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**BellSouth Interconnection Services**

675 West Peachtree Street  
Atlanta, Georgia 30375

**Carrier Notification****SN91084152**

Date: July 14, 2004

To: Competitive Local Exchange Carriers (CLEC)

Subject: CLECs – (Documentation/Guides) - Update to the BellSouth Local Ordering Handbook (LOH) Version **16.0a** for Telecommunications Industry Forum 9 (TCIF 9) Release 16.0

This is to advise that BellSouth has identified the following documentation defects in the LOH Version **16.0a** for TCIF 9 Release 16.0.

<b>CCP Number</b>	<b>Description Of The Change</b>
1913	Changed data characteristics for LTN field (manual input) to allow customer to input 3 numerics (for 911 listing). Updated to add changes for NSTN field to add manual process to align with manual process for LTN field
1930	Updated Designed Loop Section 3.2 to remove note regarding Non-Designed Loops
1931	The DSO and ISDN Capable Loop ACT Tables were updated to reflect an entry for ACT W and a note to reference the CLEC to CLEC documentation
1933	Modified data dictionary for TCIF 9 and ELMS 6 to remove the restrictions surrounding LSF for Tennessee
1934	Modified LOCNUM DETAIL in R/C/O at line level
1935	Modified DDD field for Bulk ordering

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

These changes will be reflected in the next update of the TCIF 9 Release 16.0/LOH Version **16.0b** scheduled to be posted July 26, 2004.

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 1913 Attachment Listed Below****Changes for TCIF9 Data Dictionary****LTN – Listing Telephone Number****DL Form/Screen**

16.0B(TCIF9 / LSOG4 map)

*CRB Issues included: None****Definition:***

Indicates the telephone number to be placed in the directory and quoted in Directory Assistance (DA) as appropriate based on LTY, RTY, and STYC field entries.

***Definition Notes:***

None

***Valid Entries:***

None

***Valid Entry Notes:***

N or numerics

***Data Characteristics:***

Manual: 10 numeric characters (excluding optional hyphens) or 3 numeric characters or 1 alpha

Electronic: 10 numeric characters

***Examples:***

Manual: 2019813500 or 201-981-3500 or N

Electronic: 2019813500

***Conditional Usage Notes:***

Note 1: Prohibited when the RTY data is FCR, or LCR.

Note 2: When the RTY data is not FCR, LCR, or LSP, the LTN is required, if LACT = N, D, I or Z..

***Business Rules***

Rule 1: When the NSTN field on the DL form/screen is a stylist number, the numeric equivalent is required in this field.

Rule 2: When valid entry of " Z " is indicated in the LACT field on the DL form/screen, the telephone number in the LTN field on the DL form/screen must have an identical telephone number on one of the following forms/screens:

Form/Screen.....	Field
Number Portability (NP).....	Ported #
Loop Service w/Number Portability (LSNP).....	Ported #
Resale:.....	TNS

## **NSTN – Non Standard Telephone Number**

### **DL Form/Screen**

16.0B(TCIF9 / LSOG4 map)

*CRB Issues included: None*

#### **Definition:**

Identifies a telephone number which is not in the standard North American Numbering Plan format, (e.g., stylist numbers, N11 service (e.g., 911, 611)).

#### Definition Notes:

None

#### **Valid Entries:**

None

#### Valid Entry Notes:

None

#### **Data Characteristics:**

Manual: 18 alpha/numeric characters (excluding optional hyphens) or  
20 alpha/numeric characters (including optional hyphens) or  
3 numeric characters

Electronic: Up to 20 alpha/numeric characters

#### **Examples:**

414-227-HELP

#### **Conditional Usage Notes:**

None

#### **Business Rules**

Rule 1: When NSTN is a stylist number, (e.g., 414-227-HELP) the numeric equivalent is required in the LTN field.

Rule 2: Stylist Listings are permitted for both Residence and Business accounts.

Rule 3: Stylist Listings may not be available in all areas (check state specific tariffs).

Rule 4: Stylist Listings may be published in the directory with a combination of both alpha and numeric versions. Alpha characters will print in upper case.

Rule 5: Only the numeric version of a Stylist Listing is available from Directory Assistance.

Rule 6: Stylist Listings may not contain the letters Q or Z.

Rule 7: Stylist Listings may not contain the # or \* symbols.

Rule 8: The numeric 0 may not be substituted for alpha " O " in Stylist Listings.

