
BellSouth Interconnection Services

675 West Peachtree Street
Atlanta, Georgia 30375

**Carrier Notification
SN91085131**

Date: June 20, 2005

To: Competitive Local Exchange Carriers (CLEC)

Subject: CLECs – (Documentation/Guides) - Update to the BellSouth Local Ordering Handbook (LOH) Version 19.0a, New Local Service Ordering Guide 6 (LSOG 6) and EDI Local Mechanization Specifications 6 (ELMS 6) for Release 19.0

This is to advise that BellSouth has identified the following documentation defects in the LOH Version **19.0a** for ELMS 6, Release 19.0.

CCP Number	Description Of The Change
2243	Correct Incorrect Data/(typos) in EDI Pre-Order Business Rules and Data Dictionary and TAG Pre-Order and Data Dictionary. Correct data/typos in 19.0 ELMS Pre-Ordering: - TAG Pre-Order Data Dictionary, - Transaction Availability table, - TAG Basic Pre-Order Functions information, - Pre-Order EDI Interface General Information, - EDI Basic Pre-Order Functions information, and - Correct LENS - Customer Service Records (CSRs) Explanations.
2244	Add Resale ISDN ANSA Agreements chapter to LOH (General Local Service Ordering Information section): Add new chapter titled "ISDN ANSA Agreements" to LOH.
2245	Make changes to REQ TYP E, F, M Hunting – Ordering: Make changes to REQ TYP E, F, M Hunting – Ordering (this change should have been made with Feature 35596).
2246	BellSouth Centrex CPG FIDs (update document on web page): Additional information pertaining to secondary Call Pick Up Groups added to the CPG FID Format section for all switch types. Correction made on FID Format for the DMS switch to show required ten digits.

Please refer to the attachments for specific details of the changes listed above.

These changes will be reflected in the next update of the ELMS 6, Release 19.0/LOH, Version **19.0b** scheduled to be posted Friday, July 8, 2005.

A summary of all changes within this document will be listed in the **Summary of Changes** section. This update can be found on the BellSouth Interconnection Services Web site in the Customer Guides Section at:

<http://www.interconnection.bellsouth.com/guides/html/leo.html>

Please contact your BellSouth local support manager with any questions.

Sincerely,

ORIGINAL SIGNED BY JERRY HENDRIX

Jerry Hendrix – Assistant Vice President
BellSouth Interconnection Services

Attachments

CCP 2243 Attachment Listed Below

CRB: 4730v0
CCP: 2243
LOH-ELMS6 Pre Order for EDI Tables and Data Dictionary.

EDI: Address Validation Query by Address (con't)

AVQ-ADDR Address Validation Query by Address
 AVR-SA Address Validation Response - Supplemental Address
 AVR-SAM Address Validation Response - Single Address Match
 AVR-SN Address Validation Response - Street Name

Field Name	AVQ-ADDR	AVR-SA	AVR-SAM	AVR-SN
ADDR-STATUS	-	M	M	-

Deleted: [redacted]
 Deleted: ADDR-STAUS . . . M

EDI: Address Validation Query by Telephone Number (con't)

AVQ-TN Address Validation Query by Telephone Number
 AVR-SA Address Validation Response - Supplemental Address
 AVR-SAM Address Validation Response - Single Address Match
 AVR-SN Address Validation Response - Street Name

Field Name	AVQ-TN	AVR-SA	AVR-SAM	AVR-SN
ADDR-STATUS	-	M	M	-

Deleted: [redacted]
 Deleted: ADDR-STAUS . . . M

PULSE

Pulsing Type (EDI)

Valid Entries

Entry	Description
DP	Dial-Pulse
MF	Multi-Frequency
DTMF	Dual-Tone Multi-Frequency

Deleted: MTMF

CITY

City Name (EDI)

Conditional Usage Notes

#	Transaction	Note
1	AVQ-ADDR	Required if STATE and ZIP are not populated. 1

Deleted: AVR-ADDR

LV2

Location Value 2 (EDI)

Definition:

Identifies the value associated with the second location designator (LD2) of the address.

Deleted: first

LV3

Location Value 3 (EDI)

Definition:

Identifies the value associated with the third location designator (LD3) of the address.

Deleted: first

TXCLS

Transaction Classification (EDI)

Conditional Usage Notes

#	Transaction	Note
7	AVQ-TN	When <u>TXACT</u> = A and TXTYP = A, TXCLS must be T.

Deleted: INQACT

CRB: 4730v0
CCP: 2243
LOH-ELMS6 EDI Pre-Ordering Data Dictionary

19.0B ELMS6

EDI Pre-order Data Dictionary

This section provides the explanation for all fields identified in the Pre-Ordering matrices.

Table Entry	Contains
	The system name for the field.
	The English name for the field.
TAG Schema Field	TAG Schema Field The TAG schema name for the field (TAG only)
Data Characteristics	Field length and data characteristics for the field.
Definition	The definition for the field.
Definition Notes	Any further field definition including exceptions by transaction
Valid Entries	Any valid entries and descriptions identified for the field.
Valid Entry Notes	Notes that are applicable for valid entries. These could include format, etc. These may be specific by transaction.
Occurrence Notes	Any field occurrence notes by transaction. Note: Occurrence notes have not been provided for all fields at this time. In the event that the Occurrence Notes in this documentation do not match the occurrence notes in the EDI System Documentation, please use the occurrence information from the EDI System Documentation.
Conditional Usage	Any conditional usage notes by transaction.
Business Rules	Any business rules by transaction
Related Ordering Form / Field	Any field on Ordering that is related to the pre-Ordering field.
Related Ordering Form / Notes	Any notes further defining the related ordering form / field

Deleted: This may include ranges.

Deleted: And n

CRB: 4730v0
CCP: 2243
19.0 Pre Order for TAG Data Dictionary***PULSE****Pulsing Type (TAG)***Entry Description****Valid Entries**

Entry	Description
DP	Dial-Pulse
MF	Multi-Frequency
DTMF	Dual-Tone Multi-Frequency

Deleted: ~~MTMF~~***LV2****Location Value 2 (TAG)***Definition:**Identifies the value associated with the second location designator (LD2) of the address.Deleted: ~~first~~***LV3****Location Value 3 (TAG)***Definition**Identifies the value associated with the third location designator (LD3) of the address.Deleted: ~~first~~

CRB: 4730v0
CCP: 2243
LOH-ELMS6 Pre Order for TAG Data Dictionary

TAG Pre-order Data Dictionary

This section provides the explanation for all fields identified in the Pre-Ordering matrices.

Table Entry	Contains
	The system name for the field.
	The English name for the field.
TAG Schema Field	TAG Schema Field The TAG schema name for the field (TAG only)
Data Characteristics	Field length and data characteristics for the field.
Definition	The definition for the field.
Definition Notes	Any further field definition including exceptions by transaction
Valid Entries	Any valid entries and descriptions identified for the field.
Valid Entry Notes	Notes that are applicable for valid entries. These could include format, etc. These may be specific by transaction.
Occurrence Notes	Any field occurrence notes by transaction Note: Occurrence notes have not been provided for all fields at this time. In the event that the Occurrence Notes in this documentation do not match the occurrence notes in the TAG System Documentation, please use the occurrence information from the TAG System Documentation.
Conditional Usage	Any conditional usage notes by transaction.
Business Rules	Any business rules by transaction
Related Ordering Form / Field	Any field on Ordering that is related to the pre-Ordering field.
Related Ordering Form / Notes	Any notes further defining the related ordering form / field

Deleted: This may include ranges.

