



CANARIE Network Update

Eric Bernier, CTO

Presentation to GLIF Seattle, Washington

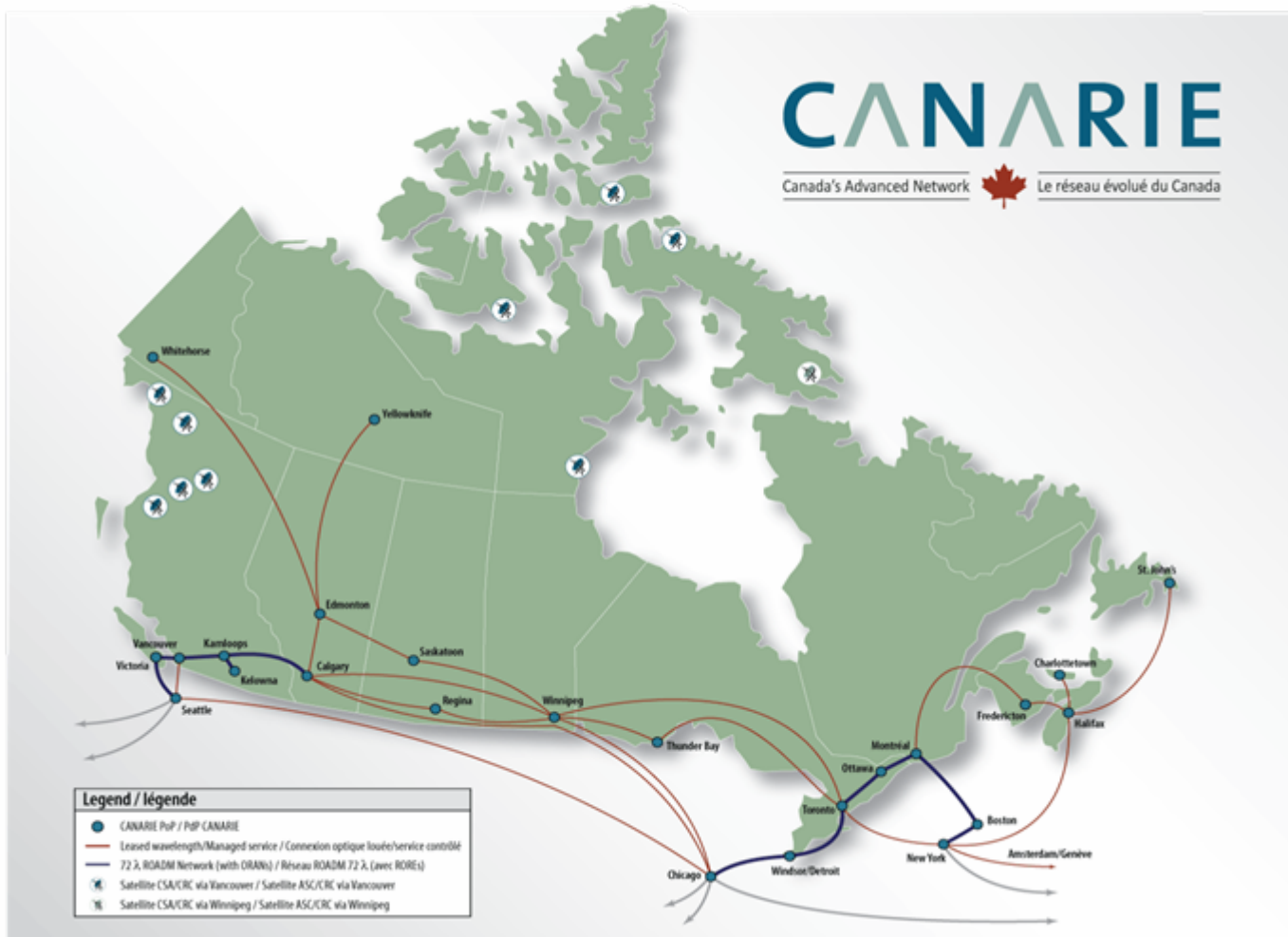
October 1st, 2008



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