Conclusions

- Clarity on OPN
  - Does it carry T2-* traffic – NO
  - Does it carry T1-T1 traffic – YES
    - T0-T1 traffic is well below 10G level.
    - T1's can exchange between themselves at less than best effort (T0-T1 flows have priority) If they need to.
    - This is a decision of the T1's themselves.
  - Does it include CBF links – YES
  - A lightpath is part of the OPN (circuit governed by OPN policies). This may be less than a physical lambda which carries other types of traffic. This should be documented however.
- Backup Paths
  - Can we understand the dynamics? Are we sure that we understand how (over)loading will work. (Edoardo)
  - What is missing for a complete(!) plan? (Edoardo)
  - Test Plan – test automation and functioning also at the application level. (Don+Kors+Bruno)
  - Critical due to expected support hours (limited in many cases to extended working hours)
- T1-T1 traffic to be announced. (Edoardo)
- RAL needs to move to a public AS number (Robin)
- Security/Operations Policy – are sites taking it seriously? Is there any need for an "operations" officer and what tools would he have?
  - Long term tech ops working group - evolution of the routing working group
  - ENOC could do the surveillance given the right tools.
  - Active monitoring tools? How should we organise this? (DF to organise)
    - E2e service quality – active tools
    - Traffic sampling and analysis
    - Applicable also for t2-t1 circuits?
- How to advise on T2 connectivity?
  - Instrumentation at T2's, distributed by LCG. US-Atlas will deploy NDT in the US. Has a kernel requirement.
  - Remote T2's connectivity.
- Global extension of the E2ECU beyond Europe. (Roberto)
- PR Tool – weathermap, globe, links, (Roberto)
- Need work plan for the ENOC beyond transition. (Mathieu)
- Next Meeting When? (12t^h Jan) Where: Cambridge (Florida Intl Uni. Miami - Spring)