## TARIFF DISTRIBUTION

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**PURPOSE:** Remove PRI X.25 Packet Switching Service

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A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service

A12.26.1 General

A. BellSouth Centrex ISDN is an intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. BellSouth Centrex ISDN supports simultaneous transmission of voice, data, and packet services on the same exchange access line Calling/Called Number Delivery, Calling Name Delivery in equipped 5ESS and EWSD switches, Call Hold and Intercom are included with this service. BellSouth Centrex ISDN is available only for use with BellSouth Centrex service. BellSouth Centrex ISDN provides access to the telephone network through a Basic Rate Digital Subscriber Line (DSL) Access Arrangement. Basic Rate Digital Subscriber Line (DSL) Access Arrangement will allow transmission on one or two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point.

B. 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) per user access. The ISDN Standard Features rate element is required for each B channel circuit switched user access.

C. (DELETED)

D. (DELETED)
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service (Cont’d)

A12.26.1 General (Cont’d)

E.  (DELETED)

F.  BellSouth Centrex ISDN Service will consist of the following components:
- BellSouth Centrex Service Common Equipment
- Station Lines
- Network Access Registers
- Optional Features

G.  The BellSouth Centrex ISDN service station line will be comprised of the following components:
- Basic Rate Digital Subscriber Line (DSL) Access
- At least one channel, either B or D, must be activated. A minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement
- Standard Features

H.  The Basic Rate Digital Subscriber Line (DSL) Access will be counted as the station line in determining the application of the service Charges specified in Section A4. of this Tariff and the End User Charges as specified in the End User Common Access Service Section of BellSouth Telecommunications, Inc., FCC No.1, Section 4.

A12.26.2 Regulations

A.  BellSouth Centrex ISDN Service is available only in connection with BellSouth Centrex Service. Rules and Regulations for BellSouth Centrex Service in A12.25 will apply to BellSouth Centrex ISDN service.

B.  Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

C.  The Company will be responsible for publishing and maintaining ISDN Interface Specifications.
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service (Cont'd)

A12.26.2 Regulations (Cont'd)

D. 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.

E. Suspension of service will be allowed under the rules and regulations in A12.25, except that suspension of service will not be applicable to the packet portion of the BellSouth Centrex ISDN line. The Basic Rate Digital Subscriber Line (DSL) Access and User Profile per circuit switched voice/data of the suspended line will be at the reduced rate as specified in A12.25. The features associated with the suspended line will be suspended at no rate.

A12.26.3 Rates and Charges

A. The BellSouth Centrex ISDN Service is associated with existing forms of exchange access which is BellSouth Centrex Service. These rates and charges are applicable in addition to the rates and charges for associated services and features.

B. BellSouth Centrex ISDN Service B and D channel access will be available in combinations restricted by the limits of the Company central office type. The subscriber will choose the most appropriate combination(s) and will be billed the required B and D channel access and the additional options as needed.

C. Rates and charges for BellSouth Centrex ISDN Service Common Equipment are in addition to the charges in this section of the tariff.

D. Interoffice circuit

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<tr>
<td>(b) Each addl. mile</td>
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<td>E. ISDN Basic Rate Digital Subscriber Line (DSL) Access Capability Charges</td>
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</table>

1. Basic Rate DSL Access Arrangement

a. Two-wire interface

(1) Per DSL

<table>
<thead>
<tr>
<th>Charge</th>
<th>Plan 1</th>
<th>Plan 2</th>
<th>Plan 3</th>
<th>Plan 4</th>
<th>Plan 5</th>
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<td>37.00</td>
<td>37.00</td>
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<tr>
<td>(c) Low volume - EWSD</td>
<td>130.00</td>
<td>37.00</td>
<td>37.00</td>
<td>37.00</td>
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### A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

#### A12.26 BellSouth Centrex ISDN Service (Cont'd)

**A12.26.3 Rates and Charges (Cont'd)**

**E. ISDN Basic Rate Digital Subscriber Line (DSL) Access Capability Charges (Cont'd)**

2. B and D Channel Access

   a. Interface Users

      1. Terminal Service Profile (EWSD)

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<tr>
<th></th>
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<th>Plan 1</th>
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<th>Plan 3</th>
<th>Plan 4</th>
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<th>USOC</th>
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4. **(DELETED)**

5. **(DELETED)**

**Note 1:** This element is applied to each B channel access to circuit switched voice/data on a DSL.

**Note 2:** Both Voice and Data required on EWSD.
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service (Cont'd)

A12.26.3 Rates and Charges (Cont'd)

E. ISDN Basic Rate Digital Subscriber Line (DSL) Access Capability Charges (Cont'd)

2. B and D Channel Access (Cont'd)
   a. Interface Users (Cont'd)
      
      (6) (DELETED)

      (7) (DELETED)
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service

A12.26.5 Optional Features List

A. Optional Features

Optional Features may be added to the BellSouth Centrex ISDN service line as needed. The features are applied as specified.

B. Rates and Charges

1. Optional Features

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

      (1) Six-Way Conference, Drop, Hold and Transfer

      (a) Per User Profile

      b. (DELETED)

      c. Feature Function Button Programming

         (a) Per Configuration Group (5ESS) 32.00 - DS1A1
         (b) Per Terminal (DMS) 4.00 - DS1A2
         (c) Per Feature Key Map (EWSD) 32.00 - DS1A3

   Note 1: Charges for Feature Function Button Programming will be based on the total number of Configuration Groups, Terminals or Feature Key Maps programmed.
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service

A12.26.1 General

A. BellSouth Centrex ISDN is an intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. BellSouth Centrex ISDN supports simultaneous transmission of voice, data, and packet services on the same exchange access line Calling/Called Number Delivery, Calling Name Delivery in equipped 5ESS and EWSD switches, Call Hold and Intercom are included with this service. BellSouth Centrex ISDN is available only for use with BellSouth Centrex service. BellSouth Centrex ISDN provides access to the telephone network through a Basic Rate Digital Subscriber Line (DSL) Access Arrangement. Basic Rate Digital Subscriber Line (DSL) Access Arrangement will allow transmission on one or two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point.

B. 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) per user access. The ISDN Standard Features rate element is required for each B channel circuit switched user access.

C. (DELETED)

D. (DELETED)
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service (Cont’d)

A12.26.1 General (Cont’d)

E.  (DELETED)

F.  BellSouth Centrex ISDN Service will consist of the following components:
   - BellSouth Centrex Service Common Equipment
   - Station Lines
   - Network Access Registers
   - Optional Features

G.  The BellSouth Centrex ISDN service station line will be comprised of the following components:
   - Basic Rate Digital Subscriber Line (DSL) Access
   - At least one channel, either B or D, must be activated.  A minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement
   - Standard Features

H.  The Basic Rate Digital Subscriber Line (DSL) Access will be counted as the station line in determining the application of the service Charges specified in Section A4. of this Tariff and the End User Charges as specified in the End User Common Access Service Section of BellSouth Telecommunications, Inc., FCC No.1, Section 4.

A12.26.2 Regulations

A.  BellSouth Centrex ISDN Service is available only in connection with BellSouth Centrex Service.  Rules and Regulations for BellSouth Centrex Service in A12.25 will apply to BellSouth Centrex ISDN service.

B.  Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

C.  The Company will be responsible for publishing and maintaining ISDN Interface Specifications.
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service (Cont'd)

A12.26.2 Regulations (Cont'd)

D. 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.

E. Suspension of service will be allowed under the rules and regulations in A12.25, except that suspension of service will not be applicable to the packet portion of the BellSouth Centrex ISDN line. The Basic Rate Digital Subscriber Line (DSL) Access and User Profile per circuit switched voice/data of the suspended line will be at the reduced rate as specified in A12.25. The features associated with the suspended line will be suspended at no rate.

A12.26.3 Rates and Charges

A. The BellSouth Centrex ISDN Service is associated with existing forms of exchange access which is BellSouth Centrex Service. These rates and charges are applicable in addition to the rates and charges for associated services and features.

B. BellSouth Centrex ISDN Service B and D channel access will be available in combinations restricted by the limits of the Company central office type. The subscriber will choose the most appropriate combination(s) and will be billed the required B and D channel access and the additional options as needed.

C. Rates and charges for BellSouth Centrex ISDN Service Common Equipment are in addition to the charges in this section of the tariff.

D. Interoffice circuit

1. Per DSL

<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>Plan 1</th>
<th>Plan 2</th>
<th>Plan 3</th>
<th>Plan 4</th>
<th>Plan 5</th>
<th>USOC</th>
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<td></td>
<td>$240.00</td>
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<td>$110.00</td>
<td>$105.00</td>
<td>$100.00</td>
<td>$95.00</td>
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<tr>
<td>(a) Each, including first mile</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(b) Each addl. mile</td>
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<td>0.45</td>
<td>0.42</td>
<td>0.39</td>
<td>0.37</td>
<td>0.35</td>
</tr>
</tbody>
</table>

E. ISDN Basic Rate Digital Subscriber Line (DSL) Access Capability Charges

1. Basic Rate DSL Access Arrangement

a. Two-wire interface

(1) Per DSL

| (a) Low volume - 5ESS/DMS | 130.00 | 37.00 | 37.00 | 37.00 | 37.00 | LTU1X |
| (b) (DELETED)             |        |      |      |      |      |       |
| (c) Low volume - EWSD     | 130.00 | 37.00 | 37.00 | 37.00 | 37.00 | LTU1E |
| (b) (DELETED)             |        |      |      |      |      |       |
### A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

#### A12.26 BellSouth Centrex ISDN Service (Cont’d)

**A12.26.3 Rates and Charges (Cont’d)**

**E. ISDN Basic Rate Digital Subscriber Line (DSL) Access Capability Charges (Cont'd)**

2. B and D Channel Access
   a. Interface Users
      1. Terminal Service Profile (EWSD)

<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>Plan 1</th>
<th>Plan 2</th>
<th>Plan 3</th>
<th>Plan 4</th>
<th>Plan 5</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Each -</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>(b) Circuit Switched Voice/Data (5ESS/DMS)</td>
<td>$10.00</td>
<td>$9.75</td>
<td>$8.25</td>
<td>$6.75</td>
<td>$5.25</td>
<td>$3.75</td>
</tr>
<tr>
<td>(c) Circuit Switched Voice - EWSD</td>
<td>10.00</td>
<td>9.75</td>
<td>8.25</td>
<td>6.75</td>
<td>5.25</td>
<td>3.75</td>
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<td>(d) Circuit Switched Data - EWSD</td>
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</table>

3. Alternative Voice and Data - For use with Measured Rate BellSouth Centrex ISDN Service
   a. Circuit Switched Voice/Data (5ESS/DMS) | 10.00  | 7.75   | 6.50   | 5.25   | 4.00   | 2.75 | LTQ8M |
   b. Circuit Switched Voice - EWSD | 10.00  | 7.75   | 6.50   | 5.25   | 4.00   | 2.75 | LTQMV |
   c. Circuit Switched Data - EWSD | -      | -      | -      | -      | -      | -    | LTQMD |

4. **(DELETED)**

5. **(DELETED)**

**Note 1:** This element is applied to each B channel access to circuit switched voice/data on a DSL.

**Note 2:** Both Voice and Data required on EWSD.
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service (Cont'd)

A12.26.3 Rates and Charges (Cont'd)

E. ISDN Basic Rate Digital Subscriber Line (DSL) Access Capability Charges (Cont'd)

2. B and D Channel Access (Cont'd)
   a. Interface Users (Cont’d)
      (6) (DELETED)
      (7) (DELETED)
A12. CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERING

A12.26 BellSouth Centrex ISDN Service

A12.26.5 Optional Features List

A. Optional Features

Optional Features may be added to the BellSouth Centrex ISDN service line as needed. The features are applied as specified.