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CRB: 4730v0

CCP: 2243

LOH-ELMS6 Pre Order (Pre-Ordering Transaction Availability)

BELLSOUTH
Local Ordering Handbook

Section 2
Pre-Ordering

LSOG6 / ELMS6

Release 19.0 / Version 19.0A

Posting Date May 13, 2005

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This document provides business rules only and should not be used to code your front-end application.

As general practice alpha and alphanumeric values are left justified and numeric values are right justified. However, BellSouth is not suggesting that modifications be made to your front-end to comply with this practice. Field specifications can be found in the Telecommunications Access Gateway (TAG) API documentation. Customer Service Record (CSR) response transactions are in parsed and unparsed format.

Overview

General Information

Disclaimer

This document is intended to reflect, in as accurate a manner as possible, current Pre-Ordering and Ordering Information. BellSouth Telecommunications, Inc., and its subsidiaries, affiliates, officers, directors, and employees are not liable for inaccuracies that may be present in this documentation. Report discrepancies found to the appropriate Account Team Representative.

Preface

BellSouth is a Regional Bell Operating Company (RBOC) offering local service to residential and business customers in the southeastern United States. Through manual and highly automated processes, BellSouth offers Competitive Local Exchange Carriers (CLECs) the ability to submit pre-order transactions. Moreover, these same business processes allow the CLEC to submit local service requests for telecommunications services for resale, unbundled network elements (UNEs), and other such services throughout BellSouth's nine-state region.

To help CLECs submit efficient and accurate inquiries and/or orders, BellSouth has developed a variety of electronic interfaces that interact with its operational support systems (OSS). These interfaces provide the CLEC with several options to conduct business with BellSouth in a manner that supports the CLEC's specific business needs.

BellSouth has created the Local Carrier Service Center (LCSC) to process manual pre-order and order transactions. These centers are strategically located within BellSouth's nine-state region to meet the CLECs' needs by efficiently and effectively processing each transaction.

This guide provides a high-level overview of the Pre-Ordering and Ordering processes at BellSouth. It offers the CLEC a basic understanding of the key activities involved with these processes when conducting business with BellSouth.

Purpose

The purpose of this guide is to provide an instructional Pre-Ordering and Ordering overview for CLECs engaged in offering local telecommunications services through BellSouth Telecommunications, Inc. It also provides the CLEC with a high-level understanding of the current procedures and processes used to acquire products and services from BellSouth.

Specifically, this guide provides the following for CLECs:

- An overview of the Pre-Ordering and Ordering business processes. This is intended to provide a map that guides the CLEC through each

activity in these processes. It only provides a high-level overview of each process. Where more detailed information is needed, this guide directs the CLEC to other documents, sources, or references it may utilize to obtain more detailed information.

- A list of available options to electronically or manually submit Pre-Order and Order transactions. By listing them, the CLEC can see the array of options available and how each option can support its business..
- A list of more extensive Pre-ordering and Ordering documentation that is available. By providing a general document description and information on where to obtain it, the CLEC is not overwhelmed with unnecessary information. This enables the CLEC to efficiently locate the information needed to submit and receive transactions to and from BellSouth.

Audience

This guide is written for the CLEC interested in procuring products and services from BellSouth Telecommunications, Inc. Except where necessary; this guide does not differentiate between resale and facility-based CLECs.

How to Read this Guide

BellSouth developed this document to assist those CLECs unfamiliar with the current business processes used at BellSouth. A recommended approach is that the CLEC initially read this guide from start to finish; however, the guide is structured so that a CLEC may easily access a particular section without having to read a preceding section.

The guide is organized accordingly:

- General Information
- Pre-Ordering Process
- Pre-Ordering Transaction Availability
- TAG Interface
- EDI Interface
- LENS Interface
- Loop Qualification System (LSQ)
- TAG / EDI Appendices

Pre-Ordering Transaction Availability

The following matrix is to be used a quick reference for the pre-ordering transactions and their availability across the TAG, EDI, and LENS transmission options. The user should refer to the actual TAG, EDI, transactions for detailed execution instructions. For LENS, please refer to the LENS User Guide:

<http://www.interconnection.bellsouth.com>

Transaction Acronym	Definition	Available in TAG?	Available in EDI?	Available in LENS?
AVQ-ADDR	Address Validation Query by Address	Yes	Yes	No
	Address Validation Inquiry by Address	No	No	Yes
AVQ-TN	Address Validation Query by Telephone Number	Yes	Yes	No
	Address Validation Inquiry by Telephone Number	No	No	Yes
	Address Validation Response	No	No	Yes
COAQ	Central Office Address Query	No	No	Yes
COAR	Central Office Address Response	No	No	Yes
AVR-SAM	Address Validation Response - Single Address Match	Yes	Yes	No
AVR-NAV	Address Validation Response - No Address Verified	Yes	Yes	No
AVR-CNM	Address Validation Response - Community Names Menu	Yes	Yes	No
AVR-SN	Address Validation Response – Street Name	Yes	Yes	No
AVR-DNM	Address Validation Response - Descriptive Name Menu	Yes	Yes	No
AVR-HN	Address Validation Response – House Numbers	Yes	Yes	No
AVR-LS	Address Validation Response - Location Standards	Yes	Yes	No
AVR-SA	Address Validation Response – Supplemental Address	Yes	Yes	No

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Transaction Acronym	Definition	Available in TAG?	Available in EDI?	Available in LENS?
AVR-BDA	Address Validation Response – Basic Descriptive Address	Yes	Yes	No
AVR-BAM	Address Validation Response – Basic Addresses Menu	Yes	Yes	No
AVR-GSG	Address Validation Response – GSG Summary	Yes	Yes	No
AVR-MAT	Address Validation Response – Menu of Address Telephones	Yes	Yes	No
AVR-LU	Address Validation Response – Living Units on Street	Yes	Yes	No
	Reserve Telephone Number(s) Inquiry	No	No	Yes
	Reserve Telephone Number(s) Response	No	No	Yes
TNAQ-TN	Telephone Number Availability Query	Yes	Yes	No
TNAR-TN	Telephone Number Availability Response	Yes	Yes	No
TNAQ-MLH	Telephone Number Availability Query for Multi-Line Hunt	Yes	Yes	No
TNAR-MLH	Telephone Number Availability Response for Multi-Line Hunt	Yes	Yes	No
TNAQ-DID	Telephone Number Availability Query for Direct Inward Dial	Yes	Yes	No
TNAR-DID	Telephone Number Availability Response for Direct Inward Dial	Yes	Yes	No
	Reserve Miscellaneous Account Number(s) Inquiry	No	No	Yes
	Reserve Miscellaneous Account Number(s) Response	No	No	Yes
TNAQ-MISC	Telephone Number Availability Query for Miscellaneous Account Numbers	Yes	Yes	No
TNAR-MISC	Telephone Number Availability Response for Miscellaneous Account Numbers	Yes	Yes	No

