CLEC Information Package

July 12, 2005

**Version 1** 



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#### Introduction and Scope

This Product Information Package is intended to provide to CLECs a product description and general ordering information specific to the DS0 Wholesale Local Platform Service - 2 Wire ISDN/BRI described herein. Where BellSouth is not required to provide this service pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 (the "Act"), but chooses to offer the service through commercial agreements, the service is described in this document as the DS0 Wholesale Local Platform service. Where BellSouth provides this service in its CLEC interconnection agreement that is filed and approved by a state commission pursuant to the Act, the service shall be known by its previous name of Unbundled Network Element Platform (UNE-P), or 2-Wire ISDN/BRI Digital Loop & Port UNE Combination. The UNE-P version of this service is cover under the embedded base provisions of the TRRO. This document applies to both DS0 Wholesale Local Platform service and UNE-P service. For simplicity, the explanations provided in the body of this document will refer to just DS0 Service or 2 Wire ISDN/BRI, but the procedures will apply to DS0 Wholesale Local Platform service and UNE-P service. Further, the USOC descriptions, for these services shall continue to be labeled as Unbundled Network Elements, although they will be used for both the DS0 Wholesale Local Platform and UNE-P services.

This Product Information Package is replaces the 2-Wire ISDN/BRI Digital Loop & Port UNE Combination Section of the UNE-P Information package for 2-Wire ISDN/BRI Digital Loop & Port UNE Combination and 4-Wire ISDN/PRI Digital Loop & Port UNE Combination, Version 6, September 30, 2003 in its entirety.

Detailed ordering guidelines are provided in documents located on the BellSouth Interconnection Web site. Ordering procedures will be identical to the ordering procedures now available for 2-Wire ISDN/BRI Digital Loop & Port UNE Combination. Ordering guidelines are being revised to reflect DS0 Wholesale Local Platform Service – 2 Wire ISDN/BRI.

The information contained in this document is subject to change. BellSouth will provide notification of changes to the document through the CLEC Notification Process.

PLEASE CONTACT YOUR BELLSOUTH ACCOUNT MANAGER, IF YOU HAVE ANY QUESTIONS ABOUT THE INFORMATION CONTAINED HEREIN.



#### **Revisions:**

#### **Version 1**

This Product Information Package is replaces the 2-Wire ISDN/BRI Digital Loop & Port UNE Combination Section of the UNE-P Information package for 2-Wire ISDN/BRI Digital Loop & Port UNE Combination and 4-Wire ISDN/PRI Digital Loop & Port UNE Combination, Version 6, September 30, 2003 in its entirety.



#### **Product Names**

DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI (WLPS-ISDN/BRI) 2-Wire ISDN/BRI Digital Loop & Port UNE Combination

#### **Product Category**

DS0 Wholesale Local Platform Service Unbundled Network Element-Platform

#### **Product Availability Guidelines**

The following legal and regulatory guidelines apply when providing DS0 Wholesale Local Platform Service – 2 Wire ISDN/BRI:

- BellSouth will make DS0 Wholesale Local Platform Service 2-Wire ISDN/BRI available on a conversion basis in all areas in all states where the end-user customer has BellSouth Basic Rate ISDN or the CLEC resale offering. Pricing for this offering will be at negotiated <u>DS0 Wholesale Local Platform Service Rates</u>, unless otherwise ordered by a regulatory authority.
- 2. BellSouth will make DS0 Wholesale Local Platform Service 2-Wire ISDN/BRI available as a new installation in all areas in all states where facilities permit. Pricing for this offering will be at negotiated <u>DS0 Wholesale Local Platform Service Rates</u>, unless otherwise ordered by a regulatory authority.
- 3. Existing flat rate retail services may be converted to a measured rate service.
- 4. End Users with BellSouth special calling/billing plans that switch to a CLEC service provider that utilizes DS0 Wholesale Local Platform Service to provide service will lose the BellSouth calling/billing plan.
- BellSouth end-users under Rate Stability Contracts that switch to a CLEC service provider that utilizes DS0 Wholesale Local Platform Service to provide service will be responsible for tariff and/or contractual liabilities.
- 6. DS0 Wholesale Local Platform Service lines are not available for purchase or for conversion from Special Access or Private Line Circuits, if such network elements will be used to provide wireless telecommunications services."



### Product and Technical Description: DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI

#### **Service Description**

DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI is composed of a 2-wire, 2 way digital port and 2-wire digital loop. This service must be configured as a 2-way combination service.

DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI is a local measured rate exchange service for CLECs. The service provides the CLEC's end user access to two 64 Kbps (B) channels and one 16 Kbps (D) channel per line. The end user has the option to activate up to 2 B-Channels on the Combo and no more than one D-Channel. It allows a minimum of one and maximum of eight profiles per 2-wire ISDN port arrangement.

Calling/Called Number Delivery and Call Hold are included with this service. One directory listing will be furnished at no charge for each DS0.

If ISDN/BRI is not provisioned in the serving wire center, interoffice channel mileage will be billed. If the end user has a Foreign Exchange (FX) or Foreign Central Office (FCO) arrangement for its 2-wire ISDN, interoffice channel mileage will be billed.

