

T-LEX Update

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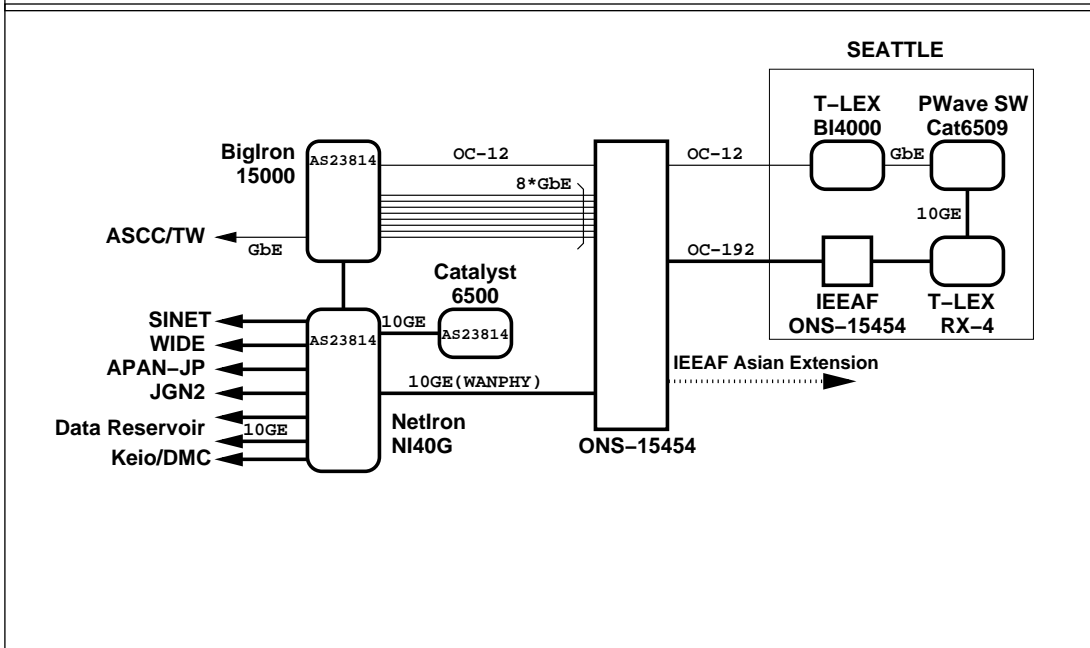
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T-LEX Update



- ☆ **No major change happens**
 - Since APAN Manila Meeting

T-LEX Configure



T-LEX Minor Update

The last LSR approved

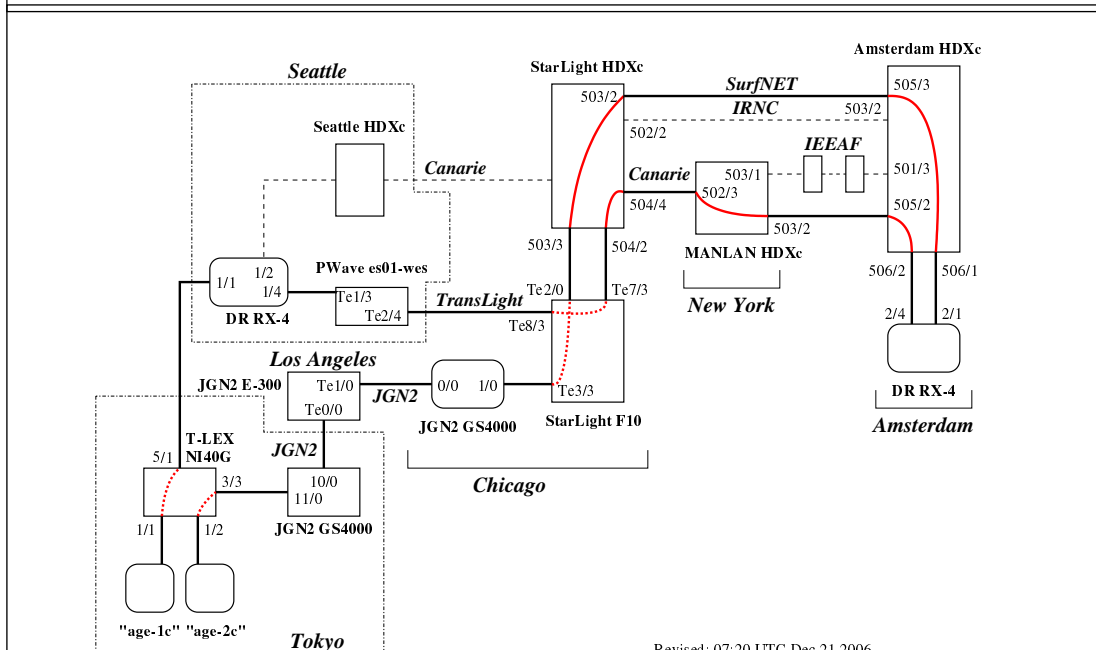
☆ Data Reservoir's LSRs approved

- over 30,000km
- LSR submitted but yet to be approved
- 7.67Gbps (230.1 Pbm/s)
- 9.08Gbps (272.4 Pbm/s)
- Unbreakable with a single 10GE WANPHY
 - multiple 10GE WANPHY
 - pure-LANPHY

☆ No TOE support

- Because TOE not available for IPv6
- IPG adjustment was done in NIC, however

The LSR configuration



Carlson and Hiraki in I2MM/Apr07



Lessons learned

- ☆ **DR team got 4 IPv4 LSRs and 6 IPv6 LSRs**
 - IPv6 is as fast as IPv4, if not faster
- ☆ **Various devices introduced jitter**
 - It could yield buffer overflow at receiver
 - CPU is almost 100% busy
 - Pacing at receiver side makes sense
 - as well as at sender side, of course
 - This may not be seen a pure OC-192c path
 - not practical...

Acknowledgement

☆ **It was a success by GLIF community**

- May networks/GOLEs/operators contributed a lot
- IEEAF/JGN2/PNWGPop/StarLight/MANLAN/CANARIE
- SURFNet/NetherLight/TransLight