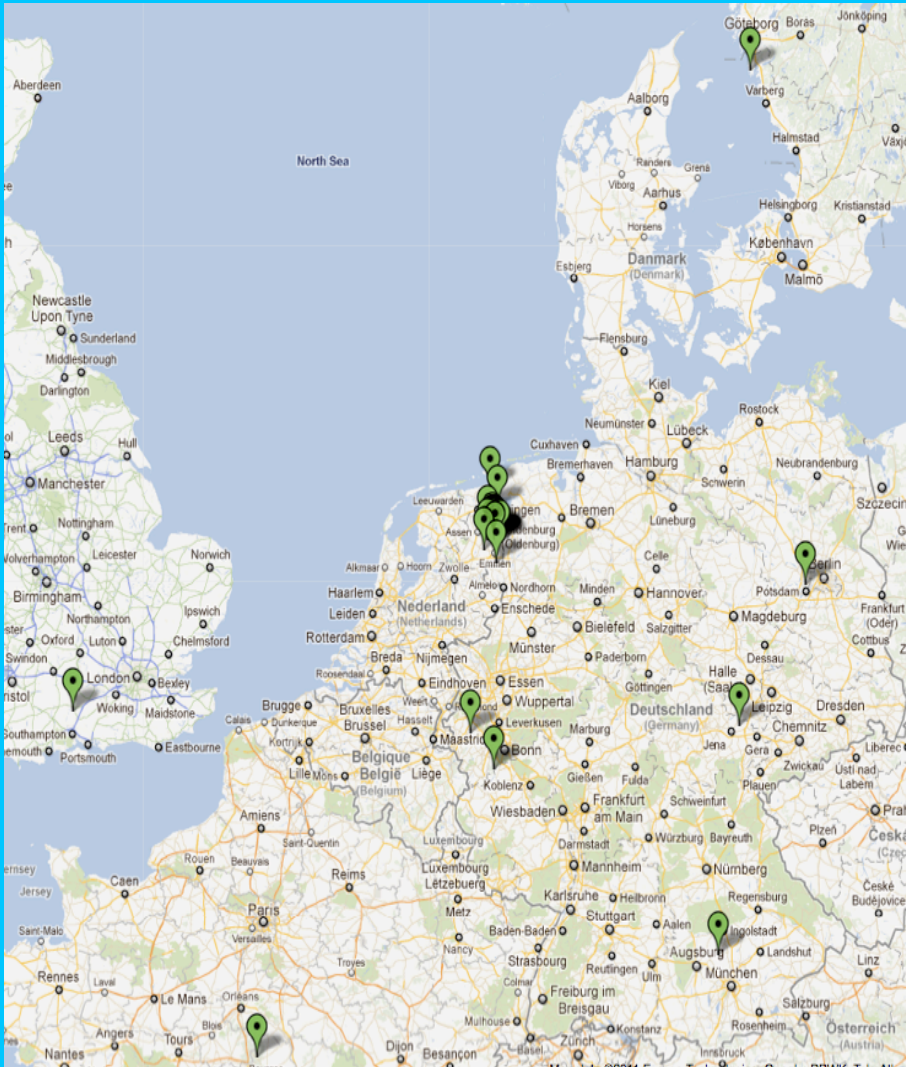


Programme:

- 1. Observatory Update – R. Pizzo*
- 2. Update on recent results for LC0_019 – G. de Bruyn*
- 3. Update on recent results for LC0_034 – J. Hessels*
- 4. LOFAR commissioning results for the FAN region – M. Iacobelli*

Observatory Status



Current Status:

37 operational NL stations
24 core + 13 remote
8 International stations

- RS310, RS409: included in production before Christmas
- RS210: power connection in place this week. Fiber connection end of February. Included in operations in March
- FR606: faulty air-con unit – cannot be used currently

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

News regarding the observing system



- Station calibration:
 - New remote stations (RS305, RS310, RS407, RS409) received new calibration tables for mode 5 – processing ongoing for other modes

- Updated status available at

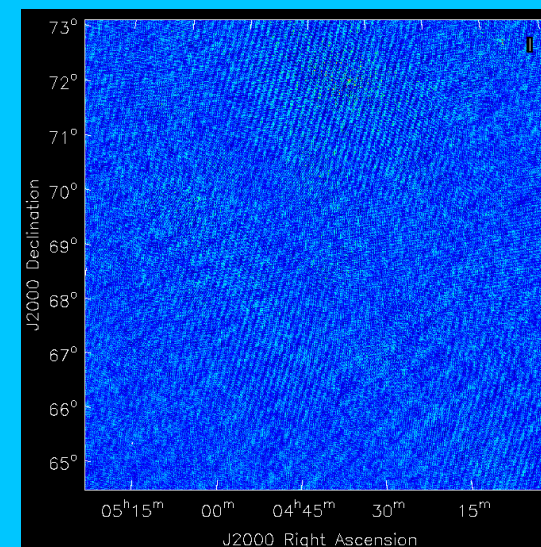
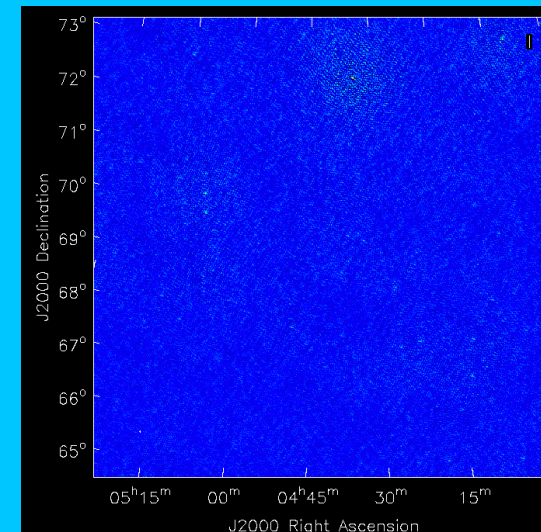
<http://www.astron.nl/radio-observatory/astronomers/current-status>

