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## A142. OBSOLETE SERVICE OFFERINGS - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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**A142. OBSOLETE SERVICE OFFERINGS – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.1 Reserved For Future Use**

**A142.2 ISDN - Residence Service (IRS)**

Effective December 15, 2015, ISDN – Residence Service (IRS) is obsolete. IRS will not be available for new service, additions or changes to existing service, or moves of existing service to a new location. Customers may retain the service for existing IRS lines at existing locations.

(T)(O)  
(N)

**A142.2.1 General**

(T)(O)

- A. ISDN - Residence Service (IRS) is a new intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. IRS supports simultaneous transmission of voice, data, and packet services on the same exchange access line. Calling/Called Number Delivery, Calling Name Delivery and Call Hold are included with this service where facilities permit. (O)
- B. IRS provides a new method of access to the telephone network called Basic Rate Access. Basic Rate Access will consist of the ability to access up to two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point. (O)
- C. IRS is provided through Basic Rate Access. Features are available to increase the capability of the Bearer Alternative Service and may be subscribed to on an as-needed basis. (O)
- D. B channel circuit switched services offer up to 64 Kbps intra-office transmission of voice or data. This option permits the customer to utilize either circuit voice or data transmission paths on a per call selection basis. Transmission on the B channel will be circuit switched at 64 Kbps within the switch and/or equipped facilities between ISDN compatible central offices. ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 Kbps. This option includes one directory number (DN). (O)
- E. The following parameters may be provided with Packet Switched B channel and D channel Services: (O)
  - Each B channel packet terminal will be provided logical channels up to the technical capability of the serving central office. (O)
  - Each logical channel can carry an independent call with throughput of up to 64 Kbps. (O)
  - Each D channel packet terminal will be provided logical channels up to the technical capabilities of the serving central office. (O)
  - Each logical channel can carry an independent call with throughput of up to 9.6 Kbps. Each logical channel may be established as one of the following types: (O)
    - Two-Way Switched Virtual Circuit (default) (O)
- F. IRS will consist of the following components: (T)(O)
  - Basic Rate Digital Subscriber Line (DSL) Access (O)
  - Two B channels CSV/CSD. A maximum of two simultaneous B channels can be in use per Basic Rate Access. (O)
  - Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement. (O)
- G. All circuit Switched B channel services must be either flat or measured. Mixing flat and measured B channel services is not allowed on the same premises except as allowed in Section A2. (T)(O)

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## **A142. OBSOLETE SERVICE OFFERINGS - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

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### **A142.2 ISDN - Residence Service (IRS) (Cont'd)**

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#### **A142.2.2 Terms and Conditions**

(T)(O)

- A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning. (O)
- B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications. (O)
- C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system, or otherwise affect its use or performance. (O)
- D. Suspension of service is not allowed. (O)
- E. Service Charges in Section A4 are applicable per Basic Rate DSL access in addition to rates and charges herein. (O)
- F. Usage rates, as appropriate, are specified in Section A3. (O)
- G. IRS will be available where facilities permit. Combinations of service will be restricted by the limits of the Company central office type and switch load. (O)
- H. IRS is available to full-time educational institutions that are eligible for accreditation by the Southern Association of Colleges and Schools. This service is intended for in-classroom use of computers by students to access information databases, shared educational programs and students in other classrooms. Teachers and researchers may also subscribe to this service for on-campus use. These lines shall not be used to replace existing administrative lines. (O)  
IRS is also available to public libraries including the state library and archives, regional libraries, and public libraries in any county, city or town.
- I. Each ISDN Basic Rate DSL Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section A4, and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc. FCC No.1, Section 4. (T)(O)
- J. IRS lines served, at the customer's request, from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this Section, per DSL. Airline miles between the serving central offices will be used in the mileage calculation for this rate element. (T)(O)

#### **A142.2.3 Definitions**

(T)(O)

##### **B CHANNEL**

(O)

A bidirectional synchronous channel capable of supporting 64 Kbps of digital transmission.

(O)

##### **D CHANNEL**

(O)

A 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface.

(O)

##### **64 KBPS CLEAR CHANNEL CAPACITY (CCC)**

(O)

A B channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

(O)

##### **CUSTOM ISDN**

(O)

Basic Rate ISDN based on vendor proprietary implementation. Features and services which were developed for Custom BRIs require Customer Premises Equipment (CPE) specifically designed to work on that Central Office switch.

(O)

##### **NATIONAL ISDN**

(O)

Basic Rate ISDN based on industry standards. National ISDN standardizes the signaling and operation of BRI across various Central Office switch types. Features and services which are delivered on a National ISDN BRI can be accessed with CPE built to the National ISDN standards.

(O)

**A142. OBSOLETE SERVICE OFFERING - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.2 ISDN - Residence Service (IRS) (Cont'd)**

**A142.2.4 Rates and Charges**

	Installation Charge	Monthly Rate	USOC	
<b>A. Interoffice Circuit</b>				
1. Per DSL Circuit				
(a) Each, including first mile	\$240.00	\$115.00	MIGNC	
(b) Each additional mile	-	.45	MIGNM	
<b>B. Interface</b>				
1. Basic Rate DSL Access Arrangement				
a. Residence Service				
(a) ISDN Access (5ESS/DMS)	-	-	LTBLR	
(b) (DELETED)				
(c) ISDN Access (EWSD®)	-	-	LTBER	
2. Channels Activated				
a. Up to 2 B channels Circuit Switched Voice/Data Per DSL				
(1) Per DSL				
(a) Flat Rate <sup>1</sup>	-	26.85	LPRFX	(1)
(b) Measured <sup>2</sup>	-	26.85	LPSMX	(1)
<b>C. Interface Users</b>				
1. Per User Profile -				
a. Access to B Channel CSV/CSD				
(1) Flat Rate (5ESS/EWSD®)				
(a) each	-	-	LTQ8Y	
(2) Flat Rate (EWSD®)				
(a) Voice	-	-	LTQVR	
(b) Data	-	-	LTQDR	
(3) Measured Rate - RegionServ (5ESS/DMS)				
(a) Without discount	-	-	LTQ8F	
(b) Discount Usage Option	-	1.00	LTQ8G	
(4) Measured Rate - RegionServ (EWSD®)				
(a) Without discount - Voice	-	-	LTQVF	
(b) Without discount - Data	-	-	LTQDF	
(a) Discount Usage Option - Voice	-	1.00	LTQVG	
(b) Discount Usage Option - Data	-	1.00	LTQDG	
<b>D. Usage</b>				
1. Circuit Switched Voice and Data (Measured Only)				
a. Per minute rates for usage on all circuit switched services (Voice and/or Data), terms and conditions for RegionServ are defined in A3.2.9.				

**Note 1:** The appropriate flat rate schedule in A3.2 will also apply.

**Note 2:** The appropriate RegionServ rate schedule in A3.2 will also apply.

## **A142. OBSOLETE SERVICE OFFERING - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

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### **A142.2 ISDN - Residence Service (IRS) (Cont'd)**

(T)(O)

#### **A142.2.4 Rates and Charges (Cont'd)**

(T)(O)

##### **E. Packages**

(O)

1. Packages EZ1, EZ1A, EZ2 and EZ2A are available for use with IRS on National ISDN lines. The packages will not be available on Custom ISDN lines. Rates as indicated in this Section apply to all rate elements listed in the package. Packages must be ordered exactly as stated in the descriptions of the packages. If any feature listed in the package is deleted or provisioning options are changed, the package will no longer apply. Additional optional features compatible with the package configurations are allowed with the packages. Additional features may be added only on the User Profile already provisioned with features. (O)
2. Description of Packages (O)
  - a. Package EZ1 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button. (O)
  - b. Package EZ1A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop Hold, & Transfer, 1 Call Forwarding Variable - Button., Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice mail service will be allowed with this package. (O)
  - c. Package EZ2 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button, 2 Secondary DN's. (O)
  - d. Package EZ2A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's, Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice Mail service will be allowed with this package. (O)

#### **A142.2.5 Optional Features**

(T)(O)