Switch-based dialing patterns will be available on the converted service at parity with the service prior to conversion.

Customers with packet switching and features not provided in the list of vertical features will not be allowed to convert to this DS0 Wholesale Local Platform Service arrangement.

This service is implemented as a single unit. Billing will detail the individual elements, their costs and usage charges. Existing flat rate services will be converted to a measured rate service.

The following changes are allowed at the conversion:

- PIC
- PIC Freeze
- LPIC
- LPIC Freeze
- Blocking

#### **Technical Specifications**

DS0 Wholesale Local Platform Service - 2 Wire ISDN/BRI allows the termination of a 2-wire



digital loop, a DSO facility, directly into an ISDN digital switch port. These ports can only be used for DS0 terminations on the line side of the switch. This DS0 Wholesale Local Platform Service offering will be limited to the above arrangement.

DS0 Wholesale Local Platform Service – 2-Wire ISDN/BRI provides the Basic Rate Interface for ISDN service at the point of demarcation. BRI provides the end user access of up to two 64 Kbps (B) channels and one 16 Kbps (D) channel per exchange access line.

The D channel carries the out-of-band signaling information associated with the B and D channels.

B channel circuit switched services offer up to 64 Kbps intra-office transmission of voice or data. This permits the end user to use circuit switched 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 is potentially subjected to analog transmission or sub-rated to 56 Kbps. Each Access to a B channel for Circuit Switched Voice/Circuit Switched Data (CSV/CSD) includes one directory number (DN).

The following are set parameters for B channel and D channel Switched Services:

- Each B channel terminal will be provided logical channels up to the technical capability of the serving central office.
- Each logical channel can carry an independent call with throughput of up to 64 Kbps.
- Each D channel terminal will be provided logical channels up to the technical capabilities of the serving central office.

The 2-wire digital loop is a dedicated digital transmission facility from the end-user to the BellSouth switch. System Signaling 7 (SS7) or Multi-Frequency (MF) protocol may be utilized across the network. The facility allows the end user to send and receive circuit switched voice and circuit switched data telecommunications traffic. The DS0 2-Wire Digital Port is a dial-up facility that provides signaling features, functions and capabilities of the line side termination of the switch, hunting, and access to other services such as E911, PIC/LPIC options and routing.

The Selected Carrier Routing option, if chosen, allows the CLEC to route its end users' calls to the CLEC's own Operator Services platform or its Business Office. The port also includes switching functionality, which determines where the call needs to be terminated, and routes it onto the interoffice transport-shared portion of the network. Calls that can be carried on these services include: local 10 digit, Operator, Credit Card 0+ InterLATA toll, Credit Card 0+ intraLATA toll, 1+ InterLATA toll, 1+ intraLATA toll, Local Directory Assistance, Long Distance Directory Assistance, 1+800 Inter- and intraLATA, and 1+900.

Usage data is available via CLEC subscription to Access Daily Usage File (ADUF) and Optional Daily Usage File (ODUF). To receive ADUF messages, CLEC must have Network Data Mover (NDM) software, which is available from BellSouth.



If the end user's serving wire center is not equipped for ISDN and an interoffice channel is involved, or FX (Foreign Exchange) or FCO (Foreign Central Office) is required, interoffice channel mileage will apply. Numbers will not be delivered from lines equipped with Optional Calling Number Delivery Blocking in A13.19 of the GSST.



### Pre-Ordering Checklist: DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI

#### **Availability**

This DS0 Wholesale Local Platform Service – 2-Wire ISDN/BRI will be offered where the BellSouth switch is ISDN-BRI equipped, where the facilities are available, and consistent with CLEC agreement terms, conditions and rates.

#### **Billing Information**

The CLEC must provide a facility based OCN and Q account number.

DS0 local switching elements associated with calls carried over these services will be applied based on the interconnection agreement.

This service will be billed monthly on a Carrier Access Billing System (CABS) standard bill known in the industry as the "J" Bill. For samples of the ""J" bill, see the notification letter SN91081502, dated June 15, 1999. The interconnection web site below connects the CLEC to a guide on "Understanding Your Bill".

http://www.interconnection.bellsouth.com/billing\_a\_clec/content/index.htm

Monthly bills will be sent through an agreed upon electronic process. If no electronic process is selected, paper bills will be sent to the CLEC.

Each day BellSouth will electronically send the CLEC an ADUF detailing all access usage for its end-user customers and ODUF detailing all local and intrastate toll usage for its end-user customers. To receive ADUF messages, CLEC must have Network Data Mover (NDM) software.

#### Transport

If a customer's serving wire center is not equipped for ISDN and an interoffice channel, FX, or FCO is required, and the appropriate interoffice channel mileage will be charged.



### Ordering Information for DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI

#### Required/Valid Forms

The following forms are required for the ordering of these products: LSR, EU, PS (ISDN BRI only) and the CLEC Ordering Document. Forms are located on the Interconnection Web Site:

http://www.interconnection.bellsouth.com/guides/index.html

#### Required Fields by Form

All LSR and EU required fields should be populated as required for ordering (Refer to the BellSouth Ordering Guide for CLECs). The next four sections detail the critical fields and entries on the LSR and EU forms and the instructions for the service request (proprietary) form.