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Transaction Acronym	Definition	Available in TAG?	Available in EDI?	Available in LENS?
TNSQ	Telephone Number Selection Query	Yes	Yes	No
TNAR-SQ	Telephone Number Selection Response	Yes	Yes	No
TNCAN-TN	Telephone Number Cancellation Query	Yes	Yes	No
TNCAN-MLH	Telephone Number Cancellation Query for Multi-Line Hunt	Yes	Yes	No
TNCAN-DID	Telephone Number Cancellation Query for DID	Yes	Yes	No
TNAR-CAN	Telephone Number Cancellation Response	Yes	Yes	No
SAQ	Service Availability Query	Yes	Yes	No
SAR	Service Availability Response	Yes	Yes	No
	View Features and Services Inquiry	No	No	Yes
	View Features and Services Response	No	No	Yes
AAQ	Appointment Availability Query	Yes	Yes	No
AAR	Appointment Availability Response	Yes	Yes	No
	View Installation Calendar Inquiry	No	No	Yes
	View Installation Calendar Response	No	No	Yes
ESDQ	Estimated Service Date Query	Yes	Yes	No
ESDR	Estimated Service Date Response	Yes	Yes	No
	Estimate Due Date Inquiry	No	No	Yes
	Estimate Due Date Response	No	No	Yes
CI-CPQ	Cable ID – Channel Pair Status Query	Yes	No	No
CI-CPR	Cable ID – Channel Pair Status Response	Yes	No	No
	Cable / Chan Pair Status Inquiry	No	No	Yes
	Cable / Chan Pair Status Response	No	No	Yes
LMD-WLQ	Loop Make Up Data for Working Loop Query	Yes	Yes	No

Transaction Acronym	Definition	Available in TAG?	Available in EDI?	Available in LENS?
LMD-WLR	Loop Make Up Data for Working Loop Response	Yes	Yes	No
	Loop Make Up For Working Loops Inquiry	No	No	Yes
	Loop Make Up For Working Loops Response	No	No	Yes
LMD-SFQ	Loop Make Up Data for Space Facilities Query	Yes	Yes	No
LMD-SFR	Loop Make Up Data for Space Facilities Response	Yes	Yes	No
	Loop Make Up for New or Spare Facilities Inquiry	No	No	Yes
	Loop Make Up for New or Spare Facilities Inquiry	No	No	Yes
LQR	Loop Make Up Reservation Query	Yes	Yes	No
LRR	Loop Make Up Reservation Response	Yes	Yes	No
LQR-CICP	Loop Make Up Reservation Query by Cable ID / Channel Pair	Yes	Yes	No
LRR-CICP	Loop Make Up Reservation Response by Cable ID / Channel Pair	Yes	Yes	No
	Loop Make Up for New or Spare Facilities Reservation Inquiry	No	No	Yes
	Loop Make Up for New or Spare Facilities Reservation Response	No	No	Yes
LRCQ	Loop Reservation Cancellation Query	Yes	Yes	No
LRRCR	Loop Reservation Cancellation Response	Yes	Yes	No
	Cancel Facility Reservation Inquiry	No	No	Yes
	Cancel Facility Reservation Inquiry	No	No	Yes

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Transaction Acronym	Definition	Available in TAG?	Available in EDI?	Available in LENS?
	View Customer Record Inquiry	No	No	Yes
	View Customer Record Response	No	No	Yes
	View Multiple Customer Records Inquiry	No	No	Yes
	View Multiple Customer Records Response	No	No	Yes
CSRQ	Customer Service Record Query	Yes	No	No
CSRR	Customer Service Record Response	Yes	No	No
CCSRQ	CABS Customer Service Record Query	Yes	Yes	No
CCSRR	CABS Customer Service Record Response	Yes	Yes	No
PSCRQ	Parsed Customer Service Record Query	Yes	Yes	No
PCSRR	Parsed Customer Service Record Response	Yes	Yes	No
PCSRR-W	Parsed Customer Service Record Response - Wireless	Yes	Yes	No
	View All	No	No	Yes
CSRPMQ	CSR Permission Modify Query	Yes	Yes	No
CSRPMR	CSR Permission Modify Response	Yes	Yes	No
CSRPHQ	CSR Permission History Query	Yes	Yes	No
CSRPHR	CSR Permission History Response	Yes	Yes	No
CSRPVQ	CSR Permission View Query	Yes	Yes	No
CSRPVR	CSR Permission View Response	Yes	Yes	No
PLISTQ	PON List Query (Firm Order Transaction)	No	Yes	No
PLISTR	PON List Response (Firm Order Transaction)	No	Yes	No
SOSQ	Service Order Status Query (Firm Order Transaction)	No	Yes	No
SOSR	Service Order Status Response (Firm Order Transaction)	No	Yes	No

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Attachment
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TAG Interface

General Information

TAG is a machine-to-machine exchange of business documents in a standard format over a communications path. TAG provides a bi-directional flow of information from a CLEC to BellSouth's OSS and from BellSouth's OSS to the CLEC. In addition, TAG provides both pre-ordering and ordering functionality through the CLEC's own application interface. Again, similar to EDI, TAG supports specific guidelines applicable to pre-ordering and ordering. For more information about these standards and the communications requirements, the CLEC should review the *TAG API Reference Guide* at the Web address listed below or contact its Account Team Representative:

<http://www.interconnection.bellsouth.com>

***NOTE:** This Web site only contains a link to the TAG documentation Web site address, which is password-protected. Only those CLECs requiring access are granted a user ID and password. For more information, a CLEC should contact its Account Team Representative.*

Helpful Hints

Address Validation

The Address Validation Transaction is meant to be conversational. If an entered address is close, but is not an exact match, address selections may be returned to enable the CLEC to narrow the selection to resubmit a transaction. The amount of information returned, (if any) will depend on the accuracy of the information initially provided by the CLEC as well as limitations regarding the number of maximum number of addresses that will be returned in a single response.

Search Level Processing

The Address Validation Transaction initially establishes the Search Area. Once the Search Area has been established, then the address level data is searched.

Once the Search Area has been established, address level data is searched. Search Area data is defined as City & State or State & Zip. Additionally, a 10-digit dialable telephone number is used to determine the Search Area.

Once the community (search area) has been identified, the Address Validation Transaction will search for all the matching communities that contain the address data. If more than one community is found, then a list of valid communities is returned.

If only one community is found, then the Address Validation Transaction searches for an exact match on the street and range. If more than one street matches, then a menu with the valid streets is returned.

Telephone Level Searching

If a telephone number (WTN) is input, without other Search Area information, a search is performed to locate the address that contains the specified WTN.

If more than one address is found for the WTN, then a menu is returned with the valid addresses with the WTN & status indicating working or non-working.

Multiple Search Areas

If more fields are input than are required to establish a Search Area, the following hierarchy is used to establish the Search Area:

- If a telephone number is input (along with city, state, zip), the telephone number is the Search Area used. If the telephone number is not found, then the other Search Area fields are used: City & State, State & Zip.
- If city, state and zip are input, zip is ignored and city and state are used. If city is not found, the state and zip are used.

NPANXX vs. NPATTA

The NPANXX is one of the available area code(s) & exchanges of a geographic zone. The NPATTA is the parent area code & exchange of a geographic zone. An NPATTA will equate to several NPANXXs within a geographic area. The NPATTA is returned on the Address Validation response for a matched address. NPANXX and NPATTA are interchangeable for Appointment Availability Transaction and Address Validation Transaction.

CLLI

The CLLI is an 8 or 11 alpha/numeric code that identifies the switch. The Address Validation response returns an 8 alpha/numeric code while the Service Availability & Telephone Number Selection/Reservation response return an 11 alpha/numeric code. The 8 alpha/numeric code identifies the switch while the 11 alpha/numeric code identifies a specific switch.

