

LOFAR Status Meeting :: 09 Dec 2009

Notes from the meeting

LOFAR roll-out update (G. Heald)

- new CEP connections for a couple of stations
- team to install station electronics in Potsdam
- all superterp stations validated!
- position of station available through GoogleMaps → link to be placed at one of the LOFAR pages

Observatory status update (M. Brentjens)

- entire super terp connected → pointing will be verified today
- no know electric fences at this moment
- CS030 RCU 78 HBA signal is very bad
- list nodes are phased out
- lifs nodes are phased out
- network modification completed, still resolving fall-out
- estimated life-time of observations approx. 4-6 weeks, given the growing size of data-sets
- solved issues:
 - MAC/SAS instability
 - RSP command dropped
 - discrete jumps in HBA power and RMS (possibly related to bad RCU in CS030)

Wijnholds - Status HBA station calibration

- three-level approach
 1. characterization of the tiles
 2. station level
 3. array calibration → selfcal at CEP
- redundancy calibration
 - redundant baselines measure the same visibilities

From:

<https://www.astron.nl/lofarwiki/> - **LOFAR Wiki**

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