### Critical Fields and Entries for DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI

The REQTYP for ordering the ISDN BRI or ISDN PRI is "MB" (B is 2<sup>nd</sup> character and means firm order).

The valid Account Activities for 2-Wire ISDN/BRI are "N", "C", "D", or "V."

#### Ordering Information for DS0 Wholesale Local Platform Service - 2-Wire ISDN BRI

#### **Ordering Process Description**

Until further notice and OSS development, the CLEC will order this service manually and with the Universal Service Order Code (USOCs) associated with the individual DS0 Wholesale Local Platform Service elements. These USOCs will initiate manual processes to generate the necessary provisioning and billing for the service.

#### ISDN/BRI USOCs

| DESCRIPTION                                       | USOC           |
|---|----------------|
|   |                |
| Port (Business)                                   | UEPPB          |
| Port (Residence)                                  | UEPPR          |
| Loop  | USL2X          |
| B Channel User Profile Access                     |                |
| <ul> <li>CSV/CSD (CKT Switch</li> </ul>           | U1UCA (5E/DMS) |
| Voice/Data)                                       | , ,            |
| CSV - VOIĆE                                       | U1UCB (EWSD)   |
| CSD - DATA  | U1UCC (EWSD)   |
| B Channel User Profile Area Plus                  |                |
| Access - (Valid only in AL, KY, LA,               |                |
| MS, SC and TN)                                    |                |
| CSV/CSD (CKT Switch)                              | U1UCD (5E/DMS) |
| Voice/Data)                                       | , ,            |
| CSV – VOICE                                       | U1UCE (EWSD)   |
| CSD - DATA  | U1UCF (EWSD)   |
| • CSD - DATA                                      | (21102)        |
| User Terminal Service Profile                     | U1UMA          |
| Unbundled Miscellaneous Rate                      | URETL          |
| Element, Tag Loop at End User                     |                |
| Premise   |                |
| Unbundled Miscellaneous Rate                      | URETN          |
| Element, Tag Designed Loop at End                 |                |
|   |                |
| Element, Tag Designed Loop at End<br>User Premise |                |

When Ordering ISDN BRI: The CLEC should submit orders for conversions from BellSouth and new service to the CRSG/Account Team Representative. Subsequent orders or conversion from CLEC to CLEC should be submitted to the LCSC. The CLEC will provide the port USOC, the loop USOC, and appropriate interoffice trunking and/or dialing parity USOCs as defined in the table above. The CLEC must also advise BellSouth of any and all features it would like to order with ISDN/BRI. The CLEC may also order Pre-packaged bundles of features called EZ Packages. Appendix V identifies Optional Feature USOCs and the EZ Feature Packages that are eligible to be ordered. The CLEC should add the appropriate Feature USOC(s) to the ordering documents.



#### **Optional Loop Tagging**

When a BellSouth technician is required to be dispatched to provision the DS0 level loop, BellSouth will tag the Loop with the Circuit ID number and the name of the ordering CLEC. When a dispatch is not required to provision the DS0 level Loop, BellSouth will tag the Loop on the next required visit to the end user's location. If the CLEC wants to ensure the Loop is tagged during the provisioning process for Loops that may not require a dispatch, the CLEC may order Loop Tagging, which will force the dispatch of a technician. This Loop Tagging is over and above the normal provisioning process, and as such, is a chargeable option. DS0 Level Loop tagging is restricted to the provisioning of new installs of DS0 Wholesale Local Platform Service. Conversions are restricted from optional Loop Tagging.

The CLEC is responsible for placing the correct Optional Loop Tagging USOC on the LSR. The CLEC will be charged for this dispatch at the rate associated with these USOCs, as detailed in their Interconnection Agreement. If the orders complete with the Loop Tagging USOCs in place the CLEC will be charged, whether or not BellSouth would have dispatched on the order. The optional Loop Tagging USOCs can be found in the USOC Matrix in this document.

#### Pricing: DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI

The following charges apply as described:

#### A. Non-Recurring Charges

- 1. Contracted/mandated conversion charge for existing service conversions
- 2. Contracted/mandated installation charge new installations
- 3. Add or change individual numbers on subsequent orders
- 4. Manual Service Order Charges, as applicable.
- 5. Subsequent activity charges, as applicable.
- 6. Disconnect charges may apply.
- 7. Contracted /mandated/tariff charges for other associated/ancillary, as applicable.

#### **B.** Recurring Charges

- 1. Contracted/mandated recurring port(s) charge for specific services
- 2. Contracted/mandated recurring loop(s) charge for specific services
- 3. Contracted/mandated recurring feature charges, as applicable
- 4. Contracted/mandated interoffice facility and mileage charges, as applicable
- 5. Contracted /mandated/tariff charges for other associated/ancillary services, as applicable
- 6. Recurring charges subject to one month minimum billing

#### C. Usage Charges

Depending on the type of call, DS0 Wholesale Local Platform Service local switching rates will be charged to the CLEC. The local switching rate is the same for voice and data usage. There are six usage rate elements and the type of call determines what elements will be charged. The six usage rate elements are:

Port Usage Charges Local Switching Trunk port

Interoffice Transport – Shared
Per minute of use (MOU)
Per mile per minute per minute of use

Tandem Switching
Tandem Switching
Tandem Trunk port



#### D. Credit Terms

Credit terms will be detailed in contract with CLEC customer.

