
BellSouth Interconnection Services

675 West Peachtree Street
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Carrier Notification**SN91084145**

Date: July 14, 2004

To: Competitive Local Exchange Carriers (CLEC)

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

This notification is to advise that the documentation defects identified below were published in the LOH Version 16.0.

CCP Number	Description Of The Change
1818	Remove the ACT=C and T from the If ACT is tables for DS3 and STS1 on REQ TYP A. Those ACTs are not valid for this product.
1820	Aligned the General Section of the LOH ACT types with the Data Dictionary LSR section of the LOH.
1822	When UNE LSRs are submitted manually, we need to make RMKS field on LSR page required when NIDR or JR field is populated on the Loop Service (LS) page. RMKS should be populated with desired Non-Basic wiring USOC (i.e. RW2) and/or Rearrange Outside Wiring USOC (RWW) as appropriate.

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

These changes were reflected in the update of the TCIF 9 Release 16.0/LOH Version **16.0a** that was posted on May 21, 2004.

A summary of all changes within this document is 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

Attachment

CCP 1818 Attachment Listed Below

(Non-Channelized) DS3 and STS1

Product Listing

DS-1, DS-3 and STS-1 Loops, Local Channels and 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 Local Channel
- Non-Channelized DS-3 Local Channel
- Non-Channelized STS-1 Local 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 channelized or non-channelized transmission path from the end user (EU) to the end user serving wire center (EU SWC). The CLEC must be collocated in the EU SWC. Currently, the following 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.

Local Channel Description

The **local channel** provides a dedicated channelized or non-channelized transmission path from the CLEC Point-of-Presence (POP) to the point-of-presence serving wire center (POP SWC). The CLEC must be collocated in the POP SWC. Currently, six product offerings are available for these local channels:

Non-Channelized DS-3 Local Channel: The non-channelized DS-3 local channel is identical to the channelized DS-3 local 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 Local Channel: The non-channelized STS-1 local channel is identical to the channelized STS-1 local 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.

Interoffice Channel Description

The **interoffice channel** provides a dedicated channelized or non-channelized transmission path from one Central Office to another. The CLEC must be collocated at both ends of the interoffice channel. Currently, the following product offerings are available for these interoffice channels:

- **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-1, DS-3 and STS-1 Loops, Local Channels and Interoffice Channels												
SI	LSR	Hunting	EU	DL	DSCR	RS	DRS	PS	NP	LS	LSNP	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 and Local Channel UNEs. SI is not required for all other DS-1 UNEs.

EU form is required for Non-Channelized Loops, Local Channels, and Interoffice Channels. EU form is not required for all Channelized Local Channels and 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 who 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 Channel or Local Loop Mileage - if a local loop or local channel 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. Please contact your Local SupportManager (LSM) to obtain the form.*

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

CCP 1820 Attachment Listed Below

Types of Activities - Listing and Description

Generally, there are two distinct levels of activity types that apply to most of the REQTYPs: account and line level activities.

Account Level Activities (ACT) apply to all of the Request Types (REQTYPs). Line Level Activities apply to all of the REQTYPs *except* for J (Directory Listing) and N (DID Resale Service).

Account Level Activities

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

N = New installation ~~and/or account~~

C = Change/**Modification to an existing service** ~~an existing account (e.g., Rearrangement, Partial disconnect or addition)~~

Note:

If NPT = D, this ACT is used for INP to LNP conversions.

D = Disconnection

T = ~~Outside move of end user location or Inside Move~~ **Move of an end user location to a new location, where LSP is not changing.**

R = Record activity ~~is for~~-ordering administrative changes

V = ~~Full Conversion of service as specified to new Local Service Provider (LSP)~~ **Full Conversion of service to a new LSP as specified (Resale or Facility Based)**

S = ~~Seasonal suspend partial account or restore partial account~~ **Suspend/restore partial account**

B = Restore FULL Account ~~or~~-Restore Denied Account

W = Full Conversion of service **to new LSP as is**

L = Seasonal Suspension of full account

Y = Deny ~~(non-payment)~~

P = ~~Conversion of service as specified~~-Partial Migration - ~~(Initial)~~

Q = ~~Conversion of service as specified~~-Partial Migration - ~~(Subsequent)~~

Line Level Activities

Line level activities (LNA) apply to the specified line only. The valid LNAs are listed below:

N = New Installation (e.g., new line or additional line)

C = Change or Modification to an Existing Line

D = Disconnection

G = Conversion or Migration to new LSP **as specified** (specify ALL FEATURES requested for conversion service)

T = Move of existing line with or without a telephone number change

X = Telephone Number Change
V = Conversion or Migration to new LSP **as specified** (specify only those changes from existing service)
W = Conversion or Migration **as is**
P = PIC Change
L = Seasonal Suspend
B = Restore

Feature Level Activities

In addition to account and line level activities, **feature level activities (FA)** are used for REQTYPs E, F, and M. The following codes apply only to the features that distinguish how a specific line should function:

N = Add/Install
C = Change
D = Delete

Activities for LACT and DACT Fields:

Activities for directory listings and directory delivery are listed below.