Customers are required to subscribe to ISDN - Residence Service (IRS) before ordering these features. Calling/Called Number Delivery, Calling Name Delivery and call Hold are provided with this service. Features are available to increase the capability of ISDN - IRS and may be subscribed to on an as needed basis. Availability of features are limited to where facilities permit and may be limited by central office type and switch load. (O)

Availability of features as described in paragraphs 1 and 2 is dependent upon whether the central office is equipped with Custom ISDN or National ISDN. (O)

##### **1. Features for use with Electronic Key Telephone Service (EKTS):**

(O)

This option provides a group of features that increase the user's voice terminal flexibility and offers the functionality of a key system to groups of users with EKTS equipment. (O)

- a. Shared Primary DN - This is a primary DN that appears on one or more terminals. (O)
- b. Secondary-Only DN - This is a secondary DN that appears on one or more terminals, but is not the primary DN on any of those terminals. (O)
- c. Shared Secondary-Only DN - First Appearance - the first appearance of a secondary DN that appears on more than one terminal but is not the primary DN on any of those terminals. (O)
- d. Key Short Hunt - This feature enhances call coverage by delivering key-set DN Short Hunt Capability to standard-feature ISDN Voice terminals (O)
- e. Shared non-ISDN DN - This feature allows call coverage for an analog set. (O)
- f. Privacy Release - This is a privacy feature that allows a customer to specify, on an EKTS group basis, that no other user can bridge on to calls. On a call by call basis, this feature can be disabled to allow bridging to occur. (O)
- g. Manual Exclusion - This is the opposite of Privacy Release. On a call by call basis the user can restrict bridging. (O)
- h. ISDN Intercom Calling - Dial - This feature allows an EKTS user to call other terminals in the EKTS group with one or two-digit dialing. (O)
- i. ISDN Intercom Calling - Automatic - This feature allows an EKTS user to call another terminal in the EKTS group by activating a button on the EKTS set. (O)
- j. ISDN Intercom Calling - Call Appearance - This feature allows EKTS Intercom Calling to be provisioned on a Call Appearance. (O)

## A142. OBSOLETE SERVICE OFFERING - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

(N)

### A142.2 ISDN - Residence Service (IRS) (Cont'd)

(T)(O)

#### A142.2.5 Optional Features (Cont'd)

(T)(O)

##### A. Optional Features (Cont'd)

(O)

2. The following features are available with either Custom ISDN or National ISDN. National ISDN customers may purchase these features for use with either EKTS sets or non-EKTS sets. (O)
  - a. Call Forwarding Variable - This feature allows the ISDN user to have the ability to forward all incoming calls to a user specified directory number. (O)
  - b. Call Forwarding Variable - Feature Button - This feature is the same as Call Forwarding Variable except that it is activated by a feature button. (O)
  - c. Call Forwarding - Busy Line - This feature automatically routes calls to a preselected number when the called line is busy. This feature may be either fixed (changeable by service order only) or programmable (customer changeable) by station user via feature activation code. (O)
  - d. Call Forwarding - Don't Answer - This feature automatically routes calls to a preselected number when the called line does not answer in a preset ringing cycle. This feature may be either fixed (changeable by service order only) or programmable (customer changeable) by station user via feature activation code. (O)
  - e. Call Forwarding - Multiple Simultaneous - This feature allows a station line to forward more than one call at a time. (O)
  - f. Call Pickup - Allows a user to answer calls directed to another line in the same preset Call Pickup Group. (O)
  - g. Conference, Drop, Hold, Transfer (O)
    - Conference - allows the user to add a third party to an existing conversation. This feature is for use with voice calls only. (O)
    - Drop - This central based feature allows the user to disconnect the last party added to a conference call. (O)
    - Hold - allows the user to place a call on hold by pressing the function button. Any set with the call appearance for the call on hold can pick up the call by pressing the call appearance button. (O)
    - Transfer - This feature allows the user to transfer a call to another DN. This feature is for use with voice calls only. This feature may require an additional call appearance or an additional DN. (O)
  - h. Six-Way Conference, Drop, Hold, Transfer - This feature has the same functionality as Conference, Drop, Hold, Transfer feature except that six-way conference is allowed. (O)
  - i. Speed Calling - This feature allows each user to assign up to thirty telephone numbers to a two-digit code for the purpose of enabling abbreviated dialing. (O)
  - j. Calling/Called Number Delivery/Calling Name Delivery-National ISDN - This feature provides the user who is receiving/originating a call with information about the calling/called party and the facility or destination and is provided with IRS. Some "privacy" options may be in effect in certain areas and will be located in Section A13. (O)
  - k. Visual Message Waiting Indicator - Provides the user of a message service with a visual indication that a message is waiting. (T)(O)
  - l. Audible Message Waiting Indicator - Provides the user of a message service with an audible indicator that a message is waiting. (T)(O)
  - m. Additional Call Appearance - PDN or DN - This feature allows the terminal to have more than one DN button assigned to the same DN or Primary Directory Number (PDN). (T)(O)
  - n. Call Tracing - This feature enables the customer to initiate an automatic trace of the last call received. Upon activation by the customer, the network automatically sends a message to the Company's Security Department indicating the calling number, the time the call was received, and the time the trace was activated. The customer using this feature would be required to contact the local business office for further action. (T)(O)
  - o. Call Return - This feature enables a customer to place a call to the number associated with the most recent call received, whether or not the call was answered or the number is known. The customer can dial a code or press a feature button to request that the network place the call. (T)(O)
 

If the called line is not busy, the call is placed. If the called line is busy, a confirmation announcement is heard. Once the customer hangs up, the network will monitor the busy/idle status of both lines every forty-five seconds for up to thirty minutes. If during the queuing process both lines become idle, the customer is alerted that the network is ready to place the call. When the customer picks up the telephone, the call will automatically be placed. If unanswered by the customer the alerting will repeat every five minutes until answered, or for the remainder of the thirty minute monitoring interval. Multiple numbers may be placed in queue. The first idle number will be connected first. Both the customer and the called party may originate and receive calls without affecting the call return feature status. (O)

## **A142. OBSOLETE SERVICE OFFERING - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

(N)

### **A142.2 ISDN - Residence Service (IRS) (Cont'd)**

(T)(O)

#### **A142.2.5 Optional Features (Cont'd)**

(T)(O)

##### **A. Optional Features (Cont'd)**

(O)

##### **2. (Cont'd)**

(O)

- p.** Selective Call Forwarding - Allows the customer to transfer selected calls to another number. A screening list of up to six numbers is created by the customer and placed in the network memory via an interactive dialing sequence. Subsequently, calls are forwarded to the Call Forwarding number only if the calling number can be obtained and is found to match a number on the screening list. If the customer also subscribes to Call Block and the same number is entered on both screening lists, the Call Block feature must be deactivated to allow the call to be forwarded. This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)(O)
- q.** Call Block - This feature provides the customer the ability to prevent incoming calls from up to six different numbers. A screening list is created by the customer either by adding the last number associated with the line (incoming or outgoing), or by preselecting the numbers to be blocked. When a call is placed to the customer's number from a number on the screening list, the caller receives an announcement indicating that the party he is attempting to call does not wish to receive calls at this time. If the customer also subscribes to Selective Call Forwarding and/or Personalized Ring 6 and the same numbers appear on those screening lists, Call Block will take precedence. This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)(O)
- r.** Personalized Ring 6 - This feature provides an alerting to the subscribing customer for up to six specific numbers. The customer creates a screening list of up to six numbers through an interactive dialing sequence. When a call is received from one of the predetermined numbers, the customer is alerted. Calls from the numbers not included on the screening list will produce a normal ring. When a number on the Personalized Ring 6 screening list also appears on the Selective Call Forwarding list, the Selective Call Forwarding will take precedence. Likewise, when the same number is shown on the Call Block list, the call will be blocked. The customer's line will not produce an alert if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)(O)
- s.** Repeat Dialing - Repeat Dialing, when activated, automatically redials the last number the customer attempted to call. If the called line is not busy, the call will be placed. If the called line is busy, a confirmation announcement is heard, the customer hangs up and a queuing process begins. For the next thirty minutes both the calling and called lines are checked periodically for availability to complete the call. If during this queuing process the called line becomes idle, the customer is alerted that the network is ready to place the call. When the customer picks up the telephone, the call will automatically be placed. (T)(O)
- t.** Automatic Line/Direct Connect - Station specially programmed to dial specific internal station number or "0" or the attendant when the station user goes off-hook. (T)(O)
- u.** Selective Call Acceptance - Allows customer to accept incoming voice calls only from certain numbers selected by the customer. (T)(O)
- v.** Station Restriction - Allows a station line to be assigned various types of restriction. (T)(O)
  - Denied Termination allows the station line to be used for outgoing calls only. It cannot receive incoming calls. All incoming calls are routed to common intercept announcement.
  - Denied Origination from Outgoing Calls allows the station line to be used for incoming calls only. No outgoing calls can be originated from it.
- w.** Redirected Number Feature - Redirected number delivery may be provided as a termination feature. If the received call has been previously forwarded, the first and last forwarding DN's will be delivered to the called party who subscribes to redirected number delivery. (T)(O)

