

Programme:

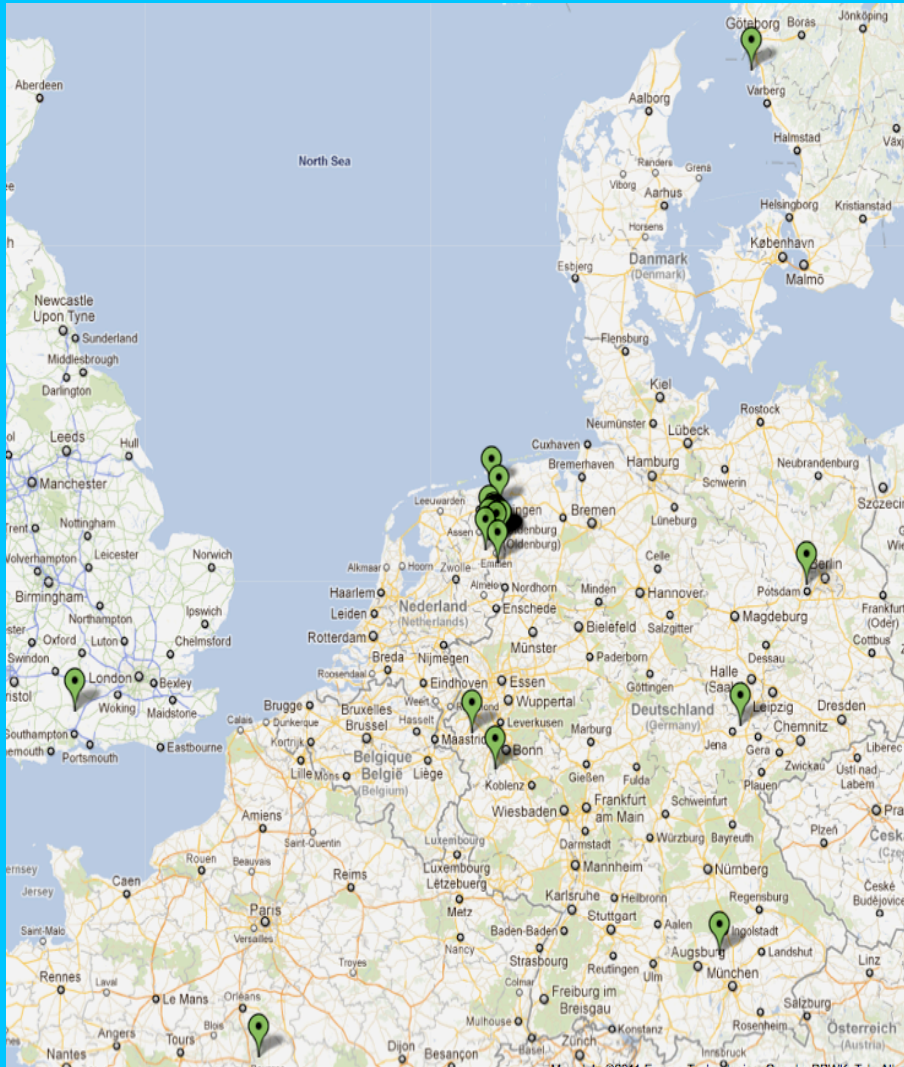
1. *Observatory Update – E. Orru'*
2. *Software update - H. Munk*
3. *MSSS update - G. Heald*
4. *Recent results on NCP imaging - S. Yatawatta*
5. *Recent polarimetric results for the Elais field - V. Jelic*

Current Status:

34 operational NL stations
24 core + 10 remote

8 Intern. stations part of the array

- Network problem with CS001 solved (Fiber optic replaced)
- CS301 oscillating tile
- CS302_HBA0 and CS401_HBA1 have extra RFI shields around the P summators self generated RFI gone



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

- New station RS305 in calibration table for HBA but LBA low S/N under investigation
- RS407 & RS409 on-line (still testing)
- DE601, RS407 calibration data recorded
- New stations RS310 and RS409 need new configuration tables. They should be in the array before the next LSM!!
- A farmer reported “lots of styrofoam and black plastic” at and near the RS310 (Onna) station. H. Meulman reports that tile 44 is completely destroyed and needs to be replaced.
- Test for parallel eVLBI LOFAR observations next week

News regarding the observing system

- Upgrade LOFAR software version 1.9:
SAS MAC CORRELATOR PIPELINE SCHEDULER
Failures caused by roll out, were fixed on Monday.
- New SAS/MAC database engine configured (needs testing)
- LBA outer in phase: PSR observation simultaneously
coherent/incoherent sum of the all core (-CS013).
*"The results look fantastic and this observation is truly unique in the
history of radio astronomy"* by Jason
- A script to detect oscillating dipoles is being developed by P.
Donker
- 8 bit observation are operational no human intervention
needed anymore

News regarding observations and commissioning

- MSSS HBA 8bit test failed, to be repeated
- EoR: 3C196 last week and NCP Monday
- Solar observations
- LBA and HBA test strategies for Cycle 0
- Flux scale issue in HBA pipeline, solution found, on the way to be fixed

CEP news:

- 2012-11-14 locus059: disk defect; reseated
- 2012-11-16 locus009 & locus010: system hang; probably high disk load
- 2012-11-23 lse007: disk E3 defect; replaced
- 2012-11-23 lse011 disk E11 and E12 defect, /data4 raidset destroyed; various problems to get the raidset running again; not yet solved.
- 2012-11-26 locus100: disk 7 intermittent problem; reseated
- 2012-11-26 lse021: disk E6 defect; reseated
- 2012-11-26 lse001: disk 3 defect; reseated
- 2012-11-26 locus011: system hang; probably kernel/XFS problem

CALENDAR of requested busy weeks and other LOFAR activities

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

- This week "PSR busy week" : Manchester
- November 29th "Busy Thursday" : Astron
using the new tool Vidyo
- January 14-18 2013 "Imaging busy week" : Leiden
- Next LSM December 12th

DECEMBER 1st LOFAR Cycle 0 begins
with 3C196 for EoR project.