
BellSouth Interconnection Services

675 West Peachtree Street
Atlanta, Georgia 30375

**Carrier Notification
SN91085147**

Date: July 15, 2005

To: Competitive Local Exchange Carriers (CLEC)

Subject: CLECs – (Interconnection/Contractual) - Update to CLEC Information Packages for First Phase of the Triennial Review Order (TRO) Commingling Requirement

This is to advise that on July 12, 2005, BellSouth will be updating its CLEC Information Packages to reflect the first phase of the Federal Communications Commission's (FCC) Triennial Review Order (TRO) commingling requirement. The first phase of the FCC's TRO commingling requirement will be implemented by facilitating multiple bandwidth applications of Unbundled Network Element (UNE) or combination of UNEs (loop or transport). These applications will connect to BellSouth's Special Access (SPA) service and are available to CLECs that have incorporated the appropriate rates, terms and conditions for commingling in their interconnection agreement. Other applications (final phase) will be added in the September 2005 time frame. Any commingling applications that were not incorporated within the planning for this phase should be addressed through the Bona Fide Request (BFR) process.

The CLEC Information Packages involved in this update are:

- Unbundled Dedicated Transport – Currently Combined UNE Combinations
- Unbundled Dedicated Transport – Ordinarily Combined UNE Combinations
- Unbundled Dedicated Transport – UNEs
- UNE Loop Multiple Bandwidth Commingling

These documents may be found on the BellSouth Interconnection Services Web site at:

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

In addition, attached is advanced information that will be included within the next release of the Local Ordering Handbook (LOH).

If you have any questions, please contact your BellSouth local support manager.

Sincerely,

ORIGINAL SIGNED BY JAMES TAMPLIN FOR KRISTEN ROWE

Kristen Rowe – Director
BellSouth Interconnection Services

Attachment

Commingled -(Non-Channelized) DS3 / STS1 Loops and DS3 / STS1 and DS1 IOC connected to Wholesale

Commingling means the connecting, attaching, or otherwise linking of an unbundled network element, or a combination of unbundled network elements, to one or more wholesale facilities or services. Product Listing

DS-3 and STS-1 Loops, and DS1, DS3/STS1 Interoffice Channels

This section will detail the ordering information for the following transport products:

- Non-Channelized DS-3 Local Loop
- Non-Channelized STS-1 Local Loop
- Non-Channelized DS-1 Interoffice Channel
- Non-Channelized DS-3 Interoffice Channel
- Non-Channelized STS-1 Interoffice Channel

Please notice that Channelized Local Loops (DS-3 and STS-1) are not included in this section.

Local Loop Description

The **local loop** provides a dedicated non-channelized transmission path from the end user (EU) to the end user serving wire center (EU SWC). Currently, two product offerings are available for these local loops:

- **Non-Channelized DS-3 Local Loop:** The non-channelized DS-3 local loop is a high-capacity digital transmission path that is dedicated for the use of the ordering customer. It is a two-point digital channel that provides for simultaneous two-way transmission of serial bipolar return-to-zero asynchronous digital electrical signals at a transmission rate of 43.736 megabits per second (Mbps). The entire 44.736 Mbps is dedicated as one transmission path.
- **Non-Channelized STS-1 Local Loop:** The non-channelized STS-1 local loop is a high-capacity digital transmission path with SONET VT1.5 mapping that is dedicated for the use of the ordering customer. It is a two-point digital channel that provides for simultaneous two-way transmission of serial bipolar return-to-zero synchronous digital electrical signals at a transmission rate of 44.736 Mbps. The entire 44.736 Mbps is dedicated as one transmission path.

Interoffice Channel Description

The **Interoffice Channel** provides a dedicated channelized or non-channelized transmission path from one Central Office to another. . Currently, six product offerings are available when channelizing option is included . The Non-Channelized interoffice channels are listed below:

- **Non-Channelized DS-1 Interoffice Channel:**The non-channelized DS-1 interoffice channel is identical to the channelized DS-1 interoffice channel except the transmission bandwidth is not divided into the DS-0 sub-channels, that is, the entire 1.544 Mbps is dedicated as one transmission path.
- **Non-Channelized DS-3 Interoffice Channel:** The non-channelized DS-3 interoffice channel is identical to the channelized DS-3 interoffice channel except the transmission bandwidth is not divided into the DS-1 sub-channels, that is, the entire 44.736 Mbps is dedicated as one transmission path.
- **Non-Channelized STS-1 Interoffice Channel:** The non-channelized STS-1 interoffice channel is identical to the channelized STS-1 interoffice channel except the transmission bandwidth is

not divided into the DS-1 sub-channels, that is, the entire 44.736 Mbps is dedicated as one transmission path.