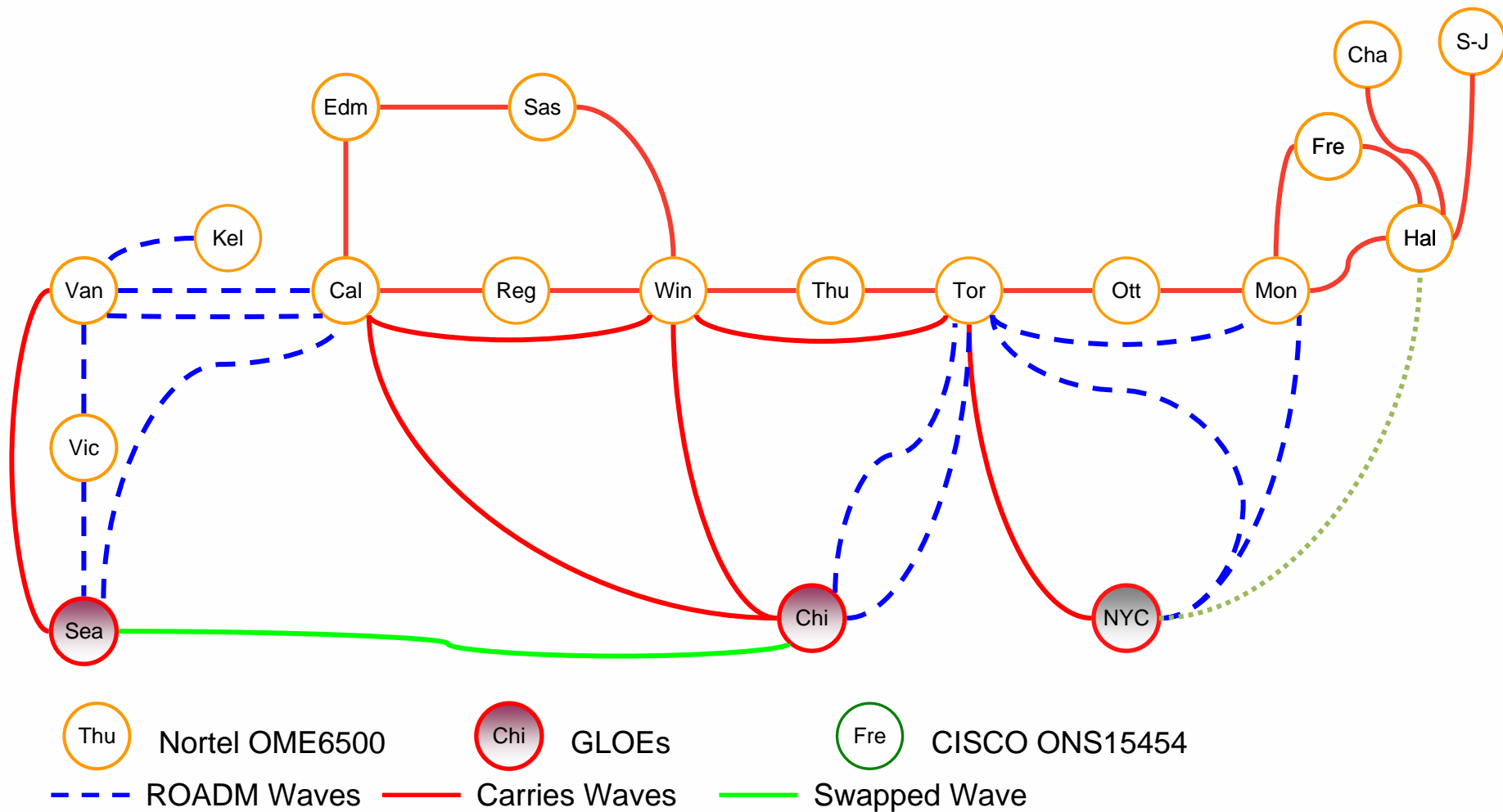
A lot of Change at CANARIE

- NEW President and CEO, Guy Bujold
- NEW Chief Technology Officer, Eric Bernier
- NEW Chief Engineer, Thomas Tam