AHN

An AHN number will only be returned on a Single Address Match Response. The AHN number will appear in the SANO field and SASF field will have "AHN" as the returned data. The AHN-STATUS field is not returned on the Single Address Match Response. An example of how the above fields will be returned is below.

SANO = 23

Deleted: HOUSE-NUM
23 STREET-NAME1
MAIN THOROUGHFARE ST
HOUSE-NUM-SUFFIX AHN

SASN = MAIN**SATH = ST****SASF = AHN**

The GSG Summary Response will provide the range of addresses with the HOUSE-
NUM-LOW & HOUSE-NUM-HI fields. This is provided to assist in reaching a Single
Address Match Response. The range provided could be an AHN or an actual house
number. The AHN-STATUS value indicates which is being returned.

Subsequent Telephone Number Reservation

When the CLEC submits a subsequent TNAQ to get additional Telephone Numbers, the
CLEC needs to use the LSO of the original Telephone Number reserved on the initial
TNAR, rather than the information received from the AVQ. This is to avoid the
possibility of getting Telephone Number(s) from the other switch in a CO that has
multiple switches. The NPANXX information provided on the AVR is "switch of the
day information," which is random.

Requesting Customer Service Record

When the CLEC attempts to submit a Customer Service Records request, and the
electronic Pre-ordering system is not available, the CLEC may submit a request
manually.

CRB: 4730v0
CCP: 2243
LOH-ELMS6 Pre Order for TAG Basic Pre-Order Functions

TAG Basic Pre-Order Functions

The basic pre-order function section provides matrices of the various basic pre-order transactions offered at BellSouth. The matrices are divided into categories of either queries or responses. The matrices provide a list of the various fields utilized within BellSouth to perform a specific pre-order transaction; additionally the matrix will indicate the usage of a particular field as it applies to a specific transaction.

BellSouth defines query usage as:

- **R = Required** - When the query matrix indicates the field is required for a specific transaction; the field must be populated in order to successfully complete the transaction. The field may not be required for every Transaction for example:(Address Validation by Address does not require WTN to be populated on the query, however Address validation by TN requires the WTN field be populated)
- **C = Conditional** - When the query matrix indicates the field is conditional for a specific transaction; this means that when a specified condition is met the field either becomes required or becomes prohibited. The specified conditions should be identified in the data dictionary for the specific field.
- **O = Optional** - When the query matrix indicates the field is optional for a specific transaction; this means CLEC has the option of populating the field or leaving the field blank; however if the field is populated the system will edit the field.
- **Not Applicable (hyphen within matrix)** - Fields that are not applicable for a specific transaction will be populated with a hyphen in the matrix, populating a field that is not applicable may result in a reject/clarification of the pre-ordering transaction.

BellSouth defines response usage as:

Deleted: query

- **A = Always Returned** – When the response matrix indicates an A the data will be always be returned on the response.
- **M = May Be Returned** - When the response matrix indicates an A the data on this response may be return if there is data for that field in the BST
- **Not Applicable (hyphen within matrix)** – Fields that are not applicable for a specific response transaction will be populated with a hyphen in the matrix, these field will never be returned on that response.

TAG: Common Header Fields

TAG uses these fields for all query and response types. Not all of these fields are documented in the Pre-Ordering Query / Response matrices or the Data Dictionary. See TAG XML DOCUMENTATION for a detailed explanation of each field usage: http://www.interconnection.bellsouth.com/oss/tag/tag_info.html

Common Header Fields – All Pre-Order Queries		
Field Name	Description	Data Characteristics
CC	Company Code	4 alpha/numerics
CLEC_APPL_ID	CLEC Application ID	Up to 64 alpha/numerics
CLEC_APPL_PSWD	CLEC Application Password	Up to 32 alpha/numerics
CLEC_ID	CLEC Identifier	Up to 16 alpha/numerics
CLEC_USER_ID	CLEC User Id	Up to 64 alpha/numerics
D_TSENT	Date Sent	8 numerics
DATA_SOURCE	Data Source	Up to 3 alpha/numerics
EDI_DATA	EDI Data	Up to 50 alpha/numerics
GS_PARTNERID	CLEC ID	Up to 15 alpha/numeric
ISA_PARTNERID	Interexchange Sender ID	Up to 15 alpha/numeric
MESSAGE_KEY	Message Key	Up to 55 alpha/numeric
TEST_PROD_INDICATOR	Test / Production Indicator	1 alpha
TIME_SENT	Time Sent	6 – 9 numerics
TRANS_CLS	Transaction Class	1 alpha/numeric
TRX_NAME	Transaction Name	
TXACT	Transaction Activity	1 alpha
TXNUM	Transaction Number	Up to 16 alpha/numerics
TXTYP	Transaction Type	1 alpha

Common Header Fields – All Pre-Order Responses		
Field Name	Description	Data Characteristics
CC	Company Code	4 alpha/numerics
CDTSENT	Confirmation Date and Time Sent	8 numerics
CLEC-APPL-ID	CLEC Application ID	Up to 64 alpha/numerics
CLEC-ID	CLEC Identifier	Up to 16 alpha/numerics
CLEC-USER-ID	CLEC User Id	Up to 64 alpha/numerics
D_TSENT	Date Sent	8 numerics
DATE_STORED	Date Stored in DOM	8 numerics
EDI_DATA	EDI Data	Up to 50 alpha/numerics
GS_PARTNERID	CLEC ID	Up to 15 alpha/numeric
ISA_PARTNERID	Interexchange Sender ID	Up to 15 alpha/numeric
MESSAGE_KEY	Message Key	Up to 55 alpha/numeric
MSG_ID	Message ID	Up to 14 alpha/numerics
MSG_TEXT	Message Text	Up to 264 alpha/numerics
ORDNO	DOM Order Number	Up to 20 alpha/numerics
STATUS	Status	Up to 2 alpha/numerics
SYSTEM	System Identifier	Up to 14 alpha/numerics
TEST_PROD-INDICATOR	Test / Production Indicator	1 alpha
TIME_SENT	Time Sent	6 – 9 numerics
TIME_STORED	Time Stored in DOM	9 numerics

Common Header Fields – All Pre-Order Responses		
Field Name	Description	Data Characteristics
TRANS_CLS	Transaction Class	1 alpha/numeric
TRANSACTION_SET_ID_CODE	Transaction Set Identifier Code	3 alpha/numerics
TRX_NAME	Transaction Name	
TXACT	Transaction Activity	1 alpha
TXNUM	Transaction Number	Up to 16 alpha/numerics
TXTYP	Transaction Type	1 alpha

CRB: 4730v0
CCP: 2243
LOH-ELMS6 Pre Order for EDI Interface

EDI Interface

General Information

EDI is a computer-to-computer exchange of business documents in a standard format over a communications path. EDI requires the use of industry guidelines that define the format and the data content of the business transaction. This permits properly configured computers to clearly understand the transaction expected and the data necessary to conduct that transaction. Trading partners (i.e.: BellSouth and the CLEC) must define the business information and supported standards that are necessary to transact business. This information is then encoded to fit a standard EDI transaction set for data transmission. Currently, BellSouth's EDI gateway supports guidelines applicable to pre-ordering and ordering. For more information about these guidelines and the communication requirements, the CLEC should review the *BellSouth EDI Specifications Guide* at the Web site address listed below or contact its Account Team Representative:
<http://www.interconnection.bellsouth.com>

Helpful Hints

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Search Level Processing

The Address Validation Transaction initially establishes the Search Area. Once the Search Area has been established, then the address level data is searched.