### Intervals: DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI

For specific due date intervals associated with DS0 Wholesale Local Platform Service – 2-Wire ISDN/BRI are identical to the intervals for 2 Wire ISDN/BRI Digital Loop & Port UNE combinations, refer to the BellSouth Interval Guide located at the following web address:

http://www.interconnection.bellsouth.com/guides/index.html

Intervals are based on receipt of an error-free manual LSR. A Service Inquiry will not be required. An engineering job may be required. If equipment is required, then a field vendor will be involved. This will affect the installation interval.

#### Maintenance and Repair Process: DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI

Repair calls for DS0 Wholesale Local Platform Service - 2-Wire ISDN/BRI will be handled in the following manner:

- 1. In **Georgia ONLY**, 2-Wire ISDN/BRI is non-designed and repair calls will be handled in the RMC (Resale Maintenance Center).
- 2. In **All Other States**, the Customer Wholesale Interconnection Network Services (CWINS) Center will handle repair calls for DS0 Wholesale Local Platform Service 2-Wire ISDN/BRI.



# Appendix I - Optional Feature USOCs and EZ Packages

|   | FEATURE DESCRIPTION                                     | USOC  |
|---|---|-------|
| • | SHARED PRIMARY NUMBER-FIRST APPR ON EACH ADDT TERMINAL  | DS1FJ |
| • | SECONDARY ONLY DN (SHARED/NON-SHARED) FIRST APPEARANCE  | LLDSF |
| • | SHARED SECONDARY ONLY DN-FIRST APPR ON EACH ADDT TERM   | DS1F1 |
| • | SHARED NON-ISDN DN                                      | DOE   |
| • | PRIVACY RELEASE   | DS1FU |
| • | MANUAL EXCLUSION  | DS1FM |
| • | CALL FORWARDING VARIABLE-VOICE OR VOICE/DATA            | LLNCV |
| • | CALL FORWARDING VARIABLE – DATA                         | LLOCD |
| • | CALL FORWARDING VARIABLE – FEATURE BUTTON – VOICE       | GJXCF |
| • | CALL FORWARDING VARIABLE – FEATURE BUTTON – DATA        | LLPCD |
| • | CALL FORWARDING BUSY LINE – VOICE OR VOICE/DATA         | LLQCV |
| • | CALL FORWARDING BUSY LINE – DATA                        | LLRCD |
| • | CALL FRWDNG BUSY LINE-PRGRMMBL-VOICE OR VOICE/DATA      | M6AVA |
| • | CALL FORWARDING BUSY LINE – PROGRAMMABLE – DATA         | M6ADF |
| • | CALL FORWARDING DON'T ANSWER – VOICE OR VOICE/DATA      | LLSCV |
| • | CALL FORWARDING DON'T ANSWER – DATA                     | LLUCD |
| • | CALL FRWDNG DON'T ANSWER-PRGRMMBL VOICE OR VOICE/DATA   | M6BVA |
| • | CALL FORWARDING DON'T ANSWER – PROGRAMMABLE - DATA      | M6BDF |
| • | CALL FRWDNG MULTIPLE SIMULTANEOUS – VOICE OR VOICE/DATA | M6CV5 |
| • | CALL FORWARDING MULTIPLE SIMULTANEOUS – DATA            | M6CD5 |
| • | CONFERENCE, DROP, HOLD AND TRANSFER                     | DS1FN |
| • | SIX-WAY CONFERENCE, DROP, HOLD AND TRANSFER             | LLY6P |
| • | MULTI-LINE HUNT GROUP – VOICE OR VOICE/DATA             | HTG   |
| • | MULTI-LINE HUNT GROUP – DATA                            | HTGSD |
| • | SPEED CALLING   | LLZSU |
| • | VISUAL MESSAGE WAITING INDICATOR                        | LLAVP |
| • | AUDIBLE MESSAGE WAITING INDICATOR                       | MWW   |
| • | ADDITIONAL CALL APPEARANCE, PDN OR DN                   | DS1FG |
| • | CALL TRACING  | NST   |
| • | CALL RETURN   | NSS   |
| • | PREFERRED CALL FORWARDING                               | NCE   |
| • | CALL BLOCK  | NSY   |
| • | REPEAT DIALING  | NSQ   |
| • | PER LINE BLOCKING FOR AGENCIES/LAW ENFORCEMENT          | NOB   |
| • | PER LINE BLOCKING FOR NON-PUB CUSTOMERS                 | NOBNN |
| • | PER LINE BLOCKING FOR GENERAL PUBLIC                    | NOBPC |



