

LOFAR v1.0 Development Status

System Development
Harm Munk

Software development

- Most recent: 6 hr observation last weekend
 - Error during observation (new MAC version)
 - pipelines stable
- Existing MSSS data processing
- “LST block scheduling” implemented

Software development

8-bit mode

- Firmware tests successful
- Data ordering error in CEP communication: corrected
- Next: roll out to test station

Software development

LTA

- Robustness ingest process improved
- Target archive
 - This week last files to be recovered from tape
 - 4,000/100,000 files unrecoverable
 - Mostly MSSS data, usually sub bands missing
 - Next week: reconfiguration
 - 500 TB available, 50% in use (recovery)
 - Full capacity after next week (1 PB disk, ~2 PB tape)
 - November to used for Target system stabilisation
 - Connection CEP-Target to 80 Gb/s this month
- Jülich, SARA archives: no problems