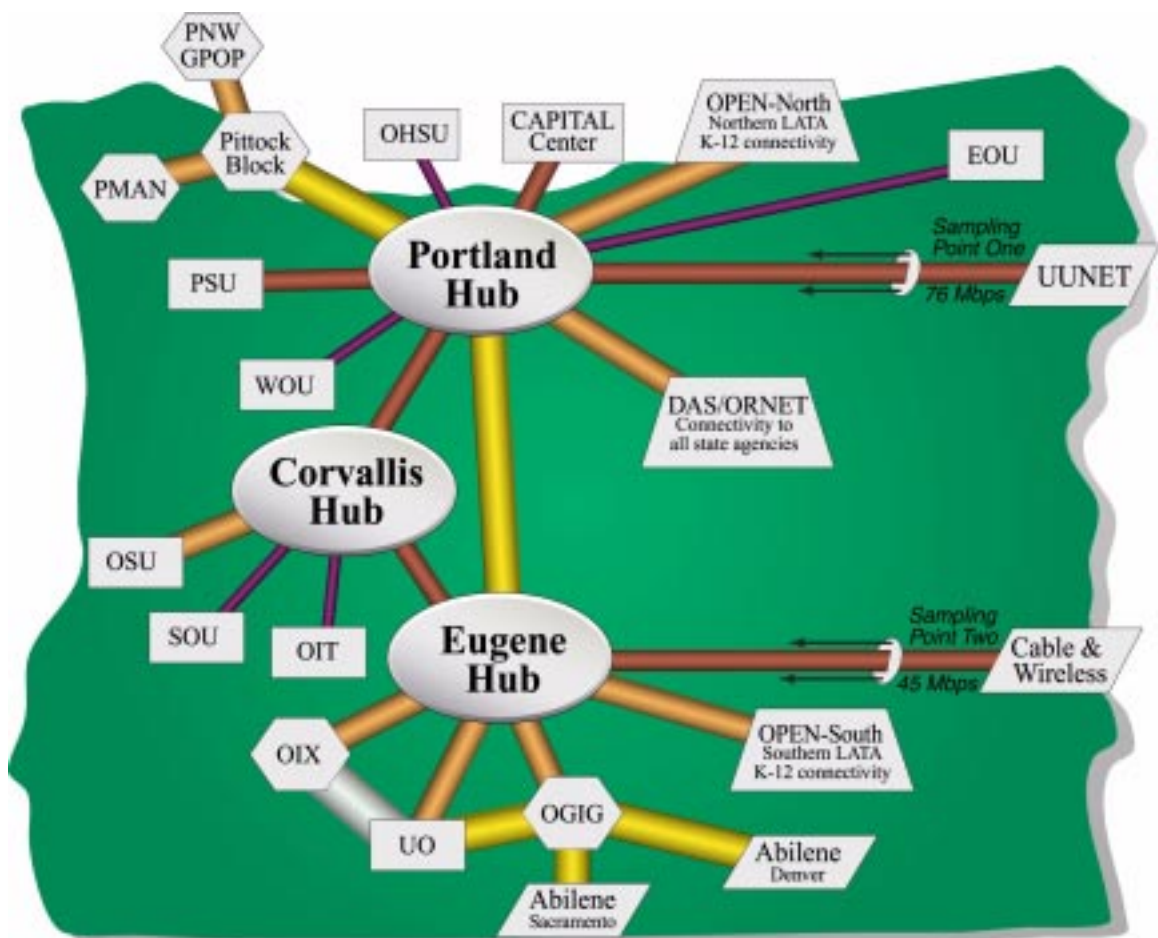


OWEN/NERO Bandwidth Audit (v. 1.0)



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June 12, 2000

6/15/00

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June 11, 2000

Mr. William H. Anslow
Vice Chancellor for Finance and Administration
Oregon University System
PO Box 3175
Eugene, Oregon 97403

Subject: OWEN/NERO Bandwidth Audit

Dear Vice Chancellor Anslow:

We have completed the OWEN/NERO bandwidth audit required by Oregon Senate Bill 622 (1999).

This report describes our methodology, analyses, and findings. It was prepared with the expectation that its audience would generally have a non-technical background; hence, sufficient technical background information has been provided to allow a non-technical reader to fully understand and properly interpret the data that has been provided.

As discussed with and agreed by OUS, our examination was limited to wide area commodity Internet transit bandwidth, the focus of Oregon legislative interest and the most costly component of the OWEN/NERO budget. We have not gathered data on LAN or campus infrastructure-related bandwidth issues, nor Internet2/high performance research network connectivity, nor Internet connectivity obtained via local exchange points such as the Oregon Internet Exchange.

We conducted this audit generally in accordance with procedures and analyses pioneered by the network measurement community, including, in particular, CAIDA, the NSF-sponsored Cooperative Association for Internet Data Analysis, <http://www.caida.org/>.

The audit's content has been carefully crafted to protect OWEN/NERO customer privacy while providing the information and data which required for legislative oversight, efficient administration of the network, and informed public debate. Our report has been reviewed by Oregon University System legal counsel and has been deemed by them suitable for public distribution without restriction.

Under separate cover I will be forwarding a copy of forward looking proscriptive recommendations pertaining to OWEN/NERO beyond the scope of this descriptive, normative, and comparative study.

Please do not hesitate to contact me if you have any questions or require any further information.

Sincerely,

J.E. St Sauver, Ph.D.
Assistant Director, Academic User Services

cc: Joanne Hugi, Director, Computing Center

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