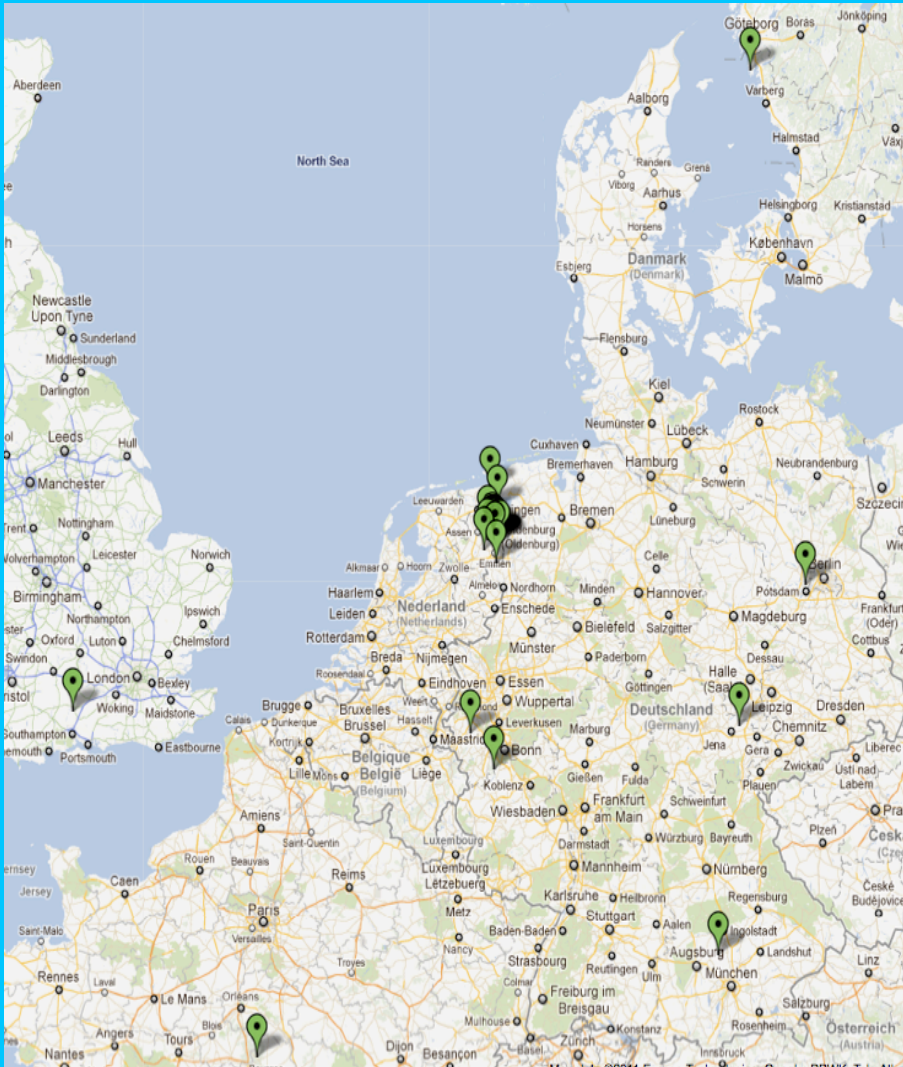


## Programme:

1. *Observatory Update – R. Pizzo*
2. *MSSS Update – G. Heald*
3. *Update on the Installation of the New Synoptic Boards – M. Brentjens*
4. *Effelsberg Sensitivity Problem – O. Wucknitz*
5. *Commissioning Results for DDRG 1835+62 – E. Orru'*
6. *Calibration Approach for LBA Data – A. Shulevsky*
7. *Commissioning Results for the Elais Field – V. Jelic*

# Observatory Status



## Current Status:

33 operational NL stations  
24 core + 9 remote

*8 Intern. stations part of the array*

**RS305:** *synoptic board installed and ant. conf. to be installed this week*

**RS407,409:** *waiting for network connections*

**RS310** – *flattening of the ground*

**RS210** – *building permits finalized*

[www.astron.nl/radio-observatory/astronomers/current-status](http://www.astron.nl/radio-observatory/astronomers/current-status)

