

Competitive Local Exchange Carrier

Southeast UNE Loops

Workbook

February 3, 2009



AT&T Training

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Southeast UNE Loops

Introduction

Notice

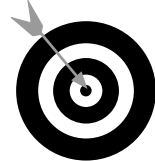
This document applies to the AT&T ILECs listed below.

AT&T Alabama, AT&T Florida, AT&T Georgia, AT&T Kentucky, AT&T Louisiana, AT&T Mississippi, AT&T North Carolina, AT&T South Carolina, AT&T Tennessee, collectively referred to as “AT&T”, “AT&T Southeast Region” for purposes of this document.

Goal

This course is designed to provide an overview of AT&T UNE Loop products and services. It will explain the use of reference materials and forms that will help facilitate manual ordering of AT&T UNE Loop products and services.

Objectives



Upon completion of this course, using the reference material and resources available, you will have the necessary skills and knowledge to:

- Locate product information for UNE Loop products.
 - Demonstrate the use of the reference materials and forms used in ordering UNE Loop products.
 - Complete three written exercises with a goal of 100% accuracy [self-assessed].
 - Access and use the appropriate form(s) to order UNE Loop Req Typ A products.
 - Complete two practice exercises for UNE Loop products with a goal of 100% accuracy [self-assessed].
-

Versions

All version numbers, Web addresses, directions, etc. contained in this course are current as of the date of this workbook. Because CLEC resources are continually updated, some version drift may occur.

Continued on next page

Introduction, Continued

Reference Resources

The three main reference resources used for this course are:

- CLEC Online Handbook
 - Current version of the AT&T 9-State Local Service Ordering Requirements (LSOR)
 - Current version of the AT&T Southeast Region Local Ordering Handbook (LOH)
-

UNE-P/WLP Disclaimer

This Product training is intended to provide to CLECs a product description and general ordering information specific to DS0 Wholesale Local Platform (WLP) Service – UNE Loops.

In accordance with the Federal Communications Commission’s Triennial Review Remand Order (TRRO) and pursuant to Sections 251 and 252 of the Telecommunications Act of 1996 (the “Act”), BellSouth Telecommunications, Inc., d/b/a AT&T Alabama, AT&T Florida, AT&T Georgia, AT&T Kentucky, AT&T Louisiana, AT&T Mississippi, AT&T North Carolina, AT&T South Carolina and AT&T Tennessee (hereinafter referred to “AT&T”) is no longer required to provide UNE Local Switching and UNE-P. AT&T has elected to offer similar services through commercial agreements where the services are referred to as Wholesale Local Switching and Wholesale Local Platform (WLP) services, respectively.

The services described herein shall be provided in the states of Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina and Tennessee.

Detailed ordering guidelines are provided in documents located on the AT&T Wholesale website and CLEC Online. These guidelines may still reference UNE-P, however they are applicable in their entirety to DS0 Wholesale Local Platform (WLP) Service – UNE Loops.

Please contact your AT&T Account Manager, if you have any questions about the information contained herein.

CLEC Resources

Purpose The purpose of this section is to familiarize you with the resources that are available to you.

CLEC Online CLEC Online contains a wealth of information and makes a complete range of resources available to you. Much of the content at CLEC Online is outside the scope of this course; however, you will find it worthwhile to familiarize yourself with this site.

Your primary resource for this training is the CLEC Online Web site. It contains Regional Handbooks and links to AT&T 9-State Local Service Ordering Requirements (LSOR) and AT&T Southeast Region Local Ordering Handbook (LOH). We will examine these resources during this course.

Access CLEC Online now by opening your Web browser. Enter <https://clec.att.com/clec/> in the Address field.

The screenshot shows the CLEC Online website. At the top left is the AT&T logo. To its right is a search bar with the text 'Search' and a magnifying glass icon. Below the logo is a navigation menu with the following items: CLEC Home, ID Certification, Getting Started, Emergency Conditions, Agreements, CLEC Handbook, CLEC Education, Web Listing Look-Up, Perf. Measures, CLEC Specific Reports, IS Call Center, Commercial Agmts, MCPSC, Regulatory, Whats New/Updates, and Secure Area. The main content area has a header 'Welcome to CLEC Online' and four orange buttons: 'CLEC User Forum', 'Change Management Process', 'Accessible Letter Search', and 'Contact Us'. Below the buttons are sections for 'Customer Service Contacts' (listing IS Call Center (ISCC), Local Service Center (LSC), Mechanized Customer Production Support Center (MCPSC), Senior Carrier Account Manager (SrCAM), and Wholesale Support Managers (WSMs)), 'Handbook Job Aid' (listing Mechanized Customer Production Support Center (MCPSC), Senior Carrier Account Manager (SrCAM), and Wholesale Support Managers (WSMs)), and 'Vital Connections, (Disaster Preparedness-Business Continuity)'. The footer contains 'Terms & Conditions', 'Privacy Policy', 'Contact Us', and '© 2007 AT&T Knowledge Ventures. All rights reserved. AT&T is a registered trademark of AT&T Knowledge Ventures.'

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CLEC Resources, Continued

Customer Service Contacts

First, look at the Customer Service Contacts. From the CLEC Online Home page, click on the Customer Service Contacts link.

This document contains a “Who to Call” job aid and information on the functions performed by the individual support groups.

Open the document and review the information included for the groups listed below:

- IS Call Center (ISCC)
- Local Service Center (LSC)
- Mechanized Customer Production Support Center (MCPSC)
- Senior Carrier Account Managers (SrCAMs)
- Wholesale Support Managers (WSMs)

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CLEC Resources, Continued

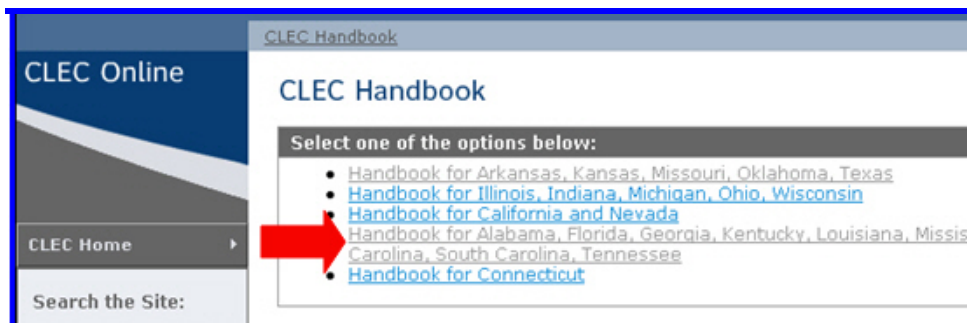
CLEC Handbook

Now go the CLEC Handbook by clicking on the CLEC Handbook link on the left-hand side of the screen.



This will open the CLEC Handbook page where you can select the link for your regional handbook.

Click the **Handbook for Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee** link.



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CLEC Resources, Continued

Transition LOH to LSOR

The three main reference resources used for this course are:

- CLEC Online Handbook
- Current version of the AT&T 9-State Local Service Ordering Requirements (LSOR)
- Current version of the AT&T Southeast Region Local Ordering Handbook (LOH)

As a result of the AT&T and BellSouth merger, AT&T is moving towards 22-state documentation. This impacts the existing AT&T Southeast Region Local Ordering Handbook (LOH) and the AT&T 13-State Local Service Ordering Requirements (LSOR).