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												
DS-3 and STS-1 Loops, and DS1, DS3/STS1 Interoffice Channels												
SI	LSR	Hunting	EU	DL	RS	DRS	PS	NP	LS	LSNP	RPL	Proprietary
C*	R		C#						R			
R = Required C = Conditional O = Optional												

* SI is required for all DS-3 and STS-1 UNEs. SI is also required for **CHANNELIZED** DS-1 IOC. SI is not required for all other DS-1 UNEs.

EU form is required for Non-Channelized Loops, and Interoffice Channels. EU form is not required for Channelized Interoffice Channels.

Service Inquiry Form Instructions

Service Inquiry begins when the CLEC sends the completed SI and LSR forms to the CRSG/Account Team. The 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 before returning it to the UNE CRSG. Finally, the UNE CRSG will submit both the completed SI and the LSR to the LCSC when will then issue a service order.

Note: A separate SI is required for each unique A and Z combination. A separate SI is required for each level of service even if they have the same A and Z combination; do not mix speeds on the same SI.

Form Instructions:

FIRM ORDER - indicates that the customer is placing an order and that a service order will be written for this service. Network CCM and/or OSPE will begin the process to meet the date promised to the customer.

UPDATE - indicates that this SI is an update to a previous SI.

CANCEL - indicates the customer is canceling a previous FIRM ORDER. If the customer cancels his firm order he may be liable for cancellation charges per his contract.

Desired Due Date - enter the date the customer wants the service to be ready for service. There is no standard interval; the 'ready' date will be furnished by Network CCM and/or Network OSPE on the response.

CKT speed - DS1, DS3, STS1, OC03, OC12, OC48 (will be provisioned as four OC12 circuits).

NC Code - enter the appropriate NC code for the circuits that are being ordered.

QTY - enter the quantity of circuits being ordered.

Locations (A and Z ends) - check the appropriate blocks on the A and Z ends. If a collocation and POP are involved, both must belong to the same CLEC. For a channelized service, one end must be a BellSouth® CO.

CLLI Code - enter the BellSouth® assigned CLLI code for the ends of the circuits.

NCI code - enter the appropriate NCI code for each end of the circuits.

CFA(s) - if appropriate enter the Connecting Facility Assignment (CFA) of the higher level facilities that these circuits will ride.

Local Loop Mileage - if a local loop applies at the DS3 or above level, the CRSG must calculate and enter the airline mileage between the POP/EU and its SWC.

REMARKS - enter any remarks or notes to clarify the order.

Service Inquiry Form

Note:

The Service Inquiry form is not included in this document. Contact your Local Support Manager (LSM) to obtain the form.

Completing the DL Form/Screen

If directory listings are required, refer to **REQTYP J** for more information on completing the DL form/screen.

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 DS-1, DS-3 and STS-1 Loops, Local Channels and Interoffice Channels										
N	C	D	T	R	V	S	B	W	L	Y
X	-	X	-	-	-	-	-	-	-	-

"X" denotes valid account level activities. A dash (-) indicates a non-valid account level activity.

The Required, Conditional and Optional (R/C/O) fields on the LSR and EU forms/screens will be given for every valid ACT code in the **ACT Tables** section.

Completing the LS Form/Screen

The Loop Service (LS) form/screen 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/screen should be populated. A complete list of LNAs and their definition can be found in the Data Dictionary entry for LNA.

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

If ACT is:	Then LNA is:	And LS form is:
N	N	Required
D	D	Required

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

Commingled-DS3 / STS1, and DS1 ICO RCO Tables

The following tables show the Required, Conditional and Optional (R/C/O) fields on the valid forms/screens for this product. All unmentioned fields are either invalid, not applicable, prohibited or not supported. When fields are populated which are not supported by BellSouth, these not supported fields 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:

- 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).
- For fields marked with a DOUBLE asterisk (**) please refer to the Data Dictionary for clarification.

See the Data Dictionary Section for additional information on each field.

