



NetherLight update

GLIF Workshop

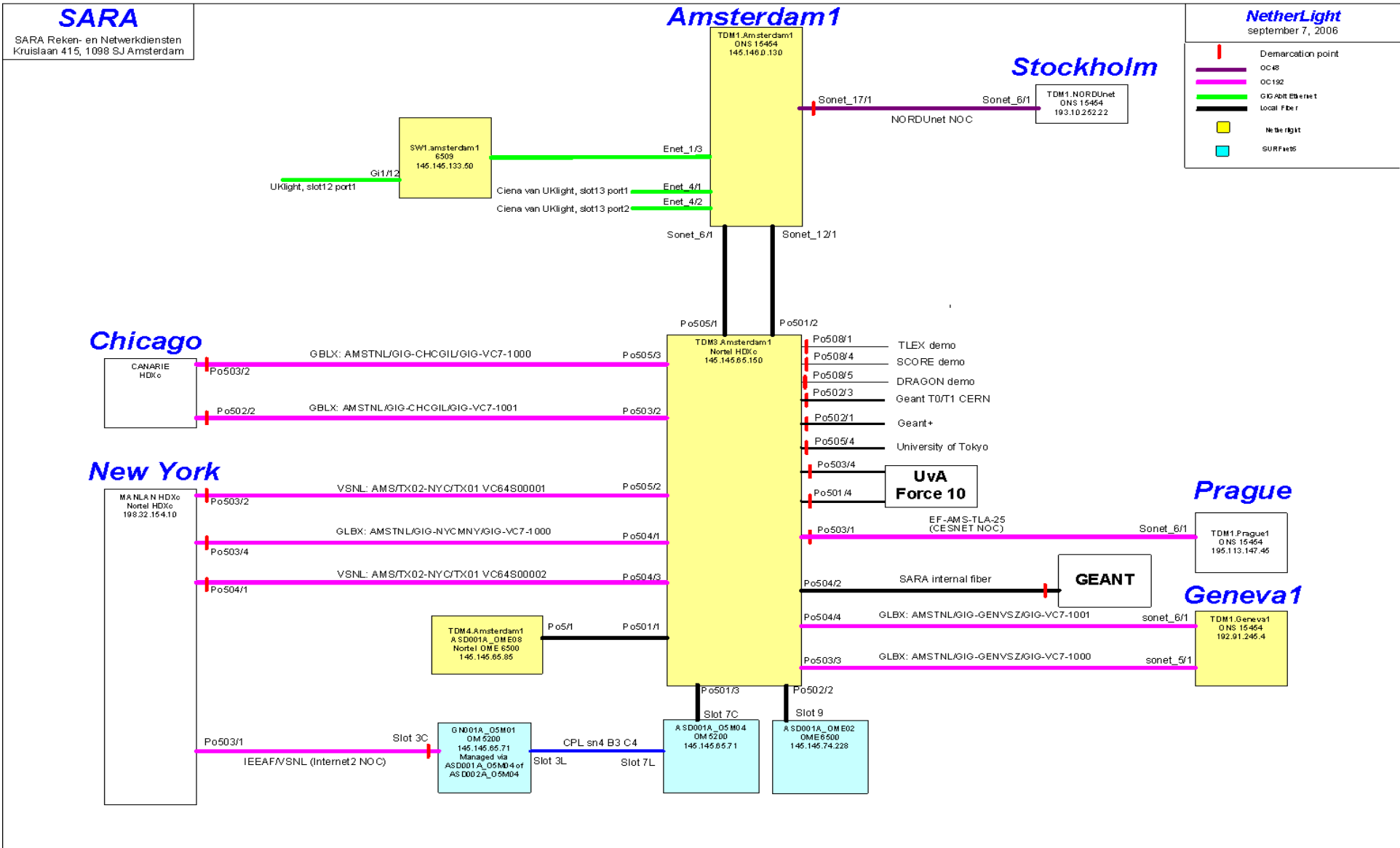
Sep 2006, Tokyo

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NetherLight topology

- We try to keep an up to date picture on:
 - <http://noc.netherlight.net/netherlight.png>
- Info on the GLIF website is also correct
- current equipment:
 - Nortel HDXc (OC192, 1GE/GFP-F services)
 - Nortel OME6500 (1GE/GFP-F services)
 - Cisco ONS15454 (1GE/LEX services)
 - Cisco 6509 (1GE services)



New GEANT2 connections

- three new 10 Gbps lambdas to CERN
 - LHCOPN between SARA and CERN
 - in use when OME6500 in Geneva is present
 - replacement of current GLBX links
 - one additional link for Canada's LHCOPN participation

OME6500 in Geneva

- ONS15454 will be replaced by OME6500
- transition from GLBX links to GEANT circuits
- LEX conversion only in Amsterdam
 - e.g. LHCOPN Vancouver
- planning October 2006

Dark fiber to Hamburg

- meeting NORDUnet at Hamburg
- AUP free
- GLORIAD (10G Amsterdam – Moscow)
- LHCOPN of Scandinavian T1 sites
- NORDUnet – AMS-IX link

New NOC website

- <http://noc.netherlight.net/>
- information about lightpath status
- information about topology
- NOC contact information
- future:
 - information about planned work?



