

Radio Observatory Report

Station/Item	Cabinet	LBA	HBA	Fibre	CEP connection	Validated
CS302						
RS307						
RS503						
RS106						
RS208						
CS030						
CS401						
CS021						
CS032						
RS306						
CS301						
CS501						
RS509						
CS103						
CS001						
CS002						
CS003						
CS004						
CS005						
CS006						
CS007						
CS024						
CS201						
CS101						
CS026						
RS205						
CS017						
CS011						
CS013						
CS028						
CS031						
RS305 (RS104)						
RS210						
RS310						
RS404						
RS406						
RS407						
RS409						
RS410						
RS508						
Effelsberg						
Tautenburg						
Garching						
Potsdam						
Juelich						
Nancay						
Onsala						
Chilbolton						
Totals	40	40	40	38	36	36

Current Status:

27 operational NL stations

20 core + 7 remote

6 stations partially constructed
(4 core, 2 remote)

7 remote stations planned for 2011

6 International stations fully constructed

5 International stations operational

1 Partially constructed (DE605 Juelich)

1 (SE607) planned for 2011

Observations

- LEA128: Observations of 3C196 and NCP to monitor the performance of the array
- LEA114: Polarization observation of the FAN region (repeat)
- LEA074: Test of TBB observations
- LEA032: HBA observation of J0329+54
- LEA032: HBA observation of Cygnus X3 in "rising" state
- MSSS: test HBA observations of Cygnus A at 120-190 MHz
- Pulsar observations

Observations are processed through RFIConsole and averaged to the compute nodes.

Contact: sciencesupport@astron.nl for more information.

Issues affecting the observing System

- **CEPII Cluster:** H/W delivery & installation is progressing.
 - Ready for tests
 - On track for parallel use during April.

- LSE014: Investigation continuing.
- Repairs of broken LBAs ongoing.
- CS501: Network connection is monitored.
- RSP boards jump to ERROR state: Monitored

CALENDAR of requested busy weeks and other LOFAR activities



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

- 21-25 March : Magnetism KSP Busy Week in Bonn
(use of Phase I cluster)
- 28 Mar-1 Apr : Imaging Busy Week in Dwingeloo
(use of Phase I cluster)
- 11-15 April : Pulsar Busy Week in Dwingeloo
(use of Phase I cluster)

