

CenturyLink Communications, LLC  
PSC NO. 2 - TELEPHONE  
Competitive Local Exchange Carrier Service  
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Section 7  
Leaf 3  
Revision: 0  
Superseding Revision:

## 7. DEDICATED SERVICES

### 7.1 SERVICE DESCRIPTIONS

#### 7.1.1 METRO PRIVATE LINE (MPL) (Cont'd)

##### C. Rate Elements

###### 1. Mileage

Mileage provides for the transmission facilities between two customer POTs. Mileage is comprised of a fixed rate element and a per mile rate element. Mileage is measured by airline miles between the customer's Points of Termination (POT), using the V & H Coordinates method.

###### 2. Multiplexing

Multiplexing provides the ability to convert a higher speed channel to several lower speed channels, or to combine several lower speed channels into a single higher speed channel. Multiplexing is offered to On-Net to On-Net customers only. The multiplexing hierarchy is as follows:

- DS3 channelizes to 28 DS1s
- OC3 channelizes to 3 DS3s
- OC12 channelizes to 4 OC3s
- OC48 channelizes to 4 OC12s

There are two types of multiplexing:

- Customer premises multiplexing, where the signal will be dropped to a lower bandwidth to different areas of a building, or
- Vendor multiplexing, that occurs in the carrier POT and gives the vendor different speed signals.

###### 3. Node

The Node provides for the communication path between a customer's designated premises and the POT to the Company network. A Node element applies per service, e.g. DS1 or DS3 terminated at the customer's premises.

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Issued by: Chantel Mosby

Director - Tariffs, CenturyLink  
100 CenturyTel Drive, Monroe, LA 71203