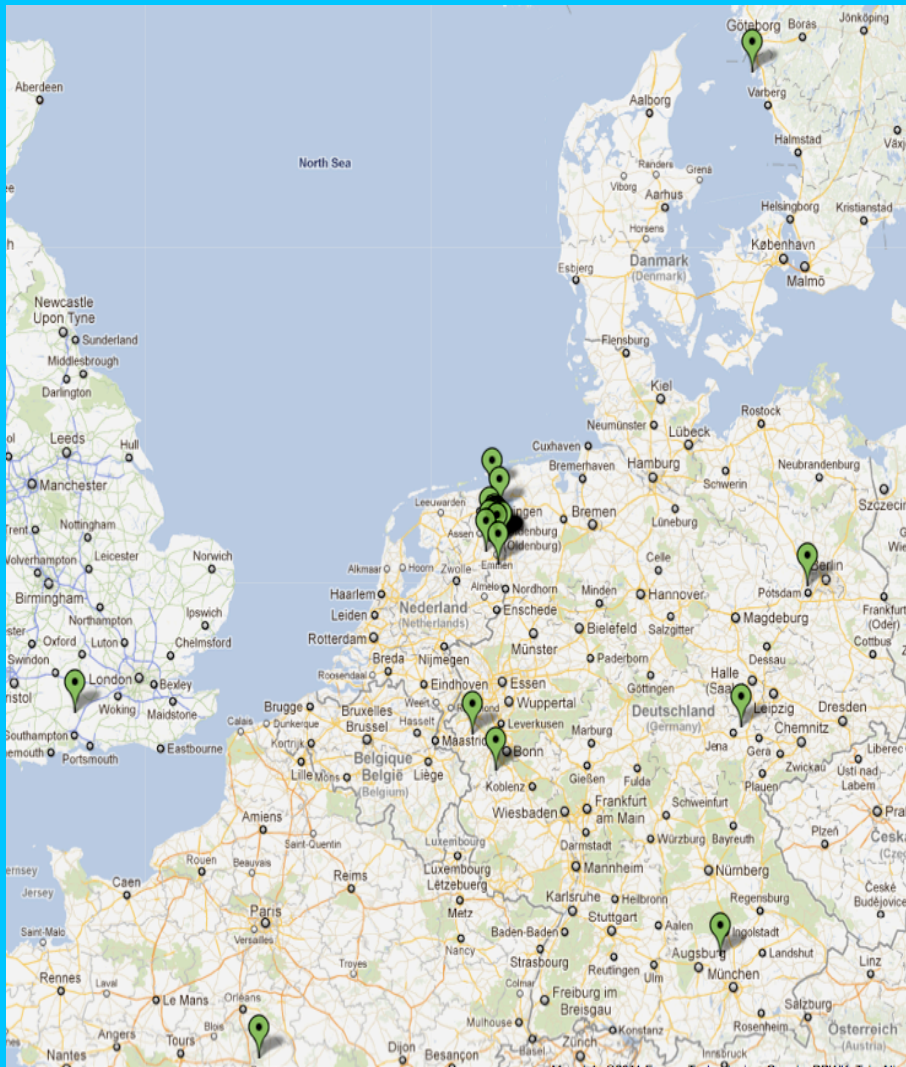


Programme:

1. Observatory Update – M.C. Toribio
2. Investigation on Peeling with Extended Emission and HBA Filter sensitivity - D. Mulcahy
3. Octocopter measurements - S. Thoudam
4. LBA Observations of Hercules A: preliminary results - L. Birzan
5. Update on the Solar Imaging Pipeline & Solar Calibrator Survey - F. Breitling

Observatory Status



Current Status:

33 operational NL stations

24 core + 9 remote

8 Intern. stations part of the array

RS305: waiting for PVSS license

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

RS409: waiting for connection via RS310

RS310: LBA finalized. HBA installation will start this week. Validation tests early November.

RS210: site preparation finished. Antenna installation next week.

www.astron.nl/radio-observatory/astronomers/current-status

- First successful 8-bit mode test on the test system.
- New SyncOptic boards installed:
 - ✓ All RS stations
 - ✓ Core: superterp, CS011, 17, 21, 26, 30, 32, 201, 301, 302, 401, 501.
 - New calibration tables for these stations are in process.
- Effelsberg: new coordinate files installed.

- AARTFAAC: connectors to the fibers installed in order to connect up all superterp stations.
- LORA has been fixed.
- Ongoing test with automated calibrator-target-imaging pipelines
- Maintenance:
 - DE601: 15/10-19/10

News regarding the observing system : Archive

- Raw MSSS (LBA) archiving ongoing
- Commissioning (raw + processed) archived to Juelich.

News regarding observations and commissioning

Weekdays

- ✓ monitoring, system validation, automated pipeline testing
- ✓ IPS (Fallows+)
- ✓ Solar observations started
- ✓ EoR test observations (16 bit) to validate the transfer to EoR cluster.

Weekends

- ✓ Test to schedule 6h MSSS block with automatic pipelines attached.
- ✓ MSSS pipelines running for old LBA MSSS data in order to assess the pipeline stability.
- ✓ VHECR-mode (TBB) observations.

Commissioning proposals:

The procedure to request commissioning observations is still the same, but from now on:

- You should send your proposals to R. Nijboer, M. Wise and R. Pizzo.
- Commissioning merits will be discussed during the TAG meetings.
- Please, remember to specify in your proposals **the data processing and overall resources** required for the project.

CEP news:

CEP1

- Clean up of lse nodes: new staging areas will be created in the empty lse nodes. They will be fully administrated by SSG for temporary storing data from CEP2.
- Major CEP1 users have been requested to delete old data from CEP1. The request was sent out last Friday: please reply before the end of the week.

CEP2

- Stable during the last 2 weeks. Overview:
[http://www.lofar.org/operations/doku.php
id=operator:current_station_overview#state_of_locus_nodes](http://www.lofar.org/operations/doku.php?id=operator:current_station_overview#state_of_locus_nodes)

CALENDAR of requested busy weeks and other LOFAR activities

- 18 October: Busy Thursday
- 31 October 11:00: next LSM
- 5-8 November: Imaging busy week (ASTRON) -- Experts
- 14-18 January: LOFAR imaging busy week -- General

Overview of commissioning plans:

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