Rule 9: The numeric 1 may not be substituted for alpha " I " in Stylist Listings.

Rule 10: The published appearance of NPA (e.g., 404, 770) must be numeric, and when both alpha and numeric versions are printed, one version must include the phrase "Also Dialed As" at one degree of indentation greater than the preceding version.

Rule 11: Q, Z, #, and \* are prohibited on this field.

## CCP 1930 Attachment Listed Below

### Analog Design Loop - ELMS 6

#### Product Listing

#### Analog, Voice, Designed Loop

Two-wire designed loops support only circuits requiring Plain Old Telephone Service (POTS) configurations in one direction. Four-wire loops support circuits requiring POTS configurations and circuits requiring different configurations as well. Four-wire loops provide two paths for the transmission of signals. Each path transmits signals in one direction only. These loops are said to be "designed" because the CLEC can specify the type of signaling on the loop. In addition to the signaling options supported by a two-wire loop, a four-wire loop will support duplex signaling.

#### Ordering Forms/Screens

The following chart illustrates the required, conditional and optional forms/screens for ordering this service. Detailed information will follow to assist you in filling out each of these forms/screens.

Forms/Screens										
Analog, Voice, Designed Loop										
LSR	Hunting	EU	DL	RS	DRS	PS	NP	LS	LSNP	RPL
R		R	*					R**		
R = Required C = Conditional O = Optional										

\* EFFECTIVE 08/01/00: Listings may no longer be submitted with a REQ TYP A request. Listings must be submitted separately using REQ TYP J. This change will align the manual process with the existing electronic process.

~~\*\* LOOP SERVICE form is not required when ordering a complete disconnect on a Non-Designed Loop.~~

**Analog Design Loop – TCIF 9**

Product Listing

Analog, Voice, Designed Loop

Two-wire designed loops support only circuits requiring Plain Old Telephone Service (POTS) configurations in one direction. Four-wire loops support circuits requiring POTS configurations and circuits requiring different configurations as well. Four-wire loops provide two paths for the transmission of signals. Each path transmits signals in one direction only. These loops are said to be "designed" because the CLEC can specify the type of signaling on the loop. In addition to the signaling options supported by a two-wire loop, a four-wire loop will support duplex signaling.

Ordering Forms/Screens

The following chart illustrates the required, conditional and optional forms/screens for ordering this service. Detailed information will follow to assist you in filling out each of these forms/screens.

Forms/Screens										
Analog, Voice, Designed Loop										
LSR	Hunting	EU	DL	RS	DRS	PS	NP	LS	LSNP	RPL
R		R	*					R**		
R = Required C = Conditional O = Optional										

\* EFFECTIVE 08/01/00: Listings may no longer be submitted with a REQTYP A request. Listings must be submitted separately using REQTYP J. This change will align the manual process with the existing electronic process.

~~\*\* LOOP SERVICE form is not required when ordering a complete disconnect on a Non-Designed Loop.~~

## CCP 1931 Attachment Listed Below

### *Digital Data Designed Loop (DS0) – TCIF 9 Map*

#### Product Listing

#### Digital, Data, Designed Loop (DS0)

Digital Signal 0. A loop which serves as a medium for simultaneous two-way data transmission between BellSouth's central office and the end user location at a basic digital signaling rate of 64 kb/s.

#### Ordering Forms/Screens

The following chart illustrates the required, conditional and optional forms/screens for ordering this service. Detailed information will follow to assist you in filling out each of these forms/screens.

<b>Forms/Screens</b>										
<b>Digital, Data, Designed Loop (DS0)</b>										
LSR	Hunting	EU	DL	DSCR	RS	DRS	PS	NP	LS	LSNP
R		R	*	*					R**	
R = Required C = Conditional O = Optional										

\* EFFECTIVE 08/01/00: Listings may no longer be submitted with a REQTYP A request. Listings must be submitted separately using REQTYP J. This change will align the manual process with the existing electronic process.

\*\* LOOP SERVICE form is not required when ordering a complete disconnect on a Non-Designed Loop.

#### Completing the DL and DSCR Forms/Screens

If directory listings are required, please refer to **REQTYP J** for more information on completing the DL and DSCR forms/screens.

#### Completing the LSR and EU Forms/Screens

**Account level activities (ACT)** apply to the entire account. A complete list of ACTs and their definition can be found in the Data Dictionary entry for ACT.