News regarding the observing system: Updates, issues, tests

- Focus: bug fixes
- Development of XML generator for Cycle 0 observations + pipelines
- Small updates in MoM, Scheduler, SaS/MAC to make the system stable
- Observations continued through the Christmas break – the system behaved very well! Only minor problems experienced with a few stations: CS026, RS305, CS501, DE601 - being looked at

News regarding the observing system: tests, MSSS, pipelines

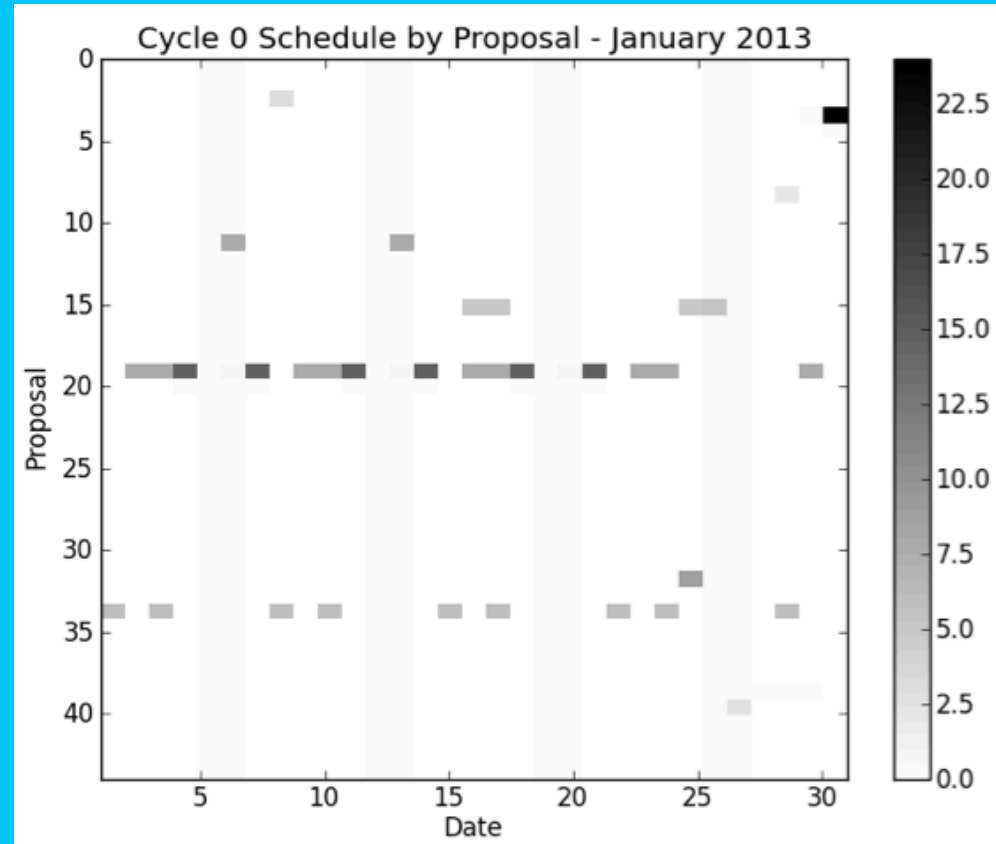
- Cycle 0 HBA and LBA strategies being continuously tested – also during Christmas break
- MSSS: continuing processing of old MSSS data – two more week-ends processed during the Christmas break – pipelines improved in stability
- MSSS: repetition of fields L086+40 and L070+69 to investigate how data and image quality changes with time
- MSSS: continuation of MSSS survey in LBA: 6hrs block observed on 22 December 2012



News regarding Cycle 0 observations



- Cycle 0 continuing at ~30% efficiency – expected to increase constantly during the coming months
- Projects: LC0_019, LC0_034, LC0_011, LC0_002, LC0_017, LC0_032 – preparations are ongoing
- Tests performed for LC0_003 and LC0_026



News regarding other observations and commissioning



- Commissioning proposal from Vetandham et al. observed on December 26th 2012
- TBB runs – piggybacking and stand alone
- System monitoring and validation runs

News regarding the observing system : Archive

- Archiving of raw and processed data is progressing:
 - Raw MSSS data continued to be archived at a reduced rate
 - LC0_019 and Vetandam et al. data transferred to Target cluster

CEP news:

- CEP-2 & CEP-1: stable
- No stop day in January but in February (February 5th – Tuesday)

CALENDAR of requested busy weeks and other LOFAR activities



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

- January 10 : Busy Thursday, Dwingeloo
- January 14-19 : Imaging busy week, Leiden
- March 18-22 : LOFAR Dalfsen 2
- May 13-17 : MKSP meeting (workshop 13-15 May; busy days 16-17 May)