CS1 Status
Hanno Holties

CS1 Meeting, March 12, 2008

CS1 Status

- ◆ Operations
  - ✤ Weekend observation Cyg A 66 hours HBA (4 tiles + 3x4 single)
    - • L2008_05702
    - • 110 – 190 MHz
    - • CEP fringetracking not (correctly) done
    - • Results system noise promising (ref Michiel Brentjens)
  - ✤ SAS production server being configured
  - ✤ Inspection server being configured
  - ✤ Coming weekend proposed
    - • Similar to last weekend
    - • Higher Nyquist zone (170-230 MHz)

CS1 Status

- ◆ **Stations**
  - ✛ Software update (complete lofar/bin directory)
    - • CS010 pointing now correct
    - • Partly failed (BeamServer CS008/CS016)
  - ✛ HBA Tile 5, element 13 (storm) replaced
  - ✛ CS010 RCU 75&82 changed
  - ✛ CS016, HBA0 not working
  - ✛ CS001, RCU8 unstable
  - ✛ Default collection (and keeping) of station statistics discontinued

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LOFAR

CS1 Status

- ◆ **Network**
  - ✦ Network (broadcasting from stations) monday morning: solved.
  - ✦ Fiber with high data packet loss
    No news
  - ✦ Network configuration problems
    - • Still half bandwidth available
  - ✦ Lightpath LOFAR – Amsterdam
    - • After other network issues under control

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CS1 Status

- ◆ CEP
  - ⊕ Inputcluster new usage:
    - 1x development (old liifen)
    - 1x sas/mac
    - 1x CEP data generation
    - 1x 64-bit frontend (lioffen)
    - 9x offline processing (-> lioff20 - lioff29)
    - 1x testing 64 bit automated installation procedure (temporary)
- ◆ Storage
  - ⊕ Propose distribution of single observation subbands over storage nodes
    - (Automated) distributed processing

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