

## Radio Observatory Report

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# Observations & Commissioning Work

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## Correlator & Offline cluster:

- CEP Stopday (12 & 13 Apr): Firmware updated in storage and compute nodes.

## Stations:

- Various problems under investigation: CS004, CS401 (packet rate loss), continuous investigation of effect of electric fence in RS205

## Observations:

### **Transient Busy Week**

- **New functionality:** "Zenith mode" of the Radio Sky monitoring tested successfully (April 1/2, 6/7 & 8/9).
  - Scheduled and executed 16 contiguous 1-hour long observations of fields passing the zenith.
  - "@\_\_fender\_\_": 3C 295 (120 Jy) detected in LOFAR zenith monitoring program - no 100+ Jy transient is going to slip past us undetected"
- Jupiter (Apr 2) and Saturn (Apr 8) observations.
- Images from parallel interferometric and beam-formed observations made

**This Week:** 3rd Control & Metadata Busy week

Continue with the development of streamlined beginning-to-end observing procedures

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

BW in Dwingeloo

BG/P driver update