ACT Tables: Reqtyp A, Commingled-Non-Channelized DS3 and STS1-Connected to Wholesale

ACT= D: LSR

Required

ACNA (M)	ACT (M)	ACTL (M)
AN (M)	BAN1 (M)	CC (M)
CCNA (M)	D/TSENT (M)	DDD (M)
IMPCON (M)	IMPCON-TEL NO. (M)	INIT (M)
INIT-FAX NO. (M)	INIT-TEL NO. (M)	NC (M)
PG_OF_ (M)	PON (M)	REQTYP (M)
SC (M)	TOS (M)	

Conditional

CUST (M)	LSO (M)	NOR (M)
PROJECT (M)	RPON (M)	SUP (M)
VER (M)		

Optional

CIC (M)	REMARKS (M)	RORD (M)
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ACT= D: EU

Required

AN (M)	NAME (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

ACT Tables: Reqtyp A, Commingled- Non-Channelized DS3 and STS1-Connected to Wholesale

ACT= N: LSR

Required

ACNA (M)	ACT (M)	ACTL (M)
AN (M)	BAN1 (M)	CC (M)
CCNA (M)	D/TSENT (M)	DDD (M)
IMPCON (M)	IMPCON-TEL NO. (M)	INIT (M)
INIT-FAX NO. (M)	INIT-TEL NO. (M)	NC (M)
NCI (M)	PG_OF_ (M)	PON (M)
REQTYP (M)	SC (M)	SECNCI (M)
TOS (M)		

Conditional

AI (M)	APOT (M)	BI1 (M)
CUST (M)	DSGCON (M)	DSGCON-CITY (M)
DSGCON-FAX NO. (M)	DSGCON-FLOOR (M)	DSGCON-ROOM/MAIL STOP (M)
DSGCON-STATE (M)	DSGCON-STREET (M)	DSGCON-TEL NO. (M)
DSGCON-ZIP CODE (M)	LSO (M)	NOR (M)
PROJECT (M)	RPON (M)	SCA (M)
SUP (M)	VER (M)	

Optional

DRC* (M)	EXP (M)	PBT (M)
REMARKS (M)	RORD (M)	

ACT= N: EU

Required

AN (M)	CITY (M)	NAME (M)
PG_OF_ (M)	PON (M)	SASN (M)
STATE (M)	ZIP (M)	

Conditional

AAI (M)	ACC (M)	IWBAN (M)
IWCON (M)	IWCON-TEL NO. (M)	LD1 (M)
LD2 (M)	LD3 (M)	LV1 (M)
LV2 (M)	LV3 (M)	SANO (M)
SASD (M)	SASF (M)	SASS (M)
SATH (M)	VER (M)	

ACT Tables: Reqtyp A, Commingled- Non-Channelized DS3 and STS1-Connected to Wholesale

Optional

IWO* (M)

LCON-NAME (M)

LCON-TEL NO. (M)

NCON (M)

LNA Tables: Reqtyp A Commingled-, Non-Channelized DS3 and STS1-Connected to Wholesale

LNA= D: LS

Required

AN (M)	ECCKT (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

Optional

REMARKS (M)

LNA= N: LS

Required

AN (M)	CFA (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

JK CODE (M)	JK NUM (M)	JK POS (M)
VER (M)		

Optional

NIDR* (M)	REMARKS (M)	TSP (M)
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Commingled -Non-Channelized IOC RCO Tables

The following tables show the Required, Conditional and Optional (R/C/O) fields on the valid forms/screens for this product. All unmentioned fields are either invalid, not applicable, prohibited or not supported. When fields are populated which are not supported by BellSouth, these not supported fields 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:

- 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).
- For fields marked with a DOUBLE asterisk (**) please refer to the Data Dictionary for clarification.

See the Data Dictionary Section for additional information on each field.

ACT Tables: Reqtyp A, Commingled- Non-Channelized IOC-Connected to Wholesale

ACT= C: LSR

Required

ACNA (M)	ACT(M)	ACTL(M)
AN(M)	BAN1(M)	CC(M)
CCNA(M)	D/TSENT(M)	DDD(M)
IMPCON(M)	IMPCON-TEL NO. (M)	INIT(M)
INIT-FAX NO(M).	INIT-TEL NO. (M)	LSO(M)
NC(M)	NCI(M)	PG_OF_ (M)
PON(M)	REQTYP(M)	
SC(M)	TOS(M)	

Conditional

AI(M)	APOT(M)	BI1(M)
CUST(M)	DSGCON(M)	DSGCON-CITY(M)
DSGCON-FAX NO. (M)	DSGCON-FLOOR(M)	DSGCON-ROOM/MAIL STOP(m)
DSGCON-STATE(M)	DSGCON-STREET(M)	DSGCON-TEL NO. (M)
DSGCON-ZIP CODE(M)	NOR(M)	PROJECT(M)
RPON(M)	SCA(M)	
SUP(M)	VER(M)	

