

Please mute your microphones/webcams

Programme:

1. Array Status – H. Munk
2. Observatory Update – M.C. Toribio
3. Update on monitoring the HBA tiles/elements status – W. Frieswijk
4. Results from the long-baseline snapshot calibrator identification survey – J. Moldon
5. Report from Imaging Busy Week 19 – A. Bonafede

Array Status

Current Status:

- 38 operational NL stations
 - 24 CSs
 - 14 RSs
 - 8 ISs
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- TBB upgrade finished: one TBB board (RS310)
 - DE603: Timing system problems, trouble shooting ongoing
 - DE605 out until Thu Oct 17 for air conditioning unit replacement
- www.astron.nl/radio-observatory/astronomers/current-status

Network, CEP Status



▪Network

- Outside CIT: no problems
- Inside CIT: see next slide

▪BG/P

- nominal

▪Cobalt

- nominal

▪CEP-I/II(/III)

- No news

▪Next stopday

- November 5

- Problems with dropped network packages
- Probable cause: network switches receiving data from LOFAR stations and distributing to Cobalt and BG/P: insufficient throughput
 - Dell switches (being) replaced by IBM switches
 - Tests ongoing

- Low efficiency period:
 - ✓ Network reconfiguration problems (H. Munk's report)
 - ✓ Ingest to the LTA stopped; restarted last Friday
 - ✓ Not operational
- Issues:
 - ✓ Oscillating tiles
 - update on the monitoring of the HBA tiles (W.Frieswijk's talk)

News regarding observations and commissioning



- ✓ Network, monitoring, system validation, station tests ongoing
- ✓ LC0 expected to restart today Wednesday Oct 16th.
- ✓ LC0 schedule (contact Science Support):

Week number	week day	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
DE605 cannot be used on Oct 15,16,17; DE603 in swlevel 2 on Thu afternoon (2-6 pm)																									
42, 14th October	Mon	DDT_002 - Cas/Cyg - 10hrs	Stress system runs and TBB runs				LC0_002 - Jupiter - 2hrs, 06:30-08:30		SYSTEM RECOVERY										TBB						
	Tue	TBB					SYSTEM RECOVERY										LC0_019 (EoR) 12h NCP								
	Wed	LC0_019 (EoR) 12h NCP - DDT0010 (EoR) cancelled						SYSTEM RECOVERY										LC0_019 (EoR) 12h NCP - tentative							
	Thu	LC0_019 (EoR) 12h NCP - tentative			SYSTEM RECOVERY										LC0_043 - M33 -10 hrs HBA										
	Fri	LC0_043 - M33 -10hrs					LC0_003 - PanSTARRS		MSSS - 8hrs							LC0_019 (EoR) 12h NCP rerun (7/10); DDT010 canceled									
	Sat	LC0_019 (EoR) 12h NCP rerun (7/10); DDT010 canceled				Stress system runs and TBB runs				Pulsars										LC0_028 - Cygnus A - 4hrs		Stress system runs and TBB runs	LC0_007 - Ups And - 2hrs		
	Sun	LC0_007 - Ups And - 2hrs	Stress system runs and TBB runs				LC0_003 - PanSTARRS rerun 13/10		Stress system runs and TBB runs				Pulsars							LC0_019 (EoR) 12h NCP rerun (7/10); DDT010 canceled					

Observations and commissioning:

- ✓ Continuation of MSSS survey
- ✓ Commissioning observations
<http://www.astron.nl/radio-observatory/astronomers/commissioning/commissioning-plan>
- ✓ VHECR-mode (TBB) observations.

Station calibration:

- New tables installed for international stations after recent repairs.

- Current status:

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

- Updated software (M. Eikelboom, S. Wijnholds, C. Toribio)
 - ✓ Improved robustness of the fits
 - ✓ Automatic processing and output of recorded data

CEP1 heavy users:

Ultimatum sent to users and data deleted

**Please remove your old data ASAP
(CEP1 is not meant to store data)**

http://www.lofar.org/wiki/doku.php?id=engineering:stopday_procedure

CALENDAR of requested busy weeks and other LOFAR activities

Upcoming activities:

5 Nov	Stop day (Tuesday)
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14 Nov	End of Cycle 0
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15 Nov	Start of Cycle 1
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