Once the Search Area has been established, address level data is searched. Search Area data is defined as City & State or State & Zip. Additionally, a 10-digit dialable telephone number is used to determine the Search Area.

Once the community (search area) has been identified, the Address Validation Transaction will search for all the matching communities that contain the address data. If more than one community is found, then a list of valid communities is returned.

If only one community is found, then the Address Validation Transaction searches for an exact match on the street and range. If more than one street matches, then a menu with the valid streets is returned.

Telephone Level Searching

If a telephone number (WTN) is input, without other Search Area information, a search is performed to locate the address that contains the specified WTN.

If more than one address is found for the WTN, then a menu is returned with the valid addresses with the WTN & status indicating working or non-working.

Multiple Search Areas

If more fields are input than are required to establish a Search Area, the following hierarchy is used to establish the Search Area:

- If a telephone number is input (along with city, state, zip), the telephone number is the Search Area used. If the telephone number is not found, then the other Search Area fields are used: City & State, State & Zip.
- If city, state and zip are input, zip is ignored and city and state are used. If city is not found, the state and zip are used.

NPANXX vs. NPATTA

The NPANXX is one of the available area code(s) & exchanges of a geographic zone. The NPATTA is the parent area code & exchange of a geographic zone. An NPATTA will equate to several NPANXXs within a geographic area. The NPATTA is returned on the Address Validation response for a matched address. NPANXX and NPATTA are interchangeable for Appointment Availability Transaction and Address Validation Transaction.

CLLI

The CLLI is an 8 or 11 alpha/numeric code that identifies the switch. The Address Validation response returns an 8 alpha/numeric code while the Service Availability & Telephone Number Selection/Reservation response return an 11 alpha/numeric code. The 8 alpha/numeric code identifies the switch while the 11 alpha/numeric code identifies a specific switch.

AHN

An AHN number will only be returned on a Single Address Match Response. The AHN number will appear in the SANO field and SASF field will have "AHN" as the returned data. The AHN-STATUS field is not returned on the Single Address Match Response. An example of how the above fields will be returned is below.

SANO = 23

Deleted: HOUSE-NUM
23 . STREET-NAME1
MAIN . THOROUGHFARE ST
. HOUSE-NUM-SUFFIX AHN

SASN = MAIN**SATH = ST****SASF = AHN**

The GSG Summary Response will provide the range of addresses with the HOUSE-
NUM-LOW & HOUSE-NUM-HI fields. This is provided to assist in reaching a Single
Address Match Response. The range provided could be an AHN or an actual house
number. The AHN-STATUS value indicates which is being returned.

Subsequent Telephone Number Reservation

When the CLEC submits a subsequent TNAQ to get additional Telephone Numbers, the
CLEC needs to use the LSO of the original Telephone Number reserved on the initial
TNAR, rather than the information received from the AVQ. This is to avoid the
possibility of getting Telephone Number(s) from the other switch in a CO that has
multiple switches. The NPANXX information provided on the AVR is "switch of the
day information," which is random.

Requesting Customer Service Record

When the CLEC attempts to submit a Customer Service Records request, and the
electronic Pre-ordering system is not available, the CLEC may submit a request
manually.

CRB: 4730v0**CCP: 2243****LOH-ELMS6 Pre Order EDI - Basic Pre-Order Functions**

EDI - Basic Pre-Order Functions

The basic pre-order function section provides matrices of the various basic pre-order transactions offered at BellSouth. The matrices are divided into categories of either queries or responses. The matrices provide a list of the various fields utilized within BellSouth to perform a specific pre-order transaction; additionally the matrix will indicate the usage of a particular field as it applies to a specific transaction. Note: This section also applies to the EDI Firm Order Queries and Responses.

BellSouth defines query usage as:

- **R = Required** - When the query matrix indicates the field is required for a specific transaction; the field must be populated in order to successfully complete the transaction. The field may not be required for every Transaction for example:(Address Validation by Address does not require WTN to be populated on the query, however Address validation by TN requires the WTN field be populated)
- **C = Conditional** - When the query matrix indicates the field is conditional for a specific transaction; this means that when a specified condition is met the field either becomes required or becomes prohibited. The specified conditions should be identified in the data dictionary for the specific field.
- **O = Optional** - When the query matrix indicates the field is optional for a specific transaction; this means CLEC has the option of populating the field or leaving the field blank; however if the field is populated the system will edit the field.
- **Not Applicable (hyphen within matrix)** - Fields that are not applicable for a specific transaction will be populated with a hyphen in the matrix, populating a field that is not applicable may result in a reject/clarification of the pre-ordering transaction.

BellSouth defines response usage as:

Deleted: query

- **A = Always Returned** – When the response matrix indicates an A the data will be always be returned on the response.
- **M = May Be Returned** - When the response matrix indicates an A the data on this response may be return if there is data for that field in the BST
- **Not Applicable (hyphen within matrix)** – Fields that are not applicable for a specific response transaction will be populated with a hyphen in the matrix, these field will never be returned on that response.

Customer Service Records (CSR)-This section provides the information needed to successfully request a copy of a CSR; additionally this section provides a high-level mapping matrix to assist in translating information from the CSR to a firm order LSR request.

BellSouth offers two ways to retrieve CSR information:

- Non-Parsed (Returned in an un-fielded format)
- Parsed (Returned in a combination of fielded and un-fielded format)

EDI - Common Header Fields

These fields are used in all query and response types. These fields are not populated by the user on a per transaction basis but are established in the CLEC turn up process, which can be found on the following website:

<http://www.interconnection.bellsouth.com>

Field Name	Description	Query	Response
CLEC-ID	CLEC Identifier	R	A
CLEC-APPL-ID	CLEC Application ID	R	A
CLEC APPL-PSWD	CLEC Application Password	R	-
CLEC-USER-ID	CLEC User Id	R	A

Deleted: Key to Query and Response Tables

Query Key:

R = Required

C = Conditional (see data dictionary for condition)

O = Optional

- = N/A (Should not be input on this Query)

Response Key:

A = Always returned on this response

M = May be returned on this response if data in BST systems

- = N/A on this response (Will never be returned)

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CRB: 4730v0**CCP: 2243****LOH-ELMS6 Pre Order LENS - Customer Service Records (CSRs)
Explanations*****LENS - Customer Service Records (CSRs) Explanations***

Through LENS, BellSouth Pre-order provides the CLEC with two ways in which to request a Customer CSR as follows:

- View the Customer Record (Single)
- View Multiple Customer Records

To obtain the ability to view customer service records for your end users and for any non-restricted BellSouth accounts, you must submit a letter of authorization to BellSouth. Your account will then be updated with the **View Customer Record** functionality on the Inquiry menu and other LENS screens.

To get information on viewing customer records for restricted BellSouth accounts, you must fax the individual letter of authorization to the appropriate Local Carrier Service Center.

LENS - View Customer Record Inquiry

This inquiry is used to View the Customer Service Records (CSRs) of the CLECs own current end users and BellSouth's non-restricted accounts, including credit history, using either a 10-digit account number a 10-digit miscellaneous account number, a complete circuit number, or a partial circuit number.

LENS - View Customer Record Response

The data returned is unparsed data and includes the following CSR sections.

