Ordering UNE Services

In this document:

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Overview of UNE Services

With Ziply Fiber **Unbundled Network Elements (UNE) Services**, specific equipment and facilities are "unbundled" from traditional end-to-end services (such as residential dial tone service) in order to allow Competitive Local Exchange Carriers (CLECs) to use components of Ziply Fiber's network. An example of a network element would be a loop connected to a competitive carrier's facilities instead of Ziply Fiber's facilities.

Product Overviews

Loop Service is provided to CLECs who have their own switch and require a loop or connection to their end user's location. The CLEC provides the dial tone and switching service and Ziply Fiber supplies the outside facilities to transport the service to the end user.

The following service type(s) of Loop Service are available:

- Analog 2 Wire *– changes and disconnects only (7/19/2020)*
- Analog 4 Wire *– changes and disconnects only (7/19/2020)*
- Analog 2 Wire Subloop *– changes and disconnects only (7/19/2020)*
- Analog 4 Wire Subloop *– changes and disconnects only (7/19/2020)*
- DSL
- ISDN BRI
- ISDN PRI
- Line Share
- Line Splitting
- Digital 2 Wire
- Digital 4 Wire
- Digital 2 Wire Subloop
- Digital 4 Wire Subloop
- Loop Share

UNE SERVICES OVERVIEW

Loop Service with Number Portability provides CLECs who have their own switch a loop or connection to their end user location. The CLEC provides the dial tone and switching service. Ziply Fiber supplies the outside facilities to transport the service to the end user. This allows the end user to retain the same telephone number regardless of the chosen local service provider.

The following service type(s) of Loop Service are available:

- Loop Service with Number Portability

- Loop Share with Number Portability

Number Portability allows the end user to retain the same telephone number when changing local service providers. Circuits are available in different sizes and speeds.

Port Service
A Port is the switch component by which an end user's telephone line has access to a Ziply Fiber central office switch. A Port Service provides the functions and capabilities of the local switch including telephone number, dial tone, local switching, primary inter-exchange carrier (PIC), 911/E911, and vertical features.

Combined Loop and Port with Cage allows an end user to order a Loop and Port with Cage that includes all features, functions, and capabilities of the transmission facilities and attached electronics.

A line port is the switch component by which an end user's telephone line has access to a Ziply Fiber central office switch. Port services provide dial tone, local switching, access to vertical services. The collocation is within the cage in the central office.

Before Completing Your UNE Order

Action	Resource
Ensure you have proper Interconnection agreement and facilities in place prior to ordering UNE services	Contact your Account Manager
For new or change service you may schedule and review valid due dates.	Use Appointment Scheduling Pre-Order
Identify the appropriate blocking to be applied to the account if you are ordering a block on an end user account.	Use Blocking Matrix
To ensure accurate order submission and E911 database updates, determine valid service address for the end user. Obtain accurate information from the end user and validate by using the appropriate Pre-Order transaction.	Use Address Validation Pre-Order
Determine other order information by completing the appropriate Pre-Order transaction for your order activity type.	See Pre-Order Tutorial
Ensure your order is completed accurately for timely installation.	Use LSR Business Rules which provide complete explanations of how to populate order forms with valid entries.
Ensure Operator Services and Directory Assistance Services (OS/DA) contracts are in place.	Contact your Account Manager for details.

Other Information to consider:

- Provide the correct Network Channel (NC), Network Channel Interfaces (NCI) and Secondary Network Channel Interface (SECNCI) codes. Services cannot be provisioned unless the correct NC/NCI codes are provided.

- Facilities are provided subject to the availability on a first-come first-serve basis in the requested central office. If facilities are not available when a service is requested, the CLEC will be notified via jeopardy. In response to the jeopardy, the CLEC may choose to cancel the order or postpone the date until facilities are available.

- When requesting a new or move of a network interface device (NID), review Ziply Fiber's Business Rules for appropriate values of the NIDR field.

- When placing an order it is essential to format the circuit information correctly according to the specific Ziply Fiber Business Rules.

- The CLEC must provide CFA cable facilities location for the carrier system being connected

- Common Language Circuit Identification (CLCI) is an industry standard method of assigning circuit numbers. There are two standard formats for circuit number identification, Serial Number and Telephone Number format.

- The Serial Number format should be used when the circuit cannot be immediately identified as a telephone number.

- The Telephone Number format will be used only on those circuits that are directly connected to dial tone.

- The Access Collocation Terminal (ACTL) is the 11th character of the CLLI code assigned to every collocation arrangement. It is a required field for ordering a Loop Service.

- The ACTL must be verified by the CLEC prior to issuing an order to determine if it is collocated in the end user's serving wire center.

- The CLEC can verify the ACTL by checking the 11th character against the CLLI code assignments maintained in their records.

- The first 8 characters of the CLLI code define the Ziply Fiber wire center in which the collocation arrangement exists.

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- Codes are Telcordia standard and are located at, Telcordia Technologies.

- Provide Collocation in central office 48 hours prior to Loop Service being installed.

- The term Hot Cut is used to describe the near-simultaneous disconnection of a Ziply Fiber working loop from a port on one carrier's switch, and the reconnection of that loop to a port on a different carrier's switch, without any significant out of service period.

- Service conversion times generally occur between 8:00 A.M. and 8:00 P.M Monday through Friday.

- The time zone applies to the end user location.

- Any scheduling after 8:00 P.M. requires additional negotiation and charges.

- Premise visits are also required on the installation of new and additional Loop Services by a Ziply Fiber Technician.

- Access information should be indicated on the service order.

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- The CLEC reports the intended use of the Subloop (i.e., voice, ADSL, 2-wire HDSL or 4-wire HDSL) on the appropriate fields of the LSR. The CLEC provides Ziply Fiber with the appropriate NC/NCI codes on the LSR. The NC/NCI codes can be found on the NC/NCI Matrix available online.

Change Log

Date	Page Number	Change
6/12/2020	2	Changes and disconnects only on UNE analog loops as of 7/19/2020