Optional

DRC*(M)	EXP(M)	PBT(M)
REMARKS(M)	RORD(M)	

ACT Tables: Reqtyp A Commingled-, Non-Channelized IOC-Connected to Wholesale

ACT= D: LSR

Required

ACNA(M)	ACT(M)	ACTL(M)
AN(M)	BAN1(M)	CC(M)
CCNA(M)	D/TSENT(M)	DDD(M)
IMPCON(M)	IMPCON-TEL NO. (M)	INIT(M)
INIT-FAX NO.	INIT-TEL NO(M)	LSO(M)
NC(M)	PG_OF_ (M)	PON(M)
REQTYP(M)		SC(M)
TOS(M)		

Conditional

CUST(M)	NOR(M)	PROJECT(M)
RPON(M)	SUP(M)	
VER(M)		

Optional

CIC(M)	RORD(M)	
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ACT= N: LSR

Required

ACNA(M)	ACT(M)	ACTL(M)
AN(M)	BAN1(M)	CC(M)
CCNA(M)	D/TSENT(M)	DDD(M)
IMPCON(M)	IMPCON-TEL NO. (M)	INIT(M)
INIT-FAX NO.	INIT-TEL NO.	LSO(M)
NC(M)	NCI(M)	PG_OF_ (M)
PON(M)	REQTYP(M)	
SC(M)	TOS(M)	

ACT Tables: Reqtyp A Commingled- Non-Channelized IOC-Connected to Wholesale

Conditional

AI(M)	APOT(M)	BI1(M)
CUST(M)	DSGCON(M)	DSGCON-CITY(M)
DSGCON-FAX NO. (M)	DSGCON-FLOOR(M)	DSGCON-ROOM/MAIL STOP(M)
DSGCON-STATE(M)	DSGCON-STREET(M)	DSGCON-TEL NO. (M)
DSGCON-ZIP CODE(M)	NOR(M)	PROJECT(M)
RPON(M)	SCA(M)	
SUP(M)	VER(M) <u>Optional</u>	
DRC*(M)	EXP(M)	PBT(M)
REMARKS(M)	RORD(M)	

LNA Tables: Reqtyp A Commingled-, Non-Channelized IOC-Connected to Wholesale

LNA= C: LS

Required

AN (M)	CFA(M)	ECCKT(M)
LNA(M)	LNUM(M)	LQTY(M)
PG_OF_ (M)	PON (M)	

Conditional

JK CODE(M)	JK NUM(M)	JK POS(M)
VER (M)		

Optional

NIDR*(M)	REMARKS (M)	TSP(M)
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LNA= D: LS

Required

AN (M)	CFA(M)	ECCKT(M)
LNA(M)	LNUM(M)	LQTY(M)
PG_OF_ (M)	PON (M)	

Conditional

VER (M)		
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Optional

REMARKS (M)		
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LNA= N: LS

Required

AN (M)	CFA(M)	LNA(M)
LNUM(M)	LQTY(M)	PG_OF_ (M)
PON (M)		

Conditional

JK CODE(M)	JK NUM(M)	JK POS(M)
VER (M)		

Optional

NIDR*(M)	REMARKS (M)	TSP(M)
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Commingled-Ordinarily Combined UNEs (OCU)/EELs connected to Wholesale

Commingling means the connecting, attaching, or otherwise linking of an unbundled network element, or a combination of unbundled network elements, to one or more wholesale facilities or services on an element-by-element basis

Product Listing

Ordinarily Combined UNEs (OCU) / Enhanced Extended Links (EELs) that is a UNE combination of Unbundled Dedicated Transport and the Unbundled Local Loop. They may be ordered with or without multiplexing functionality.

In general OCU are described as combinations of unbundled dedicated transport offered at different levels. This offering is intended to provide connectivity from end user locations (EU) and serving wire centers to the CLEC(s) collocated point of presence or to a Non-collocated exchange and exchange access.

Availability:

OCU / EELs-Available in all 9 states (Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee)

EELs -Qualifying existing network services for non-switched combinations of Loop and Transport may be converted to EELs in all 9 states (Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee).

LSR Restrictions:

When ordering a combination of elements with **different service levels** the OCU must be submitted on different LSR(s).