**A142. OBSOLETE SERVICE OFFERING - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

(N)

**A142.2 ISDN - Residence Service (IRS) (Cont'd)**

(T)(O)

**A142.2.5 Optional Features (Cont'd)**

(T)(O)

**B. Rates and Charges**

(O)

**1. Optional Features**

(O)

**a. Feature for use with EKTS CPE Circuit Switched Voice/Circuit Switched Data**

(O)

	<b>Installation Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>	
(1) Shared Primary DN - First appearance on each additional terminal				(O)
(a) each	<b>1.00</b>	<b>1.50</b>	<b>DS1FJ</b>	(O)
(2) Secondary Only DN (Shared or Non-Shared) - First appearance				(O)
(a) each	<b>2.00</b>	<b>1.50</b>	<b>LLDSF</b>	(O)
(3) Shared Secondary Only DN - First appearance on each additional terminal				(O)
(a) each	<b>1.00</b>	<b>1.50</b>	<b>DS1F1</b>	(O)
(4) Key Short Hunt (DMS 100)				(O)
(a) each	<b>2.00</b>	<b>-</b>	<b>DS1KS</b>	(O)
(5) Shared non-ISDN DN <sup>1</sup>				(T)(O)
(a) each	<b>1.25</b>	<b>1.50</b>	<b>DOE</b>	(O)
(6) Privacy Release (SESS/DMS)				(T)(O)
(a) per shared DN	<b>1.00</b>	<b>.25</b>	<b>DS1FU</b>	(O)
(7) Manual Exclusion				(T)(O)
(a) per shared DN	<b>1.00</b>	<b>.25</b>	<b>DS1FM</b>	(O)
(8) EKTS Intercom Calling - Dial				(T)(O)
(a) each member	<b>1.00</b>	<b>1.50</b>	<b>DS1FE</b>	(O)
(9) EKTS Intercom Calling - Automatic				(T)(O)
(a) each member	<b>1.00</b>	<b>1.50</b>	<b>DS1FD</b>	(O)
(10) EKTS Intercom Calling - Call Appearance				(T)(O)
(a) each member	<b>1.00</b>	<b>1.50</b>	<b>M61FX</b>	(O)

**Note 1:** Due to current technological limitations, this feature may not be available in some locations.

(O)



**A142. OBSOLETE SERVICE OFFERING - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

(N)

**A142.2 ISDN - Residence Service (IRS) (Cont'd)**

(T)(O)

**A142.2.5 Optional Features (Cont'd)**

(T)(O)

**B. Rates and Charges (Cont'd)**

(O)

**1. Optional Features (Cont'd)**

(O)

**b. Optional Circuit Switched Features for use with non-EKTS or EKTS CPE**

(O)

	<b>Installation Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>	
(1) Call Forwarding Variable <sup>1</sup>				(T)(O)
(a) Voice or Voice/Data - per user <sup>2</sup>	<b>\$1.00</b>	<b>\$2.00</b>	<b>LLNCV</b>	(T)(O)
(b) Data - per user (5ESS/EWSD <sup>®</sup> )	<b>1.00</b>	<b>2.00</b>	<b>LLOCD</b>	(O)
(2) Call Forwarding Variable - Feature Button (5ESS)				(O)
(a) Voice - per PDN	<b>1.00</b>	<b>2.00</b>	<b>GJXCF</b>	(O)
(b) Data - per PDN	<b>1.00</b>	<b>2.00</b>	<b>LLPCD</b>	(O)
(3) Call Forwarding Busy Line <sup>1</sup>				(T)(O)
(a) Voice or Voice/Data - per user <sup>2</sup>	<b>1.00</b>	<b>1.00</b>	<b>LLQCV</b>	(T)(O)
(b) Data - per user (5ESS/EWSD <sup>®</sup> )	<b>1.00</b>	<b>1.00</b>	<b>LLRCD</b>	(O)
(4) Call Forwarding Busy Line - Programmable <sup>1,3</sup>				(T)(O)
(a) Voice or Voice/Data - per user <sup>2</sup>	<b>1.00</b>	<b>2.00</b>	<b>M6AVA</b>	(T)(O)
(b) Data - per user (5ESS/EWSD <sup>®</sup> )	<b>1.00</b>	<b>2.00</b>	<b>M6ADF</b>	(O)
(5) Call Forwarding Don't Answer <sup>3</sup>				(T)(O)
(a) Voice or Voice/Data - per user <sup>2</sup>	<b>1.00</b>	<b>1.00</b>	<b>LLSCV</b>	(T)(O)
(b) Data - per user (5ESS/EWSD <sup>®</sup> )	<b>1.00</b>	<b>1.00</b>	<b>LLUCD</b>	(O)
(6) Call Forwarding Don't Answer - Programmable <sup>1,3</sup>				(T)(O)
(a) Voice or Voice/Data <sup>2</sup>	<b>1.00</b>	<b>2.00</b>	<b>M6BVA</b>	(T)(O)
(b) Data - per user (5ESS/EWSD <sup>®</sup> )	<b>1.00</b>	<b>2.00</b>	<b>M6BDF</b>	(O)
(7) Call Forwarding Multiple Simultaneous <sup>1,4</sup>				(O)
(a) Voice or Voice/Data - per user <sup>2</sup>	<b>1.00</b>	<b>2.00</b>	<b>M6CV5</b>	(T)(O)
(b) Data - per user (5ESS/EWSD <sup>®</sup> )	<b>1.00</b>	<b>2.00</b>	<b>M6CD5</b>	(O)
(8) Call Pickup				(O)
(a) Per group	<b>1.00</b>	<b>4.00</b>	<b>LLVCG</b>	(O)
(b) Per member	<b>1.00</b>	<b>2.00</b>	<b>LLXCM</b>	(O)
(9) Conference, Drop, Hold and Transfer <sup>5</sup>				(O)
(a) Per user profile	<b>1.00</b>	<b>2.00</b>	<b>DS1FN</b>	(O)
<b>Note 1:</b> Feature to be applied per DN to be forwarded on 5ESS and/or EWSD <sup>®</sup> .				(T)(O)
<b>Note 2:</b> Voice/Data for use only with DMS.				(T)(O)
<b>Note 3:</b> Call Forwarding Busy Line - Programmable may not be assigned to the same DN as Call Forwarding Busy Line.				(T)(O)
<b>Note 4:</b> Use to add additional paths to the call forwarding features. Will apply to each additional path, up to nine, (9), per call forwarding feature.				(O)
<b>Note 5:</b> Only one type of Conference, Drop, Hold and Transfer is allowed per user.				(O)

**A142. OBSOLETE SERVICE OFFERING - INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

(N)

**A142.2 ISDN - Residence Service (IRS) (Cont'd)**

(T)(O)

**A142.2.5 Optional Features (Cont'd)**

(T)(O)

**B. Rates and Charges (Cont'd)**

(O)

**1. Optional Features (Cont'd)**

(O)

**b. (Cont'd)**

(O)