| FEATURE DESCRIPTION                                    | USOC  |
|--|-------|
| PER LINE BLOCKING FOR NON-PUB, AND NON-LISTED CUSTOMER | NOBPP |
| PER LINE BLOCKING FOR NON-PUB CUSTOMERS                | NOBNP |
| PER LINE BLOCKING FOR NON-PUB CUSTOMERS                | NOBNR |
| CALL RETURN DENIAL OF, PER ACTIVATION                  | BCR   |
| REPEAT DIALING, DENIAL OF, PER ACTIVATION              | BRD   |
| AUTOMATIC LINE/DIRECT CONNECT                          | M6GN9 |
| MAKE SET BUSY  | M6MPD |
| SELECTIVE CALL ACCEPTANCE                              | M6K16 |
| CALL PARK/CALL RETRIEVE                                | M6HP6 |
| CALL TRANSFER SYSTEM EXCEPTION                         | M6QTD |
| MAKE SET BUSY – INTRAGROUP                             | M6MGD |
| ALL CUSTOMIZED CODE RESTRICTIONS                       | CREX+ |
| ALL SELECTIVE CLASS OF CALL SCREENING                  | SRG++ |

| <b>EZ FEATURE PACKAGES DESCRIPTION</b>                              | USOC  | EZ1 | EZ1A | EZ2 | EZ2A |
|---|-------|-----|------|-----|------|
| 2 ADDITIONAL CALL APPEARANCES                                       | DS1FG | Х   | Х    | Х   | Χ    |
| CONFERENCE, DROP, HOLD,   | DS1FN | Х   | Х    | Х   | Х    |
| TRANSFER  |       |     |      |     |      |
| CALL FORWARDING VARIABLE –  | LLNCV | X   | X    | X   | Χ    |
| BUTTON  |       |     |      |     |      |
| VISUAL MESSAGE WAITING  | LLAVP |     | Χ    |     | Χ    |
| CALL FORWARDING BUSY LINE   | LLQCV |     | Χ    |     | Χ    |
| CALL FORWARDING DON'T ANSWER  | LLSCV |     | Х    |     | Χ    |
| VOICE MAIL (BASED ON SELECTION)                                     | SEE   |     | Х    |     | Χ    |
|   | NOTE  |     |      |     |      |
| 2 SECONDARY DIRECTORY NUMBERS                                       | LLDSF |     |      | Х   | Χ    |
| (DNs)   |       |     |      |     |      |
| NOTE: ANY VOICE MAIL USOC IS APPLICABLE, EXCEPT ENHANCED VOICE MAIL |       |     |      |     |      |



# Appendix II Acronyms

| Acronyms | Definition                                      |
|----------|---|
| 2W       | 2-wire  |
| 4W       | 4-wire  |
| ACAC     | Access Customer Advocacy Center                 |
| ACAT     | Additional Cooperative Acceptance Testing       |
| ACD      | Call Distributor                                |
| ACD      | Automatic Call Distributor                      |
| ACNA     | Access Carrier Name                             |
| ADSL     | Asymmetric Digital Subscriber Line              |
| ADUF     | Access Daily Usage File                         |
| AFIG     | Address and Facility Inventory Group            |
| AIN      | Advanced Intelligent Network                    |
| ANSA     | Alternate Network Serving Arrangement           |
| ASR      | Access Service Request                          |
| BFR      | Bona Fide Request                               |
| BIBS     | BellSouth Industrial Billing System             |
| BMRC     | Residence and Business Repair Centers           |
| BTN      | Billed Telephone Number                         |
| CABS     | Carrier Access Billing System                   |
| CCC      | Collocation Cross-Connect                       |
| CCM      | Circuit Capacity Management                     |
| CDD      | Customer Designated Date                        |
| CI       | Customer installation                           |
| CIC      | Carrier Identification Code                     |
| CLUB     | Customized Large User Bill                      |
| COCI     | Central Office Channel Interface                |
| Collo    | Collocation                                     |
| COWG     | Central Office Work Group                       |
| CPE      | Customer Premises Equipment                     |
| CPG      | Circuit Provisioning Group                      |
| CRIS     | Customer Records Information System             |
| CRSG     | Complex Resale Services Group                   |
| CSD      | Circuit Switched Data                           |
| CSV      | Circuit Switched Voice                          |
| DDITS    | Direct Digital Integration Transmission Service |
| DID      | Direct Inward Dialing                           |
| DLC      | Digital Loop Carrier                            |
| DLR      | Directory Listing Request Form                  |
| DN       | Directory Number                                |
| DNTD     | Do Not Tear Down                                |
| DOV      | Data Over Voice                                 |