When the OCU is riding a higher-level service, the higher level service must be installed prior to ordering the OCU (e.g., OCU is a 64 kbps circuit riding a DS1 circuit), the DS1 circuit identification along with the designated "channel of slot" number *must* be identified in the CFA field on the LSR for the 64 kbps OCU order.

The DS1 must be a valid wholesale basic class of service and is verified using the CLEC'S BAN. If the CFA is not valid or the channel/slot appears to be working the OCU will be placed in clarification.

Conversions:

Single Tariff conversions, or conversion spreadsheets are submitted using ACT of C. Tariff conversions must be submitted to the CLEC Local Support Manager (LSM). Tariff conversions are handled like switch-as-is request. The CLEC will not be allowed to change the service configuration of the circuit during the conversion. Refer to the appropriate BellSouth® Local Support Manager (LSM) for additional information regarding the Tariff conversion process for OCU service.

Basic Service Features:

Unbundled Dedicated Transport - provides dedicated point to point to a single customer. Unbundled Dedicated Transport consists of two (2) possible network elements plus the channelization option, Unbundled Interoffice Channel (IOC), Unbundled Local Loop (LL) and Unbundled Channelization (MUX).

- **Unbundled Interoffice Channel** - provides a dedicated point-to-point transmission path and it's associated electronics between different local Serving Wire Centers (SWC).
- **Unbundled Local Loop** - provides a dedicated point-to-point transmission path and the associated electronics between the end user's (EU) premises and the end user's SWC (EU SWC).

- **Unbundled Channelization** - provides a multiplexing function when a higher capacity level of service is separated to deliver service at a lower capacity level. Channelization is accomplished through the use of a multiplexor. When the high capacity level of service is channelized, a (MUX) will apply. When the lower capacity level of service is connected to a MUX, a Central Office Channel Interface (COCI) will apply. Lower level services "ride" the channelized facility. A multiplexor (mux) can be located in the POP SWC, the end user's SWC, or in a remote Central Office (CO).

NOTE: Channelization equipment is not placed on a customer's premise for these services.

Service Requirements

When ordering a new combination of elements with the **same service level** the OCU should be ordered on the same LSR. A combination of elements ordered with different service levels must be ordered on different LSRs. Where an Ordinarily Combined UNE Combination is riding a higher-level service, the higher-level service must be installed prior to ordering the Ordinarily Combined UNE Combination. For example, if the Ordinarily Combined UNE Combination is a 64 kbps circuit riding a DS1 circuit, the DS1 circuit identification along with the designated 'channel' of 'slot' number must be identified within the CFA field on the LSR for the 64 kbps Ordinarily Combined UNE Combination order. The DS1 must be a valid wholesale basic class of service and will be verified on the CLEC's BAN. If the CFA is not valid or the channel/slot designation appears to be working, the Ordinarily Combined UNE Combinations LSR will be clarified.

CLECs may submit an LSR with a change (C) activity type to the LCSC for single tariff conversions or a conversion spreadsheet as applicable. Tariff conversions must be received by the LCSC via the CLEC's Local Support Manager (LSM). Refer to the your appropriate BellSouth® CLEC Local Support Manager (LSM) for further information. Tariff conversions are handled like switch-as-is service. The CLEC will not be able to change the design or other aspects of the circuit during the conversion.

NOTE: Alternate Mark Inversion (AMI) and Bipolar 8 -Zero Substitution (B8ZS) line coding with either Super Frame (SF) and Extended Super Frame (ESF) framing formats will be supported.

Service Descriptions

BellSouth® offers the following service levels as a part of Ordinarily Combined UNE- Combinations of Unbundled Dedicated Transport.

SPEC Code	Service Level Type	Service Description
UNCVX	Voice Grade VG	2w Loop Start 2w Ground Start 2w Reverse Battery 4w Loop Start 4w Ground Start
UNCNX	ISDN	2w ISDN BRI
UNCDX	Digital Signal Zero DS0	56 kbps 64 kbps
UNC1X	Digital Signal One DS1	AMI-SF AMI-ESF B8ZS-SF B8ZS-ESF
UNC3X	Digital Signal Three DS3	AMI/B8ZS C-bit parity

SPEC Code	Service Level Type	Service Description
UNCSX	Synchronous Transport Signal STS-1	SONET based DS3 Level

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 Ordinarily Combined UNEs (OCU)												
SI	LSR	Hunting	EU	DL	RS	DRS	PS	NP	LS	LSNP	RPL	Proprietary
C	R		R						R			
R = Required C = Conditional O = Optional												

Combinations offered at different service levels must be ordered on separate LSR's. Service Inquiries are required on all DS3/STS-1 and all Channelized Services. End User form is not required with Channelized Services.