The following chart shows all of the valid account level activities for this service.



Valid Account Level Activities Digital, Data, Designed Loop (DS0)												
N	C	D	T	R	V	S	B	W	L	Y	P	Q
X	X	X	X	-	X	-	-	[1]	-	-	X	X
"X" denotes valid account level activities. A dash (-) indicates a non-valid account level activity.												

*[1] Please refer to the section of the LOH for CLEC to CLEC Conversions*

### Digital Designed Loop (Basic Rate ISDN)

#### Product Listing

#### Digital, Designed, Basic Rate ISDN

A network that uses switches and digital transmission paths to establish connections for different services ranging from voice, data, e-mail, and fax. ISDN is composed of a two-wire loop which serves as a medium for the transmission of digital signals at 160 kb/s between BellSouth's central office and the end user location. This loop supports basic rate ISDN but due to the unique transmission requirements of this type of loop, service availability is limited to end user locations where appropriate facilities exist.

#### Ordering Forms/Screens

The following chart illustrates the required, conditional and optional forms/screens for ordering this service. Detailed information will follow to assist you in filling out each of these forms/screens.

Forms/Screens Digital, Designed, Basic Rate ISDN										
LSR	Hunting	EU	DL	DSCR	RS	DRS	PS	NP	LS	LSNP
R		R	*	*					R**	
R = Required C = Conditional O = Optional										

\* EFFECTIVE 08/01/00: Listings may no longer be submitted with a REQ TYP A request. Listings must be submitted separately using REQ TYP J. This change will align the manual process with the existing electronic process.

\*\* LOOP SERVICE form is not required when ordering a complete disconnect on a Non-Designed Loop.

Completing the DL and DSCR Forms/Screens

If directory listings are required, please refer to **REQTYP J** for more information on completing the DL and DSCR forms/screens.

Completing the LSR and EU Forms/Screens

**Account level activities (ACT)** apply to the entire account. A complete list of ACTs and their definition can be found in the Data Dictionary entry for ACT.

The following chart shows all of the valid account level activities for this service.

Valid Account Level Activities Digital, Designed, Basic Rate ISDN												
N	C	D	T	R	V	S	B	W	L	Y	P	Q
X	X	X	X	-	X	-	-	[1]	-	-	X	X
"X" denotes valid account level activities. A dash (-) indicates a non-valid account level activity.												

*[1] Please refer to the section of the LOH for CLEC to CLEC Conversions*

**CCP 1933 Attachment Listed Below****SPEC – Service and Product Enhancement Code****LSR Form/Screen**

16.0B(TCIF9 / LSOG4 map)

*CRB Issues included: None***Definition:**

Identifies a specific product or service offering. SPEC may be applicable for circuit level features and options other than those already identified by the Network Channel (NC) and Network Channel Interface (NCI) codes.

**Definition Notes:**

None

**Valid Entries:**

LSF valid entries are:

Entry Description

EU Add Local Service Freeze (LSF) per end user request

LP Add Local Service Freeze (LSF) per local service provider request

DE Delete Local Service Freeze (LSF)

**Valid Entry Notes:**

NOTE 1: For REQTYPs A, positions 1 - 7 = any alpha character except " I " or any numeric character except " 0 " (zero).

NOTE 2: For REQTYP E and M, LSF Valid Entries (Activity Types = N, C, T, V, P and Q).

**Data Characteristics:**

2 to 7 alpha/numeric characters

**Examples:**

BD1T5AD (UNE)

EU (RESALE)

**Conditional Usage Notes:**

Manual:

Note 1: Required when ordering REQTYP A Unbundled Dark Fiber (UDF) as an Ordinarily Combined UNE Combination.

**Business Rules**

Rule 1: LSF valid in all states except Georgia and ; North Carolina ~~and Tennessee~~.

Rule 2: For REQTYP 'A' the following table contains valid SPEC codes for EELs and NSC's service types.

