canarie
Canada's Advanced Research and Innovation Network
Le réseau évolué de recherche et d'innovation du Canada

# GOLE and Lambda Update

GLIF meeting Daejeon, Korea

October 27, 2009

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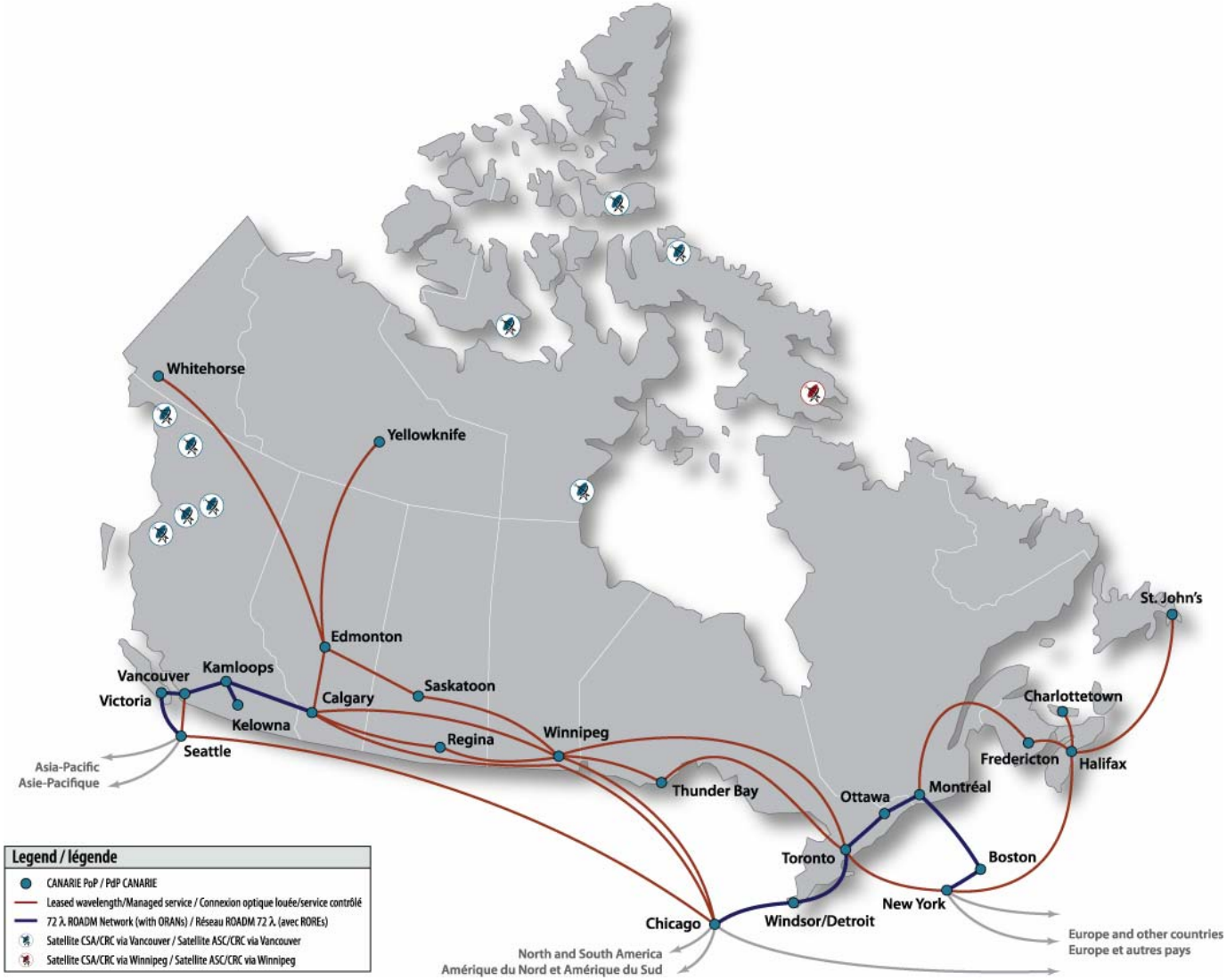
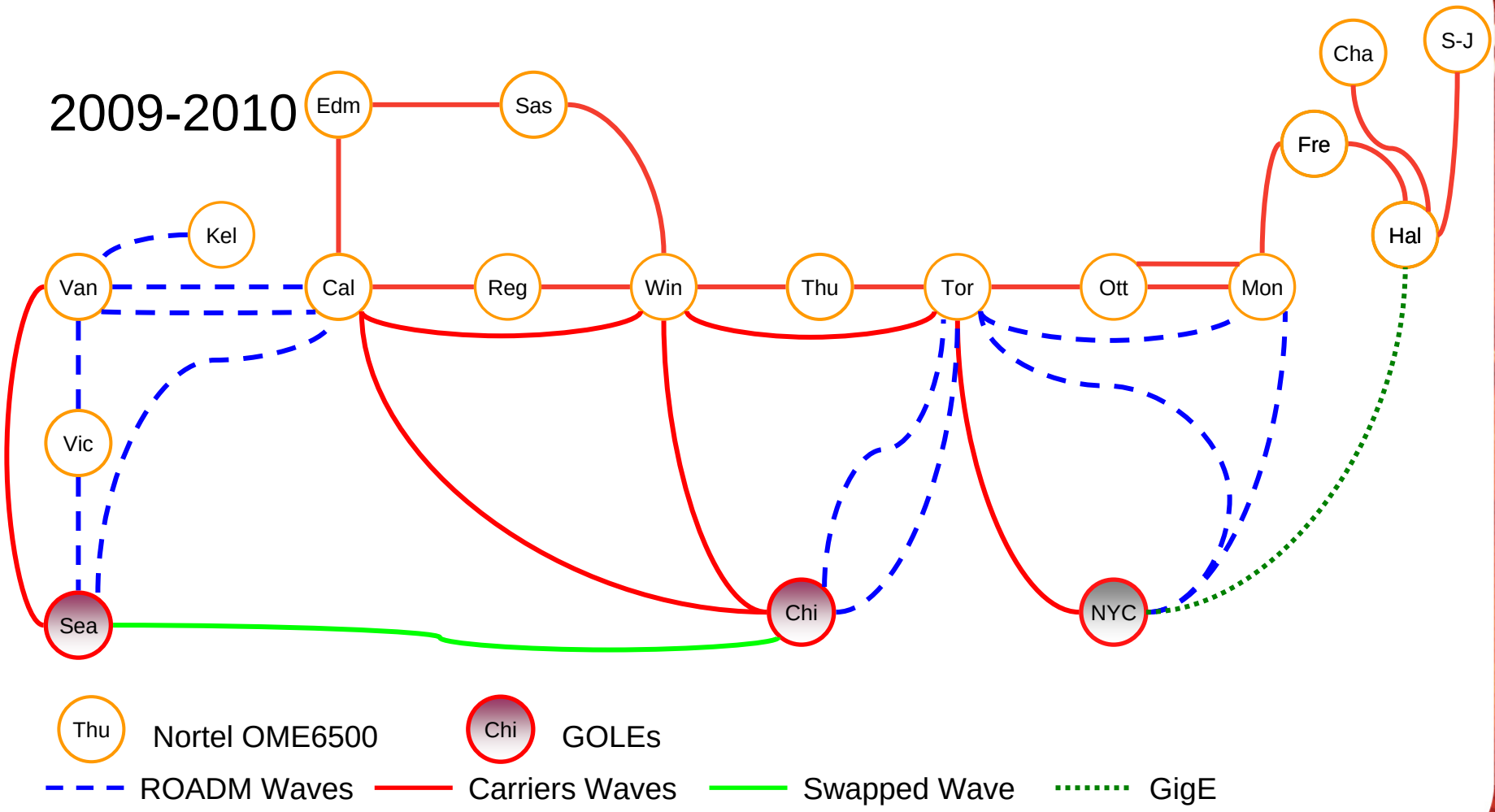
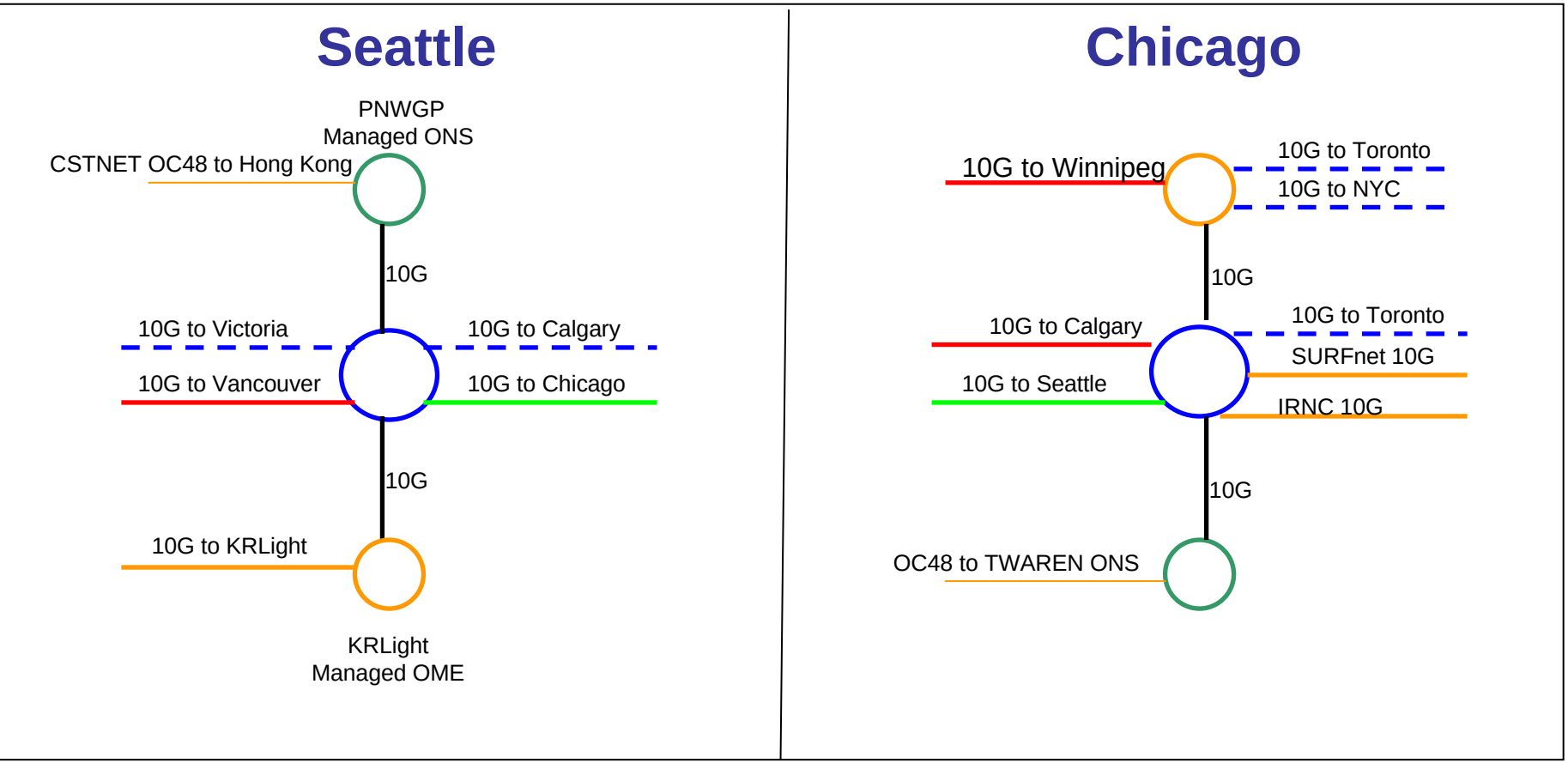
# The CANARIE Network