| Acronyms   | Definition   |  |  |  |
|--|--|--|--|--|
| DSLAM  | Digital Subscriber Line Access Multiplexer   |  |  |  |
| ECD  | Estimated Completion Date  |  |  |  |
| EE   | Enhanced Electronic  |  |  |  |
| EEL  | Enhanced Extended Link   |  |  |  |
| EI   | Engineering Information  |  |  |  |
| ERS  | Extended Reach Service   |  |  |  |
| EU   | End User   |  |  |  |
| EU   | End User Information (Form)  |  |  |  |
| F2   | The loop distribution of BellSouth's network   |  |  |  |
| FAS  | Facility Associated Signaling  |  |  |  |
| FCO  | Foreign Central Office   |  |  |  |
| FDF  |  |  |  |  |
| FDT  | Frame Due Time   |  |  |  |
| FISO   | Full Image Service Order   |  |  |  |
| FOC  | Firm Order Confirmation  |  |  |  |
| FT   | Facility Termination   |  |  |  |
| FX   |  |  |  |  |
| GT   | Garden Terminal  |  |  |  |
| HDSL   | High-bit rate Digital Subscriber Line  |  |  |  |
| ICE  | Incoming Call Extension  |  |  |  |
| IDLC   |  |  |  |  |
|  | Interoffice Channel  |  |  |  |
| ISUP   | ISDN User Part   |  |  |  |
| LCSC   | Local Customer Service Center  |  |  |  |
| LMOS   | Loop Maintenance Operations System   |  |  |  |
| LMU  | Loop Make Up   |  |  |  |
| LS   | Loop Service (Form)  |  |  |  |
| LS-INP   | Loop Service with Number Portability   |  |  |  |
| LSP  | Local Service Provider   |  |  |  |
| LSR  | Local Service Request Form   |  |  |  |
| MDF  | Main Distribution Frame  |  |  |  |
| MDUs   | Multi-Dwelling Units   |  |  |  |
| MLT  | •  |  |  |  |
| MOU  | Minute of use  |  |  |  |
| MSA  | Metropolitan Service Area  |  |  |  |
| MTUs   | Multi-Tenant Units   |  |  |  |
| NFAS   | Non-Facility Associated Signaling  |  |  |  |
|  | Network Interface  |  |  |  |
| NID  | Network Interface Device   |  |  |  |
| OC   | Order Coordination   |  |  |  |
| OC/TS  |  |  |  |  |
|  | Optional Daily Usage File  |  |  |  |
| OSPC   | Outside Plant Construction   |  |  |  |
| FDF FDT FISO FOC FT FX GT HDSL ICE IDLC IOC ISUP LCSC LMOS LMU LS LS-INP LSP LSR MDF MDUS MLT MOU MSA MTUS NFAS NI NID OC OC/TS ODUF | Fiber Distributing Frame Frame Due Time Frull Image Service Order Firm Order Confirmation Facility Termination Foreign Exchange Garden Terminal High-bit rate Digital Subscriber Line Incoming Call Extension Integrated Digital Loop Carrier Interoffice Channel ISDN User Part Local Customer Service Center Loop Maintenance Operations System Loop Make Up Loop Service (Form) Loop Service with Number Portability Local Service Provider Local Service Request Form Main Distribution Frame Multi-Dwelling Units Mechanized Loop Test Minute of use Metropolitan Service Area Multi-Tenant Units Non-Facility Associated Signaling Network Interface Network Interface Device Order Coordination - Time Specific Optional Daily Usage File |  |  |  |



| Acronyms               | Definition   |
|------------------------|--|
| OSPE                   | Outside Plant Engineering                                |
| OSS                    | Operational Support Systems                              |
| PCS                    | Prestige® Communications Service                         |
| PIU                    | Percent Interstate Usage                                 |
| PLF                    | Percent Local Facility                                   |
| PLU                    | Percent Local Usage                                      |
| POP                    | Point of Presence  |
| PTD                    | Plant Test Date  |
| RD                     | Resistance Design  |
| RSOS                   | Regional Service Order Standards                         |
| RT                     | Remote terminal  |
| S&E                    | Service & Equipment                                      |
| SAC                    | Service Advocacy Center                                  |
| SAW                    | Service Assurance Warranty                               |
| SI                     | Service Inquiry  |
| SIG                    | Service Installation Guarantee                           |
| SL1                    | Service Level One  |
| SL2                    | Service Level Two  |
| SMAS                   | Special Access Maintenance Service                       |
| SONET                  | Synchronous Optical Network                              |
| SPID                   | Service Profile Identifier                               |
| SWC                    | Serving Wire Center                                      |
| TAFI                   | Trouble Analysis Facilitation System                     |
| T&M                    | Time and Materials                                       |
| TCAP                   | Transaction Capabilities Application Part                |
| TELRIC                 | Total Element Long Run Incremental Cost                  |
| TOS                    | Type of Service  |
| UC                     | Channelization   |
| UCL                    | Unbundled Copper Loop                                    |
| UCL/L                  | Unbundled Copper Loop - Long                             |
| UCL/S                  | Unbundled Copper Loop – Short                            |
| UDL                    | Unbundled Digital loop                                   |
| UIT                    | Unbundled Interoffice Transport                          |
| ULC                    | Local Channel  |
| ULL                    | Local Loop   |
| ULM                    | Unbundled Loop Modification                              |
| ULS                    | Unbundled Local Switching                                |
| UNEC                   | Unbundled Network Elements Center                        |
| UNTW                   | Unbundled Network Terminating Wire                       |
| UPS                    | Unbundled Packet Switching                               |
| USL                    | Unbundled Sub-Loop                                       |
| USL-D                  | Unbundled Sub-Loop-Distribution                          |
| USL-R / USL-INC (riser | Unbundled Sub-Loop Intra-Building Network (Riser) Cable  |
| cable)                 | Onbandica out Loop intra-ballaring Network (Niser) Cable |
| odbio)                 |  |



| Acronyms | Definition                      |
|----------|---------------------------------|
| UT-D     | Unbundled Transport – Dedicated |
| WFA      | Work Force Administration       |