Refer to the LENS Users Guide for section explanations:

http://www.interconnection.bellsouth.com/guides/lens_tafi/pdf/glens001.pdf

- IDENT / LIST
- DIR/BILL
- SERVICE AND EQUIP
- PORTED OUT LINES
- RELATED ACCOUNTS
- BILLING TRANSFERS
- COMPLETED ACTIVITY

- REMARKS
- DPA/CKL LIST
- SLA LISTINGS
- HUNTING LIST
- LEFTHAND FIDS
- COMPLETED ACTIVITY

Local Service Itemization (LSI)

The user can click **View Products and Services** from the CSR screen to view the Local Service Itemization (LSI). This itemization provides information on a customer's current local service, such as billed name and a summary of the customer's products and services. The LSI also shows the LSI rate (in the column marked *Rev*) in states where the Public Service/Utility Commissions have ruled that BellSouth may provide credit history information to CLECs.

Pending Service Order Information

The user can click View Pending Service Order Information from the CSR screen to view pending service orders on the account

Credit History

Information on customer credit history is available for customers in states whose Public Service/Utility Commissions have ruled that BellSouth may provide credit history information to CLECs. Credit history information is currently available for customers located in Alabama and Florida. This information, consisting of Credit Class code, 12 Month Treatment History codes and 12 Month Returned Check History codes, is maintained by BellSouth in its internal operating.

Refer to the LENS Users Guide for Credit History explanations:

http://www.interconnection.bellsouth.com/guides/lens_tafi/pdf/glens001.pdf

Complex Accounts

Complex accounts are accounts with a 5-character class of service. Because of their size, LENS displays a pull down menu from which you can select the section you wish to view. After selecting the section, click **Show Section for Option**. Note: Complex accounts exceeding one megabyte may not be viewed in their entirety.

LENS - View Multiple Customer Record Inquiry

The View Multiple CSRs feature allows you to view up to four CSRs for Non-Complex accounts on a single inquiry. The accounts must be CLECs own current end users and BellSouth's non-restricted accounts, including credit history, using either a 10-digit account numbers or a 10-digit miscellaneous account numbers.

LENS - View Multiple Customer Record Response

A grid of the requested telephone numbers is returned and this allows the user to select which CSR to view. This functionality is for non-complex accounts. If the telephone number you entered is for a complex account, you will receive the message *Please use the View Customer Record options for this Complex Account.*

The data returned is unparsed data and includes the following CSR sections.

Refer to the LENS Users Guide for section explanations:

http://www.interconnection.bellsouth.com/guides/lens_tafi/pdf/glens001.pdf

IDENT / LIST

- DIR/BILL
- SERVICE AND EQUIP
- PORTED OUT LINES
- RELATED ACCOUNTS
- BILLING TRANSFERS
- COMPLETED ACTIVITY
- REMARKS
- DPA/CKL LIST
- SLA LISTINGS
- HUNTING LIST
- LEFTHAND FIDS
- COMPLETED ACTIVITY

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The user can click **View Products and Services** from the CSR screen to view the Local Service Itemization (LSI). This itemization provides information on a customer's current local service, such as billed name and a summary of the customer's products and services. The LSI also shows the LSI rate (in the column marked *Rev*) in states where the Public Service/Utility Commissions have ruled that BellSouth may provide credit history information to CLECs.

Pending Service Order Informationg service orders on the accountCredit History

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The user can click **View Pending Service Order Information** from the CSR screen to view pending

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Information on customer credit history is available for customers in states whose Public Service/Utility Commissions have ruled that BellSouth may provide credit history information to CLECs. Credit history information is currently available for customers located in Alabama and Florida. This information, consisting of Credit Class code, 12 Month Treatment History codes and 12 Month Returned Check History codes, is maintained by BellSouth in its internal operating systems. ¶

Refer to the LENS Users Guide for Credit History explanations:
http://www.interconnection.bellsouth.com/guides/lens_tafi/pdf/glens001.pdf

CCP 2244 Attachment Listed Below

ADD NEW CHAPTER TO the General Local Service Ordering Information section

Resale ISDN ANSA (Alternate Network Serving Arrangement) Agreements**Description:**

ISDN ANSA is a serving arrangement that can be used to expand ISDN capabilities to non-equipped central offices within areas specified by local serving area plans. These arrangements can be used for both ISDN-BRI and ISDN-PRI.

When an end user's central office is not equipped to provide ISDN service, the end user may be served, in accordance with Bellsouth guidelines, from an ISDN equipped central office without incurring interoffice mileage charges with an ISDN ANSA arrangement.

ISDN customers to be served under this arrangement must sign the ANSA Service Agreement RF-10049, that the service will be moved back to the normal ISDN Serving Central Office and incur a probable number change when and if that office is equipped with ISDN BRI or ISDN PRI service.

Ordering Considerations:

When migrating from BST to Resale, or when migrating from Resale to Resale the new LSP may exercise the option to retain the ANSA service arrangement, if the end user's central office is still not ISDN equipped, by signing the ISDN ANSA Service Agreement RF-10049. No service order activity can take place until the new agreement has been signed, this includes ACT W.

Service Restrictions:

ISDN ANSA Arrangements do not apply to UNE/UNE-P or WLP services.

LSR Restrictions:

- If the migrating account has an ISDN ANSA arrangement and ANSA is no longer a valid service option as determined by the CRSG the LSR must be submitted as ACT=V
- All ISDN ANSA account activity must be processed by the CRSG prior to submitting to the LCSC.

Service Order Restrictions:

None

Tariff References:

None

USOC / FID Reference:

With ANSA, all interoffice mileage USOCS are replaced with one no-rated USOC. In the case of ISDN-BRI, the USOC is 2LHLL, for ISDN-PRI the USOC is 2LHLM.

Situations / Exhibits:

ISDN ANSA arrangements when present are formatted in the S&E section of the CSR. Below are the examples of how the information is formatted on the CSR.

Example:**ISDN BRI**

---S&E
2LHLL

ISDN PRI

---S&E
2LHLM

To determine if an end user is being served by an ISDN ANSA serving arrangement, the CLEC should obtain copies of the existing CSR and check for the above mentioned USOCS. If they are present on the CSR, the CLEC will need to submit all order activity to the CRSG. The CLEC must submit the signed ISDN ANSA Service Agreement RF-10049 in addition to the LSR EU and product specific ordering document if required based on ACT Type. The CRSG will verify that the ANSA service arrangement is still valid and forward to the LCSC for service order issuance.

If the end users central office is now equipped to provide ISDN service the customer must now be served from that central office and incur a probable number change. Should the end user desire to keep the existing telephone numbers, they are required to start paying interoffice mileage charges associated with a FCO or FX arrangement.

Related Topics / Information:

None

CCP 2245 Attachment Listed Below

CRB: 4732
CCP: 2245
(was) **Feature: 35996**

LOH-ELMS6 Ordering for REQ TYP E Non-Complex Hunting

Hunting

Product Listing

Hunting

Hunting Service, also known as Grouping and Rotary Service, is a feature offered to Residence or Business customers who have more than one (1) line arranged for incoming calls at the same location. When an incoming call is generated to a line that is busy, the call flows to the next line in the Hunting Group. Hunting provides maximum utilization of lines to handle incoming calls and prevent unnecessary busy signals.

Series Completion and Multi-line Hunting are the two basic types of Hunting. Both types of hunting provide the same basic functions. The primary difference in the two types is the number of telephone numbers required to provide the service. Series Hunting requires each line to have a unique Telephone Number. Series Hunting is normally offered to customers with less than 16 lines. Multi-line Hunting arrangements require just one Telephone Number for the entire group. Each line in a Multi-line Hunting Group is assigned a Group Identifier and a Terminal Number along with the Telephone Number to provide a unique identifier. Customers with 17 or more lines in a Hunting arrangement are typically offered Multi-line Hunting to minimize the number of telephone numbers required to provide the service.