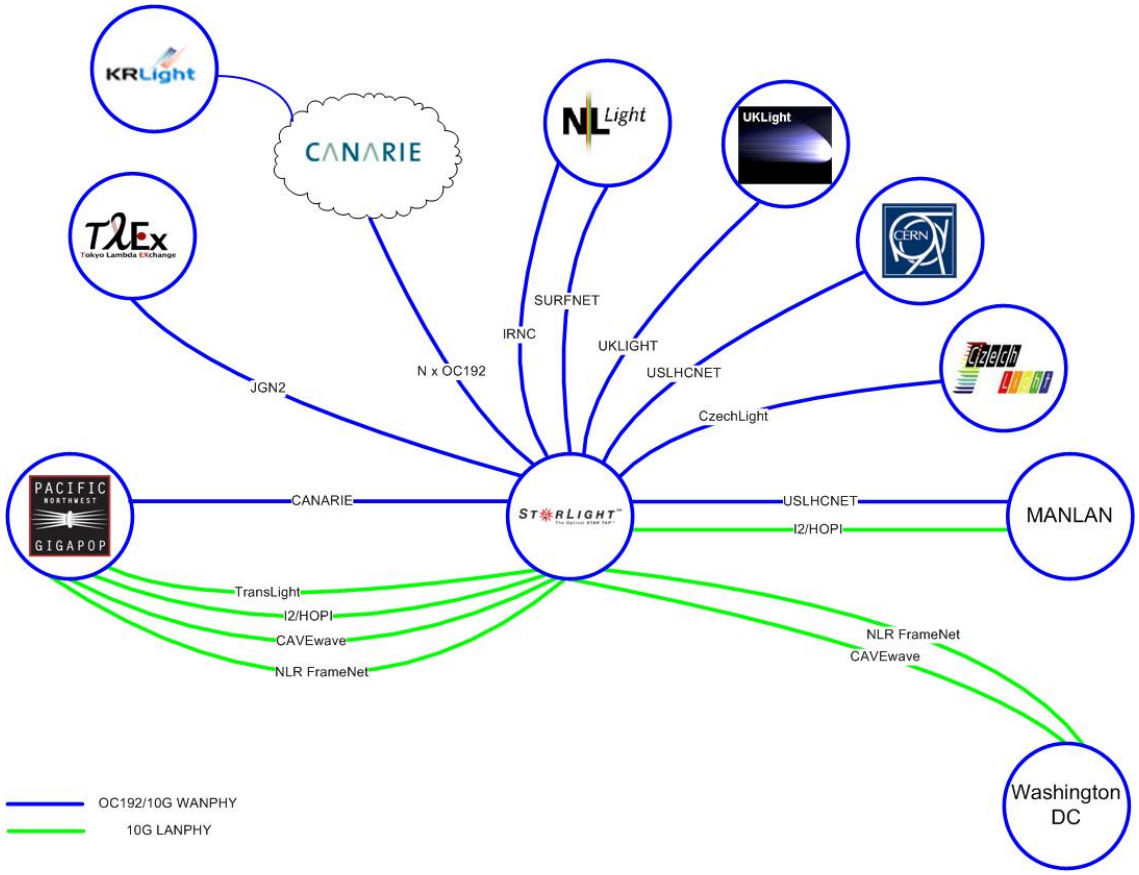
# The CANARIE SONET Infrastructure



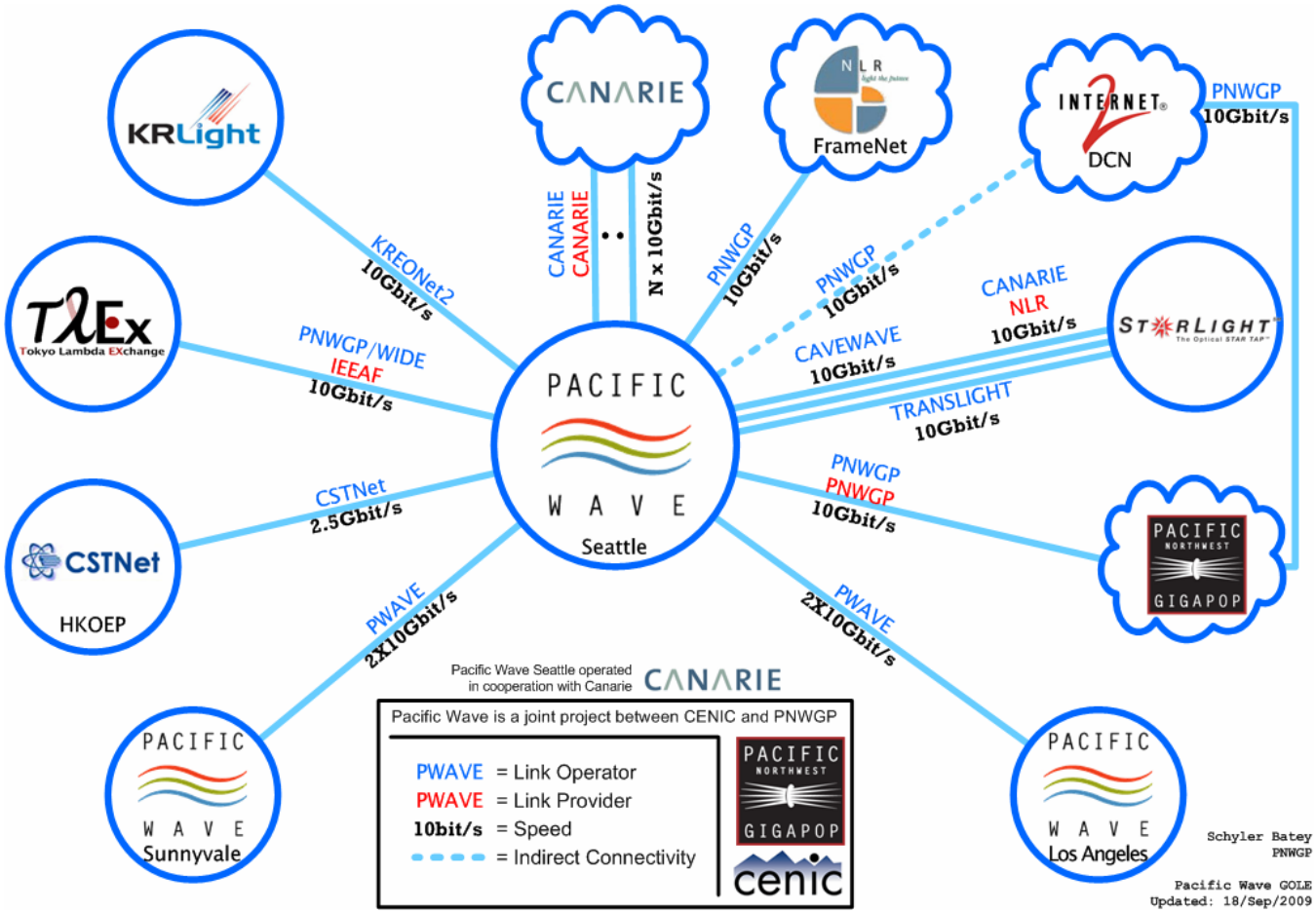
# Seattle and Chicago GOLEs



# Starlight GOLE



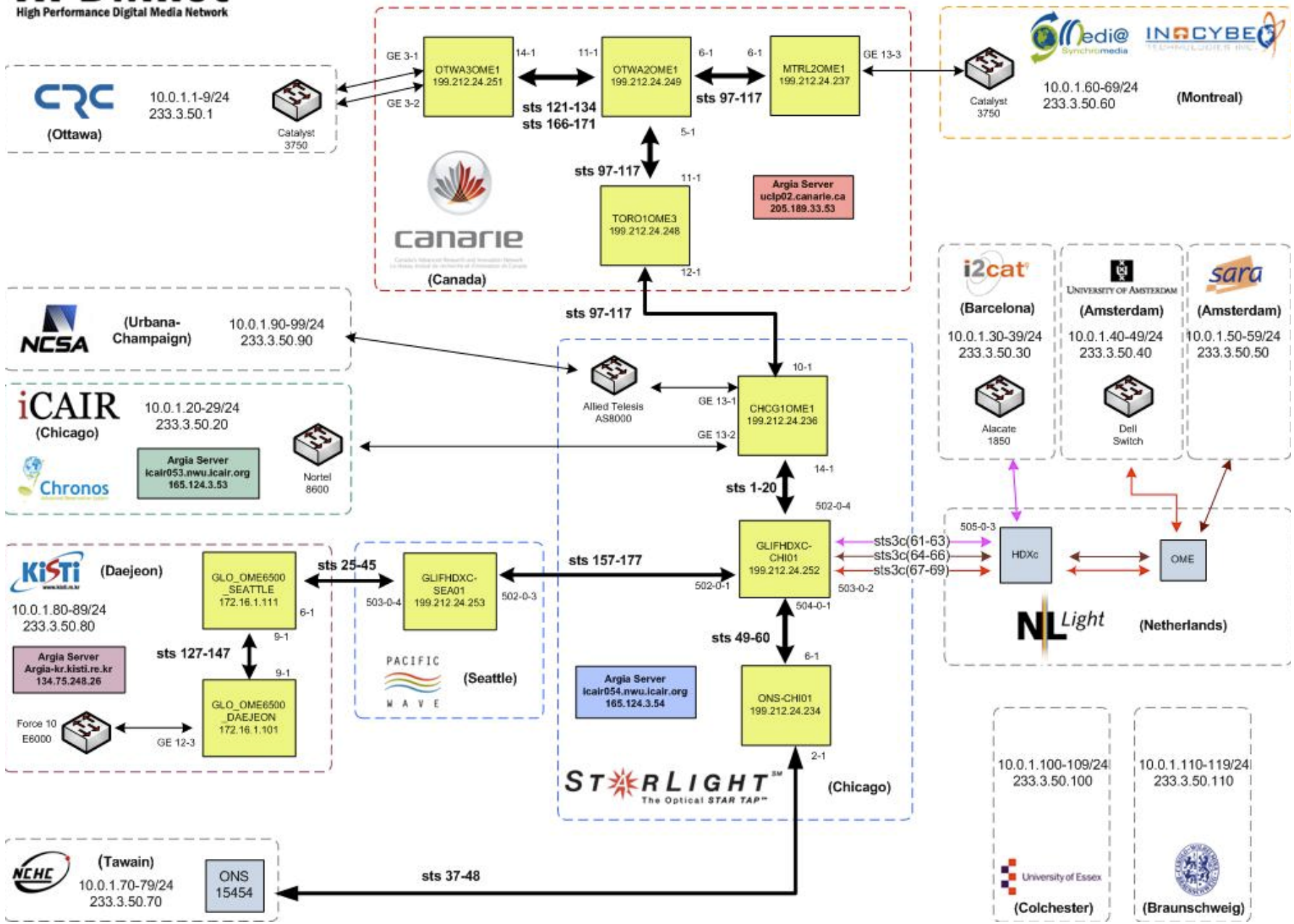