SPEC Code	Service Type
UNCVX	Voice Grade
UNCNX	ISDN
UNCDX	56/64 kbps
UNC1X	DS1
UNC3X	DS3
UNCSX	STS-1

\*\*\*\*\* End of definition for SPEC / LSR form screen \*\*\*\*\*

## CCP 1934 Attachment Listed Below

*LNA Tables: Reqtyp M, Switched Combo Bus/Res*

### *LNA= B: PS*

#### Required

LNA	LNUM	PG_OF_ (M)
PON (M)	PQTY	TNS

#### Conditional

AN (M)	ATN (M)	<del>LOCNUM DETAIL (E)</del>
VER (M)		

#### Optional

LNECLS SVC (E)	LOCNUM (M)	LOCNUM DETAIL (E)
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### *LNA= C: PS*

#### Required

LNA	LNUM	PG_OF_ (M)
PON (M)	PQTY	TNS

#### Conditional

AN (M)	ATN (M)	BLOCK
FA	FEATURE	FEATURE DETAIL
<del>LOCNUM DETAIL (E)</del>	TC FR (E)	TC PER
TC TO PRI	TC TO SEC	TCID
TERS	VER (M)	

#### Optional

BA*	FPI	LNECLS SVC (E)
LOCNUM (M)	LPIC	PIC
TC OPT*	TSP (M)	LOCNUM DETAIL (E)

### *LNA= D: PS*

#### Required

LNA	LNUM	PG_OF_ (M)
PON (M)	PQTY	TNS

LNA Tables: Reqtyp M, Switched Combo Bus/Res
Conditional

AN (M)	ATN (M)	<del>LOCNUM DETAIL (E)</del>
TC NAME	TC PER	TC TO PRI
TC TO SEC	TCID	TERS
VER (M)		

Optional

LNECLS SVC (E)	LOCNUM (M)	TC OPT*
LOCNUM DETAIL (E)		

**LNA= G: PS**
Required

LNA	LNUM	LPIC
PG_OF_ (M)	PIC	PON (M)
PQTY	TNS	

Conditional

AN (M)	ATN (M)	BLOCK
FA	FEATURE	FEATURE DETAIL
LEAN	LEATN	<del>LOCNUM DETAIL (E)</del>
TC NAME	TC PER	TC TO PRI
TC TO SEC	TCID	TERS
VER (M)		

Optional

BA*	FPI	LNECLS SVC (E)
LOCNUM (M)	OTN	TC OPT*
TSP (M)	LOCNUM DETAIL (E)	

**LNA= L: PS**
Required

LNA	LNUM	PG_OF_ (M)
PON (M)	PQTY	TNS

LNA Tables: Reqtyp M, Switched Combo Bus/Res
Conditional

AN (M)	ATN (M)	<del>LOCNUM DETAIL (E)</del>
TC NAME	TC PER	TC TO PRI
TC TO SEC	TCID	VER (M)

Optional

LNECLS SVC (E)	LOCNUM (M)	TC OPT*
LOCNUM DETAIL (E)		

**LNA= N: PS**
Required

LNA	LNECLS SVC (E)	LNUM
LPIC	PG_OF_ (M)	PIC
PON (M)	PQTY	TNS

Conditional

AN (M)	ATN (M)	BLOCK
FA	FEATURE	FEATURE DETAIL
<del>LOCNUM DETAIL (E)</del>	TC FR (E)	TERS
VER (M)		

Optional

BA*	FPI	LOCNUM (M)
TC OPT*	LOCNUM DETAIL (E)	

**LNA= P: PS**
Required

LNA	LNUM	LPIC
PG_OF_ (M)	PIC	PON (M)
PQTY	TNS	

Conditional

AN (M)	ATN (M)	<del>LOCNUM DETAIL (E)</del>
TERS	VER (M)	

LNA Tables: Reqtyp M, Switched Combo Bus/Res
Optional

FPI	LOCNUM (M)	LOCNUM DETAIL (E)
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***LNA= T: PS***
Required

LNA	LNECLS SVC (E)	LNUM
LPIC	PG_OF_ (M)	PIC
PON (M)	PQTY	TNS

Conditional

AN (M)	ATN (M)	BLOCK
FEATURE	FEATURE DETAIL	<del>LOCNUM DETAIL (E)</del>
OTN	TC FR (E)	VER (M)

Optional

BA*	FA*	FPI
LOCNUM (M)	TC OPT*	TERS
TSP (M)	LOCNUM DETAIL (E)	

***LNA= V: PS***
Required

LNA	LNUM	PG_OF_ (M)
PON (M)	PQTY	TNS

Conditional

AN (M)	ATN (M)	BLOCK
FA	FEATURE	FEATURE DETAIL
LEAN (M)	LEATN	<del>LOCNUM DETAIL (E)</del>
TC FR (E)	TC NAME	TC PER
TC TO PRI	TC TO SEC	TCID
TERS	VER (M)	