# Appendix III – BellSouth Zone 1 Top MSAs

| <b>Building CLLI</b> | Zone | MSA    | City             | State |
|----------------------|------|--------|------------------|-------|
| DRBHFLMA             | 1    | FTLDFL | DEERFIELD BEACH  | FL    |
| FTLDFLAP             | 1    | FTLDFL | FT LAUDERDALE    | FL    |
| FTLDFLCR             | 1    | FTLDFL | FORT LAUDERDALE  | FL    |
| FTLDFLCY             | 1    | FTLDFL | FORT LAUDERDALE  | FL    |
| FTLDFLJA             | 1    | FTLDFL | PLANTATION       | FL    |
| FTLDFLMR             | 1    | FTLDFL | FORT LAUDERDALE  | FL    |
| FTLDFLOA             | 1    | FTLDFL | LAUDERDALE LAKES | FL    |
| FTLDFLPL             | 1    | FTLDFL | PLANTATION       | FL    |
| FTLDFLSG             | 1    | FTLDFL | SUNRISE          | FL    |
| FTLDFLSU             | 1    | FTLDFL | SUNRISE          | FL    |
| FTLDFLWN             | 1    | FTLDFL | FORT LAUDERDALE  | FL    |
| HLWDFLHA             | 1    | FTLDFL | HALLANDALE       | FL    |
| HLWDFLMA             | 1    | FTLDFL | HOLLYWOOD        | FL    |
| HLWDFLPE             | 1    | FTLDFL | PEMBROKE PINES   | FL    |
| HLWDFLWH             | 1    | FTLDFL | HOLLYWOOD        | FL    |
| PMBHFLCS             | 1    | FTLDFL | CORAL SPRINGS    | FL    |
| PMBHFLFE             | 1    | FTLDFL | POMPANO BEACH    | FL    |
| PMBHFLMA             | 1    | FTLDFL | COCONUT CREEK    | FL    |
| PMBHFLNP             | 1    | FTLDFL | POMPANO BEACH    | FL    |
| PMBHFLTA             | 1    | FTLDFL | TAMARAC          | FL    |
| MIAMFLAE             | 1    | MIAMFL | CORAL GABLES     | FL    |
| MIAMFLAL             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLAP             | 1    | MIAMFL | MIAMI SPRINGS    | FL    |
| MIAMFLBA             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLBC             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLBR             | 1    | MIAMFL | MIAMI BEACH      | FL    |
| MIAMFLCA             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLDB             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLFL             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLGR             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLHL             | 1    | MIAMFL | HIALEAH          | FL    |
| MIAMFLIC             | 1    | MIAMFL | MIAMI BEACH      | FL    |
| MIAMFLKE             | 1    | MIAMFL | KEY BISCAYNE     | FL    |
| MIAMFLME             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLNM             | 1    | MIAMFL | NORTH MIAMI      | FL    |
| MIAMFLNS             | 1    | MIAMFL | MIAMI            | FL    |
| MIAMFLOL             | 1    | MIAMFL | OPA LOCKA        | FL    |
| MIAMFLPB             | 1    | MIAMFL | MIAMI SPRINGS    | FL    |