As of 11/15/2008, the LOH is available in its entirety and there is a 9-State specific LSOR. The ordering content is the same data, just in a different format. In the future, all portions of the LOH will be incorporated into CLEC Online and the LOH will be retired.

This training will focus on the 9-State LSOR resource for ordering requirements and the LOH for product information.

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CLEC Resources, Continued

LSOR

The primary ordering resource for UNE Loop products is the AT&T 9-State LSOR. It can be accessed from your regional handbook.

To access the current version of the LSOR, click on the Ordering link on the left side of the Handbook for AL, FL, GA, KY, LA, MS, NC, SC, TN.



Use the Click [here](#) link to access the most current versions of the LSOR and LOH.



The Local Exchange Ordering Guides (LOH) and 9-State LSORs page will open.

Scroll down to the AT&T SE (9-State) LSOR-Local Service Ordering Requirements area. There are four volumes.

Download Volumes II, III, and IV to your PC. These will be used later in this training.

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CLEC Resources, Continued

LOH

The product resource for UNE Loop products is the AT&T Southeast Region Local Ordering Handbook (LOH).

From the Local Exchange Ordering Guides (LOH) and 9-State LSORs page, scroll to the AT&T SE (9-State) Guide to the LOH Section Contents table. This provides a list of all the sections of the LOH.

Section	Title	Description
1	Summary Of Changes	Lists all release-related and documentation updates
2	Pre-Ordering	Pre-Ordering Guide (includes PreOrd Transaction Tables, Data Dictionary and Appendix)
3	Ordering	Ordering Guide (includes General Local Service Ordering Information section, R/C/O Tables and Appendix)
4	Data Dictionary	Data Dictionary per LSR Form/Screen, per field (includes Valid Entries, VE Notes, Data Characters, CU Notes and Business Rules etc)
5	Coding Matrices	Extraction of R/C/O tables and Data Dictionary per REQTYPs and Products that can be ordered "electronically".
6	Responses	9-State AT&TSE Responses (includes Response Tables and Response Data Dictionary)
7	NC/NCI Codes	9-state AT&T SE NC/NCI Code web-based database (link)
8	Rejects & Clarifications	9-state AT&T SE Codes & Messages web-based database (link)
9	Interval Guide	Lists Standard Intervals by Products

Below the LOH Section Contents are the LOH Sections presented in PDF format for easy downloading.

Download Section 3: Ordering to your PC. This will be used later in this training.

Transition

Now you know where the resources are located and you have downloaded Volumes II, III, and IV of the LSOR and Section 3 of the LOH. The next section of the course covers the UNE Loop product information.

Product Information

Introduction

This section of the training shows you how to locate UNE Loop product information in Section 3 of the LOH.

There will be some questions regarding what you learned at the end of this section of the training.

Analog Designed Loop

We are going to start with the product review for the Analog Designed Loop.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Analog Designed Loop**.

All the information for Analog Designed Loop is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Analog Non- Designed Loop

We are now going to look at the product review for the Analog Non-Designed Loop.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Analog Non-Designed Loop**.

All the information for Analog Non-Designed Loop is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

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Product Information, Continued

Channelized DS1, DS3, STS1 Local Channel

Review the product information for Channelized DS1, DS3, STS1 Local Channel.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Channelized DS1, DS3, STS1 Local Channel**.

All the information for Channelized DS1, DS3, STS1 Local Channel is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Commingled (Non- Channelized) DS1/STS1 Loops and IOS Connected to Wholesale

Now, let's take a look at the product information for Commingled (Non-Channelized) DS1/STS1 Loops and IOS Connected to Wholesale.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Commingled (Non-Channelized) DS1/STS1 Loops and IOS Connected to Wholesale**.

All the information for Commingled (Non-Channelized) DS1/STS1 Loops and IOS Connected to Wholesale is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

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Product Information, Continued

Commingled- Ordinarily Combined UNEs (OCU)/EELs Connected to Wholesale

Let's look at the product information for Commingled-Ordinarily Combined UNEs (OCU)/EELs connected to Wholesale.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Commingled-Ordinarily Combined UNEs (OCU)/EELs connected to Wholesale**.

All the information for Commingled-Ordinarily Combined UNEs (OCU)/EELs connected to Wholesale is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Digital Data Designed Loop (DS1) and (Non- Channelized) DS1

Now, we are going to look at the product information for Digital Data Designed Loop (DS1) and (Non-Channelized) DS1.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Digital Data Designed Loop (DS1) and (Non-Channelized) DS1**.

All the information for Digital Data Designed Loop (DS1) and (Non-Channelized) DS1 is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

Digital Data Designed Loop (DSO)

Review the product information for Digital Data Designed Loop (DSO).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Digital Data Designed Loop (DSO)**.

All the information for Digital Data Designed Loop (DSO) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Digital Designed Loop (Basic Rate ISDN)

Now, review the product information for Digital Designed Loop (Basic Rate ISDN).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Digital Designed Loop (Basic Rate ISDN)**.

All the information for Digital Designed Loop (Basic Rate ISDN) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

EEL to UNE Re- Termination

OK, now take a look at the product information for EEL to UNE Re-Termination.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **EEL to UNE Re-Termination**.

All the information for EEL to UNE Re-Termination is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

HFS Unbundled CO- based Line Splitting (BST- Owned Splitter)

Let's review the product information for HFS Unbundled CO-based Line Splitting (BST-Owned Splitter).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **HFS Unbundled CO-based Line Splitting (BST-Owned Splitter)**.

All the information for HFS Unbundled CO-based Line Splitting (BST-Owned Splitter) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

HFS Unbundled CO-based Line Splitting (DLEC-Owned Splitter)

Take a look at the product information for HFS Unbundled CO-based Line Splitting (DLEC-Owned Splitter).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **HFS Unbundled CO-based Line Splitting (DLEC-Owned Splitter)**.

All the information for HFS Unbundled CO-based Line Splitting (DLEC-Owned Splitter) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Network Interface Devices (NID)

Review the product information for Network Interface Devices (NID).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Network Interface Devices (NID)**.

All the information for Network Interface Devices (NID) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

Non-Channelized DS3, STS1, and IOC

Now, look at the product information for Non-Channelized DS3, STS1, and IOC.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Non-Channelized DS3, STS1, and IOC**.

All the information for Non-Channelized DS3, STS1, and IOC is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Ordinarily Combined UNEs (OCU) and EELs

Review the product information for Ordinarily Combined UNEs (OCU) and EELs.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Ordinarily Combined UNEs (OCU) and EELs**.

All the information for Ordinarily Combined UNEs (OCU) and EELs is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

RS (Remote Site) HFS Line Share (DLEC-Owned Splitter)

Let's review the product information for RS (Remote Site) HFS Line Share (DLEC-Owned Splitter).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **RS (Remote Site) HFS Line Share (DLEC-Owned Splitter)**.

All the information for RS (Remote Site) HFS Line Share (DLEC-Owned Splitter) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

RS (Remote Site) HFS Line Splitting (DLEC-Owned Splitter)

Look at the product information for RS (Remote Site) HFS Line Splitting (DLEC-Owned Splitter).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **RS (Remote Site) HFS Line Splitting (DLEC-Owned Splitter)**.