Hunting Group Activities

Hunting is an optional feature that is only valid for specific account level activities within this REQ TYP. The following chart shows what Hunting Group Level Activities (HA) are valid for each of the Account Level Activities within this requisition type. The five valid Hunting Group Level Activities (HA) are:

- N** = New Hunt Group
- E** = Existing Hunt Group / No Change (Valid for Manual and Electronic Orders)
- C** = Change to Existing Hunt Group
- D** = Delete / Remove Hunt Group Arrangement

Deleted: NOT POPULATED (No Hunting Page Submitted Electronically) = Existing Hunt Group / No Change (Valid for Electronic Orders Only)
Note: NOT POPULATED (No Hunting Page submitted) is valid for Electronic Ordering Only when keeping the existing Hunt Group Arrangement(s). Prohibited for Manual ordering.

If ACT is:	And Migration Indicator is:	Then Hunting Group Activity (HA) is:
N	N/A	N
C	N/A	N, E, C or D
D	N/A	Prohibited
T	N/A	N
R	N/A	Prohibited
V	MI=A	N
V	MI=B	N or D
V	MI=C	N, E, C, or D
V	MI = D	N, E, C or D
S	N/A	Prohibited
B	N/A	Prohibited
W	N/A	Prohibited
L	N/A	Prohibited
Y	N/A	Prohibited

Deleted: or NOT POPULATED
(No Hunting Page Submitted Electronically if Keeping Existing Hunt Group(s))

Hunting Line Activities by Hunting Group Activity

Additionally, each Hunt Group Activity (HA) has valid Hunting Line Activities (HLA). The valid Hunting Line Activities are:

- N** = New/Install
- E** = Existing/No Change
- D** = Disconnect/Delete

The following chart shows what HLAs are valid for each HA.

If HA is:	Then Hunting Line Activity (HLA) is:
N	N
E	E
C	N, E or D
D	Prohibited

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(NO Hunting Page Submitted Electronically) ... [2]

Note: The HLA is required for each Telephone Number in the Hunt Sequence when HA = C.

Hunting is an OPTIONAL feature. The following tables apply only to CLECs retaining *existing* Hunt Group(s), creating, modifying or removing Hunt Groups. If Hunting is not involved, these tables do not apply.



Attachment
SN91085131

The following tables will provide the Required, Conditional and Optional (R/C/O) fields for the LSR form/screen for every valid Hunt Group Activity for this requisition type. Refer to the Hunt Group Activity section for a listing of the valid HAs for each account level activity (ACT).

CRB: 4732
CCP: 2245
(was) **Feature: 35996**

Should have been worked with Feature 35996
LOH-ELMS6 Ordering for REQ TYP F Hunting Hunting

Hunting

Product Listing

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The following chart shows what HLAs are valid for each HA.

If HA is:	Then Hunting Line Activity (HLA) is:
N	N
E	E
C	N, E or D
D	Prohibited

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(NO Hunting Page Submitted Electronically)

... [31]

CRB: 4732
CCP: 2245
(was) **Feature: 35996**

Should have been worked with Feature 35996
LOH-ELMS6 Ordering for REQ TYP M Non-Complex Hunting

Hunting

Product Listing

Hunting

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Hunting Group Activities

Hunting is an optional feature that is only valid for specific account level activities within this REQ TYP. The following chart shows what Hunting Group Level Activities (HA) are valid for each of the Account Level Activities within this requisition type. The five valid Hunting Group Level Activities (HA) are:

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N	N/A	N
C	N/A	N, E, C or D
D	N/A	Prohibited
T	N/A	N
R	N/A	Prohibited
V	MI=A	N
V	MI=B	N or D
V	MI=C	N, E, C, or D
V	MI=D	N, E, C or D
S	N/A	Prohibited
B	N/A	Prohibited
W	N/A	Prohibited
L	N/A	Prohibited
Y	N/A	Prohibited

Deleted: or NOT POPULATED
(No Hunting Page Submitted Electronically if Keeping Existing Hunt Group(s)).

Hunting Line Activities by Hunting Group Activity

Additionally, each Hunt Group Activity (HA) has valid Hunting Line Activities (HLA). The valid Hunting Line Activities are:

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- E** = Existing/No Change
- D** = Disconnect/Delete

The following chart shows what HLAs are valid for each HA.

If HA is:	Then Hunting Line Activity (HLA) is:
N	N
E	E
C	N, E or D
D	Prohibited

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(NO Hunting Page Submitted Electronically)

Note: The HLA is required for each Telephone Number in the Hunt Sequence when HA = C.

Hunting is an OPTIONAL feature. The following tables apply only to CLECs retaining *existing* Hunt Group(s), creating, modifying or removing Hunt Groups. If Hunting is not involved, these tables do not apply.



Attachment
SN91085131

The following tables will provide the Required, Conditional and Optional (R/C/O) fields for the LSR form/screen for every valid Hunt Group Activity for this requisition type. Refer to the Hunt Group Activity section for a listing of the valid HAs for each account level activity (ACT).

CCP 2246 Attachment Listed Below

Web post on Product & Services web page:

<http://www.interconnection.bellsouth.com/guides/html/usoc.html>

Centrex FIDs document url:

<http://www.interconnection.bellsouth.com/guides/usoc/html/FIDS-ctx.html>

[This is a complete replacement of the existing table.]

BellSouth Centrex FIDs

Standard Selectable Features with required FIDs

1A Standard Selectable Features that require FID information from CLEC

Feature	USOC	FID	Format
Automatic Line/Direct Connect	M4BAC	HLN	Followed by a seven or ten digit number. If the number is long distance the format should be a ten digit number preceded by a 1 (one).
Call Forward Don't Answer	M4NFC M4NFC CENLK M4NPF	CFND/RCYC	Consists of the actual digits the subscriber dials to reach the forward number
Call Forward Busy Line-Fixed	CENLA M4JFC	CFNB	Consists of the actual digits the subscriber dials to reach the forward number
Call Forwarding Multiple Simultaneous	M2JR4	SFG, GSZ info provided by Bellsouth	Must provide number between one (1) and ten (10), indicating the number of calls to be forwarded simultaneously. Maximum paths=ten (10)
Call Pickup	M4UBC	CPG	Group Number is

			indicated by one or two digits. when a number is in more than one group the same formatting is required and the group is separated by a comma.
Speed Calling Long	M3YAA M3Y30	SCG	Floated Group Numbers one to ninety-nine (1-99) may be used

5ESS Standard Selectable Features that require FID information from the CLEC

Feature	USOC	FID	Format
Automatic Line/Direct Connect	M4BAC	HLN	Followed by a two to twenty-three characters consist of actual digits dialed. If the number is long distance the format should be a ten digit number preceded by a 1 (one), and separated by a comma.
Call Forward Don't Answer	M4NFC M4NFC CENLK M4NPF	CFND/RCYC	Consists of the actual digits the subscriber dials to reach the forward number
Call Forward Busy Line-Fixed	CENLA M4JFC	CFNB	Consists of the actual digits the subscriber dials to reach the forward number
Call Forwarding Multiple Simultaneous	M2JR4	SFG, GSZ info provided by Bellsouth	CLEC must provide number between two (2) and ten (10), indicating the number of calls to be forwarded simultaneously. Maximum paths=ten (10)
Call Pickup	M4UBC	CPG	Group Number is indicated by a one or two digit number. When a number is in more than one group the same formatting is required and the groups should be separated by a comma.
Speed Calling Long - Per Controlling Line (30-number shared)	M3Y30	SCG	SCG – followed by TN of controlling station link
Speed Calling Long - Per Additional Line	M3YAA	SCG	
Speed Calling Long -		SCG	SCG – followed by TN

