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Douglas R. Holbrook

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December 14, 2010

Public Utility Commission for Oregon Attn: Filing Center PO Box 2148 Salem OR 97308-2148

RE: UM 1484 CenturyLink/Qwest - Intervenors Reply to Response

Dear Filing Center:

I enclose the original and five copies of Objections to the Stipulation between PUC Staff and the applicant. The Objections are submitted in this matter on behalf of the City of Lincoln City, Lincoln County, Tillamook County and Parker Telecommunications. These intervenors also request a hearing on the afore-mentioned objections.

The signature for Mr. Sargent will be submitted separately.

Thank you for your attention. If you have any questions or concerns, please feel free to contact me.

Sincerely,

Douglas R. Holbrook

Enclosure

cc: Service List

Client

[101214 ltr to PUC.wpd]

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4	BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON		
5	UM 1484		
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7	In the Matter of		
8	) OBJECTIONS TO CENTURYLINK, INC. ) STIPULATION BETWEEN ) PUC STAFF AND		
9	Application for merger between CenturyTel, ) APPLICANT COMPANIES		
10	Inc. and Qwest Communications International, ) Inc. )		
11	The City of Lincoln City, Parker Telecommunications, Lincoln County, and		
12	Tillamook County, Intervenors (Coastal Intervenors) join in their objections to the stipulation		
13	dated December 2, 2010, entered between the Oregon Public Utilities Commission's Staff		
14	and the Applicant Companies, Qwest and CenturyLink.		
15	Pursuant to OAR 860-014-0085 "Any party may file objections to the settlement or		
16	stipulation or request a hearing." Further, "Objections may be on the merits or based upon		
17	failure of staff or a party to comply with this rule."		
18	The Coastal Intervenors objections are leveled at stipulation number twenty-six which		
19	reads:		
20	CenturyLink will construct a physical communication link between the Cities of Lincoln City and Newport, Oregon within 24 months following the close of the transaction. CenturyLink will meet with Staff and interested parties during the engineering phase to make certain that Staff is satisfied that the facility is sized adequately to handle the expected demand.		
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Page 1 - Objections to Stipulation Between PUC Staff and Applicant Companies [Objections F2.wpd]

The Coastal Intervenors objection is that the condition is insufficient to address the service problems experienced by the coastal communities in the former Embarq service area, specifically related to emergency 911 access, meeting the state mandate to consolidate 911 centers and fails to allow for business or health and welfare phone traffic. In their Joint Testimony with staff, CUB, CenturyLink, and Qwest supporting the stipulation ("Joint Testimony") at pages 11-12 those parties state about Condition 26: "This commitment will address 911 network concerns raised by Staff, CUB and other Intervenors." The concern has always been broader than 911, though 911 reliability is needed.

- 1. The Joint Intervention Petition included general wireline redundancy for consumer and business and 911 reliability. Joint Petition page 6 et al.
- 2. Staff/100, Dougherty 30/31.<sup>1</sup> Testimony states "Staff recommended ordering Condition 28 requires CenturyLink to construct a physical link between the cities of Lincoln City and Newport, Oregon, which would allow network redundancy. Commission Safety Staff believes this link is necessary as a result of system outages, community isolation and lack of network redundancy." This testimony shows the staff concern was broader than 911.

Dougherty's testimony goes on at Dougherty 31 to state: "Discussions with Safety Staff who act as a liaison to OEM believe that the Staff recommended condition is adequate to ensure network redundancy. . . ." The testimony proves staff's concerns were for a diverse route for this region's traffic, not just 911 calls.

## REASONS FOR THE PROPOSED CONDITION/OBJECTIONS

The problems with the current network for Lincoln and Tillamook Counties originate from the fact that the central switches reside in Sheridan and Salem, and only a single strand of fiber serves from the remote switches handling all phone calls from this former Embarq territory on the coast to those points in the valley. Because all of the approximately 30

This written testimony presumably will be submitted at the hearing.

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remote switches in north Lincoln County are dependent on this connection to function, the network has had frequent downtime from recent storms, leaving all of north Lincoln County without 911 service<sup>2</sup> nor other phone service. Tillamook County, dependent on the same fiber as north Lincoln County, has a county-wide failure of its wireline network for the same reasons, and therefore loss of its 911 service and other phone service. Because these small fragile coastal business economies rely upon wireline data services to transact business, from credit cards to internet sales, a redundant diverse route for voice and data is essential. Because 911 services increasingly use data in addition to voice over the wireline provider's lines including to Salem, redundant, diverse routes for voice and data are essential. And if CenturyLink is serious about providing competitive broadband, diverse routes for voice and data are essential. Coastal Intervenors can establish that staff lacks knowledge of these network deficiencies and how to correct them.

#### **OBJECTIONS TO STIPULATION**

While the Coastal Intervenors agree with staff it is appropriate to impose service standards by merger conditions, the conditions must make sense in addressing the network problems.

First, the stipulation inexplicably makes no provision for upgrading the network service in Tillamook County.