Listing activities (LACT) for Directory Listings:

N= New Listing
D = Delete Listing
I = Change Listing (new data to be inserted)
O= Change Listing (old data)
Z = No Change to listing

Delivery activities (DACT) for Directory Delivery:

N= New Directory Delivery
D = Delete Directory Delivery*
I = Change Directory Delivery (new data to be inserted)*
O = Change Directory Delivery (old data)*

Note:

**DACTs of D, I and O are applicable to MANUAL orders only.*

Activities Unique to REQTYP N

REQTYP N uses *unique* activities instead of the more common line and feature level activities. These activities are listed below.

DID trunk group activities (DTKACT) for REQTYP N:

N = New/Add
C = Change
V = Conversion as specified
W = Conversion as is (Partial Migrations only)

Hunting Activities

Similarly, Hunting, an optional feature within REQTYPs E, F, and M, uses *unique* Group and Line Level Activities. These codes are listed below.

Hunting group activities (HA) for Hunting:

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

Hunting line level activities (HLA) for Hunting:

N = New/Install

E = Existing/No Change

D = Disconnect/Delete

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.

Hunting line level activities (HLA) for Hunting:

N = New/Install

E = Existing/No Change

D = Disconnect/Delete

The aforementioned activities will determine how each of the forms/screens in the next section must be populated. The activities are listed above as a reference and will be explained in greater detail when applicable.

CCP 1822 Attachment Listed Below

Reqtyp A, E, M, P: Wiring Non-Basic

Wiring Non-Basic

Product Listing

Reqtyps A, E, M, P: Non-Basic Wire

Non-Basic Inside wire includes telecommunications wire and associated material, and station wire or cable, located on the customer side of the Network Interface or Demarcation point. Outside wire includes drop wires, protector, and/or Network Interface/Demarcation point located before the customer side of the Network Interface.

CLECs are responsible for providing wiring for their End User.

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 Reqtyps A, E, M, P: Non-Basic Wire												
SI	LSR	Hunting	EU	DL	DSCR	RS	DRS	PS	NP	LS	LSNP	Proprietary
	R		R			C [1]		C [2]		C [3]		C [4]
R = Required C = Conditional O = Optional												

[1] or [4] = Required when the REQTYYP is "E"

[3] = Required when the REQTYYP IS "A"

[4] = Required when the REQTYYP is "M"

[4] = Centrex/ESSX/MultiServ Form required when the REQTYYP is "P"

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 Reqtyps A, E, M, P: Non-Basic Wire												
N	C	D	T	R	V	S	B	W	L	Y	P	Q
-	X	-	-	-	-	-	-	-	-	-	-	-
Note: "X" denotes valid account level activities. A dash (-) indicates a non-valid account level activity.												

Note: For all other ACTTYPs, refer to the Product Specific Ordering Document.

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 RS, LS, LSNP, and PS Forms/Screens

The Resale Service (RS), Loop Service (LS), Loop Service with Number Portability (LSNP) or Port Service (PS) forms will be **required** per type of product services requesting.

Each account level activity has valid Line Level Activities (LNAs). These LNAs determine how, or if, the 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 form/screen usage for this service.

If ACT is:	Then LNA is	And RS, LS, LSNP, PS forms are:
C	C	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.

ACT and LNA Tables

REQTYP A, E, M, P / ACT C

LSR-REQTYPs A, E, M, P / ACT C (Non-Basic Wire)		
Required	Conditional	Optional
CCNA (m)	VER (m)	APPTIME-DDD (m)
PON (m)	SUP (m)	RPON (m)
AN (m) or ATN (m)	CUST (m)	RORD (m)
PG_OF_ (m)	LOCQTY (m)	EXP (m)
SC="LCSC" (m)	BII (m)	SCA (m)
D/TSENT (m)	PROJECT (m)	ALT-IMP CON (m)