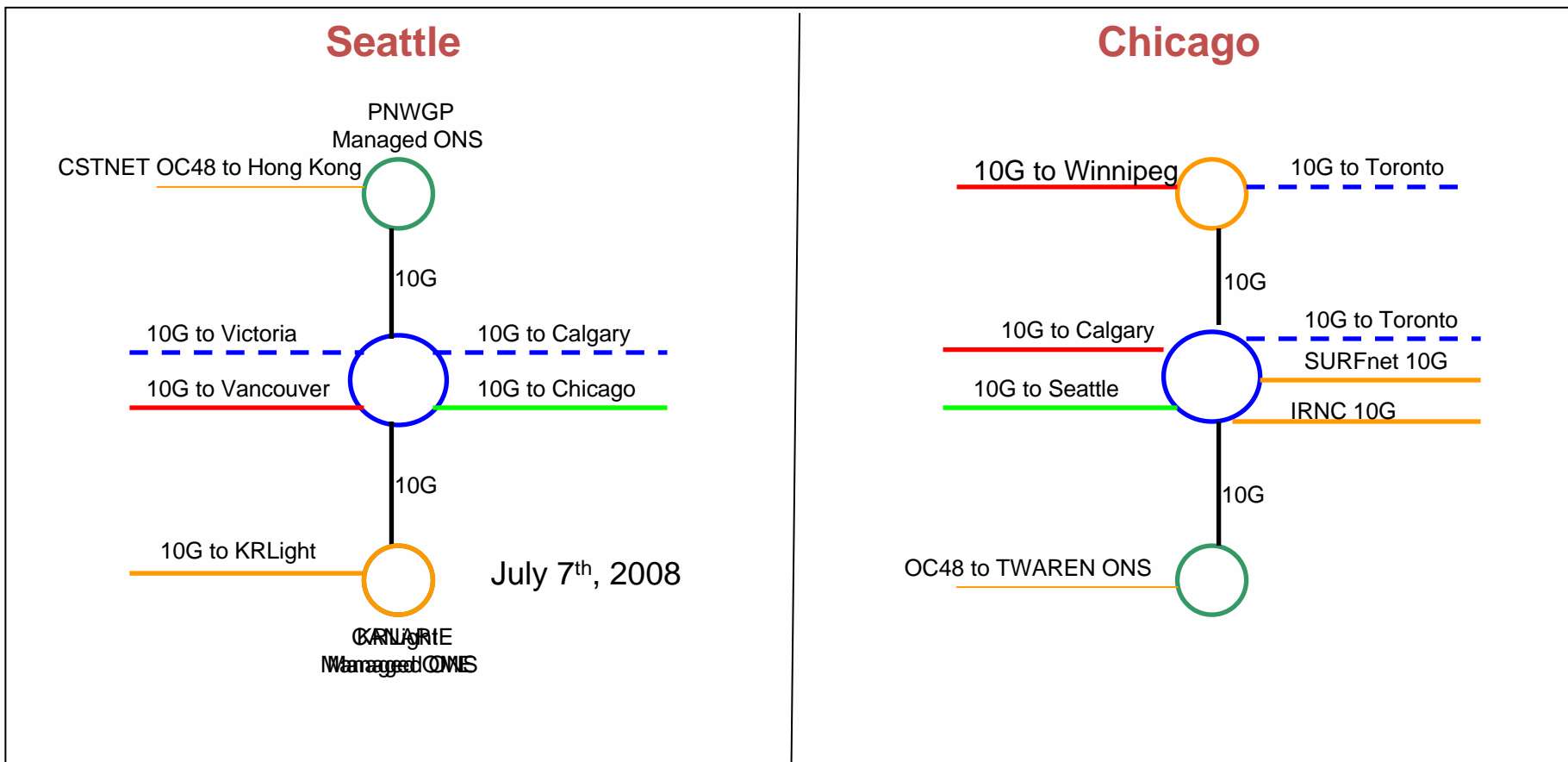


- **CANARIE-lit Wavelengths**
 - Used within the eastern and western ROADMs footprint.
- **Carriers-lit Wavelengths**
 - Required between the geographic expense of the Eastern and Western ROADMs and eastward beyond the Montreal PoP.
- **Swapped Wavelengths**
 - NLR provided a Seattle-Chicago 10G wave.
 - CANARIE provides 4 x Boston-New York 10G wavelengths and 1 Boston-Chicago 10G wave.