B. Rates and Charges

1. Optional Features

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

      (1) Six-Way Conference, Drop, Hold and Transfer

      | Nonrecurring Charge | Monthly Rate | USOC |
      |--------------------|-------------|------|
      | $2.00              | $9.50       | LLY6P|

   b. (DELETED)

   c. Feature Function Button Programming

      | Nonrecurring Charge | Monthly Rate | USOC |
      |--------------------|-------------|------|
      | $32.00             | -           | DS1A1|
      | $4.00              | -           | DS1A2|
      | $32.00             | -           | DS1A3|

Note 1: Charges for Feature Function Button Programming will be based on the total number of Configuration Groups, Terminals or Feature Key Maps programmed.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS)

A42.1.1 General

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 and data on the same exchange access line. Calling/Called Number Delivery, Calling Name Delivery, and Call Hold are included with this service where facilities permit.

B. A Usage Option Plan will be available only on National ISDN IBS lines. The Usage Option Plan will allow outward calling to all exchange access lines within the LATA at the usage rates specified in this section of the Tariff. (The LATA for each exchange and the exchanges in each LATA, are listed in Section A3.6 of this Tariff.) Usage under this plan will be recorded on originating calls terminating within the LATA. There is no usage allowance on this plan. Usage Caps do not apply to this plan. This plan is limited to outward only.

The following stipulations apply only when the IBS line from which the call originates subscribes to a Usage Option Plan.

1. Calls completed with automated calling cards or 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.

All IBS lines in an earning account must be in the same type Plan, i.e., all Flat Rate, Usage Option Plans, etc. Hunting between various types of plans will not be allowed.

C. A minimum service period of three months will be required on IBS lines established after September 1, 1998. Termination Charges as defined in this tariff will apply if the subscriber terminates or disconnects the service prior to fulfilling the three months period.

D. IBS provides a new method of access to the telephone 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.

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.

F. 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).

G. (DELETED)
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.1 General (Cont’d)

H. (DELETED)

I. (DELETED)

J. IBS will consist of the following components:
   - Basic Rate Digital Subscriber Line (DSL) Access
   - 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.
   - Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement.

K. Grouping Service (Hunting) is available for ISDN Individual Service.

L. 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. of this Tariff.

A42.1.2 Regulations

A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.

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.

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 fifty percent of the rate regularly charged. Optional features outlined in Section A12. and this section of the Tariff will be suspended at no recurring charge during the period of suspension unless otherwise noted. Other rules and restrictions as outlined in Section A2. of this Tariff apply.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.2 Regulations (Cont’d)

E. Service Charges in Section A4. of this Tariff are applicable per Basic Rate DSL access in addition to rates and charges following.

F. Usage rates as appropriate for Local Optional Service Option B (LOS-B) are specified in Section A3. this Tariff. Usage rates for all originating minutes of use under the Usage Option Plan are specified in this section of the Tariff.

G. IBS will be available where central office and outside plant facilities permit.

H. (DELETED)

I. IBS served 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 of this Tariff per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the rules and regulations in Section A9.

Existing customers may convert to the Interoffice Circuits in this Section of the Tariff or they may continue to pay rates for interoffice facilities from Section A9 of this tariff until they make changes or additions. Existing customers choosing to convert interoffice facilities will not be charged the installation charge for Interoffice Circuits. Appropriate charges from Section A4. of the Tariff are also not applicable for these conversions. Any changes or additions completed at the time of conversion will be charged the appropriate Installation charges. When the customer requests changes or additions to existing interoffice facilities, they must subscribe to the Interoffice Circuits from this Section of the Tariff.

At the Company's option, when the normal serving central office is not equipped for ISDN, a customer may be served with ISDN from another central office. When the Company elects this serving arrangement, the interoffice charges will not apply. IBS customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. Should the customer request to be served from an ISDN equipped central office other than the normal serving central office, the appropriate interoffice or interexchange charges will apply.

Charges for interoffice facilities will apply for any IBS line associated with a MultiServ service or MultiServ PLUS service that is served from a central office other than the normal service central office.

J. 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. of this Tariff and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc., FCC No. 1. Section 4.

K. IBS lines may be purchased out of this Tariff to be associated with MultiServ service or MultiServ PLUS service, located in A12.20 and A12.21 of this Tariff. Terms and conditions for MultiServ service and MultiServ PLUS service will apply to these IBS lines except as otherwise stated in this section of the Tariff.

Each ISDN Basic DSL Access Arrangement will be counted as a MultiServ service or MultiServ PLUS service line in determining the total system size.

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 Tariff as well as features unique to ISDN lines from the Optional Features in this section of the Tariff. When a feature is listed in the Optional Feature Sections of both the MultiServ service and IBS tariffs, the IBS version of the feature should be ordered. MultiServ Service Feature Groups are not available for use with these IBS lines.

IBS lines not associated with a MultiServ service or MultiServ PLUS service may not purchase features from the MultiServ service section of the Tariff.

Only 36-120 months contract periods are available under the Rate Stability Plan in this section of the tariff for IBS lines associated with a MultiServ service or MultiServ PLUS service as those lines must be coterminal with the MultiServ service or MultiServ PLUS service main station lines.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.3 Definitions

B CHANNEL
A B channel is a bidirectional synchronous channel capable of supporting 64 Kbps of digital transmission.

BASIC RATE DSL ACCESS ARRANGEMENT
The Basic Rate DSL Arrangement is the tariff element that represents the ISDN central office equipment and the loop to the customer's premises. This element alone does not provide ISDN service, but requires activation of at least one B or D channel.

CONFIGURATION GROUPS
Configuration Groups use a similar software assignment concept to associate physical buttons of ISDN terminals to features and actions. Since Configuration Groups use a group assignment process, it is necessary to group ISDN terminals together by type and common button action, so that terminals assigned to the same Configuration Group will operate in the same button numbers on any other terminals in the same Configuration Group, as long as the same features/call appearances are used on each terminal. If not, the buttons cannot be used for a different feature or function. Variations in terminal types, features, call appearances, and feature button location will necessitate multiple Configuration Groups.

D CHANNEL
A D channel is a 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface (BRI).

DIRECTORY NUMBERS (DN)
The telephone numbers associated with B or D channel access.
- Primary Directory Number (PDN) is a directory number included with each access to a B or D channel.
- Secondary Number is a directory number that is not the Primary DN on any terminal. Secondary Directory Numbers may be purchased separately.
- Shared Directory Number, either Primary or Secondary, is a directory number that appears on more than one terminal. Shared Directory Numbers may be purchased separately.
- Unique Directory Number is Primary Directory Number that is not shared with any other B or D channel service on the same User Profile.

FEATURE KEY MAP
In order to provide "key type" activation and status indication of specified features, each TSP may be associated with a set of Feature Activators (FAs) and a set of Feature Indicators (FIs). A Feature Key Management Profile (MAP) is a set of FAs and FIs associated with a TSP.

LOGICAL CHANNEL
A communications channel through the network that allows simultaneous transmission of sequenced data packets through the network. No circuit capacity is preassigned to a logical channel; capacity is made available as data is transmitted.

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.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.3 Definitions (Cont’d)

TERMINAL SERVICE PROFILE
The Terminal Service Profile (TSP) represents a logical ISDN terminal. The TSP contains a unique set of feature parameters, and the parameters assigned to the TSP are common to the physical terminals and DN/CTs assigned to that TSP.

USER PROFILE
Elements in the User Profile section of the ISDN Individual Services Tariff are used to define the identity and capabilities of each user.

VIRTUAL CIRCUIT
A logical connection across a packet switch network that emulates a point-to-point circuit by insuring data integrity, transparency and data sequence.

A42.1.4 Rates and Charges

A. Interoffice circuit

1. Per DSL

   (a) Each, including first mile
   (b) Each additional mile

<p>| Rate Stability |</p>
<table>
<thead>
<tr>
<th>Month</th>
<th>Installation</th>
<th>Monthly Rate To 24-59</th>
<th>60-120 USOC</th>
</tr>
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<td>$105.00</td>
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<tr>
<td>Rate</td>
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<td>.45</td>
<td>.40</td>
</tr>
</tbody>
</table>

   (a) Each, including first mile
   (b) Each additional mile

B. Interface

1. Basic Rate DSL Access Arrangement

   a. Business Service

      (1) Per DSL

         (a) ISDN Access (5ESS/DMS) 130.00 55.00 55.00 55.00 LTLB (D)
         (b) ISDN Access (EWSD) 130.00 55.00 55.00 55.00 LTBE (T)
         (c) ISDN Access (EWSD) 130.00 55.00 55.00 55.00 LQIA (D)
         (d) ISDN Access (EWSD) 130.00 69.95 69.95 69.95 LQIA (T)

   2. Channels Activated

      a. B Channel (Maximum of 2)

         (1) Circuit Switched Voice/Data, Each

            (a) Flat Rate - 16.25 13.25 11.25 LPRFX (T)
            (b) Measured - 6.50 5.30 4.10 LPSMX (T)
            (c) Usage Option Plan - - - LQLAX (T)
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.4 Rates and Charges (Cont'd)

B. Interface (Cont'd)

2. Channels Activated (Cont'd)

   (2) Circuit Switched Voice/Data for use with MultiServ PLUS service, each

<table>
<thead>
<tr>
<th>Rate Stability</th>
<th>Month Installation</th>
<th>Monthly Rate To 24-59</th>
<th>Mos. Plan</th>
<th>Mos. Plan 60-120</th>
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<tr>
<td>Measured</td>
<td>-</td>
<td>2.50</td>
<td>1.30</td>
<td>.10</td>
<td>MNCCR</td>
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Note: These rate elements may be used only with IBS lines associated with MultiServ PLUS service and require Network Access Registers.
### A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

#### A42.1 ISDN - Business Service (IBS) (Cont’d)

##### A42.1.4 Rates and Charges (Cont’d)

**A. Interface (Cont’d)**

2. Channels Activated (Cont’d)
   
   b. (DELETED)

**B. Interface Users**

1. Per User/Terminal Profile -
   
   a. Terminal Service Profile (EWSD®)
      
      (1) Per Terminal Service Profile
         
         (a) each
         
         b. Access to B Channel CSV/CSD
            
            (1) Flat Rate (5ESS/DMS)
            
            (a) each $10.00 - - - EWSTP
            
            (2) Flat Rate (EWSD)
            
            (a) Voice 10.00 - - - LTQVB
            (b) Data - - - - LTQDB
            
            (3) Measured Rate - Local Optional Service Option B (5ESS/DMS)
            
            (a) Access line with Option 1 -
            
            Economy 10.00 - - - LTQ8P
            
            (b) Access line with Option 2 - with discount
            
            10.00 $4.00 $4.00 $4.00 LTQ8Q
            
            (4) Measured Rate - Local Optional Service Option B (EWSD)
            
            (a) Access line with Option 1 -
            
            Economy 10.00 - - - LTQVP
            
            (b) Access line with Option 2 - with discount
            
            10.00 4.00 4.00 4.00 LTQVQ
            
            (5) Measured Rate - Local Option 1 Service Option B (EWSD) - Data
            
            (a) Access line with Option 2 -
            
            Economy - - - - LTQDP
            
            (b) Access line with Option 2 - with discount
            
            - - - - LTQDQ
            
            (6) Usage Option Plans - Outward Only (5ESS/DMS)
            
            (a) each 10.00 - - - LQWOE
            
            (7) Usage Option Plans - Outward Only (EWSD)
            
            (a) Voice 10.00 - - - LQWOV
            (b) Data - - - - LQWOD

**Note 1:** Both Voice and Data required per B channel access on EWSD.

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All BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariffs are owned by BellSouth Intellectual Property Corporation.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.4 Rates and Charges (Cont'd)

B. Interface Users (Cont'd)

1. Per User/Terminal Profile - (Cont'd)
   c. (DELETED)
   d. (DELETED)
   e. (DELETED)
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.4 Rates and Charges (Cont’d)

C. Usage

1. Circuit Switched Voice and Data (Measured Only)
   a. Per minute rates for usage on all circuit switched services (Voice and/or Data) and regulations for Local Optional Service Option B are defined in Section A3. of this Tariff.
   b. Originating usage in the Usage Option Plan will be billed at the per minute of use rate per channel in use.

