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**BellSouth Interconnection Services**

675 West Peachtree Street  
Atlanta, Georgia 30375

**Carrier Notification****SN91083868**

Date: October 27, 2003

To: Competitive Local Exchange Carriers (CLEC)

Subject: CLECs – (Documentation/Guides) - Update to the BellSouth Local Ordering Handbook (LOH) Version 13.0c for Telecommunications Industry Forum 9 (TCIF 9) Release 13.0

This is to advise that BellSouth has identified the following documentation defects in the LOH Version 13.0c for TCIF 9 Release 13.0.

CCP Number	Description Of The Change
1448	Remove ALL UNE-UDT-Optical Transport documentation from the LOH. Reverse all changes previously requested.

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

These changes will be reflected in the next update of the TCIF9 Release 13.0/LOH Version 13.0d scheduled to be posted November 14, 2003.

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 1448 Attachment Listed Below

### ~~REQTYP A- Unbundled Dedicated Transport-Optical Transport {OC-3, OC-12, OC-48}~~

~~This section will detail the ordering information for the following:~~

- ~~Local Loop~~
- ~~Interoffice Channel~~
- ~~Local Channel~~

### ~~Optical Transport {OC-3, OC-12, OC-48}~~

~~Dedicated Transport is a point-to-point transport service dedicated to a single customer. This service is used to build a CLEC network within BellSouth territory. The form of dedicated transport being offered through an interconnection agreement to a CLEC is an Unbundled Network Element (UNE). The pricing methodology used to determine the UNE rates is TELRIC. The following network elements are being offered.~~

#### ~~Optical Transport-Local Loop~~

~~-A Loop is the dedicated point-to-point transmission path and the associated electronics between the end user's premises and the end user's serving wire center. Collocation is required at SWC~~

#### ~~Optical Transport-Interoffice~~

~~-An Interoffice Channel provides a dedicated point-to-point transmission path, and its associated electronics, between BST's wire centers or switches. Collocation is required at both ends of this UNE within a BST central office.~~

#### ~~Optical Transport-Local Channel~~

~~-A Local Channel is the dedicated point-to-point transmission path and the associated electronics between the CLEC's Point of Presence (POP) and the POP Serving Wire Center. Collocation is required at SWC~~

#### ~~Optical Transport-Channelization~~

~~-Channelization is the function performed when a higher level facility is separated into lower level services, e.g. OC3 to DS3s. The facility is said to be channelized. This can be accomplished through the use of a multiplexer. Once the basic channelization system has been installed, channels can be activated all at once or on an as-needed basis.~~

### ~~Ordering Forms~~

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

	Forms											
REQTYP / SERVICE TYPE	SI	LSR	Hunting	EU	DL	DSR	RS	DRS	PS	NPS	LSN	Proprietary
<del>A—Unbundled Optical Transport</del> {OC 3, OC 12, OC 48}	R	R		R							R	

R=Required C=Conditional O=Optional

### Service Inquiry Form Instructions

Service Inquiry begins when

- CLEC sends the completed SI and LSR forms to the UNE CRSG
- UNE CRSG will add information to the SI and forward it to Network
- Network will check for available facilities, and, when facilities are available, add the appropriate information to the SI
- Network will return the SI to the UNE CRSG
- UNE CRSG will submit both the completed SI and the LSR to the LCSC

**NOTE:** A separate SI is required for each unique A and Z combination.

### Service Inquiry Form

**NOTE:** The Service Inquiry form and instructions are not included in this document. Please contact your Local Support Manager (LSM) for further information regarding service inquiries.

### Completing the LSR and EU Forms

The Required, Conditional and Optional (R/C/O) fields on the LSR and EU forms will be given for every valid REQTYP/ACT combination in the **REQTYP / ACT Combination** Section.

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

REQTYP	ACTIVITY TYPE (ACCOUNT LEVEL)												
	N	C	D	T	R	V	S	B	W	L	Y	P	Q
<del>A—Unbundled Optical Transport</del> {OC 3, OC 12, OC 48}	X	X	X										

Note: "X" denotes valid account level activities. A blank entry indicates a non-valid account level activity.