SONET Infrastructure



Seattle and Chicago GOLEs



Nortel OME6500



Nortel HDXc



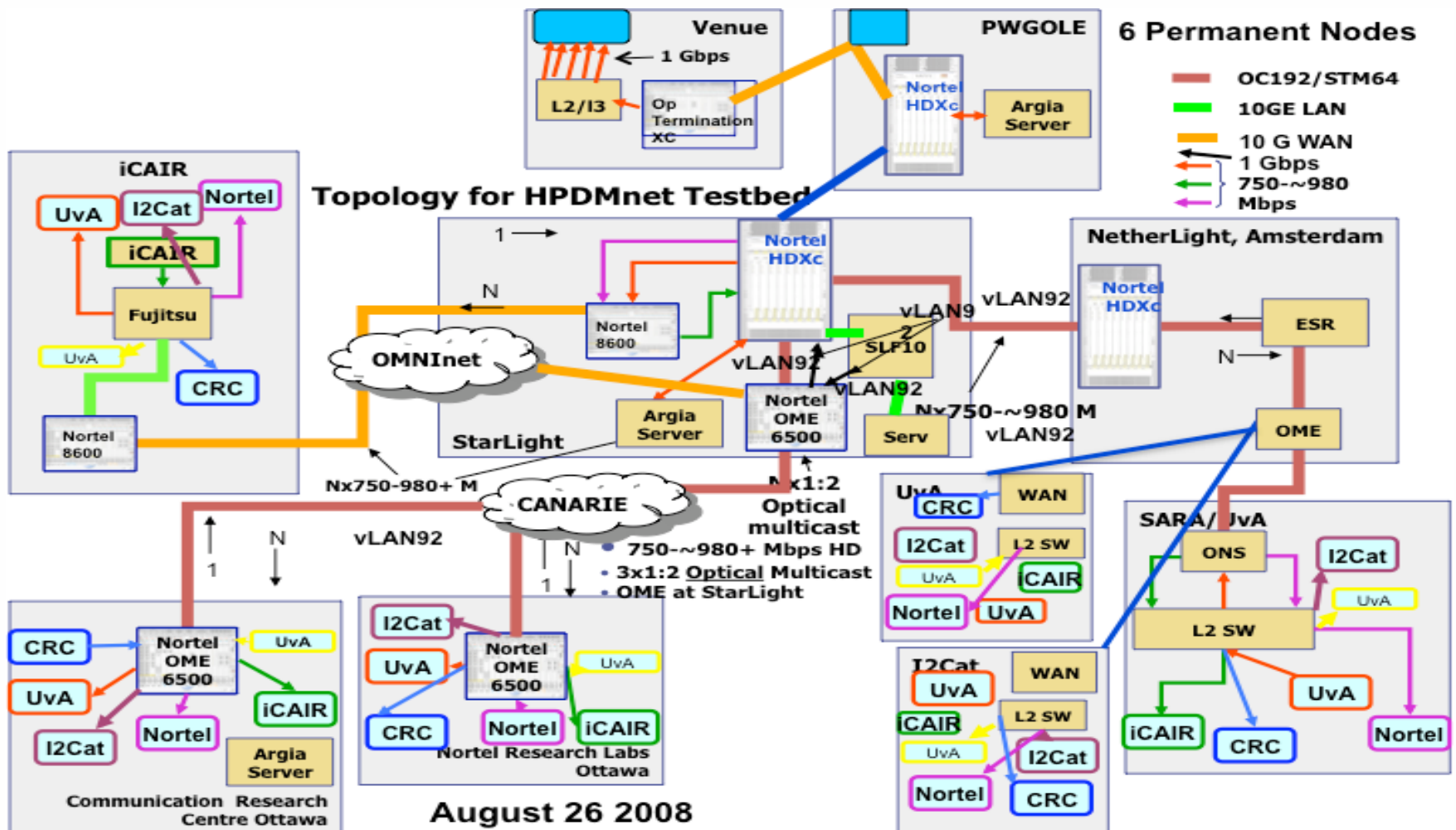
CISCO ONS1545

