4
Centrex Advanced Digital Services	Section 4, Sheet No. 7	Section 2B, Sheet No. 8

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EXHIBIT B
(REVISED TARIFF SHEETS)

P.U.C.O. No. 5
Tariff

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Basic Rate Interface (BRI)	Section 2E (N)
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P.U.C.O. No. 5
Tariff

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P.U.C.O. No. 5
Expanded Service Area

**ADVANCED DIGITAL SERVICES
BASIC RATE INTERFACE (BRI)**

A. GENERAL DESCRIPTION

Effective September 18, 2007, ISDN-BRI service will be no longer offered to new customers. The service offering will be "grandfathered", i.e., continued to be made available to those customers already receiving the service. Please contact the Customer Service department to discuss alternative forms of service.

(N)
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(N)

1. Advanced Digital Services are a public network-based set of communications services that make it possible to send, receive, and modify information using regular telephone lines. These services are based on the National Integrated Services Digital Network (ISDN) standards. ISDN provides end-to-end digital communications and gives the ability to transmit data and voice over the same telephone line simultaneously (a user can send information from a personal computer and talk to the person on the other end of the line at the same time). This functionality is provided via channelized transport facilities. The ISDN architecture consists of digital central office switching systems, which connect Basic Rate Interface (BRI) line to customers' premises.
2. Advanced Digital Services BRI is an optional service arrangement that can be used in conjunction with a customer's single residential service, individual business line or Centrex service. It uses the ISDN architecture to provide the customer with the various optional arrangements, BRI provides the customer with access to Circuit-Switched Voice Services, Circuit-Switched Data Services, and Packet-Switched Data Services.
3. An Advanced Digital Services BRI arrangement obtains its capabilities from an ISDN-capable, Telephone Company central office switch. The BRI ISDN arrangement provides two communications channels (but using only one physical line) between a telephone (or computer, fax machine or other equipment) and the digital central office. These channels are called Bearer, or B Channels. Another channel, called the Delta or D Channel, is used for signaling purposes and in some applications can be used for low speed packet data communications. The complete BRI ISDN line is known as 2B +D.
 - a. **B Channel** – The B Channel is a bi-directional synchronous channel capable of supporting digital transmission speeds of 4 kilobits per second (kbps). Each B Channel may be configured in one of the following ways:
 - (1) **Circuit-Switched Voice** – Allows the user to originate and receive only voice calls over a single circuit-switched B Channel.

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P.U.C.O. No. 5
TARIFF

B. CIRCUIT SWITCHING SERVICE DESCRIPTIONS

Effective September 18, 2007, ISDN-BRI service will be no longer offered to new customers. The service offering will be "grandfathered", i.e., continued to be made available to those customers already receiving the service. Please contact the Customer Service department to discuss alternative forms of service.

Circuit Switching is a switching arrangement in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of channels is dedicated to a given call. Circuit-Switched Service provides the ability to originate and receive circuit-switched voice and/or data calls over a 64 kbps B Channel. The customer may choose among the following Circuit-Switched features based upon application needs:

1. **Clear Channel Capability** – A characteristic of the transmission paths on the B Channels that allows the full bandwidth of 64 kbps to be available to the customer. It is also possible to bridge two B Channels together to achieve data transmission speeds of 128 kbps.
2. **Additional Call Offering** – This feature allows the user to be notified of an additional call when the telephone set is busy. Similar to conventional Call Waiting, multiple incoming calls to a directory number or secondary telephone number (if purchased) can be terminated to the telephone.
3. **Multiline Hunt Service**– This feature allows incoming calls to a busy directory number to search through a predetermined list of directory numbers. This may be another Advanced Digital Services directory number on the same (or a different) B Channel or (for voice calls) an analog line. The hunting arrangement may be series completion, linear or circular.
4. **Call Pick-up**– The features allows the user to dial a special code (or depress a feature button) to answer calls directed to other stations.
5. **Customer Calling Services** – Applicable Custom Calling Service (except for those superseded by Advanced Digital Services counterparts) are available at rates and charges specified in the Custom Calling Services section on the Company's tariff. The following Custom Calling features found specifically in this tariff will be charged at rates shown on the Advance Digital Services Rate Schedule:
 - a. **Call Hold** – This feature allows the user to place a call on hold by pressing the appropriate button on the telephone set.

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C. PACKET-SWITCHED DATA SERVICE DESCRIPTIONS

(N)

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(N)

Packet Switching is a technique in which packets of data are individually addressed and combined on a transmission path with other addressed packets. Packet-Switched Data Service provided the ability to originate and receive X.25 packet data calls. X.25 is the Consultative Committee on International Telephone and Telegraph's (CCITT) recommended and internationally accepted standard for connecting data terminals to packet-switched networks.

D-Channel Packet – This service provides packet data on the D Channel at a maximum transmission throughput of up to 9.6 kbps per logical channel.

B-Channel Packet – This service provides packet data on the B Channel at a maximum transmission throughput of 64 kbps per logical channel.

The customer may choose among the following Packet-Switched features based upon application needs:

1. **Hunt Groups** – An arrangement that allows an incoming call to a busy packet directory number to search through a predetermined list of packet directory numbers in search of a logical channel to which to complete the call. The hunting arrangement may be series completion, linear, or circular.
2. **X.25 Data Services:**
 - a. **Logical Channels** – An arrangement that is a virtual circuit, offering multiple logical connections at the packet level of X.25. Logical Channels allow multiple packet calls (or virtual calls) to be active simultaneously on a single D Channel or B Channel.
 - b. **DTE Support Feature** – The Data Terminal Equipment Support (DTE) Feature allows the network to prevent any network-to-user signaling on a virtual circuit associated with a directory number that is not included in the X.25 version. Virtual circuit communication is allowed between the subscriber's equipment and remote customer equipment that conforms to the X.25 version. This feature is available on a per directory number basis.

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P.U.C.O. No. 5
TARIFF

- d. **Outgoing Calls Barred Within a Closed User Group** – The data terminal receives incoming calls only to the data terminals in the Closed User Group with which it is associated.
- e. **Unrestricted Access** – The data terminal receives and make incoming and outgoing call

D. TECHNICAL SPECIFICATIONS

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Centrex Advanced Digital Services	Section 4, Sheet No. 7	Section 2B, Sheet No. 8

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EXHIBIT C

The Telephone Service Company, with this tariff revision, will grandfather Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) service.

Presently, the Telephone Service Company has 4 subscribers to this service. Broadband internet with the firewalls available, and the newer technology deployed, has significantly reduced the need for ISDN-BRI service.

Due to the changes in technology, and the alternatives available, e.g. higher internet transmission speeds with better security through improved firewalls, the service is no longer in demand. We are in the process of migrating from our legacy Siemens EWSD to the installed Taqua soft switch.

The Telephone Service Company proposes to grandfather this service to its existing customers effective with the filing of this tariff revision, and to no longer offer it to new customers who may inquire about the service.

EXHIBIT D

Customer Notification

Since only 4 customers have ISDN-BRI service, The Telephone Service Company will tell these "grandfathered" customers, upon request to disconnect their service, that they will not be able to reconnect at another time. Similarly, if the customer calls to make changes, they will be informed that they cannot do so. Instead, a customer service representative will inform the customers of alternative services available, such as high speed internet with improved security features, and any other technologically advanced products which can be used in place of this service.