# PacificWave GOLE



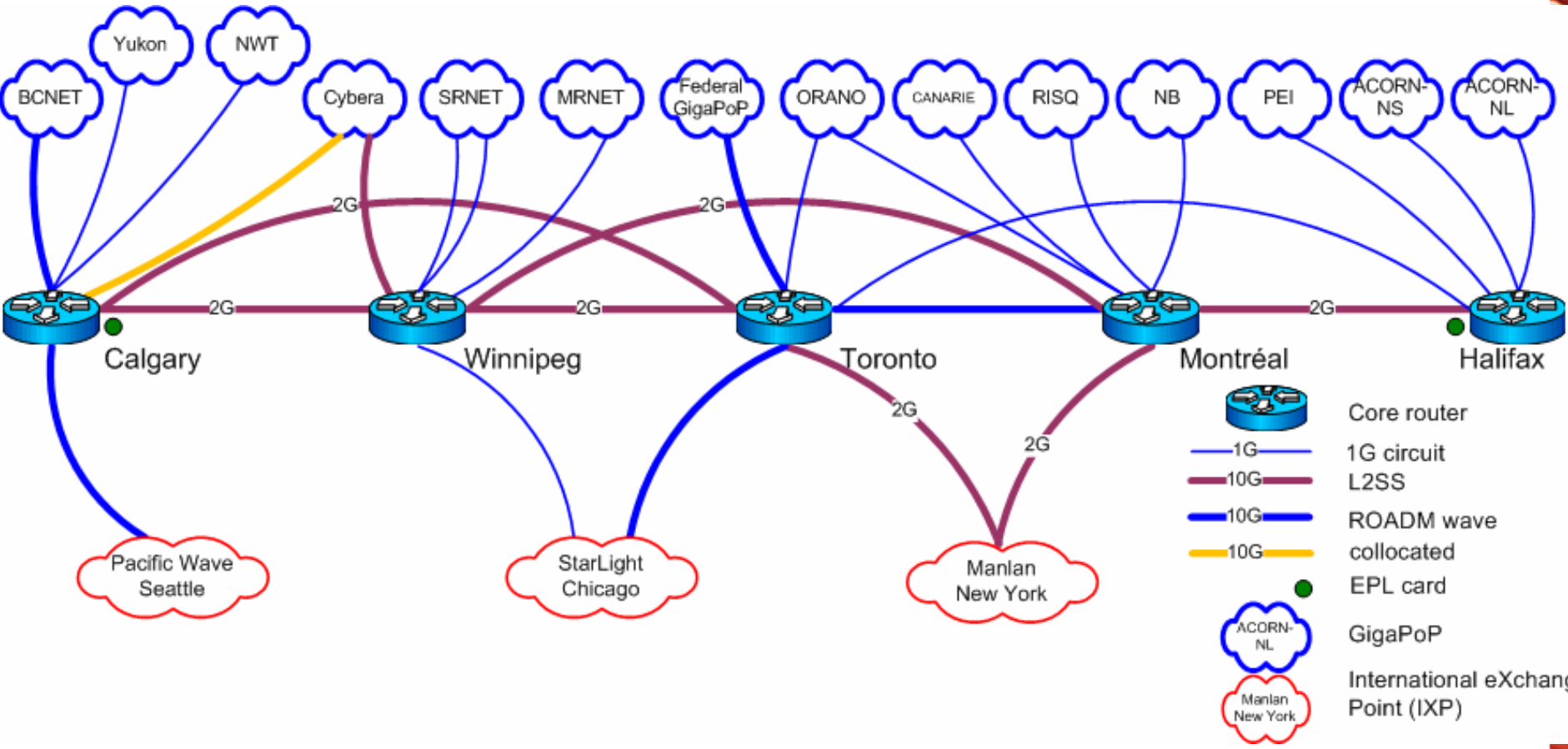
# HPDMnet

High Performance Digital Media Network

Last Updated: October 13, 2009



# IP Network Interconnections



# The New Router

- New Routers
  - Selected Juniper MX480
  - Purchased 5 Juniper routers
    - Halifax, Montreal, Toronto, Winnipeg and Calgary
- Key features
  - 10G interfaces
  - Small size (8RU)
  - L2 and L3
  - 240G full duplex backplane
  - Logical/Virtual Routers

Juniper MX480

# Update:
# New Router Deployments

Three Components:

- New Router Deployments
- Nortel OME6500 20G L2SS cards deployment. (Layer 2 Service Switch )
- New OME6500 10GE wavelength cards

# BACKUP