   (1) Rate

   (a) Usage Option Plan

   Per Minute of Use $0.05
   USOC N/A

E. Packages

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.

   (DELETED)

2. Description of Packages -
   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.
   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.
   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.
   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.

3. Packages Rates and Charges
   a. Per DSL

   (1) Packages - Credit Per DSL

   Installation Monthly USOC
   Charge Credit
   (a) Package EZ1 Credit - $7.60 LPEO1
   (b) Package EZ1A Credit - 8.10 LPE1A
   (c) Package EZ2 Credit - 8.10 LPEO2
   (d) Package EZ2A Credit - 9.60 LPE2A

F. Termination Charges

IBS lines placed in service under Rate Stability Plans after September 1, 1998 will incur a Termination charge at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the Rate Stability Plan. Termination Charges will not apply for IBS lines upgrading to another service offered by the Company with a contract period equal to or longer than the existing ISDN contract.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

3. (DELETED)

4. Feature Function Buttons Programming - These allow the user to assign certain features to a particular button on their ISDN set. When depressed, the button will activate the assigned feature.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS)

A42.1.1 General

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 and data on the same exchange access line. Calling/Called Number Delivery, Calling Name Delivery, and Call Hold are included with this service where facilities permit.

B. A Usage Option Plan will be available only on National ISDN IBS lines. The Usage Option Plan will allow outward calling to all exchange access lines within the LATA at the usage rates specified in this section of the Tariff. (The LATA for each exchange and the exchanges in each LATA, are listed in Section A3.6 of this Tariff.) Usage under this plan will be recorded on originating calls terminating within the LATA. There is no usage allowance on this plan. Usage Caps do not apply to this plan. This plan is limited to outward only.

The following stipulations apply only when the IBS line from which the call originates subscribes to a Usage Option Plan.

1. Calls completed with automated calling cards or 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.

All IBS lines in an earning account must be in the same type Plan, i.e., all Flat Rate, Usage Option Plans, etc. Hunting between various types of plans will not be allowed.

C. A minimum service period of three months will be required on IBS lines established after September 1, 1998. Termination Charges as defined in this tariff will apply if the subscriber terminates or disconnects the service prior to fulfilling the three months period.

D. IBS provides a new method of access to the telephone 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.

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.

F. 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).

G. (DELETED)
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.5 Optional Features (Cont'd)

B. Rates and Charges (Cont'd)

1. Optional Features (Cont'd)

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

      (32) Make Set Busy - Intragroup

   ________________________________

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<thead>
<tr>
<th>Rate Stability</th>
<th>Month Installation Charge</th>
<th>Monthly Rate To 24-59</th>
<th>60-120</th>
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</tr>
<tr>
<td></td>
<td>M6MGD</td>
<td>LCJ</td>
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<tr>
<td></td>
<td></td>
<td>LCJ1X</td>
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</tr>
</tbody>
</table>

Note 1: This feature is available only on lines associated with MultiServ service or MultiServ PLUS service.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.1 General (Cont'd)

H. (DELETED) (D)
I. (DELETED) (D)
J. (DELETED) (D)

K. IRS will consist of the following components:
   - Basic Rate Digital Subscriber Line (DSL) Access
   - Two B channels CSV/CSD and one D channel Low Speed Packet Switched Data. Optional B channel packet services may be purchased in place of the B channel CSV/CSD. A maximum of two simultaneous B channels can be in use per Basic Rate Access.
   - Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement.

L. 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. of this Tariff.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.2 Regulations

A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

B. The Company will not be responsible for publishing and maintaining ISDN Interface Specifications.

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.

D. Suspension of service is not allowed.

E. Service Charges in Section A4. of this Tariff are applicable per Basic Rate DSL access in addition to rates and charges following.

F. Usage rates, as appropriate for Local Optional Service Option B are specified in Section A3. of this Tariff. Usage rates for all originating minutes of use under Usage Option Plans are specified in this section of the tariff.

G. IRS will be available where central office and outside plant facilities permit.

H. (DELETED)

I. IRS served 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 of this Tariff per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the rules and regulations in Section A9.

Existing customers may convert to the Interoffice Circuits in this Section of the Tariff or they may continue to pay rates for interoffice facilities from Section A9 of this tariff until they make changes or additions. Existing customers choosing to convert interoffice facilities will not be charged the installation charge for Interoffice Circuits. Appropriate charges from Section A4. of the Tariff are also not applicable for these conversions. Any changes or additions completed at the time of conversion will be charged the appropriate Installation charges. When the customer requests changes or additions to existing interoffice facilities, they must subscribe to the Interoffice Circuits from this Section of the Tariff.

At the Company's option, when the normal serving central office is not equipped for ISDN, a customer may be served with ISDN from another central office. When the Company elects this serving arrangement, the interoffice charges will not apply. IRS customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. Should the customer request to be served from an ISDN equipped central office other than the normal serving central office, the appropriate interoffice or interexchange charges will apply.

J. 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. of this Tariff and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc., FCC No. 1, Section 4.

A42.2.3 Definitions

B CHANNEL
A bidirectional 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.

(DELETED)

(DELETED)
### A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

#### A42.2 ISDN - Residence Service (IRS) (Cont'd)

**A42.2.4 Rates and Charges**

**A. Interoffice Circuit**

1. **Per DSL**

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<tr>
<td>(b) Each additional mile</td>
<td>$.45</td>
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**B. Interface**

1. **Basic Rate DSL Access Arrangement**

   a. **Residence Service**

   (1) **Per DSL**

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</tr>
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<td>(d) [DELETED]</td>
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   (2) **Per DSL - Usage Option Plans - With Usage Allowance**

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</tr>
<tr>
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<tr>
<td>(c) ISDN Access (EWSD)</td>
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<td></td>
</tr>
<tr>
<td>(d) [DELETED]</td>
<td></td>
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</tr>
</tbody>
</table>
### A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

#### A42.2 ISDN - Residence Service (IRS) (Cont'd)

#### A42.2.4 Rates and Charges (Cont'd)

**B. Interface (Cont'd)**

2. Channels Activated

   a. 2 B channels Circuit Switched Voice/Data

      (1) Per DSL

      | Installation Charge | Monthly Rate | USOC |
      |--------------------|-------------|------|
      | Flat Rate          | $80.40      | LPRFX|
      | Measured           | 69.00       | LPSMX|

   b. Usage Option Plans - Up to 2 B channels Circuit Switched Voice/Data Per DSL

      (a) Usage Option Plan - 60 hours allowance
      (b) Usage Option Plan - 240 hours allowance

   c. **(DELETED)**
   d. **(DELETED)**

**C. Interface Users**

1. Per User/Terminal Profile -

   a. Terminal Service Profile (EWSD)

      (a) Per Terminal Service Profile

      (1) Flat Rate (5ESS/DMS)

      (a) each
      (b) Measured

      (2) Flat Rate (EWSD)

      (a) Voice
      (b) Data

   b. Access to B Channel CSV/CSD

      (1) Measured Rate - Local Optional Service

      Option B - (5ESS/DMS)

      (a) Access line with Option 1 - Economy
      (b) Access line with Option 2 - with discount

      (4) Measured Rate - Local Optional Service

      Option B - EWSD - Voice

      (a) Access line with Option 1 - Economy
      (b) Access line with Option 2 - with discount

**Note 1:** Both Voice and Data are required per B channel access on EWSD.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.4 Rates and Charges (Cont'd)

C. Interface Users (Cont'd)

1. Per User/Terminal Profile - (Cont'd)
   b. Access to B Channel CSV/CSD (cont'd)

      (5) Measured Rate - Local Optional Service
          Option B - EWSD - Data

<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>Monthly Rate</th>
<th>USOC</th>
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<tbody>
<tr>
<td>(a) Access line with Option 1 - Economy</td>
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<td>-</td>
</tr>
<tr>
<td>(b) Access line with Option 2 - with discount</td>
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<td>-</td>
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(6) Usage Option Plans (5ESS/DMS)

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<tbody>
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<td>(a) each</td>
<td>$10.00</td>
<td>$-</td>
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(7) Usage Option Plans (EWSD)

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<th>Installation Charge</th>
<th>Monthly Rate</th>
<th>USOC</th>
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<tr>
<td>(a) Voice</td>
<td>10.00</td>
<td>$-</td>
<td>LQWAV</td>
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<tr>
<td>(b) Data</td>
<td>-</td>
<td>$-</td>
<td>LQWAD</td>
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</table>

c. (DELETED)
d. (DELETED)

Note 1: Both Voice and Data required per B channel access on EWSD.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.4 Rates and Charges (Cont'd)

C. Interface Users  (Cont'd)
   1. Per User/Terminal Profile - (Cont'd)
      e. (DELETED)

D. Usage
   1. Circuit Switched Voice and Data (Measured Only)
      a. Per minute rates for usage on all circuit switched services (Voice and/or Data) and regulations for Local Optional
         Service Option B are defined in A3. of this Tariff.
      b. Usage above the minutes of use per DSL allowed under selected Usage Option Plans will be billed at the per minute
         of use rate listed following per channel in use:
            (1) Per Minute of Use above Usage Plan Allowance

<table>
<thead>
<tr>
<th>Rate Per Minute of Use</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 60 Hour Allowance</td>
<td>0.03</td>
</tr>
<tr>
<td>(b) 240 Hour Allowance</td>
<td>0.01</td>
</tr>
</tbody>
</table>

E. Packages
   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. A credit will be applied to the monthly billing for customers purchasing IRS 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.
      (DELETED)
   2. Description of Packages -
      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.
      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.
      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.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

1. (Cont'd)
   h. EKTS Intercom Calling - Dial - This feature allows an EKTS user to call other terminals in the EKTS group with one or two-digit dialing.
   i. EKTS 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.
   j. EKTS Intercom Calling - Call Appearance - This feature allows EKTS Intercom Calling to be provisioned on a Call Appearance.
   k. Conference, Drop, Hold and Transfer - EKTS
      - Conference - This feature allows the user to add a third party to an existing conversation. This feature is for use with voice calls only.
      - Drop - This central office based feature allows the user to disconnect the last party added to a conference call.
      - Hold - Suspends an established call while another action is taking place.
      - 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. This feature is available for use only with EKTS sets with service provisioned in the EWSD® switch. EWSD® subscribers with non-EKTS sets and 5ESS/DMS subscribers should use the Conference, Drop, Hold and Transfer in the following section.

