

## Radio Observatory Report

*Antonis Polatidis*

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						
RS104						
RS210						
RS310						
RS404						
RS406						
RS407						
RS409						
RS410						
RS508						
Effelsberg						
Tautenburg						
Garching						
Potsdam						
Juelich						
Nancay						
Onsala						
Chilbolton						
Totals	31	28	25	29	29	22

# Roll-out News

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## Roll-out:

- CS201 and CS301: working on validation.
- CS101: HBAs are installed.

Single clock distribution to super-terp stations will be implemented early next week.  
Aim to be ready for Pulsar BW (May 10-14)

Beam Server and Cal server software implemented  
Testing this and next week.

# Observations & Commissioning Work

## **Past Week:** 3rd Control & Metadata Busy week

- Imaging pipeline running on data distributed over many storage nodes.
- Evaluating performance of pipeline elements
- Single station HBA calibration 48hr observations for 2 stations.

## **This week: Magnetism KSP “Busy Days”**

- Scheduled pulsar+beam-formed observations of polarized pulsars
- Planning first test observation of Fan-region
- Test observations to check cable delays
- Test observations to test polarization issue

## **Next week: Imaging Busy week**

- Work on existing observations
- Planning new observations to investigate specific problems

# Block Schedule: April 2010

(astron.nl/radio-observatory/astronomers/commissioning/commissioning-plan)

Mon	Tue	Wed	Thu	Fri
29	30	31	1 Apr	2
Long Baselines Working Group				Easter
5	6	7	8	9
Easter	Transients KSP Busy Week			
12	13	14	15	16
3rd Control & Metadata BW and MSSS dress rehearsal				
19	20	21	22	23
Magnetism KSP Plenary Meeting, Dwingeloo - Cluster resources 21-23 April				
26	27	28	29	30
Imaging Busy Week (Leiden)				Queen's Day Holiday

**April 2010**

BW in Dwingeloo

Continue work on integrated operations & MSSS rehearsal.

Plenary meeting in Dwingeloo  
Cluster resources at later part of the week.

BW in Dwingeloo  
Small number of participants  
Cluster resources

# Block Schedule: May 2010

## May 2010

3	4	5	6	7
Control & Metadata Busy Week				
CEP stopdag		Holiday	23:00 no fiber to Germa	
10	11	12	13	14
Pulsar Busy Week				
		Holiday		
17	18	19	20	21
Blue Gene/P down time				
	(10:00) eVLBI			
24	25	26	27	28
Control & Metadata BW				
Holiday				
31	1 Jun	2	3	4

BW in Dwingeloo

BG/P driver update