All the information for RS (Remote Site) HFS Line Splitting (DLEC-Owned Splitter) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

Single Bandwidth Commingling (SBWC)

Now, review the product information for Single Bandwidth Commingling (SBWC).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Single Bandwidth Commingling (SBWC)**.

All the information for Single Bandwidth Commingling (SBWC) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Unbundled CO- based Line Share (BST- Owned Splitter)

Let's look at the product information for Unbundled CO-based Line Share (BST-Owned Splitter).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled CO-based Line Share (BST-Owned Splitter)**.

All the information for Unbundled CO-based Line Share (BST-Owned Splitter) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

Unbundled CO-based Line Share (DLEC-Owned Splitter) Review the product information for Unbundled CO-based Line Share (DLEC-Owned Splitter).
Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled CO-based Line Share (DLEC-Owned Splitter)**.

All the information for Unbundled CO-based Line Share (DLEC-Owned Splitter) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Unbundled Copper Loop – Designed (UCL) Now, review the product information for Unbundled Copper Loop – Designed (UCL).
Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled Copper Loop – Designed (UCL)**.

All the information for Unbundled Copper Loop – Designed (UCL) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

Unbundled Copper Loop – Non-Designed (UCL-ND)

Let's take a look at the product information for Unbundled Copper Loop – Non-Designed (UCL-ND).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled Copper Loop – Non-Designed (UCL-ND)**.

All the information for Unbundled Copper Loop – Non-Designed (UCL-ND) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Unbundled Dark Fiber (UDF)

Now, look at the product information for Unbundled Dark Fiber (UDF).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled Dark Fiber (UDF)**.

All the information for Unbundled Dark Fiber (UDF) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

Unbundled Network Terminating Wire – UNTW

Now, review the product information for Unbundled Network Terminating Wire – UNTW.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled Network Terminating Wire – UNTW**.

All the information for Unbundled Network Terminating Wire – UNTW is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Unbundled Sub-Loop Feeder

Look at the product information for Unbundled Sub-Loop Feeder.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled Sub-Loop Feeder**.

All the information for Unbundled Sub-Loop Feeder is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

Unbundled Sub-Loops

Review the product information for Unbundled Sub-Loops.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Unbundled Sub-Loops**.

All the information for Unbundled Sub-Loops is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Universal Digital Channel (UDC)

Look at the product information for Universal Digital Channel (UDC).

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **Universal Digital Channel (UDC)**.

All the information for Universal Digital Channel (UDC) is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Continued on next page

Product Information, Continued

xDSL Loops

Finally, let's take a look at the product information for xDSL Loops.

Open your copy of LOH Section 3: Ordering.

Go to Req Typ A and scroll down to locate **xDSL Loops**.

All the information for xDSL Loops is located in this section. It provides a product description with information on the available types. It also covers the order activities that can be performed and indicates by activity how to populate the Local Service Request (LSR) forms.

*Reminder: Read **only** the product listing information at this time. You will learn about the order activities and field entries later in this course.*

Product Information Wrap-Up

**Review
Questions**



Use the available resources to answer the following questions.

Write your response to each question in the “Answer” column to the right of the question. The Answer Key is located on the pages following the questions.

#	Question	Answer
1	<p>Fill in the Blank(s):</p> <p>Two-wire designed loops support only circuits requiring Plain Old Telephone Service (POTS) configurations in _____ direction.</p>	
2	<p>Fill in the Blank(s):</p> <p>This type of two-wire loop provides a medium for voice transmissions capable of handling signals with an approximate bandwidth of 300–3000 Hz between _____ and the _____.</p>	
3	<p>True or False?</p> <p>A DS1 Loop is a four-wire loop that serves as a medium for simultaneous two-way data transmission between AT&T-SE’s central office and the end user location at a digital signaling rate of 1.544 Mb/s.</p>	
4	<p>Fill in the Blank(s):</p> <p>_____ 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.</p>	

Continued on next page

Product Information Wrap-Up, Continued

Review Questions (continued)

#	Question	Answer
5	<p>True or False?</p> <p>Ordinarily Combined UNEs (OCU)/Enhanced Extended Links (EELs) are a UNE combination of Unbundled Dedicated Transport and the Unbundled Local Loop. They may not be ordered without multiplexing functionality.</p>	
6	<p>Fill in the Blank(s):</p> <p>A _____ loop serves as a medium for simultaneous two-way data transmission between BellSouth's central office and the end user location at a digital signaling rate of 1.544 Mb/s.</p> <p>A. One-wire B. Two-wire C. Three-wire D. Four-wire</p>	
7	<p>Fill in the Blank(s):</p> <p>Digital Signal 0 is a loop that serves as a medium for simultaneous two-way data transmission between AT&T-SE's central office and the end user location at a basic digital signaling rate of _____.</p> <p>A. 8 kb/s B. 16 kb/s C. 32 kb/s D. 64 kb/s</p>	

Continued on next page

Product Information Wrap-Up, Continued

Review Questions (continued)

#	Question	Answer
8	<p>Fill in the Blank(s):</p> <p>A network that uses switches and digital transmission paths to establish connections for different services ranging from voice, data, e-mail, and fax is a _____.</p>	
9	<p>Fill in the Blank(s):</p> <p>_____ is defined as a disconnection of the UNE EEL circuit and re-terminating/converting the UNE-L portion of the former EEL circuit to the collocation arrangement in the end user serving wire center (SWC).</p>	
10	<p>Multiple Choice:</p> <p>UNE CO-based Line Splitting is a UNE product consisting of the following components: (Choose all that apply.)</p> <p>A. UNE Voice Port</p> <p>B. UNE Loop Data Link</p> <p>C. Two cross-connects originating at an AT&T Southeast Region Central Office</p> <p>D. Digital Data Port</p>	
11	<p>True or False?</p> <p>CO-based Line Splitting allows the CLEC/DLEC to deliver Line Splitting data service to end users currently receiving voice service from a CLEC utilizing an Unbundled Network Element Platform (UNE-P/WLP), over the high frequency portion of the loop using a CLEC/DLEC Collocated Digital Subscriber Line Access Multiplexer (DSLAM) and splitter equipment.</p>	

Continued on next page

Product Information Wrap-Up, Continued

Review Questions (continued)

#	Question	Answer
12	<p>Multiple Choice:</p> <p>How many types of Network Interface Devices (NIDs) are available?</p> <p>A. Three</p> <p>B. Four</p> <p>C. Five</p> <p>D. Six</p>	
13	<p>Fill in the Blank(s):</p> <p>The _____ provides a dedicated channelized or non-channelized transmission path from the end user (EU) to the end user serving wire center (EU SWC).</p>	
14	<p>True or False?</p> <p>EELS are Enhanced Electric Links that are a UNE combination of Unbundled Dedicated Transport and the Unbundled Local Loop.</p>	
15	<p>True or False?</p> <p>RS HFS (Remote Site) Line Share is a UNE offering intended to allow DLEC/CLECs unbundled access to the upper spectrum or the high frequency portion of a unloaded 2-wire copper loop at the remote site (hut, vault, cev, terminal, etc.).</p>	
16	<p>Fill in the Blank(s):</p> <p>_____ allows the CLEC/DLEC to deliver Line Splitting data service to end users currently receiving voice service from a CLEC utilizing an Unbundled Network Element Platform (UNE-P/WLP).</p>	
17	<p>Fill in the Blank(s):</p> <p>Single Bandwidth Commingling is a combination of Unbundled Dedicated Transport and _____.</p>	