| MIAMFLPL | 1 | MIAMFL | MIAMI             | FL |
|----------|---|--------|-------------------|----|
| MIAMFLRR | 1 | MIAMFL | MIAMI             | FL |
| MIAMFLSH | 1 | MIAMFL | MIAMI             | FL |
| MIAMFLSO | 1 | MIAMFL | MIAMI             | FL |
| MIAMFLWD | 1 | MIAMFL | MIAMI             | FL |
| MIAMFLWM | 1 | MIAMFL | WEST MIAMI        | FL |
| NDADFLAC | 1 | MIAMFL | NORTH MIAMI BEACH | FL |
| NDADFLBR | 1 | MIAMFL | MIAMI             | FL |
| NDADFLGG | 1 | MIAMFL | MIAMI             | FL |
| NDADFLOL | 1 | MIAMFL | MIAMI             | FL |
| ORLDFLAP | 1 | ORLDFL | ORLANDO           | FL |
| ORLDFLCL | 1 | ORLDFL | ORLANDO           | FL |
| ORLDFLMA | 1 | ORLDFL | ORLANDO           | FL |
| ORLDFLPC | 1 | ORLDFL | ORLANDO           | FL |
| ORLDFLPH | 1 | ORLDFL | ORLANDO           | FL |
| ORLDFLSA | 1 | ORLDFL | ORLANDO           | FL |
| VRBHFLMA | 1 | ORLDFL | VERO BEACH        | FL |
| ATLNGAAD | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGABH | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGABU | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGACD | 1 | ATLNGA | DECATUR           | GA |
| ATLNGACS | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGAEL | 1 | ATLNGA | DECATUR           | GA |
| ATLNGAEP | 1 | ATLNGA | EAST POINT        | GA |
| ATLNGAFP | 1 | ATLNGA | FOREST PARK       | GA |
| ATLNGAGR | 1 | ATLNGA | DECATUR           | GA |
| ATLNGAHR | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGAIC | 1 | ATLNGA | CLARKSTON         | GA |
| ATLNGALA | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGAPP | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGASS | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGATH | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGAWD | 1 | ATLNGA | ATLANTA           | GA |
| ATLNGAWE | 1 | ATLNGA | ATLANTA           | GA |
| CHMBGAMA | 1 | ATLNGA | CHAMBLEE          | GA |
| DNWDGAMA | 1 | ATLNGA | DUNWOODY          | GA |
| LLBNGAMA | 1 | ATLNGA | LILBURN           | GA |
| NRCRGAMA | 1 | ATLNGA | NORCROSS          | GA |
| SMYRGAGP | 1 | ATLNGA | ATLANTA           | GA |
| SMYRGAMA | 1 | ATLNGA | SMYRNA            | GA |
| SMYRGAPF | 1 | ATLNGA | MARIETTA          | GA |
| TUKRGAMA | 1 | ATLNGA | TUCKER            | GA |
| NWORLAAR | 1 | NWORLA | NEW ORLEANS       | LA |
| NWORLAAV | 1 | NWORLA | AVONDALE          | LA |
|          |   |        |                   |    |



| NWORLABM | 1 | NWORLA | NEW ORLEANS        | LA |
|----------|---|--------|--------------------|----|
| NWORLACA | 1 | NWORLA | NEW ORLEANS        | LA |
| NWORLACM | 1 | NWORLA | CHALMETTE          | LA |
| NWORLAFR | 1 | NWORLA | NEW ORLEANS        | LA |
| NWORLALK | 1 | NWORLA | <b>NEW ORLEANS</b> | LA |
| NWORLAMA | 1 | NWORLA | <b>NEW ORLEANS</b> | LA |
| NWORLAMC | 1 | NWORLA | <b>NEW ORLEANS</b> | LA |
| NWORLAMR | 1 | NWORLA | MARRERO            | LA |
| NWORLAMT | 1 | NWORLA | METAIRIE           | LA |
| NWORLAMU | 1 | NWORLA | NEW ORLEANS        | LA |
| NWORLARV | 1 | NWORLA | GRETNA             | LA |
| NWORLASC | 1 | NWORLA | NEW ORLEANS        | LA |
| NWORLASK | 1 | NWORLA | NEW ORLEANS        | LA |
| NWORLASW | 1 | NWORLA | METAIRIE           | LA |
| CHRLNCBO | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCCA | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCCE | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCCR | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCDE | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCER | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCLP | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCMI | 1 | CHRLNC | MINT HILL          | NC |
| CHRLNCOD | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCRE | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCSH | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCTH | 1 | CHRLNC | CHARLOTTE          | NC |
| CHRLNCUN | 1 | CHRLNC | CHARLOTTE          | NC |
| GNBONCAP | 1 | GNBONC | GREENSBORO         | NC |
| GNBONCAS | 1 | GNBONC | GREENSBORO         | NC |
| GNBONCEU | 1 | GNBONC | GREENSBORO         | NC |
| GNBONCHO | 1 | GNBONC | MCLEANSVILLE       | NC |
| GNBONCLA | 1 | GNBONC | GREENSBORO         | NC |
| GNBONCMC | 1 | GNBONC | GREENSBORO         | NC |
| GNBONCPG | 1 | GNBONC | PLEASANT GARDEN    | NC |
| NSVLTNAA | 1 | NSVLTN | NASHVILLE          | TN |
| NSVLTNAP | 1 | NSVLTN | NASHVILLE          | TN |
| NSVLTNBV | 1 | NSVLTN | NASHVILLE          | TN |
| NSVLTNBW | 1 | NSVLTN | BRENTWOOD          | TN |
| NSVLTNCD | 1 | NSVLTN | NASHVILLE          | TN |
| NSVLTNCH | 1 | NSVLTN | NASHVILLE          | TN |
| NSVLTNDO | 1 | NSVLTN | NASHVILLE          | TN |
| NSVLTNHH | 1 | NSVLTN | ANTIOCH            | TN |
| NSVLTNIN | 1 | NSVLTN | NASHVILLE          | TN |
| NSVLTNMC | 1 | NSVLTN | MADISON            | TN |



| NSVLTNMT | 1 | NSVLTN | NASHVILLE    | TN |
|----------|---|--------|--------------|----|
| NSVLTNST | 1 | NSVLTN | NASHVILLE    | TN |
| NSVLTNUN | 1 | NSVLTN | NASHVILLE    | TN |
| NSVLTNWC | 1 | NSVLTN | WHITES CREEK | TN |
| NSVLTNWM | 1 | NSVLTN | NASHVILLE    | TN |

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