Netherlight TL1 Circuits - Firefox

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http://noc.netherlight.net/cgi-bin/netherlight-status.pl

Getting Started Latest Headlines

Netherlight Lightpaths status overview

ok	ASNet 2 Service Challenge-Ams1-GenevaTST
ok	ASNet Service Challenge-Ams1-Geneva-TST
DOWN	CERN-Vancouver - TST
DOWN	CERN-Vancouver 2 - TST
ok	RAL-CERN-1 TST
ok	RAL-CERN-2 TST
ok	UKlight/RAL_CERN_1G-1
ok	UKlight/RAL_CERN_1G-2
ok	SARA/Nikhef Service Challenge 10G - TST
DOWN	MAN LAN Laag 2 Exchange New York
ok	Prague ASnet - Korea ARSP10688
ok	IRNC - GEANT/Abilene OC192
ok	Prague - Chicago IoP-FNAL ARSP10689
ok	F10-WAN-PHY-TST
ok	RIPN/GLORIAD
DOWN	NY Loop UVA 1
DOWN	NY Loop UVA 2
DOWN	2,5Gig SURFnet-Abilene
ok	HKOEP-test-circuit-TST
ok	SURFnet-TLEX-PCX-Apan-demo
ok	Amsterdam-chicago-DRAGON-1gbs
DOWN	Canarie/SURFnet Wide project
DOWN	tdm3.ams1_ManLAN-1GIG(Score-N-light)

click on the circuitname to get more information about the status/route and alarms for this specific Lightpath.

Page generated on: 2006-09-10 03:34:40

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Netherlight TL1 Circuits - Firefox

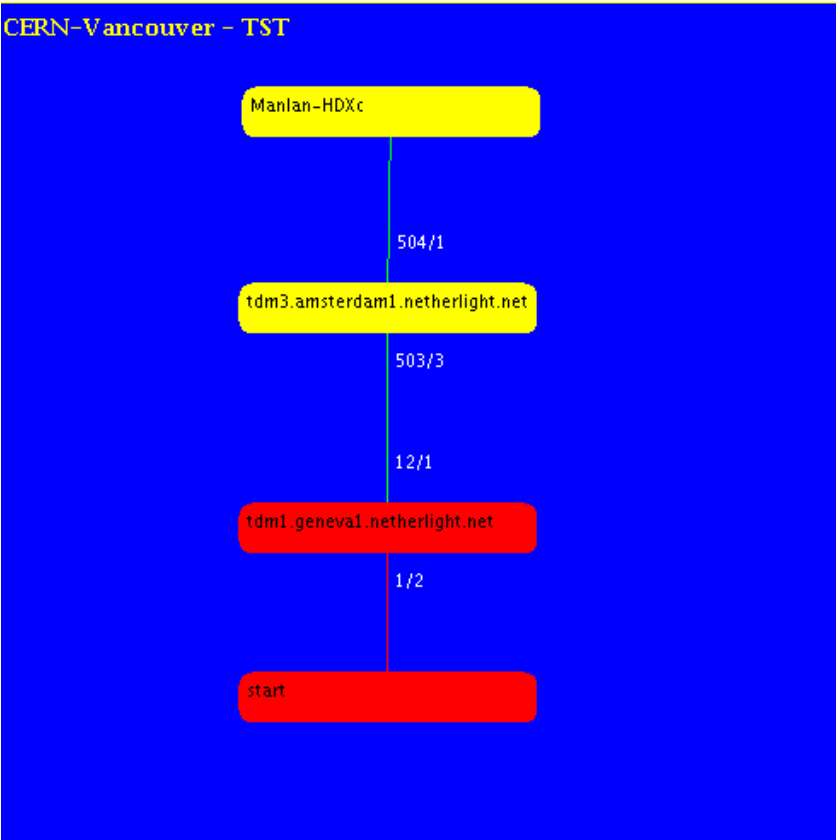
File Edit View Go Bookmarks Tools Help

http://noc.netherlight.net/cgi-bin/drawjava.pl?CERN-Vancouver%20-%20TST

Getting Started Latest Headlines

ck

CERN-Vancouver - TST




```

graph TD
    start([start]) -- 1/2 --> tdm1([tdm1.geneva1.netherlight.net])
    tdm1 -- 12/1 --> tdm3([tdm3.amsterdam1.netherlight.net])
    tdm3 -- 503/3 --> manlan([Manlan-HDXc])
    
```

circuit details: CERN-Vancouver - TST

Status for this circuit is: **DOWN**

Powered by the [TL1-Toolkit!](#)

NE	circuitname	bandwidth	begin	end	Alar
tdm1.geneva1.netherlight.net	CERN-Vancouver - TST	STS-24	12/1/49-72	GE 1/2	
tdm3.amsterdam1.netherlight.net	CERN-Vancouver - TST	STS-24	503/2/49-72	504/1/49-72	OK

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Alarm: Transport layer failure on interface 1/2
system interface name FAC-1-2

Alarm on tdm1.geneva1.netherlight.net at: 2006-09-07 16:17:02

javascript:void(0)

Adblock

NOC changes

- SURFnet6 NOC: SARA + Telindus ISC
- 24x7 by Telindus ISC
- new phone number
- new email address
- announcement will be sent to GLIF mailing list

Cost recovery

- Cost recovery as of Jan 1st, 2007
- financing future extensions
- financial model being discussed
 - e.g. marginal costs (only port price)

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Thanks you!

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