Continued on next page

Product Information Wrap-Up, Continued

Review Questions (continued)

#	Question	Answer
18	<p>True or False?</p> <p>UNE CO-based Line Share is a UNE offering intended to allow DLEC/CLECs access to the upper spectrum or the high frequency portion of a 2-wire copper loop for ISDN services.</p>	
19	<p>True or False?</p> <p>Line Share is a UNE offering that enables the DLEC/CLEC to provide xDSL-based services for the end user customer over the same copper loop that provides the end user's voice service.</p>	
20	<p>True or False?</p> <p>Unbundled Copper Loop (UCL) is a non-dedicated metallic transmission facility from AT&T-SE's MDF (Main Distribution Frame) to a customer's premises.</p>	
21	<p>Fill in the Blank(s):</p> <p>The four types of Unbundled Copper Loops are _____, _____, _____, and _____.</p>	
22	<p>Fill in the Blank(s):</p> <p>The Unbundled Dark Fiber (UDF) arrangement is made up of _____ optical fibers and fiber terminating equipment.</p> <p>A. One B. Two C. Three D. Four</p>	
23	<p>Fill in the Blank(s):</p> <p>The Unbundled Sub-Loop Feeder (USLF) is a _____ facility that AT&T Southeast Region (formerly BellSouth®) provides from a termination point.</p>	

Continued on next page

Product Information Wrap-Up, Continued

Review Questions (continued)

#	Question	Answer
24	<p>Multiple Choice:</p> <p>The Unbundled Network Terminating Wire (UNTW) is: (Choose all that apply.)</p> <ul style="list-style-type: none"> A. xDSL line B. twisted copper pair C. non-designed D. 2-wire or 4-wire 	
25	<p>Multiple Choice:</p> <p>AT&T will make which of the following USL offerings available where facilities exist? (Choose all that apply.)</p> <ul style="list-style-type: none"> A. Unbundled Sub-Loop-Distribution (USL-D) B. Unbundled Sub-Loop-Intrabuilding Network Cable (USL-INC) C. Unbundled Voice Loop D. Unbundled Copper Sub-Loop (UCSL) 	
26	<p>Fill in the Blank(s):</p> <p>_____ is a dedicated digital transmission facility that will allow the end user to send and receive traffic that utilizes technologies such as ISDN.</p>	
27	<p>Multiple Choice:</p> <p>Currently, three offerings are available for xDSL Loops: (Choose all that apply.)</p> <ul style="list-style-type: none"> A. 2-Wire ADSL Capable Loop w/Network Interface Device (NID) B. 4-Wire ADSL Capable Loop w/NID C. 2-Wire HDSL Capable Loop w/NID D. 4-Wire HDSL Capable Loop w/NID 	

Product Information Wrap-Up, Continued

Answer Key

#	Question	Answer
1	<p>Fill in the Blank(s):</p> <p>Two-wire designed loops support only circuits requiring Plain Old Telephone Service (POTS) configurations in _____ direction.</p>	one
2	<p>Fill in the Blank(s):</p> <p>This type of two-wire loop provides a medium for voice transmissions capable of handling signals with an approximate bandwidth of 300–3000 Hz between _____ and the _____.</p>	AT&T-SE's central office; end user location
3	<p>True or False?</p> <p>A DS1 Loop is a four-wire loop that serves as a medium for simultaneous two-way data transmission between AT&T-SE's central office and the end user location at a digital signaling rate of 1.544 Mb/s.</p>	True
4	<p>Fill in the Blank(s):</p> <p>_____ 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.</p>	Commingling

Continued on next page

Product Information Wrap-Up, Continued

Answer Key (continued)

#	Question	Answer
5	<p>True or False?</p> <p>Ordinarily Combined UNEs (OCU)/Enhanced Extended Links (EELs) are a UNE combination of Unbundled Dedicated Transport and the Unbundled Local Loop. They may not be ordered without multiplexing functionality.</p>	False
6	<p>Fill in the Blank(s):</p> <p>A _____ loop serves as a medium for simultaneous two-way data transmission between BellSouth's central office and the end user location at a digital signaling rate of 1.544 Mb/s.</p> <p>A. One-wire B. Two-wire C. Three-wire D. Four-wire</p>	D. Four-wire
7	<p>Fill in the Blank(s):</p> <p>Digital Signal 0 is a loop that serves as a medium for simultaneous two-way data transmission between AT&T-SE's central office and the end user location at a basic digital signaling rate of _____.</p> <p>A. 8 kb/s B. 16 kb/s C. 32 kb/s D. 64 kb/s</p>	D. 64 kb/s

Continued on next page

Product Information Wrap-Up, Continued

Answer Key (continued)

#	Question	Answer
8	<p>Fill in the Blank(s):</p> <p>A network that uses switches and digital transmission paths to establish connections for different services ranging from voice, data, e-mail, and fax is a _____.</p>	Digital Designed Loop (Basic Rate ISDN)
9	<p>Fill in the Blank(s):</p> <p>_____ is defined as a disconnection of the UNE EEL circuit and re-terminating/converting the UNE-L portion of the former EEL circuit to the collocation arrangement in the end user serving wire center (SWC).</p>	EEL to UNE Re-Termination
10	<p>Multiple Choice:</p> <p>UNE CO-based Line Splitting is a UNE product consisting of the following components: (Choose all that apply.)</p> <p>A. UNE Voice Port</p> <p>B. UNE Loop Data Link</p> <p>C. Two cross-connects originating at an AT&T Southeast Region Central Office</p> <p>D. Digital Data Port</p>	A. UNE Voice Port C. Two cross-connects originating at an AT&T Southeast Region Central Office
11	<p>True or False?</p> <p>CO-based Line Splitting allows the CLEC/DLEC to deliver Line Splitting data service to end users currently receiving voice service from a CLEC utilizing an Unbundled Network Element Platform (UNE-P/WLP), over the high frequency portion of the loop using a CLEC/DLEC Collocated Digital Subscriber Line Access Multiplexer (DSLAM) and splitter equipment.</p>	True

Continued on next page

Product Information Wrap-Up, Continued

Answer Key (continued)

#	Question	Answer
12	<p>Multiple Choice:</p> <p>How many types of Network Interface Devices (NIDs) are available?</p> <p>A. Three B. Four C. Five D. Six</p>	D. Six
13	<p>Fill in the Blank(s):</p> <p>The _____ provides a dedicated channelized or non-channelized transmission path from the end user (EU) to the end user serving wire center (EU SWC).</p>	Local Loop
14	<p>True or False?</p> <p>EELS are Enhanced Electric Links that are a UNE combination of Unbundled Dedicated Transport and the Unbundled Local Loop.</p>	False
15	<p>True or False?</p> <p>RS HFS (Remote Site) Line Share is a UNE offering intended to allow DLEC/CLECs unbundled access to the upper spectrum or the high frequency portion of a unloaded 2-wire copper loop at the remote site (hut, vault, cev, terminal, etc.).</p>	True
16	<p>Fill in the Blank(s):</p> <p>_____ allows the CLEC/DLEC to deliver Line Splitting data service to end users currently receiving voice service from a CLEC utilizing an Unbundled Network Element Platform (UNE-P/WLP).</p>	Remote Site Line Splitting
17	<p>Fill in the Blank(s):</p> <p>Single Bandwidth Commingling is a combination of Unbundled Dedicated Transport and _____.</p>	Special Access