	<b>Installation Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>	
(10) Six-Way Conference, Drop, Hold and Transfer <sup>1</sup>				(O)
(a) Per user profile	<b>\$1.00</b>	<b>\$12.00</b>	<b>LLY6P</b>	(O)
(11) Speed Calling				(O)
(a) Per user	<b>1.00</b>	<b>3.00</b>	<b>LLZSU</b>	(O)
(12) Visual Message Waiting Indicator				(O)
(a) Per PDN	<b>1.00</b>	<b>.50</b>	<b>LLAVP</b>	(O)
(13) Audible Message Waiting Indicator (5ESS/EWSD <sup>®</sup> )				(O)
(a) Per PDN	<b>1.00</b>	<b>.50</b>	<b>MWW</b>	(O)
(14) Additional Call Appearance, PDN or DN <sup>2</sup>				(O)
(a) each	<b>1.00</b>	<b>.75</b>	<b>DS1FG</b>	(O)
(15) Call Tracing				(O)
(a) Per User Profile	<b>1.00</b>	<b>3.50</b>	<b>NST</b>	(O)
(16) Call Return (5ESS/EWSD <sup>®</sup> )				(O)
(a) Per User Profile	<b>1.00</b>	<b>3.50</b>	<b>NSS</b>	(O)
(17) Selective Call Forwarding				(O)
(a) Per User Profile	<b>1.00</b>	<b>2.50</b>	<b>NCE</b>	(O)
(18) Call Block				(O)
(a) Per User Profile	<b>1.00</b>	<b>3.50</b>	<b>NSY</b>	(O)
(19) Personalized Ring 6				(O)
(a) Per User Profile	<b>1.00</b>	<b>2.50</b>	<b>NSK</b>	(O)
(20) Repeat Dialing (5ESS/EWSD <sup>®</sup> )				(O)
(a) Per User Profile	<b>1.00</b>	<b>3.50</b>	<b>NSQ</b>	(O)
(21) Automatic Line/Direct Connect				(O)
(a) Per DN Per Terminal (DMS/5ESS)	<b>1.00</b>	<b>.75</b>	<b>M6GN9</b>	(O)
(22) Selective Call Acceptance				(O)
(a) Per User Profile (DMS/5ESS)	<b>1.00</b>	<b>2.00</b>	<b>M6K16</b>	(O)
(23) Station Restriction - Denied Origination				(O)
(a) Per User Profile	<b>1.00</b>	<b>1.00</b>	<b>M6LOA</b>	(O)
(24) Station Restriction - Denied Termination <sup>3</sup>				(O)
(a) Per User Profile	<b>1.00</b>	<b>1.00</b>	<b>M6LTA</b>	(O)
(25) Redirecting Number Delivery – No Rate (Provisioning USOC: DS1RD)				(O)
<b>Note 1:</b> Only one type of Conference, Drop, Hold and Transfer is allowed per user.				
<b>Note 2:</b> Additional call appearances on PDN or Secondary Only DN - First Appearance will appear on all sets where these numbers appear.				(O)
<b>Note 3:</b> Feature to be applied per DN on EWSD <sup>®</sup> .				(O)

**A142. OBSOLETE SERVICE OFFERINGS – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.3 Primary Rate ISDN** (M)

**A142.3.1 Reserved For Future Use** (M)

**A142.3.2 Terms and Conditions** (M)

(Obsoluted 05/30/2008, Type D. Beginning May 30, 2008, Calling Number Delivery Blocking - Permanent is not available as part of Primary Rate ISDN service for new customers, new service arrangements, rearrangements, moves or transfers. Customer arrangements with calling number delivery blocking may keep the capability for arrangements existing prior to May 30, 2008. For new customers/new service arrangements purchased on or after May 30, 2008, calling number delivery blocking is the responsibility of the customer, i.e., to be performed through their PBX or other customer premises equipment, as appropriate.) (M)

**A142.3.3 Reserved for Future Use** (M)

**A142.3.4 Rates and Charges** (M)

- A. Reserved for Future Use (M)
- B. Reserved for Future Use (M)
- C. Reserved for Future Use (M)
- D. Optional Offerings (M)

(Obsoluted October 6, 2006, Type 4. Not available for new installations, additions to existing service or transfers of existing service to a new location.) (M)

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>12 to 23 Months</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>USOC</b>	
1. Incoming Call Extension							(M)
(a) ICE-DRC, For maximum of one call per telephone number in different rate center - low use <sup>1</sup>	<b>\$ 2.00</b>	<b>\$ .30</b>	<b>\$ .28</b>	<b>\$ .27</b>	<b>\$ .25</b>	<b>PR7N1</b>	(M)
(b) ICE-DRC, For more than one simultaneous call per number in different rate center - high use, first path <sup>2</sup>	<b>25.00</b>	<b>10.00</b>	<b>9.50</b>	<b>9.00</b>	<b>8.50</b>	<b>PR7N2</b>	(M)
(c) ICE-DRC, Additional paths for (b) above, per additional path <sup>2</sup>	<b>25.00</b>	<b>8.00</b>	<b>7.60</b>	<b>7.20</b>	<b>6.80</b>	<b>PR7N3</b>	(M)

**Note 1:** Applicable for low use numbers such as those associated with non-published DID. (M)

**Note 2:** Applicable for high use numbers such as those associated with two-way trunks. (M)

## **A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

Effective September 1, 2021, ISDN - Business Service (IBS) will no longer be available for purchase by new or existing customers. (N)  
In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. The Company will continue to provide existing service to existing customers until the expiration of a customer's term agreement. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Month-to-Month rates until the service is discontinued. The Company currently plans to discontinue this service on or after September 1, 2023. The preceding supersedes all of the rules, terms and conditions that follow.

### **A142.4 ISDN - Business Service (IBS)**

(T)(O)

#### **A142.4.1 General**

(T)(O)

- A.** ISDN - Business Service (IBS) is a new intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. IBS supports simultaneous transmission of voice, data, and packet services on the same exchange access line. Calling/Called Number Delivery, Calling Name Delivery, and Call Hold are included with this service. IBS is available where facilities permit. (O)
- B.** Usage Option Plans will be available for various thresholds of local use only on National ISDN lines. (O)
  - 1. Usage Option Plan A - The Basic Local Calling area for Usage Option Plan A will be the LATA boundary. Local usage under Usage Option Plan A will be recorded on originating calls terminating within the LATA. Minutes of use rates will apply for all local usage. This plan is limited to outward only service. (O)
  - 2. Usage Option Plan B will have unlimited usage inside the Extended Local Calling Area. The Extended Local Calling Area for Usage Option Plan B will be the Basic Local Calling Area plus the Extended Calling Area as described in Section A3. (O)
  - 3. The following stipulations apply only when the IBS line from which the call originates subscribes to a Usage Option Plan. (O)
    - a. Calls completed with operator assistance within the Basic Local Calling Area and Extended local calling area will be rated at the Usage Option Plan usage charges in addition to the appropriate Operator Assisted Local Call surcharges. Such calls are itemized on the subscriber's billing statement and are billed outside any applicable usage allowances or caps. (O)
    - b. Reduced toll rates as specified in this Section of the guidebook will be applied to toll calls outside the Extended Local Calling Area but within the LATA for all calls billed to an IBS line subscribing to Usage Option Plan B. Operator assisted charges as specified in A3 apply to operator handled calls in addition to the usage charges specified. (O)
- C.** All IBS lines in an earning account must be in the same type Plan, i.e., all Flat Rate, Usage Option Plan A's, etc. Hunting between various types of plans will not be allowed. (O)
- D.** IBS provides a new method of access to the network called Basic Rate Access. Basic Rate Access will consist of one or two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point. (O)
- E.** IBS is provided through Basic Rate Access. Features are available to increase the capability of the Bearer Alternative Service and may be subscribed to on an as-needed basis. (O)

## A142. OBSOLETE SERVICE OFFERINGS INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

### A142.4 ISDN - Business Service (IBS) (Cont'd)

(T)(O)

#### A142.4.1 General (Cont'd)

(T)(O)

**F.** The following parameters may be provided with Packet Switched B channel and D channel Services:

(T)(O)

Each B channel packet terminal will be provided logical channels up to the technical capability of the serving central office. (O)

Each logical channel can carry an independent call with throughput of up to 64 Kbps. (O)

Each D channel packet terminal will be provided logical channels up to the technical capabilities of the serving central office. (O)