## News regarding the observing system

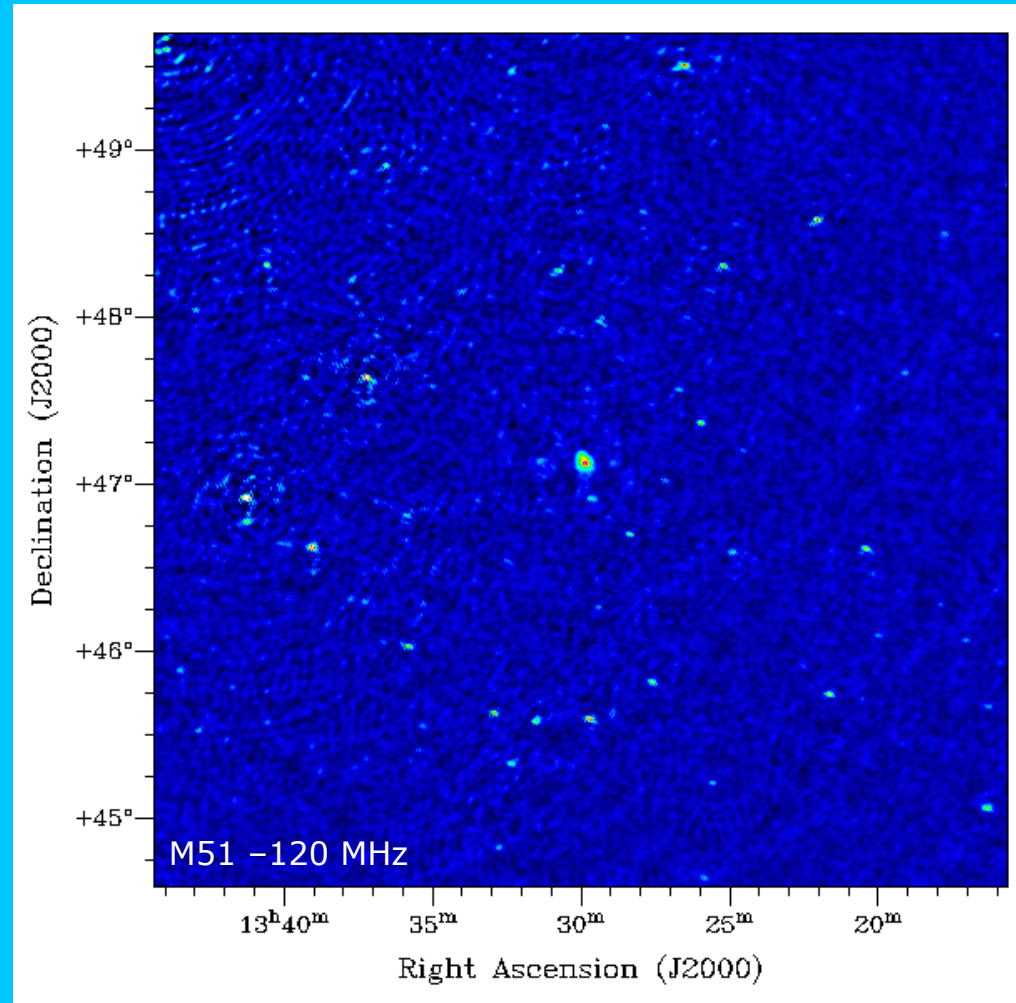


- Problems with the stability of the system improved during the last few weeks (detailed track of operational issues on a spreadsheet document helping collecting relevant statistics)
- Synoptic boards installed on all operational Remote Stations. Overall performance is very good (see talk from M. Brentjens)
- Sensitivity problems with the Effelsberg station have been identified (see talk from O. Wucknitz)



# News regarding the observing system

- Further work performed on the calibrator-target-imaging pipelines. All frequency bands now produce good images – stability needs to improved