LSR-REQTYPs A, E, M, P / ACT C (Non-Basic Wire)		
Required	Conditional	Optional
DDD (m)	REMARKS (m)	ALT-IMPCON-TELNO. (m)
BAN1 (m)		REMARKS (m)
REQTYP="AB, EB, MB, PB" (m)		
ACT="C" (m)		
CC (m)		
TOS (m)		
INIT (m)		
INIT-TELNO. (m)		
INIT-FAXNO. (m)		
IMPCON (m)		
IMPCON-TELNO. (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

EU-REQTYP A, E, M, P / ACT C (Non-Basic Wire)		
Required	Conditional	Optional
PON (m)	VER (m)	ACC (m)
AN (m) or ATN (m)	SASF (m)	EU-FLOOR (m)
PG_OF_ (m)	SASD (m)	EU-ROOM (m)
EU-NAME (m)	SATH (m)	EU-BLDG (m)
SANO (m) or SADLO (m)	SASS (m)	LCON-NAME (m)
SASN (m)	IWBAN (m)	LCON-TELNO. (m)
EU-CITY (m)	IWCON (m)	IWO* (m)
EU-STATE (m)	IWCON-TELNO. (m)	
EU-ZIPCODE (m)		
LOCNUM (Header) (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

Forms LNA = C - Non-Basic Wire SITUATION: Request Non-Basic Inside Wiring		
Required	Conditional	Optional
PON (m)	VER (m)	REMARKS (m)

Forms LNA = C - Non-Basic Wire SITUATION: Request Non-Basic Inside Wiring		
Required	Conditional	Optional
AN (m) or ATN (m)	JK NUM (m)	
LQTY (m)	JK POS (m)	
PG_OF_ (m)		
LNUM (m)		
LNA = "C" (m)		
JR (m)		
IWJK (m)		
IWJQ (m)		
TNS (m) or 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

Forms LNA = C -Non-Basic Wire SITUATION: Request Network Interface Device-NID		
Required	Conditional	Optional
PON (m)	VER (m)	REMARKS (m)
AN (m) or ATN (m)		
LQTY (m)		
PG_OF_ (m)		
LNUM (m)		
LNA = "C" (m)		
NIDR		
JKNUM		
JKPOS		
JK CODE		
TNS (m) or 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

Forms LNA = C - Non-Basic Wire SITUATION: Request Non-Basic Inside Wire and Non-Standard NID		
Required	Conditional	Optional
PON (m)	VER (m)	REMARKS (m)
AN (m) or ATN (m)		
LQTY (m)		

Forms LNA = C - Non-Basic Wire SITUATION: Request Non-Basic Inside Wire and Non-Standard NID		
Required	Conditional	Optional
PG_OF_ (m)		
LNUM (m)		
LNA = "C" (m)		
JKCODE (m)		
JKNUM (m)		
JKPOS (m)		
JR (m)		
NIDR (m)		
IWJK (m)		
IWJQ (m)		
TNS (m) or 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

Forms LNA = C - Non-Basic Wire SITUATION: Request to Rearrange Outside Wire		
Required	Conditional	Optional
PON (m)	VER (m)	REMARKS (m)
AN (m) or ATN (m)		
LQTY (m)		
PG_OF_ (m)		
LNUM (m)		
LNA = "C" (m)		
NIDR		
JK CODE		
JK NUM		
JK POS		
TNS (m) or 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

REMARKS - Remarks (LSR form/screen)

Definition

Identifies a free flowing field which can be used to expand upon and clarify other data on this form/screen.

Definition Notes

None

Valid Entries

None

Valid Entry Notes

None

Data Characteristics

Manual: Up to 160 alpha/numeric characters

Electronic: Up to 240 alpha/numeric characters

Examples

SUP DELETED ESX ESF TN 111-456-7890

Conditional Usage Notes

Note 1: Required when the 2nd character of the TOS is "R" and the ACT= C, N, P, Q or V.

Note 2: Required when REQTYP=A with ACT=C and the NIDR and/or JR fields are populated with Y.

Business Rules

Rule 1: Virgules (/) and asterisks (*) are not allowed in this field.

Rule 2: The CLEC may enter Remarks which is a free flowing field which may be used to expand or clarify text data on the LSR.

Rule 3: BellSouth® does not edit this field for alpha/numeric content.

Manual:

Rule 4: On REQTYP A where TOS 2nd character = P or R and the splitter resides inside the DLEC cage (Splitter LOC I), populate this field with CTI=B.

Rule 5: On REQTYP A where TOS 2nd character =P or R and the splitter resides inside the DLEC cage (Splitter LOC I), populate this field with CABLE ID2. (DLEC Collocated Cable ID- indicates CA for voice only cross connect).