Continued on next page

Product Information Wrap-Up, Continued

Answer Key (continued)

#	Question	Answer
18	<p>True or False?</p> <p>UNE CO-based Line Share is a UNE offering intended to allow DLEC/CLECs access to the upper spectrum or the high frequency portion of a 2-wire copper loop for ISDN services.</p>	False
19	<p>True or False?</p> <p>Line Share is a UNE offering that enables the DLEC/CLEC to provide xDSL-based services for the end user customer over the same copper loop that provides the end user's voice service.</p>	True
20	<p>True or False?</p> <p>Unbundled Copper Loop (UCL) is a non-dedicated metallic transmission facility from AT&T-SE's MDF (Main Distribution Frame) to a customer's premises.</p>	False
21	<p>Fill in the Blank(s):</p> <p>The four types of Unbundled Copper Loops are _____, _____, _____, and _____.</p>	2-Wire UCL-S, 2-Wire CL-L, 4-Wire UCL-S, 4-Wire UCL-L
22	<p>Fill in the Blank(s):</p> <p>The Unbundled Dark Fiber (UDF) arrangement is made up of _____ optical fibers and fiber terminating equipment.</p> <p>A. One B. Two C. Three D. Four</p>	D. Four
23	<p>Fill in the Blank(s):</p> <p>The Unbundled Sub-Loop Feeder (USLF) is a _____ facility that AT&T Southeast Region (formerly BellSouth®) provides from a termination point.</p>	Dedicated Transmission

Continued on next page

Product Information Wrap-Up, Continued

Answer Key (continued)

#	Question	Answer
24	<p>Multiple Choice:</p> <p>The Unbundled Network Terminating Wire (UNTW) is: (Choose all that apply.)</p> <p>A. xDSL line B. twisted copper pair C. non-designed D. 2-wire or 4-wire</p>	<p>B. twisted copper pair C. non-designed D. 2-wire or 4-wire</p>
25	<p>Multiple Choice:</p> <p>AT&T will make which of the following USL offerings available where facilities exist? (Choose all that apply.)</p> <p>A. Unbundled Sub-Loop-Distribution (USL-D) B. Unbundled Sub-Loop-Intrabuilding Network Cable (USL-INC) C. Unbundled Voice Loop D. Unbundled Copper Sub-Loop (UCSL)</p>	<p>B. Unbundled Sub-Loop-Intrabuilding Network Cable (USL-INC)</p>
26	<p>Fill in the Blank(s):</p> <p>_____ is a dedicated digital transmission facility that will allow the end user to send and receive traffic that utilizes technologies such as ISDN.</p>	<p>Universal Digital Channel</p>
27	<p>Multiple Choice:</p> <p>Currently, three offerings are available for xDSL Loops: (Choose all that apply.)</p> <p>A. 2-Wire ADSL Capable Loop w/Network Interface Device (NID) B. 4-Wire ADSL Capable Loop w/NID C. 2-Wire HDSL Capable Loop w/NID D. 4-Wire HDSL Capable Loop w/NID</p>	<p>A. 2-Wire ADSL Capable Loop w/Network Interface Device (NID) C. 2-Wire HDSL Capable Loop w/NID D. 4-Wire HDSL Capable Loop w/NID</p>

Continued on next page

Product Information Wrap-Up, Continued

Transition How did you do? Now that you know something about the product information, next you will learn about the order process.

Order Process

Introduction

Now that you have been able to go through the general UNE Loop Req Typ product information, it's time to learn about the order process.

You will learn how to locate the appropriate order information to process manual requests for UNE Loop.

Manual Ordering 22-State

All the information you need to successfully submit manual order requests is located in the CLEC Handbook.

Step	Action
1	Go to the CLEC Handbook.
2	Click Handbook for Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee.
3	Click Forms & Templates.
4	Click Manual Forms (04-19-08).
5	Click Frequently Asked Questions (FAQ).
6	Review the FAQ content carefully.
7	Click Manual Ordering Guidelines.
8	Review the Manual Ordering Guidelines thoroughly.

Continued on next page

Order Process, Continued

Manual Ordering 9- State

Let's also take a look at the basic ordering process information located in the LOH.

Step	Action
1	Access LOH Section 3: Ordering that you downloaded earlier.
2	Locate General Local Service Ordering Information.
3	Locate the Ordering Process topic under General Local Service Ordering Information.
4	Read the entire Ordering Process section.
5	Locate the AT&T Manual LSR Forms topic under General Local Service Ordering Information.
6	Read the entire AT&T Manual LSR Forms section.
7	Locate the Manual and Electronic Ordering topic under General Local Service Ordering Information.
8	Read the Manual Ordering section.

Continued on next page

Order Process, Continued

**Process Flow 9-
State** The basic steps are:

- CLEC prepares typed request on appropriate LSR forms.
 - CLEC e-mails forms to the Local Service Center (LSC) or the CRSG/SSG, depending on the product being ordered.
 - LSC/CRSG/SSG issues the service order.
 - LSC/CRSG/SSG issues the Firm Order Confirmation (FOC) to the CLEC.
 - Service is installed.
-

Continued on next page

Order Process, Continued

Due Date Process

The next process you will learn about is Due Dates. The information you need can be found in the LOH under Section 9: Interval Guide.

Note: You may want to save this document to your computer for future reference. Always make sure you have the most current version of any file you elect to save.

Step	Action
1	Go to the CLEC Online and click on the CLEC Handbook link on the left side of the screen.
2	Click Handbook for Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee.
3	Click on the Ordering link on the left side of the screen.
4	Use the Click here link.
5	Scroll to the PDF files of the LOH Sections.
6	Click on Section 9: Interval Guide.
7	Locate the Product Interval Tables.
8	<p>Review the following content:</p> <ul style="list-style-type: none"> • Introduction • Terms and Definitions • Standard Assumptions • Select UNE Network Elements (UNEs) <p>Notice that intervals can vary based on ACT and Quantity.</p>

Continued on next page

Order Process, Continued

CLEC-to-CLEC Conversion

Another process you will need to be aware of is the CLEC-to-CLEC Conversion for:

- Non-Designed Loop
- Designed Loop

Open your copy of LOH Section 3: Ordering, go to Req Typ A, and locate CLEC-to-CLEC Conversion of Non-Designed and Designed Loops.

The information for CLEC-to-CLEC Conversion of Non-Designed and Designed Loops is located in this section. It provides information on the available types.

Address Correction

Now, let's review the information for Address Correction for:

- Non-Designed Products
- Designed Products

Open your copy of LOH Section 3: Ordering, go to Req Typ A, and locate Address Correction of Non-Designed and Designed Products.

The information for Address Correction of Non-Designed and Designed Products is located in this section. It provides information on the restrictions and applicable products, as well as ordering information.

Continued on next page

Order Process, Continued

**Rearrange
Outside Wiring
of Existing
Designed Loop**

Let's review the information for Rearrange Outside Wiring of Existing Designed Loop.