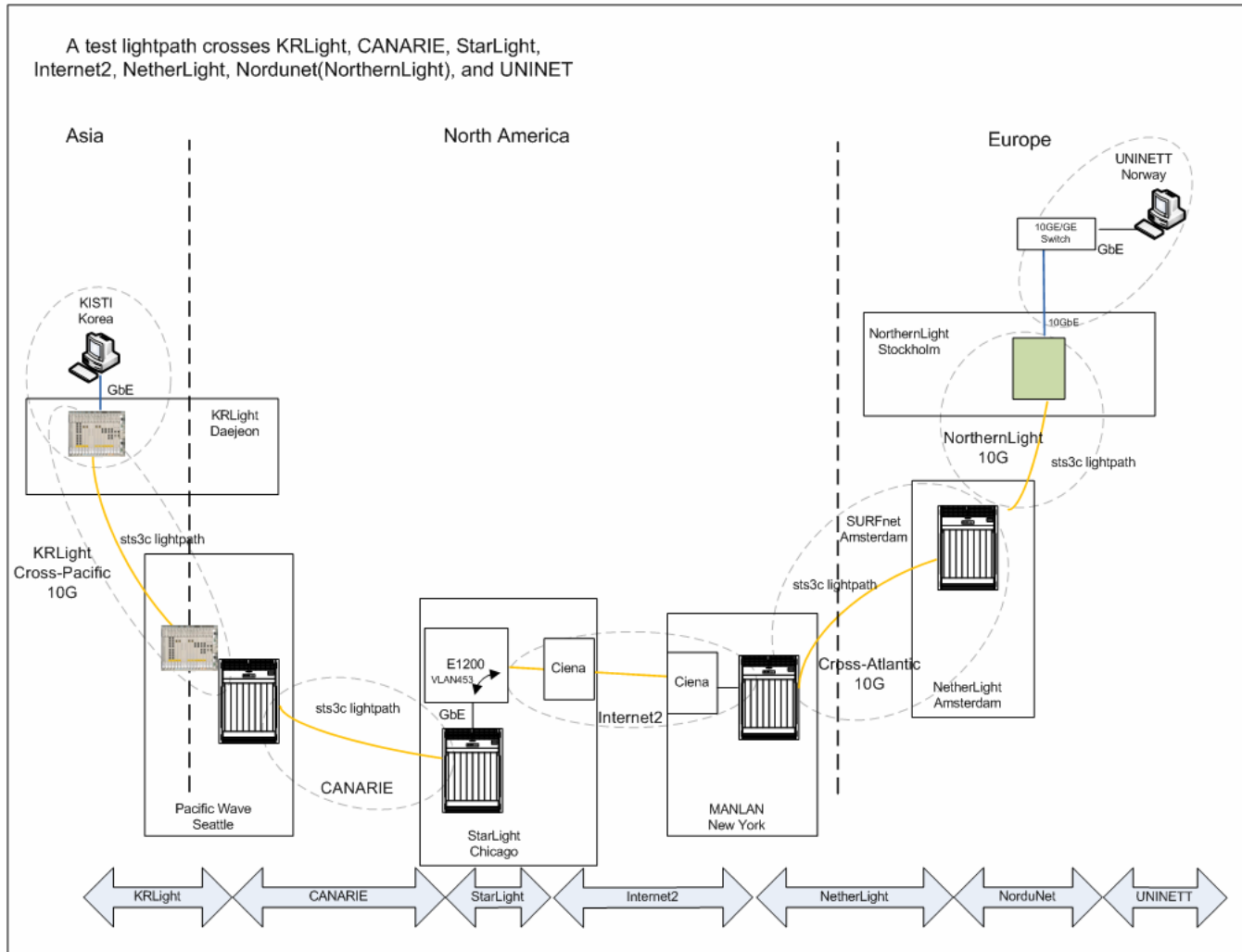
--- ROADM Waves

--- Carries Waves

--- Swapped Wave

--- Other Waves or circuits





Thank you.

Any questions?