Each logical channel can carry an independent call with throughput of up to 9.6 Kbps. Each logical channel may be established as one of the following types: (O)

- Two-Way Switched Virtual Circuit (default) (O)

- One-Way Incoming Switched Virtual Circuit (O)

- One-Way Outgoing Switched Virtual Circuit (O)

1. Flow Control Parameter Negotiation - This parameter negotiates on a per call basis the flow control parameters. This consists of automatic negotiation of the maximum packet size and window size for each direction of data transmission. (O)

2. Throughput Class Negotiation - This parameter allows the calling station to request specific throughput classes in the call request packet for both directions of data transmission. (O)

3. Recognized Private Operation Agency (RPOA) Selection - This parameter allows an ISDN user to specify an interLATA carrier (IC) for packet-switching on a per-call basis when the customers want it different from presubscribed IC. (O)

D channels are equipped for Low Speed Packet Switched Data. This allows packet data (X.25) to be transmitted up to 9.6 Kbps on the D channel. Service includes logical channels up to the technical capability of the central office. Multiple packet calls can be active simultaneously by a user on a single D channel. Up to eight data terminals can be supported per Basic Rate Access. Service includes one data number. (O)

**G.** IBS will consist of the following components:

(T)(O)

- Basic Rate Digital Subscriber Line (DSL) Access (O)

- At least one channel, either B or D, must be activated. A maximum of two simultaneous B channels can be in use per Basic Rate Access. (O)

- Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement. (O)

**H.** Grouping Service (Hunting) is available for ISDN Individual Service.

(T)(O)

**I.** All circuit Switched B channel services must be either flat or measured. Mixing flat and measured B channel services is not allowed on the same premises except as allowed in Section A2. (T)(O)

## A142. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

### A142.4 ISDN - Business Service (IBS) (Cont'd)

(T)(O)

#### A142.4.2 Terms and Conditions

(T)(O)

- A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning. (O)
- B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications. (O)
- C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system, or otherwise affect its use or performance. (O)
- D. Suspension of service is not allowed except for IBS lines associated with MultiServ service or MultiServ PLUS service. Suspension at the request of the subscriber will be allowed on the B channel portion of these main station lines at the rates in Section A2. The subscriber may request this suspension for a maximum of three months in succession. Restoration charges will be applicable per line as specified in Section A4. (O)
- E. Service Charges in Section A4 are applicable per Basic Rate DSL access in addition to rates and charges following. (O)
- F. Usage rates, as appropriate for RegionServ, are specified in Section A3. Usage rates for all originating minutes of use under Usage Option Plan A and per minute of use rates for calls outside the Expanded Local Calling Area but inside the LATA for lines equipped with Usage Option Plan B, are specified in this section. (O)
- G. IBS will be available where facilities permit. Combinations of service will be restricted by the limits of the Company central office type and switch load. (O)
- H. ISDN Residential Service (IRS), in **A142.2**, is available for use by full-time educational institutions that are eligible for accreditation by the Southern Association of Colleges and Schools. This service is intended for in-classroom use of computers by students to access information databases, shared educational programs and students in other classrooms. Teachers and researchers may also subscribe to this service for on-campus use. These lines shall not be used to replace existing administrative lines. (T)(O)  
 IRS is also available to public libraries including the state library and archives, regional libraries, and public libraries in any county, city or town. (O)
- I. Each ISDN Basic Rate Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section A4, and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc. FCC No. 1, Section 4. (O)
- J. IBS lines may be purchased out of this Guidebook to be associated with MultiServ service or MultiServ PLUS service, located in A12.20 and A12.21. Terms and conditions for MultiServ service and MultiServ PLUS service will apply to these IBS lines except as otherwise stated in this section. (O)  
 Each ISDN Basic Rate DSL Access Arrangement will be counted as a MultiServ service or MultiServ PLUS service line in determining the total system size. (O)  
 IBS lines associated with MultiServ service or MultiServ PLUS service may purchase Optional Features compatible with ISDN from the MultiServ service Optional Features section of the MultiServ service section of the Guidebook as well as features unique to ISDN from the Optional Features in this section. When a feature is listed in the Optional Feature Sections of both the MultiServ service and IBS offerings, the IBS version of the feature should be ordered. MultiServ Service Feature Groups are not available for use with these IBS lines. (O)  
 IBS lines not associated with a MultiServ service or MultiServ PLUS service may not purchase features from the MultiServ service section of the Guidebook. (O)  
 Only 36-120 month contract periods are available under the Rate Stability Plan<sup>1</sup> in this section for IBS lines associated with MultiServ service or MultiServ PLUS service main station lines. (O)
- K. IBS served at the customer's request, from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this section, per DSL. Airline miles between the serving central offices will be used in the mileage calculation for this rate element. (O)

Note 1: As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers. (O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

**A142.4.3 Definitions**

**B CHANNEL**

A bi-directional synchronous channel capable of supporting 64 Kbps of digital transmission.

**D CHANNEL**

A 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface.

**64 KBPS CLEAR CHANNEL CAPACITY (CCC)**

A B channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

**CUSTOM ISDN**

Basic Rate ISDN based on vendor proprietary implementation. Features and services which were developed for Custom BRIs require Customer Premises Equipment (CPE) specifically designed to work on that Central Office switch.

**NATIONAL ISDN**

Basic Rate ISDN based on industry standards. National ISDN standardizes the signaling and operation of BRI across various Central Office switch types. Features and services which are delivered on a National ISDN BRI can be accessed with Customer Premises Equipment built to the National ISDN standards.

**A142.4.4 Rates and Charges**

	Installation Charge	Month to Month	Rate Stability <sup>1</sup> Monthly Rate		USOC
			24 - 59 Mos. Plan	60 - 120 Mos. Plan	
<b>A. Interoffice Circuit</b>					
1. Per DSL Circuit					
(a) Each, including first mile	\$240.00	\$115.00	\$105.00	\$95.00	M1GNC
(b) Each additional mile	-	.45	.40	.35	M1GNM
<b>B. Interface</b>					
1. Basic Rate DSL Access Arrangement/Business Service					
a. Business Service					
(1) Per DSL					
(a) ISDN Access	-	4,454.00 (I)	55.00	55.00	LTBLB
(b) ISDN Access (EWSD)	-	4,454.00 (I)	55.00	55.00	LTBEB
(2) Per DSL Usage Option Plan A					
(a) ISDN Access	-	5,650.00 (I)	69.95	69.95	LQ1AA
(b) ISDN Access (EWSD)	-	5,650.00 (I)	69.95	69.95	LQ1AC
(3) Per DSL Usage Option Plan B					
(a) ISDN Access	-	20,189.00 (I)	249.95	249.95	LQ1BA
(b) ISDN Access (EWSD)	-	20,189.00 (I)			LQ1BC
2. Channels Activated					
a. B Channel (Maximum of 2) <sup>2</sup>					
(1) Circuit Switched Voice/Data, Each					
(a) Flat Rate	-	1,328.00 (I)	13.25	11.25	LPRFX
(b) Measured	-	6.50	5.30	4.10	LPSMX
(c) Usage Option Plan A	-	-	-	-	LQLAX
(d) Usage Option Plan B	-	-	-	-	LQLBX
(2) Circuit Switched Voice/Data, Each for use with MultiServ PLUS service <sup>3</sup>					
(a) Flat Rate	-	12.25	9.35	7.25	MNCCF
(b) Measured	-	2.50	1.30	.10	MNCCR

**Note 1:** As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers.

**Note 2:** On-Demand High Speed Packet B channel requires both Circuit Switched Voice/Data and On-Demand High Speed Packet to indicate one activation.

**Note 3:** These elements may be used only with IBS lines associated with MultiServ PLUS and require Network Access Registers.