Open your copy of LOH Section 3: Ordering, go to Req Typ A, and locate Rearrange Outside Wiring of Existing Designed Loop.

The information for Rearrange Outside Wiring of Existing Designed Loop is located in this section. It provides information on the restrictions and applicable products, as well as ordering information.

**UNE Loop
(UNE-L) Bulk
Migration to
UNE EELs
(UNE-E)**

Now, review the information for UNE Loop (UNE-L) Bulk Migration to UNE EELs (UNE-E).

Open your copy of LOH Section 3: Ordering, go to Req Typ A, and locate UNE Loop (UNE-L) Bulk Migration to UNE EELs (UNE-E).

The information for UNE Loop (UNE-L) Bulk Migration to UNE EELs (UNE-E) is located in this section. It provides information on the restrictions and applicable products, as well as ordering information.

Continued on next page

Order Process, Continued

NC/NCI Tool The next process you will learn about is how to obtain the correct NC, NCI, and SECNCI codes for ordering loop services.

To locate the NC/NCI Tool, complete the steps below:

Step	Action
1	Go to the CLEC Handbook.
2	Click Handbook for Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee.
3	Click Ordering.
4	Click Tools, Forms & Reports on the left side of the page.
5	Locate the NC/NCI section and click Launch.
6	The NC/NCI Codes and Messages page appears. Notice that there are two ways to locate NC codes: by All Products or by single product.

Continued on next page

Order Process, Continued

NC Codes (All Products)

Use this option if you aren't sure of the product name.

Click on NC Codes (All Products). You will be presented with a list of all products in alphabetical order.

The list provides the following ordering information:

- NC
- NCI
- SECNCI
- BCS
- TOS SPEC

NC Codes (Single Product)

Use the Single Product option when you know the product name.

This search option also gives you the ability to search by the NC, NCI, and SECNI code.

Step	Action
1	Click NC Codes (Single Product).
2	Go to the Enter a Product field and click on the Autofill link.
3	The Autofill Product window will open.
4	Click on the down arrow to the right of the "select an item" field. You will be presented with a drop-down menu listing all the products.
5	Select the Analog Voice Designed Loop. This populates the field.
6	Close the window. You will be returned to the Search screen.
7	Click on Search.
8	Review the results.

Order Process Wrap-Up

Review Questions



Use the available resources to answer the following questions.

Write your response to each question in the “Answer” column to the right of the question. The Answer Key is located on the pages following the questions.

#	Question	Answer
1	<p>Multiple Choice:</p> <p>Which section(s) in the LOH outlines the ordering process for UNE Loop?</p> <p>A. 1 and 2</p> <p>B. 2 and 3</p> <p>C. 3 and 4</p> <p>D. Only Section 4</p>	
2	<p>List the Answers:</p> <p>List the three basic forms that are required when ordering UNE Loop Req Typ A.</p>	
3	<p>True or False?</p> <p>When manually ordering UNE Loop products and services, you will send the LSR via e-mail to the LCSC/CRSG because it will be rejected if it is faxed.</p>	
4	<p>Multiple Choice:</p> <p>In the Ordering Section of the LOH, which REQTYP would you choose for UNE Loop?</p> <p>A. E</p> <p>B. M</p> <p>C. A</p> <p>D. Z</p>	

Continued on next page

Order Process Wrap-Up, Continued

Review Questions (continued)

#	Question	Answer
5	<p>Multiple Choice:</p> <p>CLEC-to-CLEC conversions for Req Typ A designed and non-designed loops use which ACT type?</p> <p>A. E</p> <p>B. M</p> <p>C. W</p> <p>D. R</p>	
6	<p>Multiple Choice:</p> <p>Address Correction for Non-Designed and Designed Products is limited to Req Typ A, E, M, or N with which ACT type?</p> <p>A. E</p> <p>B. M</p> <p>C. W</p> <p>D. R</p>	
7	<p>True or False?</p> <p>When you have a Rearrange Outside Wiring of Existing Designed Loop, the LS form is not required.</p>	
8	<p>Fill in the Blank(s):</p> <p>The _____ will be submitted on a AT&T Southeast Region (formerly BellSouth®) customized manual form used specifically for UNE-L to UNE-E Bulk migrations (ULUE).</p>	

Continued on next page

Order Process Wrap-Up, Continued

Review Questions (continued)

#	Question	Answer
9	True or False? All forms in the LSR package can either be typed or handwritten.	

Continued on next page

Order Process Wrap-Up, Continued

Answer Key

#	Question	Answer
1	<p>Multiple Choice:</p> <p>Which section(s) in the LOH outlines the ordering process for UNE Loop?</p> <p>A. 1 and 2</p> <p>B. 2 and 3</p> <p>C. 3 and 4</p> <p>D. Only Section 4</p>	C
2	<p>List the Answers:</p> <p>List the three basic forms that are required when ordering UNE Loop Req Typ A.</p>	<p>1. LSR</p> <p>2. EU</p> <p>3. RS</p>
3	<p>True or False?</p> <p>When manually ordering UNE Loop products and services, you will send the LSR via e-mail to the LCSC/CRSG because it will be rejected if it is faxed.</p>	True
4	<p>Multiple Choice:</p> <p>In the Ordering Section of the LOH, which REQTYP would you choose for UNE Loop?</p> <p>A. E</p> <p>B. M</p> <p>C. A</p> <p>D. Z</p>	C. A

Continued on next page

Order Process Wrap-Up, Continued

Answer Key (continued)

#	Question	Answer
5	<p>Multiple Choice:</p> <p>CLEC-to-CLEC conversions for Req Typ A designed and non-designed loops use which ACT type?</p> <p>A. E B. M C. W D. R</p>	C. W
6	<p>Multiple Choice:</p> <p>Address Correction for Non-Designed and Designed Products is limited to Req Typ A, E, M, or N with which ACT type?</p> <p>A. E B. M C. W D. R</p>	D. R
7	<p>True or False?</p> <p>When you have a Rearrange Outside Wiring of Existing Designed Loop, the LS form is not required.</p>	False
8	<p>Fill in the Blank(s):</p> <p>The _____ will be submitted on a AT&T Southeast Region (formerly BellSouth®) customized manual form used specifically for UNE-L to UNE-E Bulk migrations (ULUE).</p>	UNE-L to REQ TYP A UNE-E

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Order Process Wrap-Up, Continued

Answer Key (continued)

#	Question	Answer
9	True or False? All forms in the LSR package can either be typed or handwritten.	False

Transition Now that you know something about the order process, next you will learn about the LSOR.

LSOR

Introduction Earlier you learned about the CLEC Resources available to you for processing service requests. You also downloaded the LOH Section 3 and LSOR Volumes II, III, and IV. Next you will learn how the LOH and LSOR are used to process service requests.

LSOR Volume II Open LSOR Volume II to start the review. This is an important beginning to understanding the LSOR. **Do not skip** the review of Volume II.

Read through the first three sections in the following order:

1. General
2. Definitions and Terms
3. Form Description

In the **General section**, pay particular attention to the following:

- Versioning
- Organization and Structure
- Forms Provided

In the **Definition and Terms section** you will find all the form names and a definition.

The **Forms Description section** is very important and critical to your understanding of the LSOR format and the business rules.