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.
   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.
   b. Call Forwarding Variable - Feature Button - This feature is the same as Call Forwarding Variable except that it is activated by a feature button.
   c. Call Forwarding - Busy Line - This feature automatically routes calls to a pre-selected 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.
   d. Call Forwarding - Don't Answer - This feature automatically routes calls to a pre-selected 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.
   e. Call Forwarding - Multiple Simultaneous - This feature allows a station line to forward more than one call at a time.
   f. Call Pickup - Allows a user to answer calls directed to another line in the same preset Call Pickup Group.
   g. Conference, Drop, Hold and Transfer
      - Conference - allows the user to add a third party to an existing conversation. This feature is for use with voice calls only.
      - Drop - This central office based feature allows the user to disconnect the last party added to a conference call.
      - 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.
      - Transfer - This feature allows the user to transfer a call to another DN. This feature is for use with voice calls only.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

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

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

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. 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.

p. Call Return - This feature enables a customer to place a call to the telephone 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.

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.

q. Selective Call Forwarding - Allows the customer to transfer selected calls to another telephone 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 telephone 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 telephone 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 telephone number in a Multi-Line Hunt Group unless the telephone number is the main number of the hunt group, or is Telephone Number identified.

r. Call Block - This feature provides the customer the ability to prevent incoming calls from up to six different telephone 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 telephone 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.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features  (Cont'd)

A. Optional Features  (Cont'd)

2. (Cont'd)

r. (Cont'd)

If the customer also subscribes to Selective Call Forwarding and/or Personalized Ring 6 and the same telephone numbers appear on those screening lists, Call Block will take precedence.

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

s. Personalized Ring 6 - This feature provides an alerting to the subscribing customer for up to six specific telephone numbers.

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

When a telephone 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 telephone number in a Hunt Group unless the telephone number is the main number of the hunt group, or is Telephone Number identified.

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.

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.

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

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

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

- 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.

x. 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.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.1 General (Cont’d)

H. (DELETED)

I. (DELETED)

J. IBS will consist of the following components:
   - Basic Rate Digital Subscriber Line (DSL) Access
   - 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.
   - Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement.

K. Grouping Service (Hunting) is available for ISDN Individual Service.

L. 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. of this Tariff.

A42.1.2 Regulations

A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.

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.

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 fifty percent of the rate regularly charged. Optional features outlined in Section A12. and this section of the Tariff will be suspended at no recurring charge during the period of suspension unless otherwise noted. Other rules and restrictions as outlined in Section A2. of this Tariff apply.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.2 Regulations (Cont'd)

E. Service Charges in Section A4. of this Tariff are applicable per Basic Rate DSL access in addition to rates and charges following.

F. Usage rates as appropriate for Local Optional Service Option B (LOS-B) are specified in Section A3. of this Tariff. Usage rates for all originating minutes of use under the Usage Option Plan are specified in this section of the Tariff.

G. IBS will be available where central office and outside plant facilities permit.

H. (DELETED)

I. IBS served 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 of this Tariff per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the rules and regulations in Section A9.

Existing customers may convert to the Interoffice Circuits in this Section of the Tariff or they may continue to pay rates for interoffice facilities from Section A9 of this tariff until they make changes or additions. Existing customers choosing to convert interoffice facilities will not be charged the installation charge for Interoffice Circuits. Appropriate charges from Section A4. of the Tariff are also not applicable for these conversions. Any changes or additions completed at the time of conversion will be charged the appropriate Installation charges. When the customer requests changes or additions to existing interoffice facilities, they must subscribe to the Interoffice Circuits from this Section of the Tariff.

At the Company's option, when the normal serving central office is not equipped for ISDN, a customer may be served with ISDN from another central office. When the Company elects this serving arrangement, the interoffice charges will not apply. IBS customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. Should the customer request to be served from an ISDN equipped central office other than the normal serving central office, the appropriate interoffice or interexchange charges will apply.

Charges for interoffice facilities will apply for any IBS line associated with a MultiServ service or MultiServ PLUS service that is served from a central office other than the normal service central office.

J. 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. of this Tariff and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc., FCC No. 1. Section 4.

K. IBS lines may be purchased out of this Tariff to be associated with MultiServ service or MultiServ PLUS service, located in A12.20 and A12.21 of this Tariff. Terms and conditions for MultiServ service and MultiServ PLUS service will apply to these IBS lines except as otherwise stated in this section of the Tariff.

Each ISDN Basic DSL Access Arrangement will be counted as a MultiServ service or MultiServ PLUS service line in determining the total system size.

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 Tariff as well as features unique to ISDN lines from the Optional Features in this section of the Tariff. When a feature is listed in the Optional Feature Sections of both the MultiServ service and IBS tariffs, the IBS version of the feature should be ordered. MultiServ Service Feature Groups are not available for use with these IBS lines.

IBS lines not associated with a MultiServ service or MultiServ PLUS service may not purchase features from the MultiServ service section of the Tariff.

Only 36-120 months contract periods are available under the Rate Stability Plan in this section of the tariff for IBS lines associated with a MultiServ service or MultiServ PLUS service as those lines must be coterminal with the MultiServ service or MultiServ PLUS service main station lines.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.3 Definitions

**B CHANNEL**
A B channel is a bidirectional synchronous channel capable of supporting 64 Kbps of digital transmission.

**BASIC RATE DSL ACCESS ARRANGEMENT**
The Basic Rate DSL Arrangement is the tariff element that represents the ISDN central office equipment and the loop to the customer's premises. This element alone does not provide ISDN service, but requires activation of at least one B or D channel.

**CONFIGURATION GROUPS**
Configuration Groups use a similar software assignment concept to associate physical buttons of ISDN terminals to features and actions. Since Configuration Groups use a group assignment process, it is necessary to group ISDN terminals together by type and common button action, so that terminals assigned to the same Configuration Group will operate in the same button numbers on any other terminals in the same Configuration Group, as long as the same features/call appearances are used on each terminal. If not, the buttons cannot be used for a different feature or function. Variations in terminal types, features, call appearances, and feature button location will necessitate multiple Configuration Groups.

**D CHANNEL**
A D channel is a 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface (BRI).

**DIRECTORY NUMBERS (DN)**
The telephone numbers associated with B or D channel access.
- Primary Directory Number (PDN) is a directory number included with each access to a B or D channel.
- Secondary Number is a directory number that is not the Primary DN on any terminal. Secondary Directory Numbers may be purchased separately.
- Shared Directory Number, either Primary or Secondary, is a directory number that appears on more than one terminal. Shared Directory Numbers may be purchased separately.
- Unique Directory Number is Primary Directory Number that is not shared with any other B or D channel service on the same User Profile.

**FEATURE KEY MAP**
In order to provide "key type" activation and status indication of specified features, each TSP may be associated with a set of Feature Activators (FAs) and a set of Feature Indicators (FIs). A Feature Key Management Profile (MAP) is a set of FAs and FIs associated with a TSP.

**LOGICAL CHANNEL**
A communications channel through the network that allows simultaneous transmission of sequenced data packets through the network. No circuit capacity is preassigned to a logical channel; capacity is made available as data is transmitted.

**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.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.3 Definitions (Cont’d)

TERMINAL SERVICE PROFILE

The Terminal Service Profile (TSP) represents a logical ISDN terminal. The TSP contains a unique set of feature parameters, and the parameters assigned to the TSP are common to the physical terminals and DN/CTs assigned to that TSP.

USER PROFILE

Elements in the User Profile section of the ISDN Individual Services Tariff are used to define the identity and capabilities of each user.

VIRTUAL CIRCUIT

A logical connection across a packet switch network that emulates a point-to-point circuit by insuring data integrity, transparency and data sequence.

A42.1.4 Rates and Charges

A. Interoffice circuit

1. Per DSL

   (a) Each, including first mile
   (b) Each additional mile

   Charge
   Installation          To        24-59        60-120
   $240.00
   Month  Mos. Plan  Mos. Plan USOC
   $115.00  55.00  55.00 55.00 LTBLB (D)
   $105.00  55.00  55.00 55.00 LTBEB (T)
   $95.00  55.00  55.00 55.00 LQ1AA (D)

B. Interface

1. Basic Rate DSL Access Arrangement

   a. Business Service

      (1) Per DSL

         (a) ISDN Access (5ESS/DMS)
         (b) (DELETED)
         (c) ISDN Access (EWSD)
         (d) (DELETED)

         (2) Per DSL Usage Option Plan

         (a) ISDN Access (5ESS/DMS)
         (b) (DELETED)
         (c) ISDN Access (EWSD)
         (d) (DELETED)

2. Channels Activated

   a. B Channel (Maximum of 2)

      (1) Circuit Switched Voice/Data, Each

         (a) Flat Rate
         (b) Measured
         (c) Usage Option Plan

All BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariffs are owned by BellSouth Intellectual Property Corporation.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.4 Rates and Charges (Cont’d)

B. Interface (Cont’d)

2. Channels Activated (Cont’d)

   (2) Circuit Switched Voice/Data for use with MultiServ PLUS service, each

<table>
<thead>
<tr>
<th>Rate Stability</th>
<th>Month Installation Charge</th>
<th>Monthly Rate</th>
<th>24-59 Mos. Plan</th>
<th>60-120 Mos. Plan</th>
<th>USOC</th>
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<td>12.25</td>
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</tr>
<tr>
<td>(a) Flat Rate</td>
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<td>1.30</td>
<td>.10</td>
<td>MNCCR</td>
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<td>(b) Measured</td>
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<td></td>
</tr>
<tr>
<td>(3) (DELETED)</td>
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<td></td>
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<td></td>
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<td>(4) (DELETED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

b. (DELETED)

Note: These rate elements may be used only with IBS lines associated with MultiServ PLUS service and require Network Access Registers.
### A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

#### A42.1 ISDN - Business Service (IBS) (Cont’d)

##### A42.1.4 Rates and Charges (Cont’d)

<table>
<thead>
<tr>
<th>B. Interface Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Per User/Terminal Profile -</td>
</tr>
<tr>
<td>a. Terminal Service Profile (EWSD(^\text{®}))</td>
</tr>
<tr>
<td>(1) Per Terminal Service Profile</td>
</tr>
<tr>
<td>(a) each</td>
</tr>
<tr>
<td>b. Access to B Channel CSV/CSD</td>
</tr>
<tr>
<td>(1) Flat Rate (5ESS/DMS)</td>
</tr>
<tr>
<td>(a) each $10.00 - - - EWSTP</td>
</tr>
<tr>
<td>(2) Flat Rate (EWSD)(^1)</td>
</tr>
<tr>
<td>(a) Voice 10.00 - - - LTQ8Y</td>
</tr>
<tr>
<td>(b) Data - - - LTQ8P</td>
</tr>
<tr>
<td>(3) Measured Rate - Local Optional Service Option B (5ESS/DMS)</td>
</tr>
<tr>
<td>(a) Access line with Option 1 - Economy</td>
</tr>
<tr>
<td>(b) Access line with Option 2 - with discount</td>
</tr>
<tr>
<td>(4) Measured Rate-Local Optional Service Option B (EWSD)(^1) Voice</td>
</tr>
<tr>
<td>(a) Access line with Option 1 - Economy</td>
</tr>
<tr>
<td>(b) Access line with Option 2 - with discount</td>
</tr>
<tr>
<td>(5) Measured Rate - Local Option 1 Service Option B (EWSD) - Data(^1)</td>
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<tr>
<td>(a) Access line with Option 2 - Economy</td>
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<tr>
<td>(b) Access line with Option 2 - with discount</td>
</tr>
<tr>
<td>(6) Usage Option Plans Outward Only (5ESS/DMS)</td>
</tr>
<tr>
<td>(a) each 10.00 - - - LQWOE</td>
</tr>
<tr>
<td>(7) Usage Option Plans - Outward Only (EWSD)(^1)</td>
</tr>
<tr>
<td>(a) Voice 10.00 - - - LQWOV</td>
</tr>
<tr>
<td>(b) Data - - - LQWOD</td>
</tr>
</tbody>
</table>

**Note 1:** Both Voice and Data required per B channel access on EWSD.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.4 Rates and Charges (Cont’d)

B. Interface Users (Cont’d)

1. Per User/Terminal Profile - (Cont’d)
   
   c. (DELETED)
   d. (DELETED)
   e. (DELETED)
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.4 Rates and Charges (Cont’d)

C. Usage

1. Circuit Switched Voice and Data (Measured Only)
   a. Per minute rates for usage on all circuit switched services (Voice and/or Data) and regulations for Local Optional Service Option B are defined in Section A3. of this Tariff.
   b. Originating usage in the Usage Option Plan will be billed at the per minute of use rate per channel in use.
      (1) Rate

         C. Usage Option Plan

         Per Minute of Use  USOC
         $0.05             N/A

E. Packages

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.

