

**CenturyLink Operating Companies**  
**Tariff F.C.C. Nos. 1, 2, 3, 6, 7, 8, and 9**

**Transmittal No 64**

***Description and Justification***

The CenturyLink operating companies (CLOC) hereby submit the following information in support of the accompanying tariff filing, as required by Sections 61.38 and 61.41 through 61.49 of the Federal Communications Commission's Rules and Regulations.

This filing is being made on 15 days' notice under the commission's streamlined filing procedures and proposed the following revisions to the applicable tariffs as indicated:

1. Optical Wavelength Service (OWS) is a high speed data transport service that provides point-to-point transmissions of data communications that customers deliver to the Telephone Company utilizing shared Dense Wave Division Multiplexing (DWDM) technology available at speeds of: 1 Gbps, 2.5 Gbps, 10 Gbps, 40 Gbps and 100 Gbps.

**1.0 Optical Wavelength Service (OWS)**

OWS is provided on a month-to-month basis or for periods of one, three or five years. When a customer orders OWS, the customer and the Telephone Company will work cooperatively to plan, engineer, provision and manage the OWS circuits. OWS is only available where facilities and operating conditions exist.

There are two basic rate categories which apply to Special Access Service:

- Channel Terminations
- Channel Mileage

### **OWS Channel Termination**

OWS channel terminations may be used to connect the following:

- a customer designated premises to the serving wire center of that premise.

The OWS channel termination rate element may vary based on distance. The mileage used to determine the monthly rate for channel terminations located outside a Telephone Company Central Office is the airline distance between the customer's designated premises and the Telephone Company serving wire center. The mileage measurement is determined by utilizing exchange maps and mileage tables located in designated Telephone Company offices for such purposes

### **OWS Channel Mileage**

OWS channel mileage provides transport between two Telephone Company serving wire centers. Air mileage is measured using V&H coordinates between the Telephone Company serving wire centers. The OWS channel mileage rates are made up of the Channel Mileage Facility (per mile) rate and the Channel Mileage Termination (fixed) rate.

Available in the following interfaces:

- 10 Gbit LAN Channel
- 10 Gbit WAN Channel
- Gbit Ethernet Channel
- SONET Channel (OC3, OC12, OC48, OC192)
- 10.709 Gbit OTU2 Channel
- 2.666 Gbit OTU1 Channel
- 111.810 Gbit OTU4 Channel
- 100GbE Ethernet Channel
- 43.018 Gbit OTU3 Channel

## **2.0 Conclusion**

The CenturyLink operating companies are submitting the accompanying tariff revisions in response to customer requests for the proposed services, and in accordance with the Commission's Rules governing the provision of interstate access services. The rates and charges proposed in this filing are

demonstrated to be fully cost-based and reasonable, and are supported, where required, by exhibits detailing cost and rate development.