

(Irasshaimase)

GLIF Tech #6

Tokyo, Japan

September 11 & 12, 2006



## Tech who's who and other facts

- Co-chairs: René Hatem (CANARIE) & Erik-Jan Bos (SURFnet)
- Secretary: Kevin Meynell (TERENA)
- Web site: <http://www.glif.is/working-groups/tech/>
- Mailing list: <tech at glif.is>
- So far, meeting twice a year:
  - At the annual GLIF meeting, in September
  - At some event “near us all”, at the end of winter

# GOLE Updates

- Updates from the GLIF Open Lightpath Exchanges:
  - KRLight (Daejeon, KR)
  - T-Lex (Tokyo, JP)
  - PNWGP (Seattle, WA, US)
  - CENIC (Los Angeles, CA, US)
  - StarLight (Chicago, IL, US)
  - MAN LAN (New York City, NY, US)
  - NetherLight (Amsterdam, NL)
  - NorthernLight (Stockholm, SE)
  - CzechLight (Praha, CZ)
  - HKOEP (Hong Kong, CN)



# GLIF Tech activity and web site

- Decided to have a Tech Wiki for collaborating
- GOLE Conference Calls, still very usefull, frequency every two months, next ones:
  - Mid October 2006 (chair: Akira Kato)
  - Mid December 2006

# Preparations for SC06

- SC06 in Tampa, FL, November 11-17, 2006
- Three bandwidth providers in SC06:
  - Abilene
  - Atlantic Wave
  - NLR FrameNet & PacketNet
- Message to the Tech List to follow, with contact information and deadline

# GLIF Common Framework

- Review <http://www.glif.is/resources/faq.pdf>
- GOLE diagrams in the common framework: Speaking the same language, consistency quest on-going
- Moving towards a stable entropy

# TL1 Toolkit

- Connecting the dots... And leaving the TL1 Dark Ages
- Optical gear most always works with TL1, the TL1 toolkit hides all this complexity to the user through Perl API
- Retrieves info from network equipment, put in data base, topology info description is needed: NDL!

# Contracting & Fault resolution

- The Tech's process document on the global Lightpath Contracting process and the Fault Resolution process
- Two ways of contracting:
  - The parallel "master contractor" process
  - The serial "peering relationship" process
- The Fault Resolution Process should be coherent with the Contracting Process
- Optimizing communication paths for Fault Resolution



# Issue Analysis Hybrid Networks

- Document defining the open questions on lightpath provisioning:
  - Business framework
  - Using Lightpath Services
  - Providing Lightpath Services
  - Developing Lightpath Services
- Up for peer review in Tokyo GLIF Tech
- Wonderful additions and comments
- Will be up on the Tech Wiki for shaping the answers

## New topics & next meeting

- Inventory of new topics to work on:
  - Circuit identification and naming (Alan)
  - Lightpath naming (Erik-Jan)
  - GLIF Resource policy information (Christian)
  - End-user technical equipment advice (Stanislav)
- Tentative next Tech meeting: Minneapolis, MN, USA, February 2007, co-located with Joint Techs