Service Inquiry Form Instructions

Service Inquiry begins when the CLEC sends the completed SI and LSR forms to the UNE CRSG. The UNE CRSG will add information to the SI and forward it to Network. Network will check for available facilities, and if facilities are available, will add the appropriate information to the SI before returning it to the UNE CRSG. The UNE CRSG will then submit both the completed SI and the LSR to the LCSC who will process for order issuance.

NOTE: A separate SI is required for each unique A and Z combination. A separate SI is required for each level of service even if they have the same A and Z combination; do not mix speeds on the same SI.

Completing the DL Form/Screen

If directory listings are required, refer to **REQTYP J** for more information on completing the DL form/screen.

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 Ordinarily Combined UNEs (OCU)										
N	C	D	T	R	V	S	B	W	L	Y
X	X	X	X	-	-	-	-	-	-	-
Note: "X" denotes valid account level activities. A dash (-) indicates a non-valid account level activity.										

The Required, Conditional and Optional (R/C/O) fields on the LSR and EU forms/screens will be given for every valid ACT code in the **ACT Tables** section.

Completing the LS Form/Screen

The Loop Service (LS) form/screen 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/screen should be populated. A complete list of LNAs and their definition can be found in the Data Dictionary entry for LNA.

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

If ACT is:	Then LNA is:	And LS form is:
N	N	Required
C	C	Required
D	D	Required
T	N	Required

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

Commingled-OCU/EEL RCO Tables

The following tables show the Required, Conditional and Optional (R/C/O) fields on the valid forms/screens for this product. All unmentioned fields are either invalid, not applicable, prohibited or not supported. When fields are populated which are not supported by BellSouth, these not supported fields 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:

- 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).
- For fields marked with a DOUBLE asterisk (**) please refer to the Data Dictionary for clarification.

See the Data Dictionary Section for additional information on each field.

ACT Tables: Reqtyp A, Commingled-Ordinarily Combined UNEs (OCU) riding Wholesale

ACT= C: LSR

Required

ACNA (M)	ACT (M)	ACTL (M)
AN (M)	BAN1 (M)	CC (M)
CCNA (M)	D/TSENT (M)	DDD (M)
IMPCON (M)	IMPCON-TEL NO. (M)	INIT (M)
INIT-FAX NO. (M)	INIT-TEL NO. (M)	NC (M)
NCI (M)	PG_OF_ (M)	PON (M)
REQTYP (M)	SC (M)	SECNCI (M)
SPEC (M)	TOS (M)	

Conditional

AI (M)	APOT (M)	BI1 (M)
CUST (M)	DSGCON (M)	DSGCON-CITY (M)
DSGCON-FAX NO. (M)	DSGCON-FLOOR (M)	DSGCON-ROOM/MAIL STOP (M)
DSGCON-STATE (M)	DSGCON-STREET (M)	DSGCON-TEL NO. (M)
DSGCON-ZIP CODE (M)	LSO (M)	NOR (M)
RPON (M)	SUP (M)	VER (M)

Optional

DRC* (M)	EXP (M)	PROJECT (M)
REMARKS (M)	RORD (M)	SCA (M)

ACT Tables: Reqtyp A, Commingled- Ordinarily Combined UNEs (OCU) riding Wholesale

ACT= C: EU

Required

AN (M)	CITY (M)	NAME (M)
PG_OF_ (M)	PON (M)	SASN (M)
STATE (M)	ZIP (M)	

Conditional

AAI (M)	ACC (M)	EAN
LD1 (M)	LD2 (M)	LD3 (M)
LV1 (M)	LV2 (M)	LV3 (M)
SANO (M)	SASD (M)	SASF (M)
SASS (M)	SATH (M)	VER (M)

Optional

LCON-NAME (M)	LCON-TEL NO. (M)
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ACT= D: LSR

Required

ACNA (M)	ACT (M)	ACTL (M)
AN (M)	BAN1 (M)	CC (M)
CCNA (M)	D/TSENT (M)	DDD (M)
IMPCON (M)	IMPCON-TEL NO. (M)	INIT (M)
INIT-FAX NO. (M)	INIT-TEL NO. (M)	NC (M)
PG_OF_ (M)	PON (M)	REQTYP (M)
SC (M)	SPEC (M)	TOS (M)

