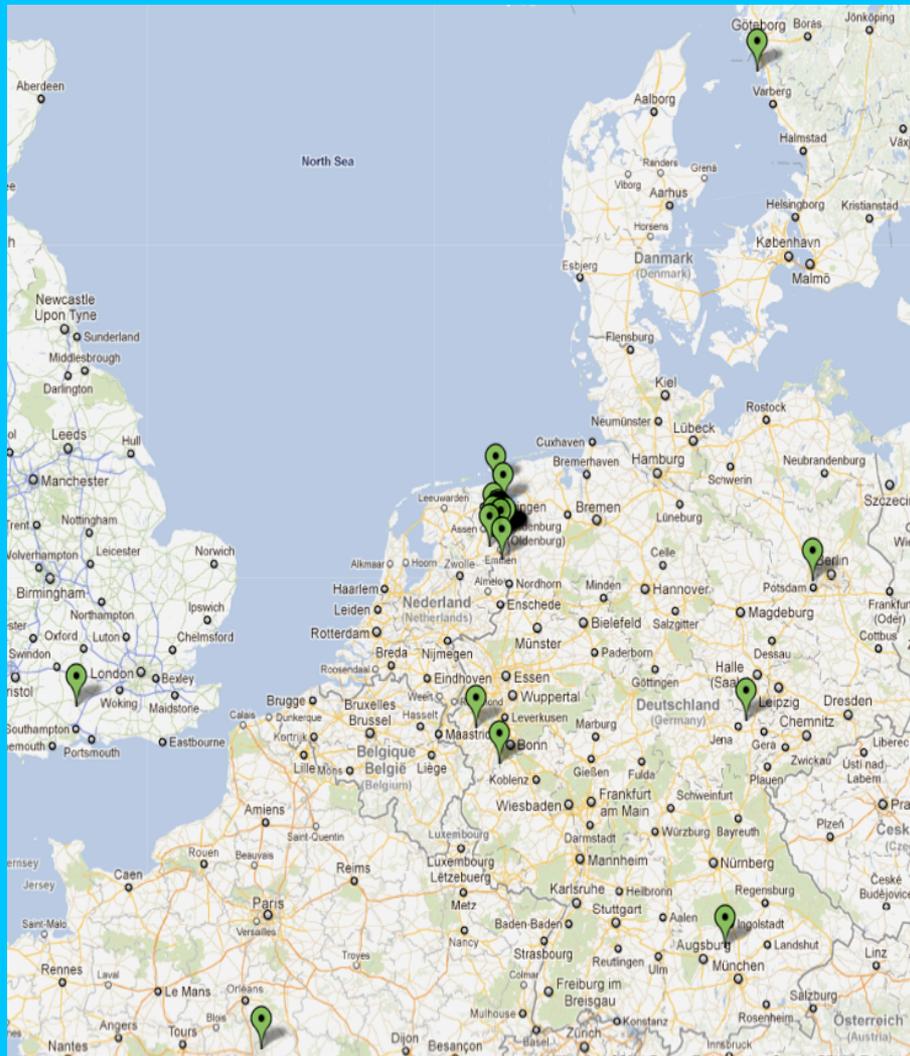


Programme

- 1) Observatory Update – Wilfred Frieswijk
- 2) Software status update – Harm Munk
- 3) MSSS update – George Heald
- 4) Commissioning results for the Elais field – Vibor Jelic
- 5) Commissioning results for Cyg A – John McKean
- 6) Octocopter measurements – Stijn Buitink

Observatory Status



Current Status:

33 operational NL stations

24 core + 9 remote

8 Intern. stations part of the array

RS305: waiting for antenna config file

RS407: Connection (almost) ready, antenna config file t.b.d.

RS409: waiting for connection via RS310

RS310: Construction started, LBA placed, HBA cabling next week. Testing/validating starts in ~3 weeks. Network connection done this week.

RS210: Picket poles placed Monday, construction started yesterday.

- System stability is improving, stress tests are ongoing to monitor hardware behavior
- Synoptic boards
 - ✓ RS installed
 - ✓ CS components ready, installation could start next week
- Fixing the coordinate system of Effelsberg is ongoing
- Installing AARTFAAC hardware in superterp cabinets this week
- LORA will be fixed this week
- Ongoing tests with automated calibrator-target-imaging pipelines

- Problematic stations
 - ✓ CS024: connection problems; broken interface, fixed
 - ✓ CS005: broken power filter; replaced
 - * CS030: oscillating tiles; in repair
 - ✓ CS201: bad connection; cleaned, fiber module replaced
 - ✓ CS302: clock problems; rubidium replaced
- Maintenance
 - ✓ DE602: repairs on connectors, LBA's, P-summatoms; replaced 2 RCU's; TBB and RCU firmware upgrade
 - ✓ DE605: repairs on connectors; replaced Rubidium, HBA elements, LBA head; TBB and RCU firmware upgrade

News regarding the observing system: Archive



- Raw MSSS (LBA) has started and is progressing
- Processed MSSS will start as soon as the automated imaging pipeline is up and running
- Commissioning (raw + pre-processed) archived to Juelich

News regarding observations and commissioning

- Weekdays
 - ✓ monitoring, system validation, automated pipeline testing
 - ✓ IPS (Fallows+)
- Weekends
 - ✓ commissioning: LB (Wucknitz), CIZA re-run (Stroe+), IPS (Fallows+)

http://www.lofar.org/wiki/doku.php?id=commissioning:commissioning_observations
- VHECR-mode (TBB) in piggy-back mode and stand-alone

CEP stop-day 1 October

Network

- All Foundry RX switch modules updated and reloaded.
- CS024 connection still broken

BG/P

- OS patches for BG service node and front-ends were installed
- BG/P eFixes implemented up to #53
- BG/P diagnostics did not indicate any problem

Portals & central services

- All portal updated and rebooted
- All central service hosts updated and rebooted

SAS/MAC

- kis001, sas001, mcu001, ccu001 rebooted
- sas099, mcu099 and ccu099 reboote

CEP1

- Frontend lfe001 & lfe002 rebooted
- Lexar001 & lexar002 rebooted (routing problem solved)
- All lce nodes rebooted
- All lse nodes rebooted
- GlusterFS activated after reboot (needs 1 by 1 start from lse001)
- NFS server rebooted and all filesystems checked.
- Lcs010 rebooted, ldb001 and ldb002 untouched
- Lexars rebooted, routing repaired

CEP2

- all nodes has been rebooted
- router4 has been installed and is now operational
- fan3 of locus051 has been repaired
- problem with lofarsys public keys solved

http://www.lofar.org/wiki/doku.php?id=engineering:stopday_procedure

CALENDAR of requested busy weeks and other LOFAR activities

- <http://www.astron.nl/radio-observatory/astronomers/commissioning/commissioning-plan>

4	October	11:00	Busy Thursday (multimedia room)
12	October	11:00	Next LSM
5	November		Imaging busy week (ASTRON)