

Radio Observatory Report

Antonis Polatidis

Observations & Commissioning

(all datasets starting with L2010_)

Past week: Magnetism KSP "Busy Days"

- Interferometer+beamformed observations of polarized pulsars
- First test observation of Fan-region (_07067, 1.5hrs, 14 stations HBA)
- HBA observations of a field centered on 3C66A (containing 3C66A & B, PSR B0218+42, NGC8)
- HBA observations of the double-double 1843+62 (_07110, 6hrs (15(+10) stations, _07094 3hrs, 16(+11) stations, _07077 2hrs, 12(+7) stations)

TBB test to start adding metadata (mainly antenna positions) in there automatically by a python script when dumping the TBBs (S. Ter Veen).

This week: Imaging Busy week

- HBA observations of the multiple point source field:
 - (earlier LBA obs were _05703)
 - Centered to the brightest source (_07088, 3hrs, 12(+7) stations)
 - Centered to the 4th brightest source (_07092, 3hrs, 12(+7) stations)
- TBB tests: dumping TBB data in parallel with beamformed observations

Observing System

Renaming of HBA definition

Changed the definition of core station HBA fields throughout the observing system (reflected in SAS/MAC, MoM etc):

- HBA_ZERO : "left ear" of HBA
- HBA_ONE : "right ear" of HBA
- HBA_DUAL : two separate HBA fields, each with its own beamformer
- HBA_JOINED: both HBA ears beamformed as one antenna field

Use of the Offline Cluster:

- Commissioners: please clear up you work area in the compute nodes when finished:
 - Particularly if you have copied a sideband of raw data
 - any previous iterations of (N)DPPP
 - clear out any data used for "educational purposes"
 - notify support scientists if datasets are ready to be archived.
- Datasets in the Storage nodes:
 - Please notify support scientists/observers when you are satisfied with NDPPP-ed data to *remove* raw data from storage nodes.

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