Conditional

CUST (M)	LSO (M)	NOR (M)
RPON (M)	SUP (M)	VER (M)

Optional

PROJECT (M)	REMARKS (M)	RORD (M)
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ACT= D: EU

Required

AN (M)	NAME (M)	PG_OF_ (M)
PON (M)		

ACT Tables: Reqtyp A, Commingled-Ordinarily Combined UNEs (OCU) riding Wholesale

Conditional

VER (M)

ACT= N: LSR

Required

ACNA (M)	ACT (M)	ACTL (M)
AN (M)	BAN1 (M)	CC (M)
CCNA (M)	D/TSENT (M)	DDD (M)
IMPCON (M)	IMPCON-TEL NO. (M)	INIT (M)
INIT-FAX NO. (M)	INIT-TEL NO. (M)	NC (M)
NCI (M)	PG_OF_ (M)	PON (M)
REQTYP (M)	SC (M)	SECNCI (M)
SPEC (M)	TOS (M)	

Conditional

AI (M)	APOT (M)	BI1 (M)
CUST (M)	DSGCON (M)	DSGCON-CITY (M)
DSGCON-FAX NO. (M)	DSGCON-FLOOR (M)	DSGCON-ROOM/MAIL STOP (M)
DSGCON-STATE (M)	DSGCON-STREET (M)	DSGCON-TEL NO. (M)
DSGCON-ZIP CODE (M)	LSO (M)	NOR (M)
PROJECT (M)	RPON (M)	SUP (M)
VER (M)		

Optional

DRC* (M)	EXP (M)	REMARKS (M)
RORD (M)		

ACT= N: EU

Required

AN (M)	CITY (M)	NAME (M)
PG_OF_ (M)	PON (M)	SASN (M)
STATE (M)	ZIP (M)	

ACT Tables: Reqtyp A, Commingled- Ordinarily Combined UNEs (OCU) riding Wholesale

Conditional

AAI (M)	ACC (M)	IWBAN (M)
IWCON (M)	IWCON-TEL NO. (M)	LD1 (M)
LD2 (M)	LD3 (M)	LV1 (M)
LV2 (M)	LV3 (M)	SANO (M)
SASD (M)	SASF (M)	SASS (M)
SATH (M)	VER (M)	

Optional

IWO* (M)	LCON-NAME (M)	LCON-TEL NO. (M)
REMARKS (M)		

ACT= T: LSR

Required

ACNA (M)	ACT (M)	ACTL (M)
AN (M)	BAN1 (M)	CC (M)
CCNA (M)	D/TSENT (M)	DDD (M)
IMPCON (M)	IMPCON-TEL NO. (M)	INIT (M)
INIT-FAX NO. (M)	INIT-TEL NO. (M)	NC (M)
NCI (M)	PG_OF_ (M)	PON (M)
REQTYP (M)	SC (M)	SECNCI (M)
SPEC (M)	TOS (M)	

Conditional

AI (M)	APOT (M)	BI1 (M)
CUST (M)	DSGCON (M)	DSGCON-CITY (M)
DSGCON-FAX NO. (M)	DSGCON-FLOOR (M)	DSGCON-ROOM/MAIL STOP (M)
DSGCON-STATE (M)	DSGCON-STREET (M)	DSGCON-TEL NO. (M)
DSGCON-ZIP CODE (M)	LSO (M)	NOR (M)
PROJECT (M)	RPON (M)	SUP (M)
VER (M)		

Optional

DRC* (M)	EXP (M)	REMARKS (M)
RORD (M)		

ACT Tables: Reqtyp A, Commingled- Ordinarily Combined UNEs (OCU) riding Wholesale

ACT= T: EU

Required

AN (M)	CITY (M)	NAME (M)
PG_OF_ (M)	PON (M)	SASN (M)
STATE (M)	ZIP (M)	

Conditional

AAI (M)	ACC (M)	IWBAN (M)
IWCON (M)	IWCON-TEL NO. (M)	LD1 (M)
LD2 (M)	LD3 (M)	LV1 (M)
LV2 (M)	LV3 (M)	SANO (M)
SASD (M)	SASF (M)	SASS (M)
SATH (M)	VER (M)	

Optional

IWO* (M)	LCON-NAME (M)	LCON-TEL NO. (M)
REMARKS (M)		

LNA Tables: Reqtyp A, Commingled- OCU 2w ISDN-BRI riding Wholesale

LNA= C: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
LNA (M)	LNUM (M)	LQTY (M)
PG_OF_ (M)	PON (M)	