As to Lincoln County, the first deficit in the staff condition is that it does not address how nor require the 30+ remote switches in the north Lincoln County area to be configured to function such that they all will be able to forward a call after a break in the fiber to the valley occurs. In fact, just creating a physical link with Newport does not itself solve any of the network problems because no diverse route to the valley switches are established. The

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An unknown fraction of the phones within all of Lincoln City are possibly able to call to the 911 center in Lincoln City during an outage because the subscribers are incidentally on the same remote switch as Lincoln City's PSAP.

drafters do not acknowledge that in order for a local call to be placed, a signal, separate from the voice channel, must reach at least Sheridan and to place a long distance call, the signal must reach Sheridan and Salem. The stipulated condition by its terms stops the network upgrade at the north end of Newport, and thus does not require the necessary diverse route to Sheridan nor to Sheridan and Salem. As a consequence there is no difference between what existed during the last outage and when the proposed build-out is completed within two years. In other words, the condition, if performed would still leave north Lincoln County and all of Tillamook County without wireline service when the single fiber connection to Sheridan is severed. The ALJ and Commission would not be serving their jurisdictional mandate to protect consumers by approving the proposed condition.

Second, the proposed condition has made no provision for the extended area service (EAS) that is in place between Lincoln City and Newport, including intermediate exchanges in Gleneden Beach and Depoe Bay. Currently, trunk lines for EAS traffic between Newport and Lincoln City are routed through the Sheridan switches. Thus, there is no connectivity between Lincoln City and Newport for voice, 911 or other emergency or business traffic when the single line from Lincoln City to Sheridan is severed in a winter storm, as has happened frequently. Because the condition fails to require changes to the EAS network, the stipulation should be modified. This lack of foresight in the condition continues to make it impossible for Lincoln County to meet a state mandate to consolidate 911 centers, and stifles the business economy in the region.

Third, the stipulation is not specific about the capacity or type of connection, instead, leaving it for later design. There is little reason the Applicant could not sign onto a specific design now, since they are in control of all the facts, but in any event, the Coastal Intervenors should be able to do more than simply be consulted: they should be able to object to any

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future inadequate specifications allowed under the stipulation particularly in light of staffs' apparent limited grasp of how the existing network functions.

In order to address these concerns, the Coastal Intervenors' conditions should be adopted in lieu of stipulated condition number 26.

### COASTAL INTERVENORS' PROPOSED CONDITIONS

Only by requiring a diverse voice and data route to Sheridan/Salem can the reliability be improved to acceptable standards.

A. The first proposed condition is<sup>3</sup>:

> As a result of numerous system outages, community isolation, and lack of network redundancy, CenturyLink will construct a diverse routing for the former Embarg service area in Lincoln & Tillamook Counties with a self-healing fiber ring architecture for traffic to and from that former Embarg service area. The fiber ring will functionally provide a diverse backup route for both telephone and data services from the identified former Embarq service area, to Sheridan and to the necessary switches outside Sheridan to provide reliable EAS, intrastate and interstate service, and so that all subscribers on remote switches can phone their assigned PSAP.

Without the diverse route here proposed, the network will be no more functional than during the time of the last outage. The PUC should impose conditions necessary to rectify the network deficiencies in Tillamook County as well. The commission may remand this matter and direct the parties and Staff to determine the technical requirements for adequate phone service in Lincoln and Tillamook Counties if there is any question.

The next objection is that the stipulations do not include nor seek to address Parker Telecommunications second proposed condition related to the efficiency of the broadband the Applicants operate and are agreeing to upgrade in the stipulation (Condition No. 13).

- B. The Coastal Intervenor's second proposed condition (Parker 100/6) is:
  - 1. In order to improve reliability and speed of Internet data, CenturyLink is required to connect Oregon Internet data traffic at an Oregon Internet

This is a re-write of a condition stated in Parker 100/3.

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exchange, such as the NorthWest Access Exchange (NWAX) in Portland, when the Internet traffic both originates and terminates in Oregon and at least one end of the connection is on the CenturyLink/Qwest network, provided that the Oregon Internet Service Provider (OISP) at the other end of the connection, if applicable, agrees to reasonable terms and conditions for interconnection. This condition does not require "peering" (free interconnection) and does not put any additional special requirements on the business arrangements between CenturyLink and any interconnecting ISP.

Oregon intrastate Internet traffic is routed to Portland or Eugene, and then to Seattle, and frequently into Sacramento, California all before it is routed back to an Oregon destination. This creates numerous opportunities for delay, slowed connection and loss of connectivity. A more efficient route will create a more robust broadband system in Oregon, serving Oregon consumers and businesses, capable of carrying video conferencing and other voice and data services more reliably. Frequently, the quality of connection currently is such that video conference connections are not reliable over the broadband CenturyLink provides. If CenturyLink plans to continue to market broadband services and improve them as the Commission may require, CenturyLink needs to fix their connection issues by having a system and policy designed to keep Oregon intrastate Internet traffic within Oregon.

#### **CONCLUSION**

In conclusion, because condition 26 fails to address the Companies network reliability problems in north Lincoln and Tillamook Counties, the Commission should either remand the matter for the Staff and parties to address, or, in the alternative grant a hearing and set a schedule for testimony from the Staff and parties.

Because the stipulation does not address Parker Telecommunications' second condition regarding intrastate Internet connections, the Commission should either remand the

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This can be confirmed in the Window-based operating system by entering the "tracert" command in the "command: system window, followed by an Oregon Internet address, such as "actionnet.net".

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