**Account level activities (ACT) apply to the entire account.** The ACTs are defined below:

- ~~□ N = New installation and/or account~~
- ~~□ C = Change Activity~~
- ~~□ D = Disconnection~~

### ~~Completing the LS Form~~

~~The Loop Service (LS) form may be required or invalid depending on the account level activity. Each account level activity has valid Line Level Activities (LNAs). These LNAs determine how, or if, the LS form should be populated.~~

~~**Line level activities (LNA) apply to the specified line only. The LNAs are defined below:**~~

- ~~□ N = New Installation (e.g., new line or additional line)~~
- ~~□ C = Change (add or remove concatenation)~~
- ~~□ D = Disconnection~~

~~The following chart gives the valid LNAs for each account level activity (ACT) and the associated LS form usage.~~

<del>If ACT is:</del>	<del>Then LNA is</del>	<del>And LS form is:</del>
<del>N</del>	<del>N</del>	<del>Required</del>
<del>C</del>	<del>C</del>	<del>Required</del>
<del>D</del>	<del>D</del>	<del>Required</del>

~~The Required, Conditional and Optional (R/C/O) fields for the Loop Service (LS) form are listed according to the Line Level Activity (LNA) in the LNA Tables Section.~~

### ~~REQTYP / ACT Combinations REQTYP A: Unbundled Optical Transport [OC 3, OC 12, OC 48]~~

~~The following charts show the Required, Conditional and Optional (R/C/O) fields on the LSR and EU forms for the valid REQTYP /ACT combinations. LSR and EU forms for a valid REQTYP/ACT combination are paired together. Each chart will have a heading describing the REQTYP/ACT combination status to which that chart is applicable. All unmentioned fields are either invalid, not applicable, prohibited or not supported. When fields are populated which are not supported by BellSouth, they will be ignored. Populating any other fields may result in a fatal reject or a clarification of the service request.~~

~~Please note the following codes:~~

- ~~□ Mandatory entries are indicated by quotation marks ("xxx").~~
- ~~□ Optional fields marked with an asterisk (\*) force at least one of the conditional fields to become required when populated.~~
- ~~□ Fields used only for manual orders are followed by (m).~~
- ~~□ Fields used only for electronic orders are followed by (e).~~

~~See the **Data Element Dictionary** Section for additional information on each of the fields listed below.~~

**REQTYP A / ACT N Unbundled Optical Transport [OC-3, OC-12, OC-48]**

<del>LSR-REQTYP A / ACT N Unbundled Optical Transport [OC-3, OC-12, OC-48]</del>		
<b>Required</b>	<b>Conditional</b>	<b>Optional</b>
<del>CCNA (m)</del>	<del>VER (m)</del>	<del>REMARKS (m)</del>
<del>PON (m)</del>	<del>SUP (m)</del>	<del>EXP (m)</del>
<del>AN (m)</del>	<del>AI (m)</del>	<del>RPON (m)</del>
<del>SC = "LCSC" (m)</del>	<del>APOT (m)</del>	<del>RORD (m)</del>
<del>PG_OF_ (m)</del>	<del>CUST (m)</del>	<del>DRC* (m)</del>
<del>D/TSENT (m)</del>	<del>BH (m)</del>	<del>SCA (m)</del>
<del>DDD (m)</del>	<del>BI2 (m)</del>	
<del>REQTYP = "AB" (m)</del>	<del>BAN2 (m)</del>	
<del>ACT = "N" (m)</del>	<del>DSGCON (m)</del>	
<del>CC (m)</del>	<del>DSGCON-TEL-NO. (m)</del>	
<del>ACTL (m)</del>	<del>DSGCON-STREET (m)</del>	
<del>LSO (m)</del>	<del>DSGCON-CITY (m)</del>	
<del>TOS (m)</del>	<del>DSGCON-STATE (m)</del>	
<del>PROJECT (m)</del>	<del>DSGCON-ZIP-CODE (m)</del>	
<del>NC (m)</del>	<del>DSGCON-FAX-NO. (m)</del>	
<del>NCI (m)</del>	<del>DSGCON-FLOOR (m)</del>	
<del>BAN1 (m)</del>	<del>DSGCON-ROOM (m)</del>	
<del>ACNA (m)</del>	<del>SECNCI (m)</del>	
<del>INIT (m)</del>	<del>SPEC (m)</del>	
<del>INIT-TEL-NO. (m)</del>	<del>PBT (m)</del>	
<del>INIT-FAX-NO. (m)</del>		
<del>IMPCON (m)</del>		

IMPCON-TEL-NO.-(m)		
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" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;  
 (m) = for manual ordering only; (e) = for electronic ordering only

<b>EU-REQTYP A / ACT N</b> Unbundled Optical Transport [OC-3, OC-12, OC-48]
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Required	Conditional	Optional
PON (m)	VER (m)	EU-FLOOR (m)
AN (m)	IWCON (m)	EU-ROOM (m)
PG_OF_ (m)	IWCON-TEL-NO. (m)	EU-BLDG (m)
EU-NAME (m)	SASF (m)	LCON-NAME (m)
SASN (m)	SASD (m)	LCON-TEL-NO. (m)
	SATH (m)	ACC (m)
	SASS (m)	IWO* (m)
	IWBAN (m)	
	SANO (m) or SADLO (m)	
	EU-CITY (m)	
	EU-STATE (m)	
	EU-ZIP-CODE (m)	

" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;  
 (m) = for manual ordering only; (e) = for electronic ordering only

**REQTYP A / ACT C** Unbundled Optical Transport [OC-3, OC-12, OC-48]

<b>LSR-REQTYP A / ACT C</b> Unbundled Optical Transport [OC-3, OC-12, OC-48]
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Required	Conditional	Optional
CCNA (m)	VER (m)	REMARKS (m)
PON (m)	SUP (m)	EXP (m)
AN (m)	SCA (m)	RPON (m)
SC = "LCSC" (m)	AI (m)	RORD (m)
PG_OF_ (m)	APOT (m)	DRC* (m)
D/TSENT (m)	CUST (m)	
DDD (m)	B1 (m)	
REQTYP = "AB" (m)	B12 (m)	
ACT = "C" (m)	BAN2 (m)	
CC (m)	DSGCON (m)	

ACTL (m)	DSGCON-TEL-NO. (m)	
LSO (m)	DSGCON-STREET (m)	
TOS (m)	DSGCON-CITY (m)	
PROJECT (m)	DSGCON-STATE (m)	
NC (m)	DSGCON-ZIP-CODE (m)	
NCI (m)	DSGCON-FAX-NO. (m)	
BANI (m)	DSGCON-FLOOR (m)	
ACNA (m)	DSGCON-ROOM (m)	
INIT (m)	SECNCI (m)	
INIT-TEL-NO. (m)	SPEC (m)	
INIT-FAX-NO. (m)	PBT (m)	
IMPCON (m)		
IMPCON-TEL-NO. (m)		

" " - mandatory entry; \* - when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;  
 (m) = for manual ordering only; (e) = for electronic ordering only

<b>EU-REQTYP A / ACT C Unbundled Optical Transport [OC-3, OC-12, OC-48]</b>		
<b>Required</b>	<b>Conditional</b>	<b>Optional</b>
PON (m)	VER (m)	EU-FLOOR (m)
AN (m)	IWCON (m)	EU-ROOM (m)
PG_OF_ (m)	IWCON-TEL-NO. (m)	EU-BLDG (m)
EU-NAME (m)	SASF (m)	LCON-NAME (m)
SASN (m)	SASD (m)	LCON-TEL-NO. (m)
	SATH (m)	ACC (m)
	SASS (m)	IWO* (m)
	IWBAN (m)	
	SANO (m) or SADLO (m)	

	<del>EU-CITY (m)</del>	
	<del>EU-STATE (m)</del>	
	<del>EU-ZIP-CODE (m)</del>	

" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;  
 (m) = for manual ordering only; (e) = for electronic ordering only

### ~~REQTYP A / ACT D~~

<del>LSR-REQTYP A / ACT D Unbundled Optical Transport {OC-3, OC-12, OC-48}</del>		
<del>Required</del>	<del>Conditional</del>	<del>Optional</del>
<del>CCNA (m)</del>	<del>VER (m)</del>	<del>REMARKS (m)</del>
<del>PON (m)</del>	<del>SUP (m)</del>	<del>RPON (m)</del>
<del>AN (m)</del>	<del>CUST (m)</del>	<del>RORD (m)</del>
<del>SC = "LCSC" (m)</del>		
<del>PG_OF_ (m)</del>		
<del>D/TSENT (m)</del>		
<del>DDD (m)</del>		
<del>REQTYP = "AB" (m)</del>		
<del>ACT = "D" (m)</del>		
<del>CC (m)</del>		
<del>ACTL (m)</del>		
<del>LSO (m)</del>		
<del>TOS (m)</del>		
<del>NC (m)</del>		
<del>CIC (m)</del>		
<del>BANI (m)</del>		
<del>ACNA (m)</del>		



INIT (m)		
INIT-TEL NO. (m)		
INIT-FAX NO. (m)		
IMP CON (m)		
IMP CON-TEL NO. (m)		
PROJECT (m)		

" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;

(m) = for manual ordering only; (e) = for electronic ordering only

<b>EU REQ TYP A / ACT D Unbundled Optical Transport {OC-3, OC-12, OC48}</b>		
<b>Required</b>	<b>Conditional</b>	<b>Optional</b>
PON (m)	VER (m)	
AN (m)		
PG_OF_ (m)		
EU-NAME (m)		

" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;

(m) = for manual ordering only; (e) = for electronic ordering only

### **LNA Tables REQ TYP A:**

The following charts show the Required, Conditional and Optional (R/C/O) fields for the LS form for the valid Line Level Activities (LNAs). Each chart will have a heading describing the type of loop and LNA to which that chart applies. Please refer to the **Completing the LS Form** Section for a listing of the valid LNAs for each account level activity.