Review the following sections thoroughly:

- 3.1 Field Representation
- 3.2 Req Typ and Activity (Codes)
- 3.3 Activity Definitions

Continued on next page

LSOR, Continued

LOH Section 3 Now that you are familiar with LSOR Volume II, next you will go back and review additional content in the LOH Section 3.

In addition to the product information, this section contains information about the required forms you learned about in LSOR Volume II. It also covers the order activities and required proprietary forms to process service requests in the AT&T 9-State region.

- Open your copy of LOH Section 3: Ordering.
- Go to Req Typ A.

All the information for UNE Loop is located in this section. You have already reviewed the product information.

Now you will learn about the required Local Service Request (LSR) forms for the specific service request.

- Go to Ordering Forms/Screens. The chart illustrates the required, conditional and optional forms/screens. Detailed information follows to assist you in filling out these forms/screens.
- Identify the required and conditional forms for the **UNE Loop**, Req Typ A.
- Write down the required form names. This will be used in the next activity.

Important Notes:

Do not review the RCO section in the LOH. This information is duplicated in the current version of the LSOR Volumes III and IV. This training uses the LSOR as the primary resource.

Continued on next page

LSOR, Continued

LSOR Volumes III and IV Now that you are familiar with LSOR Volume II and LOH Section 3, next you will review Volumes III and IV. These volumes contain information regarding the forms you learned about in Volume II.

The information for each form is as follows:

- Form Description
- Form Entries (Alphabetical/Numeric Cross Reference Glossary)
- Form Fields

Step	Action
1	Go to Section 6 for the Local Service Request (LSR) and read Section 6.1, LSR Form Description.
2	Next review Section 6.2, LSR Form Entries paying attention to the Alphabetical/Numeric Cross Reference Glossary. The numbers in the Glossary refer to the numbers on the forms.
3	The numbered LSR form follows the Glossary. Print a copy of the LSR form. This will be used later in this training.
4	Now go to Section 6.3, LSR Form Fields. Each field is numbered to correspond to the numbered form. You will be learning about this in detail in the next activity.
5	Read through the information for the first field CCNA on the LSR form, noting the content. As you learned in LSOR Volume II, the content includes: <ul style="list-style-type: none"> • Usage and Matrix • Notes • Conditions • Data Entry Conditions • Data Characteristics • Field Length • Field Example

Continued on next page

LSOR, Continued

**Activity
Instructions**

Now that you are familiar with the format of the content of LSOR Volumes III and IV, you are ready to learn about the forms you will be using to process service requests for UNE Loop Req Typ A.

This activity is designed to teach you how to use your resources to populate the required order forms for UNE Loop Service Request.

To complete this activity, you will:

- Use the LSOR to identify the required, conditional, and optional (R/C/O) fields in each section of the form.
- Use three different colored highlighters to mark each field as either Required, Conditional, or Optional. (You can use any other method you prefer. The objective is to easily identify the required, conditional, and optional fields.)
- Read through the conditions and field entries for each field.

When you have completed this activity, you should have a numbered form that clearly indicates at a glance the condition of the fields.

Note: You may need multiple copies of some of the forms—print them as you identify the need.

Continued on next page

LSOR, Continued

**Req Typ A
Unbundled
Copper Loop –
Non-Designed
(UCL-ND)
Activity**

This activity covers Req Typ A Unbundled Copper Loop – Non-Designed (UCL-ND). Follow the steps below to complete this activity.

Note: For this activity you will go through each form required for this request. This includes the following forms you identified earlier:

- Local Service Request (LSR)
- End User (EU)
- Loop Services (LS)

Step	Action
1	In LSOR Volume III, locate Chapter 6, Local Service Request (LSR) form.
2	Print the numbered LSR form.
3	Starting with the first field: <ul style="list-style-type: none"> • Mark the LSR form R/C/O fields with the highlighters. • Read the form field information. • Review the Matrix for the specific Req Typ noting the required, prohibited, and conditional entries based on Activity
4	In Volume III of the LSOR, locate Chapter 8, End User (EU) form.
5	Print the numbered EU form.
6	Starting with the first field: <ul style="list-style-type: none"> • Mark the EU form R/C/O fields with the highlighters. • Read the form field information. • Review the Matrix for the specific Req Typ noting the required, prohibited, and conditional entries based on Activity.

Continued on next page

LSOR, Continued

Req Typ A Unbundled Copper Loop – Non-Designed (UCL-ND) Activity (continued)

Step	Action
7	In Volume III of the LSOR, locate Chapter 9, Loop Service (LS) form.
8	Print the numbered LS form.
9	Starting with the first field: <ul style="list-style-type: none"> • Mark the LS form R/C/O fields with the highlighters. • Read the form field information. • Review the Matrix for the specific Req Typ noting the required, prohibited, and conditional entries based on Activity.


Transition

Now you know about the required forms and the field information for UNE Loop Req Typ A. Next you will learn about the manual forms.

Ordering Forms

LSR Manual Form Templates

LSR Manual Forms are available as templates. You can download them to your PC and enter the order information. To obtain the manual form templates, complete the steps below.

Step	Action
1	Go to the CLEC Handbook.
2	Click Handbook for Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee.
3	Click on Forms & Templates.
4	Click on Manual Forms. Note: The effective date will change to reflect updates.
5	Scroll down to the current version of the LSOG 10 LSR Manual Forms section. 
6	Scroll through the list and download the required forms to the desktop of your workstation: <ul style="list-style-type: none"> • Local Service Request (LSR) • End User Service Request (EU) • Loop Service (LS)

LSR Ordering Exercise 1

Introduction to Exercises Now that you have learned about the LSOR and the manual form templates used to process requests, you will complete a practice exercise.

You will type the information on the forms you downloaded earlier.

Instructions First, review the following scenario to determine what LSR Manual Forms are necessary to complete the end user's request. Then make sure the forms are available to you on your PC.

Note: A Directory Listing (DL) form is not required for this example. You will not fill out a DL form for this exercise.

Field details provided in the scenario are for illustrative purposes only. Not all required fields are included. If required information is not available in the scenario, you can populate with your own information.

In some instances, the scenario will include fields that state "Your Choice," so that entries can conform to CLEC preferences.

Use appropriate resources to complete the fields accurately (i.e., CLEC Online, NC/NCI Tool, LOH, LSOR, etc.).

Continued on next page

LSR Ordering Exercise 1, Continued

Scenario – UNE Analog Designed Loop This request is for a new Analog Voice Loop.

Field Details:

- One new Analog Voice Loop
- Two-wire loop start for an end user in wire center ATLNGACSWA1.
- BAN 404 N16-1234-234
- CABLE ID – PZXL2
- CHAN PAIR – 25

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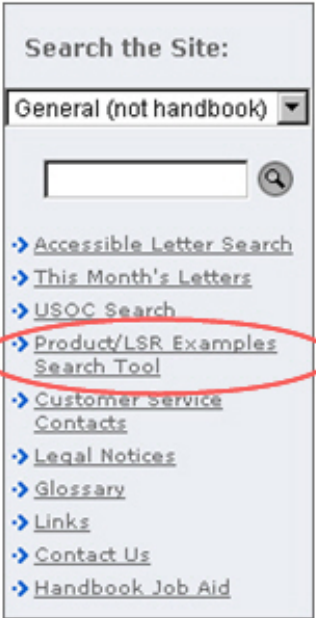
LSR Ordering Exercise 1, Continued

Check Your Answers

Now that you have completed filling out the LSR forms, review your answers with the LSR order examples available in the CLEC Online.