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.4 Rates and Charges (Cont'd)**

(T)(O)

C. Interface Users

(O)

1. Per User/Terminal Profile -

(O)

	Installation Charge	Month To Month	Rate Stability <sup>1</sup> Monthly Rate		USOC	
			24 - 59 Mos.Plan	60 - 120 Mos.Plan		
a. Terminal Service Profile (EWSD)						(O)
(1) Per Terminal Service Profile						(O)
(a) each	-	-	-	-	EWSTP	(O)
b. Access to B Channel CSV/CSD						(O)
(1) Flat Rate (5ESS/DMS)						(O)
(a) each	-	-	-	-	LTQ8Y	(O)
(2) Flat Rate (EWSD) <sup>2</sup>						(O)
(a) Voice	-	-	-	-	LTQVB	(O)
(b) Data	-	-	-	-	LTQDB	(O)
(3) Measured Rate - RegionServ (5ESS/DMS)						(O)
(a) without discount	-	-	-	-	LTQ86	(O)
(b) Discount Usage Option	\$1.00	\$1.00	\$1.00	\$1.00	LTQ87	(O)
(4) Measured Rate - RegionServ (EWSD)						(O)
(a) Without discount - Voice	-	-	-	-	LTQV6	(O)
(b) Without discount - Data	-	-	-	-	LTQD6	(O)
(a) Discount Usage Option - Voice	1.00	1.00	1.00	1.00	LTQV7	(O)
(b) Discount Usage Option - Data	1.00	1.00	1.00	1.00	LTQD7	(O)
(5) Usage Option Plans (5ESS/DMS)						(O)
(a) each	-	-	-	-	LQWAE	(O)
(6) Usage Option Plans (EWSD) <sup>2</sup>						(O)
(a) Voice	-	-	-	-	LQWAV	(O)
(b) Data	-	-	-	-	LQWAD	(O)
(7) Usage Option Plans - Outward Only (5ESS/DMS)						(O)
(a) each	-	-	-	-	LQWOE	(O)
(8) Usage Option Plans - Outward Only (EWSD) <sup>2</sup>						(O)
(a) Voice	-	-	-	-	LQWOV	(O)
(b) Data	-	-	-	-	LQWOD	(O)

**Note 1:** As of August 1, 2011, Rate Stability Plans are no longer available for new or renewing subscribers. (O)

**Note 2:** Shares DN with any other bearer service on the same User Profile (5ESS/EWSD). (O)



## A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

### A142.4 ISDN - Business Service (IBS) (Cont'd) (T)(O)

#### A142.4.4 Rates and Charges (Cont'd) (T)(O)

**D. Usage** (O)

	Rate Per Minute of Use	USOC	
1. Circuit Switched Voice and Data (Measured Only) Per minute rates for usage on all circuit switched services (voice and/or data) and Terms and Conditions for RegionServ are defined in A3.2.9.			(O)
2. Circuit Switched Voice and Data - Usage Option Plans Originating usage in Usage Option Plan A will be billed at the per minute of use rate per channel in use.			(O)
(a) Per Minute of Use - Usage Option A	<b>\$0.05</b>	<b>NA</b>	(O)
3. Usage Outside the Expanded Local Calling Area but inside the LATA. The following charges apply per channel in use for customer dialed calls originated from and billed to a IBS line equipped for Usage Option Plan B when calls terminate outside the Expanded Local Calling Area but inside the LATA.			(O)
(a) Per Minute of Use	<b>0.09</b>	<b>NA</b>	(O)

**E. Packages** (O)

1. Packages EZ1, EZ1A, EZ2 and EZ2A are available for use with IBS on National ISDN lines. The packages will not be available on Custom ISDN lines or lines associated with MultiServ service or MultiServ PLUS service. A credit will be applied to the monthly billing for customers purchasing IBS via one of these packages. Packages must be ordered exactly as stated in the descriptions of the packages. If any feature listed in the package is deleted or provisioning options are changed, the package credit will no longer apply. Additional optional features compatible with the package configurations are allowed with the packages. Additional features may be added only on the User Profile already provisioned with features. (O)

**Note 1:** Shares DN with any other bearer service on the same User Profile (5ESS/EWSD). (O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.4 Rates and Charges (Cont'd)**

(T)(O)

**E. Packages**

(O)

2. Description of Packages -

(O)

- a. Package EZ1 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button. (O)
- b. Package EZ1A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice mail service will be allowed with this package. (O)
- c. Package EZ2 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's. (O)
- d. Package EZ2A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's, Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice Mail service will be allowed with this package. (O)

3. Packages Rates and Charges

(O)

	<b>Monthly</b>		
	<b>Credit</b>	<b>USOC</b>	
(a) Package EZ1 Credit Per DSL	<b>\$7.60</b>	<b>LPEO1</b>	(O)
(b) Package EZ1A Credit Per DSL	<b>8.10</b>	<b>LPE1A</b>	(O)
(c) Package EZ2 Credit Per DSL	<b>8.10</b>	<b>LPEO2</b>	(O)
(d) Package EZ2A Credit Per DSL	<b>9.60</b>	<b>LPE2A</b>	(O)

**A142.4.5 Optional Features**

(T)(O)

Customers are required to subscribe to ISDN - Business Service (IBS) before ordering these features. Calling/Called Number Delivery, Calling Name Delivery, and Call Hold are provided with this service. Features are available to increase the capability of IBS and may be subscribed to on an as needed basis. Availability of Custom ISDN and National ISDN features are limited to where facilities permit and may be limited by central office type and switch load. (O)

Where facilities permit, Call Forwarding features will provide for one calling path. Up to nine (9) additional call forwardig paths may be added with a monthly charge per calling path. (O)

**A. Optional Features**

(O)

Availability of features as described in 1. and 2. following is dependent upon whether the central office is equipped with Custom ISDN or National ISDN. (O)

- 1. Features for use with Electronic Key Telephone Service (EKTS): (O)
  - This option provides a group of features that increase the user's voice terminal flexibility and offers the functionality of a key system to groups of users with EKTS equipment. (O)
  - a. Shared Primary DN - This is a primary DN that appears on one or more terminals. (O)
  - b. Secondary-Only DN - This is a secondary DN that appears on one or more terminals, but is not the primary DN on any of those terminals. (O)
  - c. Shared Secondary-Only DN - First Appearance - the first appearance of a secondary DN that appears on more than one terminal but is not the primary DN on any of those terminals. (O)
  - d. Key Short Hunt – This feature enhances call coverage by delivering key-set DN Short Hunt Capability to standard-feature ISDN Voice terminals (O)
  - e. Shared non-ISDN DN - This feature allows call coverage for an analog set. (O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK  
(ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.5 Optional Features (Cont'd)**

(T)(O)

**A. Optional Features (Cont'd)**

(O)

**2. (Cont'd)**

(O)

k. Calling/Called Number Delivery/Calling Name Delivery-National ISDN - This feature provides the user who is receiving/originating a call with information about the calling/called party and the facility or destination and is provided with IBS. Some "privacy" options may be in effect in certain areas and will be located in Sections A13 or A12.20.

(O)

l. Visual Message Waiting Indicator - Provides the user of a message service with a visual indication that a message is waiting.

(O)

m. Audible Message Waiting Indicator - Provides the user of a message service with an indication that a message is waiting.

(O)

n. Additional Call Appearance - PDN or DN - This feature allows the terminal to have more than one DN button assigned to the same DN or Primary Directory Number (PDN).

(O)

o. Call Tracing - This feature enables the customer to initiate an automatic trace of the last call received. Upon activation by the customer, the network automatically sends a message to the Company's Security Department indicating the calling number, the time the call was received, and the time the trace was activated. The customer using this feature would be required to contact the local business office for further action.

(O)

p. Call Return - This feature enables a customer to place a call to the number associated with the most recent call received, whether or not the call was answered or the number is known. The customer can dial a code or press a feature button to request that the network place the call.

(O)

If the called line is not busy, the call is placed. If the called line is busy, a confirmation announcement is heard. Once the customer hangs up, the network will monitor the busy/idle status of both lines every forty-five seconds for up to thirty minutes. If during the queuing process both lines become idle, the customer is alerted that the network is ready to place the call. When the customer picks up, the call will automatically be placed. If unanswered by the customer the alerting will repeat every five minutes until answered, or for the remainder of the thirty minute monitoring interval. Multiple numbers may be placed in queue. The first idle number will be connected first. Both the customer and the called party may originate and receive calls without affecting the call return feature status.