Rule 6: On REQTYP A where TOS 2nd character = P or R and the splitter resides inside the DLEC cage (Splitter LOC I), populate with CHAN/PR2 (DLEC Collocated Cable ID-indicates CA for voice only cross connect).

Rule 7: On REQTYP A where TOS 2nd character = P or R and the splitter resides inside the DLEC cage (Splitter LOC I), populate this field with RESID = FRN.

Rule 8: On a REQTYP C, ACT of V; for PRI and Channelized Megalinks®; when ALL numbers are disconnecting or porting, the Remarks section must be populated with information concerning the disposition of the pipe.

Electronic:

Rule 9: When ordering SynchroNet®, populate this field with CKL2 information;
i.e.- End User Name, End User Address, Contact Person, Contact Telephone Number.

LSOG 4 TCIF

Reqtyp	Product	LNA	Form	NIDR?	REMARKS?	Status	Manual
A	Universal Digital Channel (UDC)	N	LS	NIDR	REMARKS	O	M
A	Universal Digital Channel (UDC)	C	LS	NIDR	REMARKS	O	M
A	xDSL Loops	N	LS	NIDR	REMARKS	O	M
A	xDSL Loops	V	LS	NIDR	REMARKS	O	M
A	Analog Non-Designed Loop	N	LS	NIDR	REMARKS	O	M
A	Analog Non-Designed Loop	C	LS	NIDR	REMARKS	O	M
A	Digital Data Designed Loop (DS0)	N	LS	NIDR	REMARKS	O	M
A	Digital Data Designed Loop (DS0)	C	LS	NIDR	REMARKS	O	M
A	Digital Designed Loop (Basic Rate ISDN)	N	LS	NIDR	REMARKS	O	M
A	Digital Designed Loop (Basic Rate ISDN)	C	LS	NIDR	REMARKS	O	M
A	Analog Non-Designed Loop	V	LS	NIDR	REMARKS	O	M
A	Analog Designed Loop	N	LS	NIDR	REMARKS	O	M
A	Analog Designed Loop	C	LS	NIDR	REMARKS	O	M
A	Unbundled Copper Loop – Designed (UCL)	N	LS	NIDR	REMARKS	O	M
A	Unbundled Copper Loop – Designed (UCL)	V	LS	NIDR	REMARKS	O	M
A	Unbundled Copper Loop – Non-Designed (UCL-ND)	N	LS	NIDR	REMARKS	O	M
A	Unbundled Copper Loop – Non-Designed (UCL-ND)	C	LS	NIDR	REMARKS	O	M
A	Unbundled Copper Loop – Non-Designed (UCL-ND)	V	LS	NIDR	REMARKS	O	M
A	Digital Data Designed Loop (DS0)	V	LS	NIDR	REMARKS	O	M
A	Digital Designed Loop (Basic Rate ISDN)	V	LS	NIDR	REMARKS	O	M
A	OCU 2w ISDN-BRI	N	LS	NIDR	REMARKS	O	M
A	Unbundled Dark Fiber (UDF)	N	LS	NIDR	REMARKS	R	M
A	OCU 4w Voice Grade	N	LS	NIDR	REMARKS	O	M
A	OCU DS-1	N	LS	NIDR	REMARKS	O	M
A	OCU DS-3/STS-1	N	LS	NIDR	REMARKS	O	M
A	Channelized DS1, DS3, STS1 local channel and IOC	N	LS	NIDR	REMARKS	O	M
A	OCU 2w Voice Grade	N	LS	NIDR	REMARKS	O	M
A	OCU 56 / 64 kbps	N	LS	NIDR	REMARKS	O	M
A	Non-Channelized DS3 and STS1	N	LS	NIDR	REMARKS	O	M
A	EELs - 2w BRI/ISDN	N	LS	NIDR	REMARKS	O	M
A	EELs - 2w VG	N	LS	NIDR	REMARKS	O	M
A	EELs - 4w VG	N	LS	NIDR	REMARKS	O	M
A	EELs - 56/64 kbps	N	LS	NIDR	REMARKS	O	M



A	EELs - DS-1	N	LS	NIDR	REMARKS	O	M
A	EELs - DS-3	N	LS	NIDR	REMARKS	O	M
A	EELs - STS-1	N	LS	NIDR	REMARKS	O	M
A	Unbundled Sub-Loops	C	LS	NIDR	REMARKS	O	M
A	Unbundled Sub-Loops	N	LS	NIDR	REMARKS	O	M
A	Unbundled Sub-Loops	V	LS	NIDR	REMARKS	O	M
A	xDSL Loops	C	LS	NIDR	REMARKS	O	M