   (DELETED)

2. Description of Packages -
   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.
   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.
   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.
   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.

3. Packages Rates and Charges
   a. Per DSL
      (1) Packages - Credit Per DSL

         Installation  Monthly  USOC
         Charge     Credit     
         (a) Package EZ1 Credit - $7.60  LPE01
         (b) Package EZ1A Credit - 8.10  LPE1A
         (c) Package EZ2 Credit - 8.10  LPE02
         (d) Package EZ2A Credit - 9.60  LPE2A

F. Termination Charges

IBS lines placed in service under Rate Stability Plans after September 1, 1998 will incur a Termination charge at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the Rate Stability Plan. Termination Charges will not apply for IBS lines upgrading to another service offered by the Company with a contract period equal to or longer than the existing ISDN contract.

All BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariffs are owned by BellSouth Intellectual Property Corporation.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont’d)

A42.1.5 Optional Features (Cont’d)

A. Optional Features (Cont’d)

3. (DELETED)

4. Feature Function Buttons Programming - These allow the user to assign certain features to a particular button on their ISDN set. When depressed, the button will activate the assigned feature.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.5 Optional Features (Cont'd)

B. Rates and Charges (Cont'd)
   1. Optional Features (Cont'd)
      b. Optional Circuit Switched Features for use with non-EKTS or EKTS CPE (Cont'd)
         (32) Make Set Busy - Intragroup

<table>
<thead>
<tr>
<th>Rate Stability</th>
<th>Installation</th>
<th>Month</th>
<th>To 24-59</th>
<th>60-120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per PDN (DMS)</td>
<td>$1.00</td>
<td>$1.00</td>
<td>$.75</td>
<td>$.50</td>
</tr>
<tr>
<td>M6MGD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note 1: This feature is available only on lines associated with MultiServ service or MultiServ PLUS service.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.1 General (Cont'd)

H.  (DELETED)  (D)
I.  (DELETED)  (D)
J.  (DELETED)  (D)

K. IRS will consist of the following components:
   - Basic Rate Digital Subscriber Line (DSL) Access
   - Two B channels CSV/CSD and one D channel Low Speed Packet Switched Data. Optional B channel packet services may be purchased in place of the B channel CSV/CSD. A maximum of two simultaneous B channels can be in use per Basic Rate Access.
   - Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement.

L. 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. of this Tariff.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.2 Regulations

A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.

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.

D. Suspension of service is not allowed.

E. Service Charges in Section A4. of this Tariff are applicable per Basic Rate DSL access in addition to rates and charges following.

F. Usage rates, as appropriate for Local Optional Service Option B are specified in Section A3. of this Tariff. Usage rates for all originating minutes of use under Usage Option Plans are specified in this section of the tariff.

G. IRS will be available where central office and outside plant facilities permit.

H. (DELETED)

I. IRS served 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 of this Tariff per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the rules and regulations in Section A9.

Existing customers may convert to the Interoffice Circuits in this Section of the Tariff or they may continue to pay rates for interoffice facilities from Section A9 of this tariff until they make changes or additions. Existing customers choosing to convert interoffice facilities will not be charged the installation charge for Interoffice Circuits. Appropriate charges from Section A4. of the Tariff are also not applicable for these conversions. Any changes or additions completed at the time of conversion will be charged the appropriate Installation charges. When the customer requests changes or additions to existing interoffice facilities, they must subscribe to the Interoffice Circuits from this Section of the Tariff.

At the Company's option, when the normal serving central office is not equipped for ISDN, a customer may be served with ISDN from another central office. When the Company elects this serving arrangement, the interoffice charges will not apply. IRS customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. Should the customer request to be served from an ISDN equipped central office other than the normal serving central office, the appropriate interoffice or interexchange charges will apply.

J. 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. of this Tariff and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc., FCC No. 1, Section 4.

A42.2.3 Definitions

B CHANNEL
A bidirectional 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.

(DELETED)

(DELETED)
## A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

### A42.2 ISDN - Residence Service (IRS) (Cont'd)

#### A42.2.4 Rates and Charges

**A. Interoffice Circuit**

1. **Per DSL**
   
<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>Monthly Rate</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>$240.00</td>
<td>$115.00</td>
<td>M1GNC</td>
</tr>
</tbody>
</table>

   - **Each, including first mile**
   - **Each additional mile**

**B. Interface**

1. **Basic Rate DSL Access Arrangement**
   
   a. **Residence Service**
      
      (1) **Per DSL**
         
         | ISDN Access (5ESS/DMS) | (a) 130.00 | - | LTBLR |
         | (b) (DELETED)         |            |   |      |
         | ISDN Access (EWSD)    | (c) 130.00 | LTBER | (T) |
         | (d) (DELETED)         |            |     | (D) |

      (2) **Per DSL - Usage Option Plans - With Usage Allowance**
         
         | ISDN Access (5ESS/DMS) | (a) 130.00 | - | LQUMA |
         | (b) (DELETED)         |            |   |      |
         | ISDN Access (EWSD)    | (c) 130.00 | LQUMC | (T) |
         | (d) (DELETED)         |            |     | (D) |
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont’d)

A42.2.4 Rates and Charges (Cont’d)

B. Interface (Cont’d)

2. Channels Activated
   a. 2 B channels Circuit Switched Voice/Data
      1. Per DSL
         a. Flat Rate
         b. Measured

b. Usage Option Plans - Up to 2 B channels Circuit Switched Voice/Data Per DSL
   a. Usage Option Plan - 60 hours allowance
   b. Usage Option Plan - 240 hours allowance
   c. (DELETED)
   d. (DELETED)

C. Interface Users

1. Per User/Terminal Profile -
   a. Terminal Service Profile (EWSD)
      (a) Per Terminal Service Profile
      (b) Access to B Channel CSV/CSD
         1. Flat Rate (5ESS/DMS)
            (a) each
            (b) Measured
         2. Flat Rate (EWSD)
            (a) Voice
            (b) Data
         3. Measured Rate - Local Optional Service
            Option B - (5ESS/DMS)
            (a) Access line with Option 1 - Economy
            (b) Access line with Option 2 - with discount
         4. Measured Rate - Local Optional Service
            Option B - EWSD - Voice

Note 1: Both Voice and Data are required per B channel access on EWSD.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont’d)

A42.2.4 Rates and Charges (Cont’d)

C. Interface Users (Cont’d)

1. Per User/Terminal Profile - (Cont’d)

   b. Access to B Channel CSV/CSD (cont’d)

      (5) Measured Rate - Local Optional Service
       Option B - EWSD - Data

<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>Monthly Rate</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Access line with Option 1 - Economy</td>
<td>-</td>
<td>LTQDU</td>
</tr>
<tr>
<td>(b) Access line with Option 2 - with discount</td>
<td>-</td>
<td>LTQDV</td>
</tr>
</tbody>
</table>

(6) Usage Option Plans (5ESS/DMS)

| (a) each | $10.00 | $- | LQWAE |

(7) Usage Option Plans (EWSD)

| (a) Voice | 10.00 | $- | LQWAV |
| (b) Data | - | $- | LQWAD |

c. (DELETED)

d. (DELETED)

Note 1: Both Voice and Data required per B channel access on EWSD.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.4 Rates and Charges (Cont'd)

C. Interface Users (Cont'd)
   1. Per User/Terminal Profile - (Cont'd)
      e. (DELETED)

D. Usage
   1. Circuit Switched Voice and Data (Measured Only)
      a. Per minute rates for usage on all circuit switched services (Voice and/or Data) and regulations for Local Optional
         Service Option B are defined in A3. of this Tariff.
      b. Usage above the minutes of use per DSL allowed under selected Usage Option Plans will be billed at the per minute
         of use rate listed following per channel in use:
            (1) Per Minute of Use above Usage Plan Allowance

<table>
<thead>
<tr>
<th>Rate Per Minute of Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 60 Hour Allowance</td>
</tr>
<tr>
<td>(b) 240 Hour Allowance</td>
</tr>
</tbody>
</table>

E. Packages
   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. A credit will be applied to the monthly billing for customers purchasing IRS 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.

      (DELETED)
   2. Description of Packages -
      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.
      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.
      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.
A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

r. (Cont'd)

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

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

s. Call Selector - This feature provides an alerting to the subscribing customer for up to six specific telephone numbers. The customer creates a screening list of up to six telephone numbers through an interactive dialing sequence. When a call is received from one of the predetermined telephone numbers, the customer is alerted. Calls from the telephone numbers not included on the screening list will produce a normal ring.

When a telephone 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.

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

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.

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.

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

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

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

- 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.

x. 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.