(O)

q. Preferred Call Forwarding - Allows the customer to transfer selected calls to another number. A screening list of up to six numbers is created by the customer and placed in the network memory via an interactive dialing sequence. Subsequently, calls are forwarded to the Call Forwarding number only if the calling number can be obtained and is found to match a number on the screening list.

(O)

If the customer also subscribes to Call Block and the same number is entered on both screening lists, the Call Block feature must be deactivated to allow the call to be forwarded.

(O)

This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified.

(O)

## A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

### A142.4 ISDN - Business Service (IBS) (Cont'd)

(T)(O)

#### A142.4.5 Optional Features (Cont'd)

(T)(O)

##### A. Optional Features (Cont'd)

(O)

##### 2. (Cont'd)

(O)

- r. Call Block - This feature provides the customer the ability to prevent incoming calls from up to six different numbers.

(O)

A screening list is created by the customer either by adding the last number associated with the line (incoming or outgoing), or by preselecting the numbers to be blocked. When a call is placed to the customer's number from a number on the screening list, the caller receives an announcement indicating that the party he is attempting to call does not wish to receive calls at this time.

(O)

If the customer also subscribes to Preferred Call Forwarding and/or Call Selector and the same numbers appear on those screening lists, Call Block will take precedence.

(O)

This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified.

(O)

- s. Call Selector - This feature provides an alerting to the subscribing customer for up to six specific numbers.

(O)

The customer creates a screening list of up to six numbers through an interactive dialing sequence. When a call is received from one of the predetermined numbers, the customer is alerted. Calls from the numbers not included on the screening list will produce a normal ring.

(O)

When a number on the Call Selector screening list also appears on the Preferred Call Forwarding list, the Preferred Call Forwarding will take precedence. Likewise, when the same number is shown on the Call Block list, the call will be blocked.

(O)

The customer's line will not produce an alert if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified.

(O)

- t. Repeat Dialing - Repeat Dialing, when activated, automatically redials the last number the customer attempted to call. If the called line is not busy, the call will be placed.

(O)

If the called line is busy, a confirmation announcement is heard, the customer hangs up and a queuing process begins. For the next thirty minutes both the calling and called lines are checked periodically for availability to complete the call. If during this queuing process the called line becomes idle, the customer is alerted that the network is ready to place the call. When the customer picks up, the call will automatically be placed.

(O)

- u. Automatic Line/Direct Connect - Station specially programmed to dial specific internal station number or "0" or the attendant when the station user goes off-hook.

(O)

- v. Make Set Busy - Provides the individual station user the option of making the line or Directory Number appear busy/unavailable to incoming calls. The All Calls feature enables the user to make the line appear busy to all types of incoming calls. The Intragroup feature makes the line appear busy to intragroup calls with external calls not blocked.

(O)

- w. Selective Call Acceptance - Allows customers to accept incoming voice calls only from certain numbers selected by the customer.

(O)

- x. Station Restriction - Allows a station line to be assigned various types of restriction.

(O)

- Denied Termination allows the station line to be used for outgoing calls only. It cannot receive incoming calls. All incoming calls are routed to common intercept announcement.

(O)

- Denied Originating from Outgoing Calls allows the station line to be used for incoming calls only. No outgoing calls can be originated from it.

(O)

- y. Redirected Number Feature - Redirected number delivery may be provided as a terminating feature. If the received call has been previously forwarded, the first and last forwarding DN's will be delivered to the called party who subscribes to redirected number delivery.

(O)

- z. Call Park/Call Retrieve - The Call Park feature allows a user, active on a call, to park a call against the user's DN. When parked, the call is in a state similar to Hard Hold. After being parked, the call can be retrieved by the user.

(O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.5 Optional Features (Cont'd)**

(T)(O)

**A. Optional Features (Cont'd)**

(O)

**2. (Cont'd)**

(O)

aa. Call Transfer System Exception - This feature allows the user to have Call Transfer capabilities that differ from the capabilities established for the customer group. The different capabilities may include the type of call that can be transferred and/or the destination to which it can be transferred.

(O)

ab. Dial Call Waiting - The Dial Call Waiting feature provides the ability for originating main station lines to invoke call waiting service on selected intragroup calls by dialing an access code followed by the extension number of the main station line to be call waited.

(O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.5 Optional Features (Cont'd)**

(T)(O)

**A. Optional Features (Cont'd)**

(O)

3. Packet Switched Features - The following features are available for use with Packet Switched B channel and D channel Bearer Services:

(O)

a. International Closed User Groups (ICUG) - This feature allows packet subscribers to form sub-networks within which members can communicate. The ICUG is billed on a per-member basis. Users can be members of more than one ICUG. The ICUG can be designed with the following configurations:

(O)

- Incoming calls barred within the ICUG

(O)

- Outgoing calls barred within the ICUG

(O)

- ICUG with incoming access

(O)

- ICUG with outgoing access

(O)

**B. Rates and Charges**

(O)

1. Optional Features

(O)

a. Feature for use with EKTS CPE Circuit Switched Voice/Circuit Switched Data

(O)

	Installation Charge	Month To Month	Rate Stability <sup>1</sup>		USOC	
			24-59 Mos. Plan	60-120 Mos. Plan		
(1) Shared Primary DN - First appearance on each additional terminal						
(a) each	\$2.00	\$4.00	\$2.75	\$1.50	DS1FJ	(O)
(2) Secondary Only DN (Shared or Non-Shared) - First appearance						
(a) each	2.00	4.00	2.75	1.50	LLDSF	(O)
(3) Shared Secondary Only DN - First appearance on each additional terminal						
(a) each	2.00	4.00	2.75	1.50	DS1F1	(O)
(4) Key Short Hunt (DMS 100)						
(a) each	2.00	-	-	-	DS1KS	(O)
(5) Key Set Music on Hold (DMS 100)						
(a) each	2.00	-	-	-	DS1MH	(O)
(6) Shared Non-ISDN DN <sup>2</sup>						
(a) each	2.00	4.00	2.75	1.50	DOE	(O)
(7) Privacy Release						
(a) per shared DN	2.00	.50	.40	.25	DS1FU	(O)
(8) Manual Exclusion						
(a) per shared DN	2.00	.50	.40	.25	DS1FM	(O)
(9) EKTS Intercom Calling - Dial						
(a) each member	2.00	3.00	2.05	1.10	DS1FE	(O)
(10) EKTS Intercom Calling - Automatic						
(a) each member	2.00	3.00	2.05	1.10	DS1FD	(O)
(11) EKTS Intercom Calling - Call Appearance						
(a) each member	2.00	3.00	2.05	1.10	M61FX	(O)

**Note 1:** As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers.

(O)

**Note 2:** Due to current technological limitations, this feature may not be available in some locations.

(O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.5 Optional Features (Cont'd)**

(T)(O)

**B. Rates and Charges (Cont'd)**

(O)

1. Optional Features (Cont'd)

(O)

b. Optional Circuit Switched Features for use with non-EKTS or EKTS CPE

(O)