CLEC Online houses LSR order examples to assist you in completing service requests. The examples were used to create the exercises in this course. They are the answer keys and allow you to verify your answers to the exercises.

The examples are another reference resource to use on the job. Access the examples by following the steps below:

Step	Action
1	Go to the CLEC Handbook.
2	Scroll down to locate the Search the Site block on the lower right-hand side of the page.
3	<p>Click on Product/LSR Examples Search Tool.</p>  <p>The screenshot shows a 'Search the Site:' section with a dropdown menu set to 'General (not handbook)'. Below the dropdown is a search input field with a magnifying glass icon. A list of links follows, with 'Product/LSR Examples Search Tool' circled in red. The other links are: Accessible Letter Search, This Month's Letters, USOC Search, Customer Service Contacts, Legal Notices, Glossary, Links, Contact Us, and Handbook Job Aid.</p>

Continued on next page

LSR Ordering Exercise 1, Continued

Check Your Answers (continued)

Step	Action
4	<p>You will be presented with a search criteria screen as shown below.</p> <div data-bbox="548 562 1417 961" style="border: 1px solid black; padding: 5px;"> <p>Product/LSR Examples</p> <hr/> <p style="background-color: #cccccc; padding: 2px;">Provide the search criteria below.</p> <p style="text-align: center;"> LSOR Version: <input type="text" value="Select an LSOR Version"/> </p> <p style="text-align: center;"> Region: <input type="text" value="AT&T Southeast"/> </p> <p style="text-align: center;"> State: <input type="text" value="Select a State"/> </p> <p style="text-align: center;"> Product Classification: <input type="text" value="Select a Classification"/> </p> <p style="text-align: center;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> </p> </div> <p>Enter the details of your request to find examples:</p> <ul style="list-style-type: none"> • LSOR Version: Select the current LSOR version from the drop-down menu. • Region: Select AT&T Southeast from the drop-down menu. • State: Select the applicable state from the drop-down menu. • Product Classification: Select UNE from the drop-down menu. The Product field appears next. • Product: Select Loop. • Click on the Search button.
5	<ul style="list-style-type: none"> • A list of examples for the selected product will appear. • Locate the SE – New UNE Analog Design Loop example. • Click and open the example and review your answers.

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LSR Ordering Exercise 1, Continued

Transition

How did you do? Take a moment to reflect on the exercise you just went through. Go back to your reference materials in the LSOR if necessary.

Next you will work through a request for a UNE Analog Non-Designed Loop.

LSR Ordering Exercise 2

Instructions

First, review the following scenario to determine what LSR Manual Forms are necessary to complete the end user's request. Then make sure the forms are available to you on your PC.

Note: A Directory Listing (DL) form is not required for this example. You will not fill out a DL form for this exercise.

Field details provided in the scenario are for illustrative purposes only. Not all required fields are included. If required information is not available in the scenario, you can populate with your own information.

In some instances, the scenario will include fields that state "Your Choice," so that entries can conform to CLEC preferences.

Use appropriate resources to complete the fields accurately (i.e., CLEC Online, NC/NCI Tool, LOH, LSOR, etc.).

Scenario – UNE Analog Non- Designed Loop

This request is for a new Analog Non-Designed UNE Loop.

Field Details:

- One new Analog Non Design UNE Loop
 - End user is in wire center ATLNGACSWA1.
 - BAN 770 Q92-6355-355
 - CABLE ID – PZXL1
 - CHAN PAIR – 24
-

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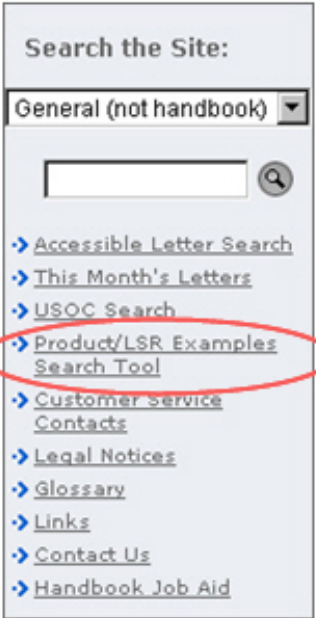
LSR Ordering Exercise 2, Continued

Check Your Answers

Now that you have completed filling out the LSR forms, review your answers with the LSR order examples available in the CLEC Online.

CLEC Online houses LSR order examples to assist you in completing service requests. The examples were used to create the exercises in this course. They are the answer keys and allow you to verify your answers to the exercises.

The examples are another reference resource to use on the job. Access the examples by following the steps below:

Step	Action
1	Go to the CLEC Handbook.
2	Scroll down to locate the Search the Site block on the lower right-hand side of the page.
3	<p>Click on Product/LSR Examples Search Tool.</p>  <p>The screenshot shows a 'Search the Site:' section with a dropdown menu set to 'General (not handbook)'. Below the dropdown is a search input field with a magnifying glass icon. A list of links follows, with 'Product/LSR Examples Search Tool' circled in red. Other links include 'Accessible Letter Search', 'This Month's Letters', 'USOC Search', 'Customer Service Contacts', 'Legal Notices', 'Glossary', 'Links', 'Contact Us', and 'Handbook Job Aid'.</p>

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LSR Ordering Exercise 2, Continued

Check Your Answers (continued)

Step	Action
4	<p>You will be presented with a search criteria screen as shown below.</p> <div data-bbox="548 562 1419 961" style="border: 1px solid black; padding: 10px;"> <p>Product/LSR Examples</p> <p style="background-color: #cccccc; padding: 2px;">Provide the search criteria below.</p> <p style="text-align: center;"> LSOR Version: <input type="text" value="Select an LSOR Version"/> </p> <p style="text-align: center;"> Region: <input type="text" value="AT&T Southeast"/> </p> <p style="text-align: center;"> State: <input type="text" value="Select a State"/> </p> <p style="text-align: center;"> Product Classification: <input type="text" value="Select a Classification"/> </p> <p style="text-align: center;"> <input type="button" value="Search"/> <input type="button" value="Reset"/> </p> </div> <p>Enter the details of your request to find examples:</p> <ul style="list-style-type: none"> • LSOR Version: Select the current LSOR version from the drop-down menu. • Region: Select AT&T Southeast from the drop-down menu. • State: Select the applicable state from the drop-down menu. • Product Classification: Select UNE from the drop-down menu. The Product field appears next. • Product: Select Loop. • Click on the Search button.
5	<ul style="list-style-type: none"> • A list of examples for the selected product will appear. • Locate SE – New UNE Analog Non-Designed Loop example. • Click and open the example and review your answers.

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LSR Ordering Exercise 2, Continued

Transition

How did you do? Take a moment to reflect on the exercise you just went through. Go back to your reference materials in the LSOR if necessary.

Conclusion

You Have the Knowledge!

Congratulations! You are now equipped with the tools you need to successfully process accurate UNE Loop Req Typ A orders!

Using the reference material and resources available, you are now able to:

- Locate information on new UNE Loop Req Typ A services and products.
 - Order UNE Loop Req Typ A services and products.
-