3. (DELETED)
### A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

#### A42.2 ISDN - Residence Service (IRS) (Cont'd)

**A42.2.5 Optional Features (Cont'd)**

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

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

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

   (16) **Call Return (5ESS/EWSD)**

<table>
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<th>Installation Charge</th>
<th>Monthly Rate</th>
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</thead>
<tbody>
<tr>
<td>$1.00</td>
<td>$3.50</td>
<td>NSS</td>
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</table>

   (a) per user profile

   (17) **Preferred Call Forwarding**

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</thead>
<tbody>
<tr>
<td>1.00</td>
<td>2.50</td>
<td>NCE</td>
</tr>
</tbody>
</table>

   (a) per user profile

   (18) **Call Block**

<table>
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<tbody>
<tr>
<td>1.00</td>
<td>3.50</td>
<td>NSY</td>
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   (a) per user profile

   (19) **Call Selector**

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<tbody>
<tr>
<td>1.00</td>
<td>2.50</td>
<td>NSK</td>
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</tbody>
</table>

   (a) per user profile

   (20) **Repeat Dialing (5ESS/EWSD)**

<table>
<thead>
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<th>Installation Charge</th>
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</thead>
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<tr>
<td>1.00</td>
<td>3.50</td>
<td>NSQ</td>
</tr>
</tbody>
</table>

   (a) per user profile

   (21) **Automatic Line/Direct Connect**

<table>
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<th>Installation Charge</th>
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<td>1.00</td>
<td>.75</td>
<td>M6GN9</td>
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</table>

   (a) per DN per Terminal (DMS/5ESS)

   (22) **Selective Call Acceptance**

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<th>Monthly Rate</th>
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<td>1.00</td>
<td>2.00</td>
<td>M6K16</td>
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   (a) per user profile (DMS/5ESS)

   (23) **Station Restriction - Denied Origination**

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<td>1.00</td>
<td>M6LOA</td>
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</table>

   (a) per user profile

   (24) **Station Restriction - Denied Termination**

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<td>1.00</td>
<td>1.00</td>
<td>M6LTA</td>
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</table>

   (a) per user profile

c. **(DELETED)**

**Note 1:** Feature to be applied per DN or EWSID.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.29 ESSX Multi-Account Service (Cont'd)

A112.29.5 ESSX Service (Cont'd)
A. Common Equipment (Cont'd)
1. (Cont'd)
a. Rates and Charges
   (1) ESSX service - VS, 200, 600 and XL

   (a) Per Secondary Account

<table>
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<tr>
<th>Term Payment Plan</th>
<th>Monthly Rate</th>
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</thead>
<tbody>
<tr>
<td>Installation</td>
<td>1 Month</td>
</tr>
</tbody>
</table>
   | USOC  | $875.00 | $.78 | $.68 | SSMAX

A112.29.6 Digital ESSX Service
A. Common Equipment
1. The following rates and charges are for the ESSX Multi-Account service feature only and are in addition to the appropriate and applicable service charges, monthly rates and nonrecurring charges for Digital ESSX service. Network Access Registers, and other services to which ESSX Multi-Account service subscribers may subscribe. Rates and charges for ESSX Multi-Account service apply only to each Secondary Account.
a. Rates and Charges
   (1) Digital ESSX service - VS, 200, 600 and XL

   (a) Per Secondary Account $500.00 - - SSMAX

A112.30 Reserved For Future Use

A112.31 ESSX ISDN Service
(Obsoleted 09-26-95, Type D) Service rates and charges in this Section are available for inward activity of existing subscribers only as specified in the obsolescence rules stated in A112.28. Not available for new service or entire moves of existing service to new locations. Moves of existing service will be allowed when a subscriber remains within the same serving central office switch.

A112.31.1 General
A. ESSX ISDN service is an intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. ESSX ISDN service supports simultaneous transmission of voice and data on the same exchange access line. ESSX ISDN Service is available only to Digital ESSX service customers. The ESSX ISDN service lines in this offering can be added to Digital ESSX service -VS, -200, -600, -XL Systems under the same terms and conditions specified in A112.28 of this Tariff.
B. ESSX ISDN service provides a method of access to the subscriber's Digital ESSX service system called Basic Rate Access. Basic Rate Access will consist of up to two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point.
C. ESSX ISDN service will consist of the following components:
   1. Digital ESSX service Common Equipment
   2. Basic Rate Digital Subscriber Line (DSL) Access Arrangement
   3. ISDN Loop Access Mileage
   4. ISDN Bearer Alternative Services
      - Minimum of one and maximum of eight Bearer Services per Basic Rate DSL Access Arrangement
      - Maximum of eight identifiable users with a maximum of two simultaneous channels in use per Basic Rate DSL Access Arrangement

   Note 1: Due to contract expirations, customers previously under 36 Months and 60 Months Term Payment Plan contracts have been converted to 1 Month rates and Term Payment Plan rates for 36 Months and 60 Months have been removed.

   Note 2: Every system will include these components.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont’d)

A112.31.1 General (Cont’d)

C. ESSX ISDN service will consist of the following components: (Cont’d)
   5. Usage Charges
   6. Features
   7. Network Access

A112.31.2 Regulations

A. Customer Premises Equipment (CPE) for use with ESSX ISDN service Interface is the responsibility of the user for provisioning.

B. 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 ESSX ISDN service 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.

C. Terms and conditions for ESSX ISDN service are applied based on the system size (-200, -600, -XL) as defined in Digital ESSX service in this Section of this Tariff.

D. Suspension of service is not allowed.

E. Service Order Charges and Central Office Line Charges in Section A4. of this Tariff are applicable in addition to rates and charges in A112.31.5 following.

F. ESSX service Flat Rate Network Access Registers (NAR) as provided in Section A3. of this Tariff should be used with ESSX ISDN service associated with a mixed or flat rate Digital ESSX service system.

ESSX service Measured Network Access Registers (NAR) as provided in Section A3. of this Tariff or ESSX service Volume Usage Network Access Registers (NAR) as provided in A3.26 of this Tariff may be used with ESSX ISDN service associated with a measured Digital ESSX service system.

G. ESSX ISDN service subscribers with mixed or flat rate Digital ESSX service must choose circuit switched B channels designated for use with Mixed or Flat Rate systems in this section of the Tariff. These B channel rates include a usage surcharge in lieu of the usage charges in Section A3. of this Tariff.

ESSX ISDN service subscribers with measured rate Digital ESSX service must choose circuit switched B channels designated for use with all measured systems in this section of the Tariff. Usage charges defined in Section A3. of this Tariff are applicable for transmission outside of the subscriber's system or the subscriber's serving central office.

H. Each ESSX ISDN service Basic Rate Access Arrangement line will be counted as a Digital ESSX service line in determining the total system size.

I. Telephone numbers transmitted via the Calling/Called Number Display feature are intended solely for the use of ESSX ISDN service subscribers. Resale of this information is prohibited by this Tariff.

J. (DELETED)

A112.31.3 Definitions

B Channel
A bidirectional 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 (BRI).

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.

(DELETED)

Note 1: Every system will include these components.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.3 Definitions (Cont'd)

Configuration Groups (5ESS only)

Configuration Groups use a similar software assignment concept to associate physical buttons of ISDN terminals to feature and actions. Since Configuration Groups use a group assignment process, it is necessary to group ISDN terminals together by type and common button action, so that terminals assigned to the same Configuration Group will operate in the same manner. Call appearances and features on one terminal's buttons will then appear on the same button numbers on any other terminal in the same Configuration Group, as long as the same features/call appearances are used on each terminal. If not, the buttons cannot be used for a different feature or function. Variations in terminal types, features, call appearances, and feature button location will necessitate multiple Configuration Groups.

A112.31.4 Service Bearer Alternatives and Features

A. ESSX ISDN service Capability is provided through Bearer Alternatives and Features. Customers are required to subscribe to at least one Bearer Alternative Service. Features are available to increase the capability of the Bearer Alternative Service and may be subscribed to on an as needed basis.

B. B Channel Bearer Alternatives

1. Circuit Switched (B channel) Bearer Alternatives are usage sensitive switched services that offer up to 64 Kbps intra-office transmission for voice, data, or alternate voice and data transmission.
   a. Alternate Voice/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).
   b. (DELETED)
   c. (DELETED)

C. (DELETED)

D. Features - Circuit Switched Voice

1. Inspect is used to retrieve and display call-related information about any call appearance that has a call associated with it. This could be the active call, a call on hold, or an alerting call. It includes time of day and date (5ESS only).
2. Calling/Called Number Delivery, All - provides a user who is receiving/originating a call with information about the calling/called party and the facility or destination. It allows the calling/called DN to display for all terminals that share the same DN.
3. ISDN Intercom (ICOM)
   a. Automatic - allows the ISDN telephone to originate calls to a DN by using only the ICOM feature button.

Note 1: This is a mandatory feature in the DMS 100 if any line in the system is equipped for this feature.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.4 Service Bearer Alternatives and Features (Cont'd)

D. Features - Circuit Switched Voice (Cont'd)

3. ISDN Intercom (ICOM) (Cont'd)
   b. Group (Dial) - allows the ISDN telephone to originate a call to a DN by pressing the ICOM feature button and dialing one or two digits.

4. Additional Call Appearance - allows the set to have more than one DN button assigned to the same PDN.

5. Non-Shared Secondary-Only DN - a secondary DN that appears on only one terminal.


7. Shared Primary DN - a primary DN that appears on more than one terminal.

8. 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.

9. Shared Secondary-Only DN - Additional Device allows the first appearance of the Shared Secondary Only - DN on an additional device.

10. Manual Exclusion (Privacy) - allows a user to inhibit other stations in the same group from picking up a call on hold or bridging to a call that is active at that station.

11. Privacy Release (DMS only) - allows other stations to bridge into an existing call.

12. Conference, Drop, Hold, Transfer
   a. Conference - allows the set user to select an idle call appearance for the second leg of a three-way conference.
   b. Drop - allows the set user to drop the last party added to a conference call. For a two-party call, pressing this button disconnects the set from the call.

   c. Hold - allows the set 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.

   d. Transfer - allows the user to transfer a call to another DN in the customer group by pressing the transfer button, dialing the DN, and pressing the button again.

13. Additional Call Appearance of a Shared DN - allows the set to have more than one DN button assigned to the same DN.

14. Call Forwarding Variable - Feature Button (5ESS), when activated by a main station line user, automatically routes calls intended for the user's main station line to any other main station line selected inside or outside the subscriber's Digital system. This feature is used only when the subscriber requires Call Forwarding - Variable on a feature button.

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

16. Audible Message Waiting Indicator (5ESS) - Provides the user of a message service with an indication that a message is waiting.

17. Voice features compatible with ISDN lines not defined in this document will be available and as indicated in A112.28 (Digital ESSX service) of this Tariff.

E. Features - Circuit Switched Data

1. Circuit Switched Data Call Hunting (5ESS) - allows multiline hunting with Circuit Switched Data Service Capability

F. (DELETED)
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont’d)

A112.31.4 Service Bearer Alternatives and Features (Cont’d)

F. (DELETED)

A112.31.5 Rates and Charges

A. The ESSX ISDN service is associated with existing forms of exchange access which are Digital ESSX service. These rates and charges are applicable in addition to the rates and charges for associated services and features.

B. ESSX ISDN service Bearer Alternative Services will be available in combinations restricted by the limits of the Company central office type. The subscriber will choose the most appropriate combination(s) and will be billed the Required Bearer Alternative and Additional Options as needed.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont’d)

A112.31.5 Rates and Charges (Cont’d)

C. Digital ESSX service Common Equipment is required for all ESSX ISDN service lines. Rates and charges for Digital ESSX service Common Equipment are in addition to the charges in D. following.

1. Rates, charges, liabilities and additional regulations if applicable may be developed on an individual basis for Basic Rate DSL Access Arrangements exceeding the qualified loop area requirements.

