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GOLE - HDXc Refresh Next Generation Architecture

GLIF meeting Daejeon, Korea
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The Issue

- HDXc
- Manufacture discontinue effective date: June 30, 2009.



Problems:

1. Expansion hampered
2. Early architecture
3. End of support on the horizon

Need:

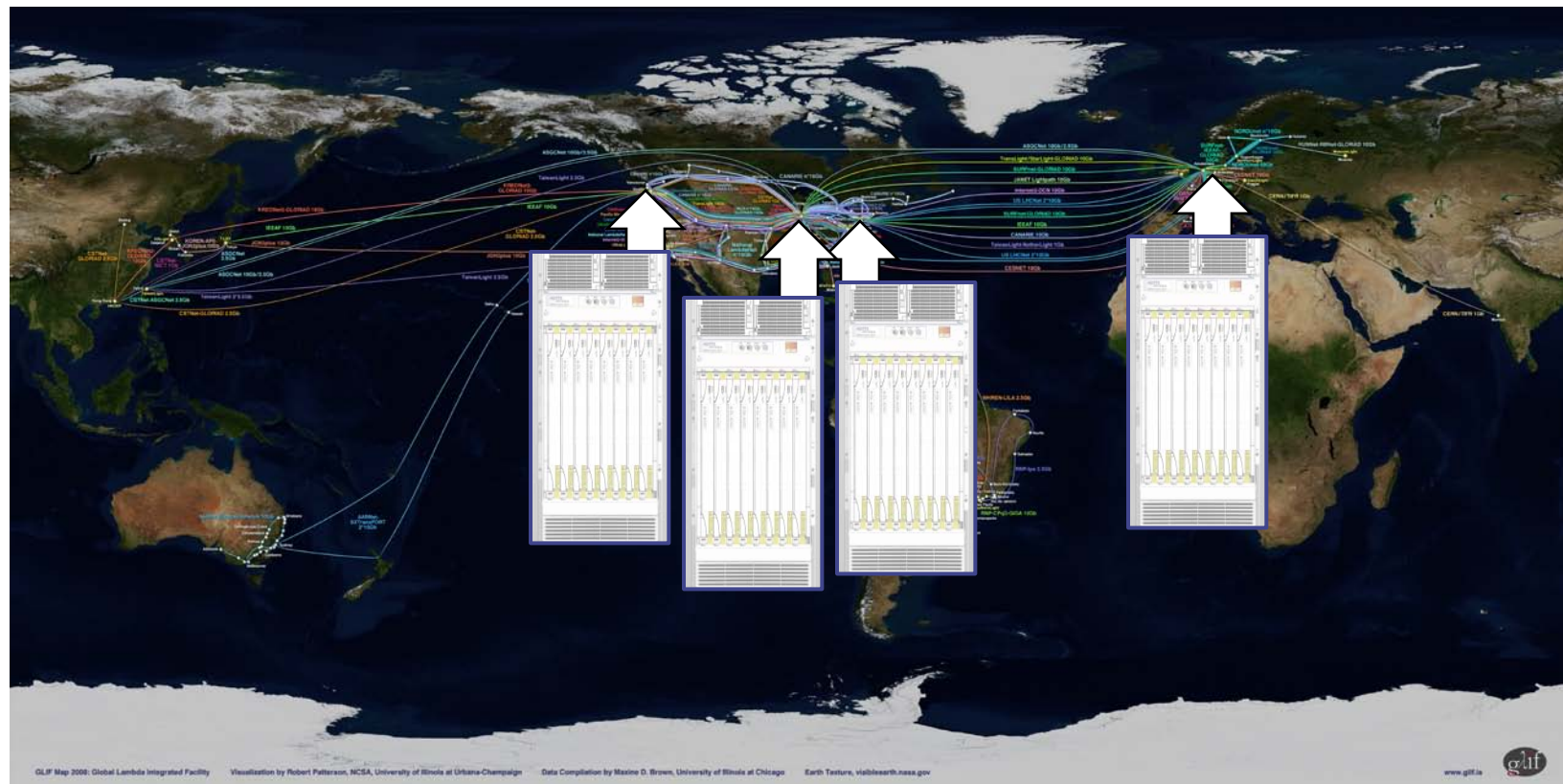
1. Architecture and feature definition
2. Finance for the GOLE refresh
3. Replacement timeline
4. Equipment and platform

Opportunities:

1. Modern reference GOLE Architecture (L0-L2)



HDXc in the GLIF

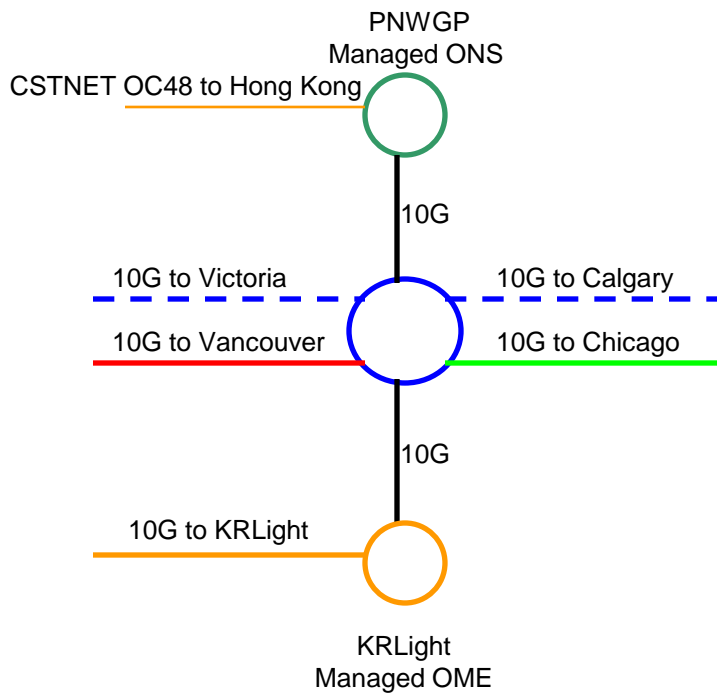


Seattle and Chicago GOLEs

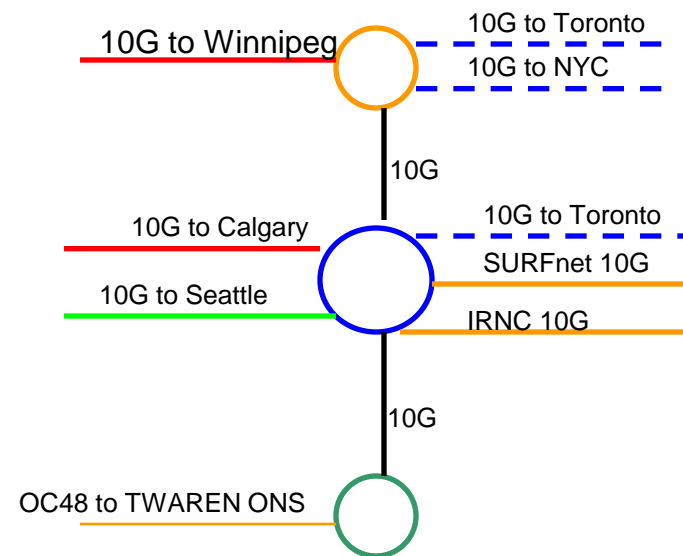
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Seattle



Chicago



Nortel OME6500



Nortel HDXc



CISCO ONS15454

--- ROADM Waves

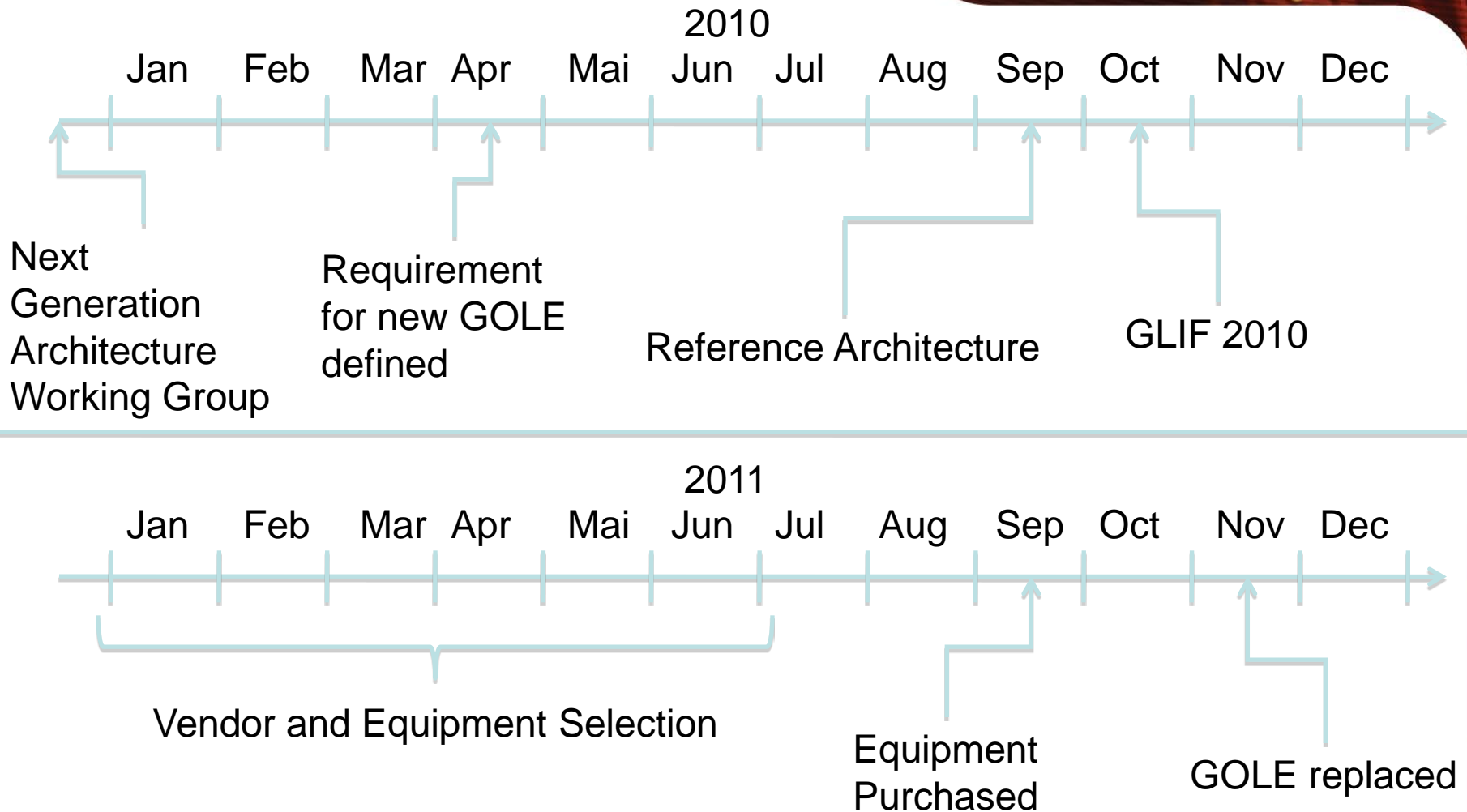
— Carries Waves

— Swapped Wave

— Other Waves or circuits

The Timeline Proposed

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BACKUP