Per Controlling Line (40-number list)	M3Y40		of controlling station link
Speed Calling Long - Per Controlling Line (50-number list)	M3Y50	SCG	SCG – followed by TN of controlling station link
Speed Calling Long - Per Controlling Line (60-number list)	M3Y60	SCG	SCG – followed by TN of controlling station link
Speed Calling Long - Per Controlling Line (70-number list)	M3Y70	SCG	SCG – followed by TN of controlling station link
Speed Calling Long - Per Controlling Line (80-number list)	M3Y80	SCG	SCG – followed by TN of controlling station link
Station Restriction - Full Denied Origination	M5ROC	TGS ₂	<p>2Station Restrictions are done showing data following the FID TGS after the station link. This data may have three elements:</p> <p style="text-align: center;">Character</p> <p>Definition</p> <p>FID</p> <p>***1st***</p> <p>Originating Station Restriction</p> <p>U = Unrestricted</p> <p>F = Fully</p> <p>S = Semi</p> <p>***2nd ***</p> <p>Termination Station Restriction</p> <p>U = Unrestricted</p>
Station Restriction - Full Denied Termination	M5LTC	TGS ₂	
Station Restriction - Full Incoming	M3RC2	TGS ₂	
Station Restriction - Full Incoming and Outgoing	M3RF2	TGS ₂	
Station Restriction - Full Outgoing	M3RG2	TGS ₂	
Station Restriction - Semi-incoming	M3RH2	TGS ₂	
Station Restriction - Semi-Incoming and Outgoing	M3RJ2	TGS ₂	
		TGS ₂	

Station Restriction - Semi-Outgoing	M3RK2		F = Fully S = Semi ***3 rd *** Error Treatment - Optional T = Tone A = Announcement N = Overflow Number
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DMS Standard Selectable Features that require FID information from the CLEC

Feature	USOC	FID	Format
Automatic Line/Direct Connect	M4BAC	AUL	FID AUL followed by the destination number. The destination number can be an internal or external number. The FID data can be 1-23 characters. Characters * and # are <u>not</u> allowed.
Call Forward Don't Answer	M4NFC M4NFC CENLK M4NPF	CFND/RCYC	Consists of the actual digits the subscriber dials to reach the forward number. RCYC can be 2-5
Call Forward Busy Line-Fixed	CENLA M4JFC	CFNB	Consists of the actual digits the subscriber dials to reach the forward number
Call Forwarding Multiple Simultaneous	M2JR4	SFG, GSZ info provided by Bellsouth	The FID CFSO is required. The values that will follow this FID is one of the code sets below NCFU: Number of Calls to be forwarded through call forwarding variable NCFB: Number of Calls to be forwarded through call forwarding busy NCFD: Number of Calls to be forwarded through call forwarding don't answer.
Call Pickup	M4UBC	CPG	The CPG is indicated by the ten digit host telephone number. Data following the CPG fid must be ten digits. When a number is in more than one group the same formatting is required and the group is

			separated by a comma.
Speed Calling Long	M3YAA M3Y30	SCG	The data following will include the telephone number of the controlling station link.
Call Transfer	CENDS	CXRO (originating), CXRT (terminating)	Data following both FIDs are: AC: Calls to attendant Inter: Intergroup. Intra: Intragroup Trater: Inter or Intragroup NOCXFER : No Call Transfer
Call Transfer	CENDS	CXRR	The code set following this FID is: Y = Yes N = No 12 to 120 = # of seconds
Calling Name Display	M2NDD	CNDI	First 1-15 characters represent the calling Name

DCO Standard Selectable Features that require FID information from CLEC

Feature	USOC	FID	Format
Automatic Line/Direct Connect	M4BAC	HLN	Followed by a seven or ten digit number. If the number is long distance the format should be a ten digit number preceded by a 1 (one).
Call Forward Don't Answer	M4NFC M4NFC CENLK M4NPF	CFND/RCYC	Consists of the actual digits the subscriber dials to reach the forward number
Call Forward Busy Line-Fixed	CENLA M4JFC	CFNB	Consists of the actual digits the subscriber dials to reach the forward number
Call Forwarding Multiple Simultaneous	M2JR4	SFG,GSZ info provided by Bellsouth	Must provide number between one (1) and ten (10), indicating the number of calls to be forwarded simultaneously. Maximum paths = ten (10)
Call Pickup	M4UBC	CPG	Group Number can be one or two digits. When a number is in more than one group the same formatting is required and the group is separated by a comma. Note: In a MultiLine Hunt Group, Call Pick-Up is allowed on Terminal 1 only
Speed Calling Long	M3YAA M3Y30	SCG	Floated Group Numbers one to ninety-nine (1-99) may be used

EWSD Standard Selectable Features that require FID information from CLEC

Feature	USOC	FID	Format
Automatic Line/Direct Connect	M4BAC	HLN	<p>Data following is actual digits dialed, 2-23 characters.</p> <p>The #(pound sign) is allowed when a customer has assumed dial 9 and the number is within the Centrex.</p> <p>A space must be between the # and TN following the FID HLN.</p> <p>A 7 digit TN is allowed within the Centrex.</p> <p>Where 9+1 is required to dial a long distance number the data must be separated by a comma following the Fid HLN.</p>
Call Forward Don't Answer	M4NFC M4NFC CENLK M4NPF	CFND/RCYC	<p>Data following must be minimum of two characters maximum of 23</p> <p>Must be a 10 digit number (Area Code, NPA,NXX) * and # are allowed to indicate intra-system dialing</p> <p>Must be terminal 1 in a multilane hunt group. In a multilane hunt group allowed on terminal 1 only</p>
Call Forward Busy Line-Fixed	CENLA M4JFC	CFNB	Data following must be minimum of two characters maximum of

			<p>23</p> <p>Must be a 10 digit number (Area Code, NPA,NXX) * and # are allowed to indicate intra-system dialing</p> <p>Must be terminal 1 in a multilane hunt group. In a multilane hunt group allowed on terminal 1 only</p>
Call Forwarding Multiple Simultaneous	M2JR4	SFG,GSZ info provided by Bellsouth	<p>The GSZ is followed by a numeric character between 1 & 10 indicating the number of calls to be simultaneously forwarded. Maximum number of paths allowed is 10.</p>
Call Pickup	M4UBC	CPG	<p>Group Number is indicated by one or two digits. when a number is in more than one group the same formating is required and the goup is seperated by a comma. Note: In a multilane hunt group call pickup is allowed on terminal 1 only.</p>
Speed Calling Long	M3YAA M3Y30	SCG	<p>The data following SCG should be 7-10 digit TN (no hyphen)</p>

Page 14: [1] Deleted		Licensed User		6/7/2005 3:11 PM
CCSRQ	CABS Customer Service Record Query	Yes	No	No
CCSRR	CABS Customer Service Record Response	Yes	No	No

Page 34: [2] Deleted		Licensed User		6/7/2005 10:56 AM
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