D. ISDN Basic Rate Access Capability Charges - Rates and Charges

1. Basic Rate DSL Access Arrangement

<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>1 Month</th>
<th>8 Months</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$36.70</td>
<td>$24.50</td>
</tr>
<tr>
<td>LTU1X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(a) Two-wire interface, low volume
(b) (DELETED)

2. ISDN Loop Access Mileage

<table>
<thead>
<tr>
<th>Mileage</th>
<th>Installation Charge</th>
<th>1 Month</th>
<th>8 Months</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 1/4 mile</td>
<td>-</td>
<td>4.85</td>
<td>3.25</td>
<td>1LDLA</td>
</tr>
<tr>
<td>(b) 1/2 mile</td>
<td>-</td>
<td>7.55</td>
<td>5.00</td>
<td>1LDLB</td>
</tr>
<tr>
<td>(c) 3/4 mile</td>
<td>-</td>
<td>10.40</td>
<td>6.95</td>
<td>1LDLC</td>
</tr>
<tr>
<td>(d) 1 mile</td>
<td>-</td>
<td>13.35</td>
<td>8.90</td>
<td>1LDLD</td>
</tr>
<tr>
<td>(e) 1 1/2 miles</td>
<td>-</td>
<td>19.30</td>
<td>12.85</td>
<td>1LDLE</td>
</tr>
<tr>
<td>(f) 2 miles</td>
<td>-</td>
<td>25.35</td>
<td>16.80</td>
<td>1LDLF</td>
</tr>
<tr>
<td>(g) 2 1/2 miles</td>
<td>-</td>
<td>25.95</td>
<td>17.20</td>
<td>1LDLG</td>
</tr>
<tr>
<td>(h) Greater than 2 1/2 miles Up to 5 miles</td>
<td>-</td>
<td>79.20</td>
<td>53.00</td>
<td>1LDLO</td>
</tr>
</tbody>
</table>

3. Bearer Alternative Services

a. B Channels

(1) Alternative Voice and Data - For use with Mixed or Flat Rate Digital ESSX service

<table>
<thead>
<tr>
<th>Service</th>
<th>Installation Charge</th>
<th>1 Month</th>
<th>8 Months</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuit Switched Voice/Data</td>
<td>8.00</td>
<td>6.50</td>
<td>4.45</td>
<td>LTQ8X</td>
</tr>
<tr>
<td>Circuit Switched Voice/Data (shared DN)</td>
<td>8.00</td>
<td>6.50</td>
<td>4.45</td>
<td>AAQ8X</td>
</tr>
</tbody>
</table>

(2) Alternative Voice and Data - For use with all Measured Digital ESSX service

<table>
<thead>
<tr>
<th>Service</th>
<th>Installation Charge</th>
<th>1 Month</th>
<th>8 Months</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuit Switched Voice/Data</td>
<td>8.00</td>
<td>4.40</td>
<td>3.00</td>
<td>LTQ8M</td>
</tr>
<tr>
<td>Circuit Switched Voice/ Data (Shared DN)</td>
<td>8.00</td>
<td>4.40</td>
<td>3.00</td>
<td>AAQ8M</td>
</tr>
</tbody>
</table>

(3) (DELETED)

Note 1: New rates become effective with normal billing cycles beginning on or after June 8, 2002.

Note 2: This element should also be used for subscribers served through Subscriber Line Carrier at distances above 1 3/4 miles.

Note 3: Mixed systems include hotel/motel or hospitals where a mix of flat and measured/message service is allowed.

Note 4: Shares DN with another bearer service on the same DSL.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.5 Rates and Charges (Cont'd)

D. ISDN Basic Rate Access Capability Charges - Rates and Charges (Cont'd)

3. Bearer Alternative Services¹ (Cont'd)
   a. B Channels (Cont'd)
      (3) (DELETED) (D)
      (4) (DELETED) (D)
   b. (DELETED) (D)

4. Usage
   a. Circuit Switching - Outside the Business Group
      (1) For fully Measured systems per minute usage rates, for all circuit switched services (voice and/or data) apply to the average local exchange use (rounded to the nearest second) and are defined in Section A3. of this Tariff. Usage rates are applicable for transmission outside of the subscriber's system or the subscriber's serving central office.

      ESSX ISDN service subscribers associated with Mixed or Flat Rate Digital ESSX service will have a surcharge built into the rate for B-channel Circuit Switched Voice/Data in lieu of usage rates in Section A3. of this Tariff. (T)

      (2) Charges for the inward delivery of calling number information (CNI) will be as indicated in 6. following.
         (a) (Obsoleted, See Section A112.)
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.5 Rates and Charges (Cont'd)

D. ISDN Basic Rate Access Capability Charges - Rates and Charges¹ (Cont'd)

5. ESSX ISDN Service Features are available on a per Alternative Bearer Service basis. Features associated with Digital ESSX service are under the terms and conditions in A112.28 of this Tariff.

VOICE
Inspect
Calling/Called Number Delivery

ISDN Intercom
- Automatic
- Group Dial

Additional Call Appearance
Non-Shared Secondary Only Directory Number
Shared Non-ISDN Directory Number
Shared Primary Directory Number
Shared Secondary Only Directory Number - First Appearance
Shared Secondary Only Directory Number - Additional Device
Privacy Release
Manual Exclusion (Privacy)
Conference, Drop, Hold and Transfer
Additional Call Appearance of a Shared Directory Number
Call Forwarding Variable - Feature Button
Visual Message Waiting Indicator
Audible Message Waiting Indicator

DATA
Circuit Switched Data Call Hunting

(DELETE)
(DELETE)

6. ISDN Capability Features
   a. Rates for ISDN Capability Features - Circuit Switched Voice/Data Services
      (1) Individual Features

<table>
<thead>
<tr>
<th>Term Payment Plan</th>
<th>Installation Charge</th>
<th>1 Month</th>
<th>84 Months</th>
<th>USOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Rate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(a) Inspect (5ESS)²</td>
<td>$20.00</td>
<td>$.20</td>
<td>$.05</td>
<td>DSIFA</td>
</tr>
<tr>
<td>(b) (Obsoleted, See Section A112.)</td>
<td>-</td>
<td>-</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>(c) ISDN Intercom, automatic</td>
<td>11.00</td>
<td>.20</td>
<td>$.05</td>
<td>DS1FD</td>
</tr>
<tr>
<td>(d) ISDN Intercom, group</td>
<td>11.00</td>
<td>.20</td>
<td>$.05</td>
<td>DS1FE</td>
</tr>
</tbody>
</table>

Note 1: Due to contract expirations, customers previously under 36 Months and 60 Months Term Payment Plan contracts have been converted to 1 Month rates and Term Payment Plan rates for 36 Months and 60 Months have been removed.

Note 2: Installation charge for Inspect does not apply if feature is activated at the initial installation of terminal.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.5 Rates and Charges (Cont'd)

D. ISDN Basic Rate Access Capability Charges - Rates and Charges¹ (Cont'd)

7. Feature Administration Charges
   a. Charges for Multi-button ISDN features will be based on the total number of configuration groups or terminals programmed.
      (1) Programmable Buttons

      | Term Payment Plan        | Monthly Rate |
      |--------------------------|--------------|
      | Installation Charge      | 1 Month       | 84 Months | USOC |
      | (a) Per configuration group (5ESS) | $15.00 | $- | $- | DS1A1 |
      | (b) Per terminal (DMS)    | .50          | -        | -    | DS1A2 |

8. Circuit Switched Data Call Hunting (5ESS)
   (a) Each

9. (DELETED)

Note 1: Due to contract expirations, customers previously under 36 Months and 60 Months Term Payment Plan contracts have been converted to 1 Month rates and Term Payment Plan rates for 36 Months and 60 Months have been removed.
**A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE**

**NON-TRANSPORT SERVICE OFFERINGS**

**A112.29 ESSX Multi-Account Service (Cont’d)**

**(T)**

**A112.29.5 ESSX Service (Cont’d)**

**(T)**

A. Common Equipment (Cont’d)

1. (Cont’d)

   a. Rates and Charges

   (1) ESSX service - VS, 200, 600 and XL

   **Term Payment Plan**

<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>Monthly Rate</th>
<th>Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>$875.00</td>
<td>$78</td>
<td>$68</td>
</tr>
</tbody>
</table>

   (a) Per Secondary Account

**A112.29.6 Digital ESSX Service**

**(T)**

A. Common Equipment

1. The following rates and charges are for the ESSX Multi-Account service feature only and are in addition to the appropriate and applicable service charges, monthly rates and nonrecurring charges for Digital ESSX service. Network Access Registers, and other services to which ESSX Multi-Account service subscribers may subscribe. Rates and charges for ESSX Multi-Account service apply only to each Secondary Account.

   a. Rates and Charges

   (1) Digital ESSX service - VS, 200, 600 and XL

   (a) Per Secondary Account

   500.00

**A112.30 Reserved For Future Use**

**A112.31 ESSX ISDN Service**

**(Obsoleted 09-26-95, Type D)**

Service rates and charges in this Section are available for inward activity of existing subscribers only as specified in the obsolescence rules stated in A112.28. Not available for new service or entire moves of existing service to new locations. Moves of existing service will be allowed when a subscriber remains within the same serving central office switch.

**A112.31.1 General**

A. ESSX ISDN service is an intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. ESSX ISDN service supports simultaneous transmission of voice and data on the same exchange access line. ESSX ISDN Service is available only to Digital ESSX service customers. The ESSX ISDN service lines in this offering can be added to Digital ESSX service - VS, -200, -600, -XL Systems under the same terms and conditions specified in A112.28 of this Tariff.

B. ESSX ISDN service provides a method of access to the subscriber's Digital ESSX service system called Basic Rate Access. Basic Rate Access will consist of up to two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point.

C. ESSX ISDN service will consist of the following components:

1. Digital ESSX service Common Equipment
2. Basic Rate Digital Subscriber Line (DSL) Access Arrangement
3. ISDN Loop Access Mileage
4. ISDN Bearer Alternative Services

   - Minimum of one and maximum of eight Bearer Services per Basic Rate DSL Access Arrangement
   - Maximum of eight identifiable users with a maximum of two simultaneous channels in use per Basic Rate DSL Access Arrangement

**Note 1:** Due to contract expirations, customers previously under 36 Months and 60 Months Term Payment Plan contracts have been converted to 1 Month rates and Term Payment Plan rates for 36 Months and 60 Months have been removed.

**Note 2:** Every system will include these components.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont’d)

A112.31.1 General (Cont’d)

C. ESSX ISDN service will consist of the following components: (Cont’d)
   5. Usage Charges
   6. Features
   7. Network Access

A112.31.2 Regulations

A. Customer Premises Equipment (CPE) for use with ESSX ISDN service Interface is the responsibility of the user for provisioning.

B. 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 ESSX ISDN service 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.

C. Terms and conditions for ESSX ISDN service are applied based on the system size (-200, -600, -XL) as defined in Digital ESSX service in this Section of this Tariff.

D. Suspension of service is not allowed.

E. Service Order Charges and Central Office Line Charges in Section A4. of this Tariff are applicable in addition to rates and charges in A112.31.5 following.

F. ESSX service Flat Rate Network Access Registers (NAR) as provided in Section A3. of this Tariff should be used with ESSX® ISDN service associated with a mixed or flat rate Digital ESSX service system.

ESSX service Measured Network Access Registers (NAR) as provided in Section A3. of this Tariff or ESSX service Volume Usage Network Access Registers (NAR) as provided in A3.26 of this Tariff may be used with ESSX ISDN service associated with a measured Digital ESSX service system.

G. ESSX ISDN service subscribers with mixed or flat rate Digital ESSX service must choose circuit switched B channels designated for use with Mixed or Flat Rate systems in this section of the Tariff. These B channel rates include a usage surcharge in lieu of the usage charges in Section A3. of this Tariff.

ESSX ISDN service subscribers with measured rate Digital ESSX service must choose circuit switched B channels designated for use with all measured systems in this section of the Tariff. Usage charges defined in Section A3. of this Tariff are applicable for transmission outside of the subscriber's system or the subscriber's serving central office.

H. Each ESSX ISDN service Basic Rate Access Arrangement line will be counted as a Digital ESSX service line in determining the total system size.

I. Telephone numbers transmitted via the Calling/Called Number Display feature are intended solely for the use of ESSX ISDN service subscribers. Resale of this information is prohibited by this Tariff.

J. (DELETED)

A112.31.3 Definitions

B Channel
A bidirectional 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 (BRI).

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.