## News regarding the observing system : Archive

- Intensive archiving at Jülich during the last few weeks. Work to improve the stability of this procedure is ongoing
- We will start archiving **ALL** MSSS data this week and in parallel we will process them through the automatic pipeline. This is made possible thanks to changes introduced in MoM and in the Scheduler

## News regarding observations and commissioning



- During the week: monitoring runs, system validation runs, pipeline testing
- Commissioning runs performed every week-end. List of requests at

[http://www.lofar.org/wiki/doku.php?id=commissioning:commissioning\\_observations](http://www.lofar.org/wiki/doku.php?id=commissioning:commissioning_observations)

Recent observations: LB (Wucknitz), CIZA J2242.8+5301 (Stroe et al.), Sun + Tau A (Vocks et al.), Pulsars for high RM accuracy measurements (de Bruyn et al.)

- TBB observations performed for the rest of the time and in pigging backing mode

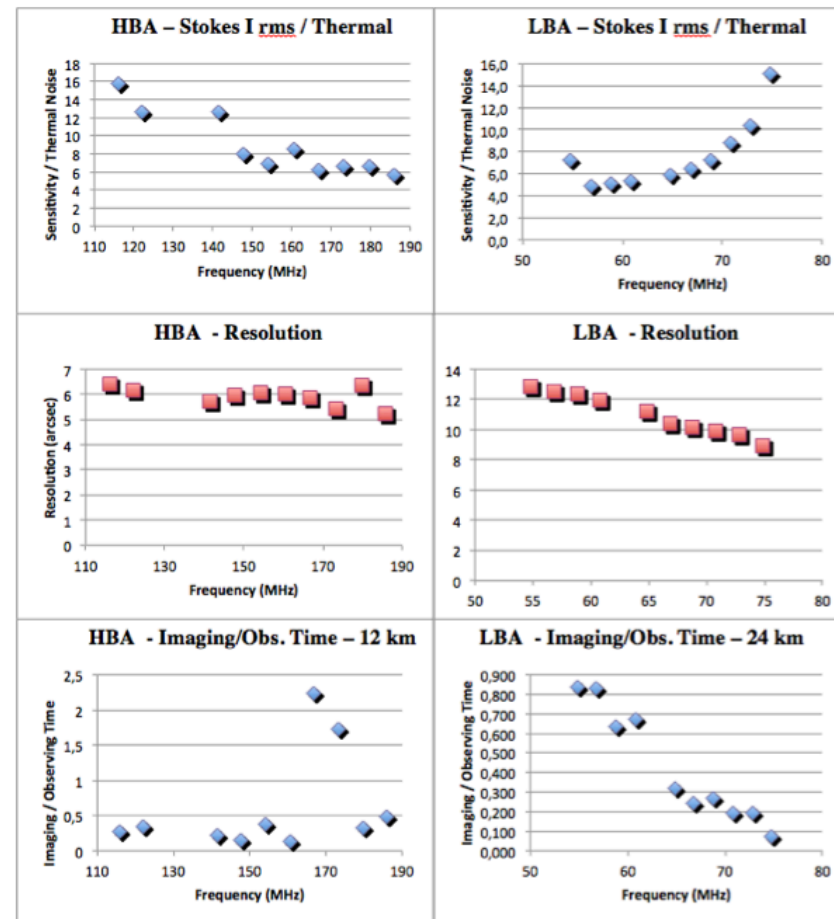
# News regarding observations and commissioning

- Commissioning: characterization results published on the ASTRON website (<https://www.astron.nl/radio-observatory/astronomers/array-configurations/3-telescope-parameters-and-array-configurations>)
- Also AJDI

## Daily Image

10-09-2012

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## CEP news:

- All locus nodes are up and running
- CEP2 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)

- Removal of old data from CEP2
- Lse nodes emptied of all data – they will be used as a temporary staging area for commissioning data. These areas will be administrated by Sciencesupport



# CALENDAR of requested busy weeks and other LOFAR activities



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

- 17 September 12 UT : LOFAR Cycle 0 proposal deadline
- 20 September : Busy Thursday