All unmentioned fields are either invalid, not applicable, prohibited or not supported. When fields are populated which does BellSouth, these not supported fields, not support will be ignored. Populating any other fields may result in a fatal reject or a clarification of the service request.

Please note the following codes:

- Mandatory entries are indicated by quotation marks ("xxx").
- Optional fields marked with an asterisk (\*) force at least one of the conditional fields to become required when populated.
- Fields used only for manual orders are followed by (m).

☐ Fields used only for electronic orders are followed by (e).  
 See the **Data Element Dictionary** Section for additional information on each of the fields listed below.

### Optical Loop, Local Channel and Interoffice Channel

#### LNA = N

LS-LNA = N		
Required	Conditional	Optional
PON (m)	VER (m)	TSP (m)
AN (m)	JK CODE (m)	NIDR* (m)
LQTY (m)		REMARKS (m)
PG_OF_ (m)		
LNUM (m)		
LNA = "N" (m)		
CFA (m)		

" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;  
 (m) = for manual ordering only; (e) = for electronic ordering only

#### LNA = C

LS-LNA = C		
Required	Conditional	Optional
PON (m)	VER (m)	TSP (m)
AN (m)	JK CODE (m)	NIDR* (m)
LQTY (m)		REMARKS (m)
PG_OF_ (m)		
LNUM (m)		
LNA = "C" (m)		

ECCKT (m)		

" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;  
(m) = for manual ordering only; (e) = for electronic ordering only

### LNA = D

LS-LNA = D		
Required	Conditional	Optional
PON (m)	VER (m)	REMARKS (m)
AN (m)		
LQTY (m)		
PG_OF_ (m)		
LNUM (m)		
ECCKT (m)		
LNA = " D " (m)		

" " = mandatory entry; \* = when this optional field is populated, it forces at least one of the conditional fields to become REQUIRED;  
(m) = for manual ordering only; (e) = for electronic ordering only

## LSR-Form

### SPEC - Service and Product Enhancement Code

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.

#### Valid Entries

Note 1: For REQ TYPs A and B, positions 1 - 7 = any alpha character *except* " I " or any numeric character *except* " 0 " (zero).

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

Table C - LSF valid entries are:

**Data Characteristics:** 2 to 7 alpha/numeric characters

**Example:**  
BD1T5AD  
(UNE)

EU  
(RESALE)

**Conditional Usage Notes:** **None** For REQ TYP A, UDT Optical Transport, and ACT's of N and C, this field is prohibited when ordering Customer Channel Interfaces, Central Office Channel Interfaces, or Central Office Channel Systems, otherwise required for all other UDT Optical Transport.

**Business Rules:**

Rule 1: LSF valid in all states *except* Georgia, North Carolina and Tennessee.

Rule 2: For REQ TYP 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

## SECNCI - Secondary Network Channel Interface Code

Identifies the electrical conditions on the circuit at the secondary ACTL or end use location.

**Valid Entries**

SECNCI Code format:

This field consists of up to a twelve character code where the:

First two numeric characters (position 1 and 2) are required and represent the physical conductors, which describe the number of wires that traverse the secondary ACTL or end user location.

Next two alpha characters (position 3 and 4) are required and identify signaling and/or transmission characteristics.

Next alpha/numeric character (position 5) is required and describes the impedance with which the customer / end user will terminate the channel for the purpose of evaluating transmission performance or to indicate if the circuit is fiber.

Next character (position 6) is a period (used as a delimiter) only if additional characters will follow.

Next three alpha / numeric (position 7, 8, and 9) describe the protocol options.

Next character (position 10) is a period (used as a delimiter) only if additional characters will follow.

Next alpha character (position 11) describes the transmission level to be received at the customer/end user interface from the provider.

Next alpha character (position 12) describes the transmission level to be transmitted from the customer/end user interface to the provider.

**Data Characteristics:** 5 to 12 alpha/numeric characters

**Example:**

02L02

This example indicates an open end of loop start circuit at end user location.

02LS2

This example indicates closed end of loop start circuit at end user location.

**Conditional Usage Notes:**

Note: When the REQ TYP = A this field is:

1. Prohibited when the 4th character of the NC code is M, A, or C.
2. Prohibited when the 2nd character of the TOS is P, or R
3. Prohibited when the NC Code begins with TY, or TX
4. Otherwise required.

## BellSouth Products and Services Interval Guide

Please add this between Non Switched Combinations and Open AIN (OAIN)

Product	Quantity	Standard Interval	Targeted LSR Processing Interval	Project Managed
<u>Unbundled Dedicated Transport</u>				
<u>Optical Transport</u>	<u>1+</u>	<u>Negotiated</u>	<u>Negotiated</u>	<u>Y</u>