	Installation Charge	Month To Month	Rate Stability <sup>1</sup>		USOC	
			24-59 Mos. Plan	60-120 Mos. Plan		
(1) Call Forwarding Variable <sup>2</sup>						(O)
(a) Voice or Voice/Data - per user <sup>3</sup>	\$2.00	\$3.00	\$2.05	\$1.10	LLNCV	(O)
(b) Data - per user (5ESS/EWSD)	2.00	3.00	2.05	1.10	LLOCD	(O)
(2) Call Forwarding Variable - Feature Button (5ESS)						(O)
(a) Voice - per PDN	2.00	3.00	2.05	1.10	GJXCF	(O)
(b) Data - per PDN	2.00	3.00	2.05	1.10	LLPCD	(O)
(3) Call Forwarding Busy Line <sup>2</sup>						(O)
(a) Voice or Voice/Data - per user <sup>3</sup>	2.00	2.50	1.55	.60	LLQCV	(O)
(b) Data - per user (5ESS/EWSD)	2.00	2.50	1.55	.60	LLRCD	(O)
(4) Call Forwarding Busy Line - Programmable <sup>2,4</sup>						(T)
(a) Voice or Voice/Data - per user <sup>3</sup>	2.00	2.50	1.55	.60	M6AVA	(O)
(b) Data - per user (5ESS/EWSD)	2.00	2.50	1.55	.60	M6ADF	(O)
(5) Call Forwarding Don't Answer <sup>2</sup>						(O)
(a) Voice or Voice/Data - per user <sup>3</sup>	2.00	2.50	1.55	.60	LLSCV	(O)
(b) Data - per user (5ESS/EWSD)	2.00	2.50	1.55	.60	LLUCD	(O)
(6) Call Forwarding Don't Answer - Programmable <sup>2,5</sup>						(O)
(a) Voice or Voice/Data - per user <sup>3</sup>	2.00	2.50	1.55	.60	M6BVA	(O)
(b) Data - per user (5ESS/EWSD)	2.00	2.50	1.55	.60	M6BDF	(O)
(7) Call Forwarding Multiple Simultaneous <sup>2,6</sup>						(O)
(a) Voice or Voice/Data - per user <sup>3</sup>	2.00	3.00	2.05	1.10	M6CV5	(O)
(b) Data - per user (5ESS/EWSD)	2.00	3.00	2.05	1.10	M6CD5	(O)
(8) Call Pickup						(O)
(a) Per group	2.00	4.00	2.75	1.50	LLVCG	(O)
(b) Per member	2.00	2.00	1.00	.50	LLXCM	(O)
(9) Conference, Drop, Hold and Transfer <sup>7</sup>						(O)
(a) Per user profile	2.00	3.00	2.05	1.10	DSIFN	(O)
<b>Note 1:</b> As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers.						(O)
<b>Note 2:</b> Feature to be applied per DN to be forwarded on 5ESS and/or EWSD.						(O)
<b>Note 3:</b> Voice/Data for use only with DMS.						(O)
<b>Note 4:</b> Call Forwarding Busy Line - Programmable may not be assigned to the same DN as Call Forwarding Busy Line.						(O)
<b>Note 5:</b> Call Forwarding Don't Answer - Programmable may not be assigned to the same DN as Call Forwarding Don't Answer.						(O)
<b>Note 6:</b> Use to add additional paths to the call forwarding features. Will apply to each additional path, up to nine, (9), per call forwarding feature.						(O)
<b>Note 7:</b> Only one type of Conference, Drop, Hold and Transfer is allowed per user.						(O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.5 Optional Features (Cont'd)**

(T)(O)

**B. Rates and Charges (Cont'd)**

(O)

1. Optional Features (Cont'd)

(O)

b. Optional Circuit Switched Features for use with non-EKTS or EKTS CPE (Cont'd)

(O)

	Installation Charge	Month To Month	Rate Stability <sup>1</sup> Monthly Rate		USOC	
			Mos. Plan 24-59	Mos. Plan 60-120		
(10) Six-Way Conference, Drop, Hold and Transfer <sup>2</sup>						(O)
(a) Per user profile	\$2.00	\$12.00	\$9.50	\$7.00	LLY6P	(O)
(11) Hunt Group - Voice or Voice/Data <sup>3</sup>						(O)
(a) Per flat rate line - Voice or Voice/Data (Rates as specified in A3.19, apply)	-	-	-	-	HTG	(O)
(12) Hunt Group - Voice or Voice/Data <sup>3</sup>						(O)
(a) Per measured rate line - Voice or Voice/Data (Rates as specified in A3.19, apply)	-	-	-	-	HTGME	(O)

**Note 1:** As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers. (O)

**Note 2:** Only one type of Conference, Drop, Hold and Transfer is allowed per user. (O)

**Note 3:** Voice/Data for use only with DMS. (O)



**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.5 Optional Features (Cont'd)**

(T)(O)

**B. Rates and Charges (Cont'd)**

(O)

1. Optional Features (Cont'd)

(O)

b. Optional Circuit Switched Features for use with non-EKTS or EKTS CPE (Cont'd)

(O)

	Installation Charge	Month To Month	Rate Stability <sup>1</sup> Monthly Rate		USOC	
			24-59 Mos. Plan	60-120 Mos. Plan		
(13) Hunt Group - Data (5ESS/EWSD)						
(a) Per line - Data (Rates as specified in A3.19 apply)	\$-	\$-	\$-	\$-	HTGSD	(O)
(14) Speed Calling						
(a) Per user	2.00	4.00	2.75	1.50	LLZSU	(O)
(15) Visual Message Waiting Indicator						
(a) Per PDN	2.00	.50	.40	.25	LLAVP	(O)
(16) Audible Message Waiting Indicator						
(a) Per PDN	2.00	.50	.40	.25	MWW	(O)
(17) Additional Call Appearance, PDN or DN <sup>2</sup>						
(a) each	2.00	2.00	1.00	.50	DS1FG	(O)
(18) Call Tracing <sup>3</sup>						
(a) Per User Profile	2.00	4.50	3.25	2.00	NST	(O)
(19) Call Return (5ESS)						
(a) Per User Profile	2.00	4.00	2.75	1.50	NSS	(O)
(20) Preferred Call Forwarding						
(a) Per User Profile <sup>3</sup>	2.00	3.00	2.05	1.50	NCE	(O)
(21) Call Block						
(a) Per User Profile <sup>3</sup>	2.00	4.00	2.75	1.50	NSY	(O)
(22) Call Selector						
(a) Per User Profile <sup>3</sup>	2.00	3.00	2.05	1.10	NSK	(O)
(23) Repeat Dialing (5ESS/EWSD)						
(a) Per User Profile <sup>3</sup>	2.00	4.00	2.75	1.50	NSQ	(O)
(24) Automatic Line/Direct Connect (DMS/5ESS)						
(a) Per PDN Per Terminal	2.00	1.00	.75	.50	M6GN9	(O)
(25) Make Set Busy						
(a) Per PDN (DMS)	1.00	1.00	.75	.50	M6MPD	(O)
(26) Selective Call Acceptance						
(a) Per User Profile (DMS/5ESS)	1.00	3.00	2.05	1.10	M6K16	(O)
(27) Station Restriction - Denied Origination <sup>3</sup>						
(a) Per User Profile	1.00	1.00	.75	.50	M6LOA	(O)

**Note 1:** As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers. (O)

**Note 2:** Additional call appearances on PDN or Secondary Only DN - First Appearance will appear on all sets where these numbers appear. (O)

**Note 3:** Feature to be applied per DN on EWSD. (O)

**A142. OBSOLETE SERVICE OFFERINGS-INTEGRATED SERVICES DIGITAL NETWORK (ISDN)**

**A142.4 ISDN - Business Service (IBS) (Cont'd)**

(T)(O)

**A142.4.5 Optional Features (Cont'd)**

(T)(O)

**B. Rates and Charges (Cont'd)**

(O)

1. Optional Features (Cont'd)

(O)

b. Optional Circuit Switched Features for use with non-EKTS or EKTS CPE (Cont'd)

(O)

	Installation Charge	Month To Month	Rate Stability <sup>1</sup>		USOC	
			Monthly Rate 24-59 Mos. Plan	Monthly Rate 60-120 Mos. Plan		
(28) Redirecting Number – No Rate (Provisioning USOC: DS1RD)						(O)
(29) Station Restriction – Denied Termination						(O)
(a) Per User Profile	\$1.00	\$1.00	\$.75	\$.50	M6LTA	(O)
(30) Call Park/Call Retrieve <sup>2,3</sup>						(O)
(a) Per PDN	2.00	1.00	.75	.50	M6HP6	(O)
(31) Call Transfer System Exception <sup>3</sup>						(O)
(a) Per PDN (DMS)	1.00	1.00	.75	.50	M6QTD	(O)
(32) Dial Call Waiting <sup>3</sup>						(O)
(a) Per DN (5ESS/EWSD)	1.00	1.00	.75	.50	M6JNF	(O)
(33) Make Set Busy – Intragroup <sup>3</sup>						(O)
(a) Per PDN (DMS)	1.00	1.00	.75	.50	M6MGD	(O)

**Note 1:** As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers. (O)

**Note 2:** Feature to be applied per DN on 5ESS. (O)

**Note 3:** This feature is available only on lines associated with a MultiServ or MultiServ PLUS system. (O)