Conditional

VER (M)

Optional

ECCKT (M)	REMARKS (M)	TSP (M)
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LNA= D: LS

Required

AN (M)	ECCKT (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

LNA= N: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
LNA (M)	LNUM (M)	LQTY (M)
PG_OF_ (M)	PON (M)	

Conditional

ECCKT (M)	IWJK (M)	IWJQ (M)
JK CODE (M)	JK NUM (M)	JK POS (M)
REMARKS (M)	VER (M)	

Optional

JR* (M)	NIDR* (M)	TSP (M)
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LNA Tables: Reqtyp A, Commingled- OCU 2w Voice Grade riding Wholesale

LNA= C: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
LNA (M)	LNUM (M)	LQTY (M)
PG_OF_ (M)	PON (M)	

Conditional

VER (M)

Optional

ECCKT (M)	REMARKS (M)	TSP (M)
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LNA= D: LS

Required

AN (M)	ECCKT (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

LNA= N: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
LNA (M)	LNUM (M)	LQTY (M)
PG_OF_ (M)	PON (M)	

Conditional

ECCKT (M)	IWJK (M)	IWJQ (M)
JK CODE (M)	JK NUM (M)	JK POS (M)
REMARKS (M)	VER (M)	

Optional

JR* (M)	NIDR* (M)	TSP (M)
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LNA Tables: Reqtyp A, Commingled- OCU 4w Voice Grade riding Wholesale

LNA= C: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
CHAN/PAIR 2 (M)	LNA (M)	LNUM (M)
LQTY (M)	PG_OF_ (M)	PON (M)

Conditional

VER (M)

Optional

ECCKT (M)	REMARKS (M)	TSP (M)
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LNA= D: LS

Required

AN (M)	ECCKT (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

LNA= N: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
CHAN/PAIR 2 (M)	LNA (M)	LNUM (M)
LQTY (M)	PG_OF_ (M)	PON (M)

Conditional

ECCKT (M)	IWJK (M)	IWJQ (M)
JK CODE (M)	JK NUM (M)	JK POS (M)
REMARKS (M)	VER (M)	

Optional

JR* (M)	NIDR* (M)	TSP (M)
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LNA Tables: Reqtyp A Commingled-, OCU 56 / 64 kbps riding Wholesale

LNA= C: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
CHAN/PAIR 2 (M)	LNA (M)	LNUM (M)
LQTY (M)	PG_OF_ (M)	PON (M)

Conditional

VER (M)

Optional

ECCKT (M)	REMARKS (M)	TSP (M)
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LNA= D: LS

Required

AN (M)	ECCKT (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

LNA= N: LS

Required

AN (M)	CABLE ID (M)	CHAN/PAIR (M)
CHAN/PAIR 2 (M)	LNA (M)	LNUM (M)
LQTY (M)	PG_OF_ (M)	PON (M)

Conditional

ECCKT (M)	JK CODE (M)	JK NUM (M)
JK POS (M)	REMARKS (M)	VER (M)

Optional

NIDR* (M)	TSP (M)
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LNA Tables: Reqtyp A, Commingled-OCU DS-1 riding Wholesale

LNA= C: LS

Required

AN (M)	CFA (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

Optional

ECCKT (M)	REMARKS (M)	TSP (M)
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LNA= D: LS

Required

AN (M)	ECCKT (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

LNA= N: LS

Required

AN (M)	CFA (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

ECCKT (M)	IWJK (M)	IWJQ (M)
JK CODE (M)	JK NUM (M)	JK POS (M)
REMARKS (M)	VER (M)	

Optional

JR* (M)	NIDR* (M)	TSP (M)
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LNA Tables: Reqtyp A, Commingled- OCU DS-3/STS- riding Wholesale 1

LNA= C: LS

Required

AN (M)	CFA (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

Optional

ECCKT (M)	REMARKS (M)	TSP (M)
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LNA= D: LS

Required

AN (M)	ECCKT (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

VER (M)

LNA= N: LS

Required

AN (M)	CFA (M)	LNA (M)
LNUM (M)	LQTY (M)	PG_OF_ (M)
PON (M)		

Conditional

ECCKT (M)	IWJK (M)	IWJQ (M)
JK CODE (M)	JK NUM (M)	JK POS (M)
VER (M)		

Optional

JR* (M)	NIDR* (M)	REMARKS (M)
TSP (M)		