LNA Tables: Reqtyp M, Switched Combo Bus/Res
Optional

BA*	FPI	LNECLS SVC* (E)
LOCNUM (M)	LPIC	PIC
TC OPT*	TSP (M)	LOCNUM DETAIL (E)

**LNA= W: PS**
Required

LNA	LNUM	PG_OF_ (M)
PON (M)	PQTY	TNS

Conditional

AN (M)	ATN (M)	LEAN
LEATN	<del>LOCNUM DETAIL (E)</del>	TERS
VER (M)		

Optional

LOCNUM (M)	LOCNUM DETAIL (E)	
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**LNA= X: PS**
Required

LNA	LNUM	OTN
PG_OF_ (M)	PON (M)	PQTY
TNS		

Conditional

AN (M)	ATN (M)	BLOCK
FA	FEATURE	FEATURE DETAIL
<del>LOCNUM DETAIL (E)</del>	TC NAME	TC PER
TC TO PRI	TC TO SEC	TCID
TERS	VER (M)	

LNA Tables: Reqtyp M, Switched Combo Bus/ResOptional

BA\*

FPI

LNECLS SVC (E)

LOCNUM (M)

LPIC

PIC

| TC OPT\*

LOCNUM DETAIL (E)

## CCP 1935 Attachment Listed Below

### DDD – Desired Due Date

#### LSR Form/Screen

16.0B(TCIF9 / LSOG4 map)

*CRB Issues included: 3982*

#### **Definition:**

Identifies the customer's desired due date. On disconnect requests, this date represents the date billing is to stop on the involved service and can be no earlier than the date the request is received by the LCSC.

#### Definition Notes:

None

#### **Valid Entries:**

Manual:

Entry	Description
1 and 2	Two Digit Month (01-12)
3	Hyphen or slash [Virgule]
4 and 5	Two Digit Day (01-31)
6	Hyphen or slash [Virgule]
7 and 8	Two Digit Century (20-99)
9 and 10	Two Digit Year (00-99)

Electronic:

Entry	Description
Two Digit Century (CC)	20 - 99
Two Digit Year (YY)	00 - 99
Two Digit Month (MM)	01 - 12
Two Digit Day (DD)	01 - 31

#### Valid Entry Notes:

None

#### **Data Characteristics:**

Manual: 8 or 10 alpha/numeric characters

Electronic: 8 numeric characters

#### **Examples:**

Manual: 03/22/01 or 03-22-2001

Electronic: 20010322

**Conditional Usage Notes:**

None

**Business Rules**

Rule 1: Must be greater than or equal to D/TSENT.

Rule 2: Must be a valid date.

Rule 3: If the requested DDD is not available then the next available date is assigned and returned on the FOC.

Rule 4: Due dates will not normally be appointed on Sunday, or holidays.

Rule 5: There may be times when, due to work load and abnormal weather conditions in an area, such as a hurricane, flood or other natural disaster, the due date returned will be longer than the standard intervals.

Rule 6: When the REQTYP is C, Type 1 Wireless Port, porting 1-50 TNs please refer to the BellSouth interval guide.

~~Rule 7: [BULK] On BULK Requests, DDD will be greater than or equal to 14 business days from the BULK LSR (D/TSENT).~~~~Rule 8: [BULK] On BULK Requests, The DDD provided on SUP 02 or 03 LSRs with a BOPI populated must be greater than or equal to 14 business days from Supplemental LSR (D/TSENT).~~

Electronic:

Rule 9: [BULK] When the request is for a UNE to UNE Bulk order the request is project managed, and the DDD cannot be less than 8 business days from the D/TSENT on the initial submission of the LSR.

Rule #: (BULK) On BULK requests, the DDD provided on SUP 02 LSR's with a BOPI populated must be greater than or equal to 8 business days from the supplemental LSR D/TSENT.

Rule # (BULK) On BULK order requests for SUP 03 when the DDD is changing and BOPI populated, the DDD must be greater than or equal to 8 business days from the supplemental LSR D/TSENT.

Rule # (BULK) On BULK order requests for SUP 03 when the DDD is not changing and the BOPI field is populated, the original DDD field should not be altered.

\*\*\*\*\* End of definition for DDD / LSR form screen \*\*\*\*\*