(D)
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.3 Definitions (Cont'd)

Configuration Groups (5ESS only)

Configuration Groups use a similar software assignment concept to associate physical buttons of ISDN terminals to feature and actions. Since Configuration Groups use a group assignment process, it is necessary to group ISDN terminals together by type and common button action, so that terminals assigned to the same Configuration Group will operate in the same manner. Call appearances and features on one terminal’s buttons will then appear on the same button numbers on any other terminal in the same Configuration Group, as long as the same features/call appearances are used on each terminal. If not, the buttons cannot be used for a different feature or function. Variations in terminal types, features, call appearances, and feature button location will necessitate multiple Configuration Groups.

A112.31.4 Service Bearer Alternatives and Features

A. ESSX ISDN service Capability is provided through Bearer Alternatives and Features. Customers are required to subscribe to at least one Bearer Alternative Service. Features are available to increase the capability of the Bearer Alternative Service and may be subscribed to on an as needed basis.

B. B Channel Bearer Alternatives

1. Circuit Switched (B channel) Bearer Alternatives are usage sensitive switched services that offer up to 64 Kbps intra-office transmission for voice, data, or alternate voice and data transmission.
   a. Alternate Voice/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).
   b. (DELETED)
   c. (DELETED)

C. (DELETED)

D. Features - Circuit Switched Voice

1. Inspect is used to retrieve and display call-related information about any call appearance that has a call associated with it. This could be the active call, a call on hold, or an alerting call. It includes time of day and date (5ESS only).

2. Calling/Called Number Delivery, All - provides a user who is receiving/originating a call with information about the calling/called party and the facility or destination. It allows the calling/called DN to display for all terminals that share the same DN.  

3. ISDN Intercom (ICOM)
   a. Automatic - allows the ISDN telephone to originate calls to a DN by using only the ICOM feature button.

Note 1: This is a mandatory feature in the DMS 100 if any line in the system is equipped for this feature.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.4 Service Bearer Alternatives and Features (Cont'd)

D. Features - Circuit Switched Voice (Cont'd)

3. ISDN Intercom (ICOM) (Cont'd)
   b. Group (Dial) - allows the ISDN telephone to originate a call to a DN by pressing the ICOM feature button and
dialing one or two digits.

4. Additional Call Appearance - allows the set to have more than one DN button assigned to the same PDN.

5. Non-Shared Secondary-Only DN - a secondary DN that appears on only one terminal.


7. Shared Primary DN - a primary DN that appears on more than one terminal.

8. 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.

9. Shared Secondary-Only DN - Additional Device allows the first appearance of the Shared Secondary Only - DN on an
   additional device.

10. Manual Exclusion (Privacy) - allows a user to inhibit other stations in the same group from picking up a call on hold or
    bridging to a call that is active at that station.

11. Privacy Release (DMS only) - allows other stations to bridge into an existing call.

12. Conference, Drop, Hold, Transfer
    a. Conference - allows the set user to select an idle call appearance for the second leg of a three-way conference.
    b. Drop - allows the set user to drop the last party added to a conference call. For a two-party call, pressing this button
       disconnects the set from the call.
    c. Hold - allows the set 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.
    d. Transfer - allows the user to transfer a call to another DN in the customer group by pressing the transfer button,
       dialing the DN, and pressing the button again.

13. Additional Call Appearance of a Shared DN - allows the set to have more than one DN button assigned to the same DN.

14. Call Forwarding Variable - Feature Button (5ESS), when activated by a main station line user, automatically routes calls
    intended for the user's main station line to any other main station line selected inside or outside the subscriber's Digital
    system. This feature is used only when the subscriber requires Call Fowarding - Variable on a feature button.

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

16. Audible Message Waiting Indicator (5ESS) - Provides the user of a message service with an indication that a message is
    waiting.

17. Voice features compatible with ISDN lines not defined in this document will be available and as indicated in A112.28
    (Digital ESSX service) of this Tariff.

E. Features - Circuit Switched Data

1. Circuit Switched Data Call Hunting (5ESS) - allows multiline hunting with Circuit Switched Data Service Capability

F. (DELETED)
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.4 Service Bearer Alternatives and Features (Cont'd)

F. (DELETED)

A112.31.5 Rates and Charges

A. The ESSX ISDN service is associated with existing forms of exchange access which are Digital ESSX service. These rates and charges are applicable in addition to the rates and charges for associated services and features.

B. ESSX ISDN service Bearer Alternative Services will be available in combinations restricted by the limits of the Company central office type. The subscriber will choose the most appropriate combination(s) and will be billed the Required Bearer Alternative and Additional Options as needed.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont’d)

A112.31.5 Rates and Charges (Cont’d)

C. Digital ESSX service Common Equipment is required for all ESSX ISDN service lines. Rates and charges for Digital ESSX service Common Equipment are in addition to the charges in D. following.

1. Rates, charges, liabilities and additional regulations if applicable may be developed on an individual basis for Basic Rate DSL Access Arrangements exceeding the qualified loop area requirements.

D. ISDN Basic Rate Access Capability Charges - Rates and Charges

1. Basic Rate DSL Access Arrangement

<table>
<thead>
<tr>
<th>Installation Charge</th>
<th>Term Payment Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Month $84</td>
</tr>
<tr>
<td>(a) Two-wire interface, low volume</td>
<td>$170.00</td>
</tr>
<tr>
<td>(b) (DELETED)</td>
<td></td>
</tr>
</tbody>
</table>

2. ISDN Loop Access Mileage

<table>
<thead>
<tr>
<th>Mileage</th>
<th>Installation Charge</th>
<th>Term Payment Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 1/4 mile</td>
<td>-</td>
<td>4.85</td>
</tr>
<tr>
<td>(b) 1/2 mile</td>
<td>-</td>
<td>7.55</td>
</tr>
<tr>
<td>(c) 3/4 mile</td>
<td>-</td>
<td>10.40</td>
</tr>
<tr>
<td>(d) 1 mile</td>
<td>-</td>
<td>13.35</td>
</tr>
<tr>
<td>(e) 1 1/2 miles</td>
<td>-</td>
<td>19.30</td>
</tr>
<tr>
<td>(f) 2 miles</td>
<td>-</td>
<td>25.35</td>
</tr>
<tr>
<td>(g) 2 1/2 miles</td>
<td>-</td>
<td>25.95</td>
</tr>
<tr>
<td>(h) Greater than 2 1/2 miles Up to 5 miles</td>
<td>-</td>
<td>79.20</td>
</tr>
</tbody>
</table>

3. Bearer Alternative Services

a. B Channels

(1) Alternative Voice and Data - For use with Mixed or Flat Rate Digital ESSX service

<table>
<thead>
<tr>
<th>Service</th>
<th>Rate</th>
<th>Term Payment Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Circuit Switched Voice/Data</td>
<td>8.00</td>
<td>6.50</td>
</tr>
<tr>
<td>(b) Circuit Switched Voice/Data (shared DN)</td>
<td>8.00</td>
<td>6.50</td>
</tr>
</tbody>
</table>

(2) Alternative Voice and Data - For use with all Measured Digital ESSX service

<table>
<thead>
<tr>
<th>Service</th>
<th>Rate</th>
<th>Term Payment Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Circuit Switched Voice/Data</td>
<td>8.00</td>
<td>4.40</td>
</tr>
<tr>
<td>(b) Circuit Switched Voice/Data (Shared DN)</td>
<td>8.00</td>
<td>4.40</td>
</tr>
</tbody>
</table>

(3) (DELETED)

Note 1: New rates become effective with normal billing cycles beginning on or after June 8, 2002.

Note 2: This element should also be used for subscribers served through Subscriber Line Carrier at distances above 1 3/4 miles.

Note 3: Mixed systems include hotel/motel or hospitals where a mix of flat and measured/message service is allowed.

Note 4: Shares DN with another bearer service on the same DSL.
A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.5 Rates and Charges (Cont'd)

D. ISDN Basic Rate Access Capability Charges - Rates and Charges (Cont'd)

3. Bearer Alternative Services (Cont'd)
   a. B Channels (Cont'd)
      (3) (DELETED)
      (4) (DELETED)
   b. (DELETED)

4. Usage
   a. Circuit Switching - Outside the Business Group
      (1) For fully Measured systems per minute usage rates, for all circuit switched services (voice and/or data) apply to the average local exchange use (rounded to the nearest second) and are defined in Section A3. of this Tariff. Usage rates are applicable for transmission outside of the subscriber's system or the subscriber's serving central office.
      ESSX ISDN service subscribers associated with Mixed or Flat Rate Digital ESSX service will have a surcharge built into the rate for B-channel Circuit Switched Voice/Data in lieu of usage rates in Section A3. of this Tariff. (T)
      (2) Charges for the inward delivery of calling number information (CNI) will be as indicated in 6. following.
         (a) (Obsoleted, See Section A112.)

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A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE
NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.5 Rates and Charges (Cont'd)

D. ISDN Basic Rate Access Capability Charges - Rates and Charges\(^1\) (Cont'd)

5. ESSX ISDN Service Features are available on a per Alternative Bearer Service basis. Features associated with Digital ESSX service are under the terms and conditions in A112.28 of this Tariff.

**VOICE**

Inspect
Calling/Called Number Delivery

ISDN Intercom
- Automatic
- Group Dial

Additional Call Appearance
Non-Shared Secondary Only Directory Number
Shared Non-ISDN Directory Number
Shared Primary Directory Number
Shared Secondary Only Directory Number - First Appearance
Shared Secondary Only Directory Number - Additional Device
Privacy Release
Manual Exclusion (Privacy)
Conference, Drop, Hold and Transfer
Additional Call Appearance of a Shared Directory Number
Call Forwarding Variable - Feature Button
Visual Message Waiting Indicator
Audible Message Waiting Indicator

**DATA**

Circuit Switched Data Call Hunting

Note 1: Due to contract expirations, customers previously under 36 Months and 60 Months Term Payment Plan contracts have been converted to 1 Month rates and Term Payment Plan rates for 36 Months and 60 Months have been removed.

Note 2: Installation charge for Inspect does not apply if feature is activated at the initial installation of terminal.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Term Payment Plan</th>
<th>Monthly Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Installation Charge</td>
<td>1 Month</td>
</tr>
<tr>
<td>(a) Inspect (5ESS)(^2)</td>
<td>$20.00</td>
<td>$.20</td>
</tr>
<tr>
<td>(b) Obsoleted, See Section A112.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>(c) ISDN Intercom, automatic</td>
<td>11.00</td>
<td>.20</td>
</tr>
<tr>
<td>(d) ISDN Intercom, group</td>
<td>11.00</td>
<td>.20</td>
</tr>
</tbody>
</table>

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A112. OBSOLETE SERVICE OFFERINGS - CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

A112.31 ESSX ISDN Service (Cont'd)

A112.31.5 Rates and Charges (Cont'd)

D. ISDN Basic Rate Access Capability Charges - Rates and Charges¹ (Cont'd)

7. Feature Administration Charges
   a. Charges for Multi-button ISDN features will be based on the total number of configuration groups or terminals programmed.
      (1) Programmable Buttons

<table>
<thead>
<tr>
<th></th>
<th>Term Payment Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Installation</td>
</tr>
<tr>
<td></td>
<td>Charge</td>
</tr>
<tr>
<td>(a) Per configuration group (5ESS)</td>
<td>$15.00</td>
</tr>
<tr>
<td>(b) Per terminal (DMS)</td>
<td>.50</td>
</tr>
</tbody>
</table>

8. Circuit Switched Data Call Hunting (5ESS)
   (a) Each

9. (DELETED)

Note 1: Due to contract expirations, customers previously under 36 Months and 60 Months Term Payment Plan contracts have been converted to 1 Month rates and Term Payment Plan rates for 36 Months and 60 Months have been removed.