

Programme:

1. Array status & Observatory update – *R. Fallows*
2. LTA status update – *J. Schaap*
3. Testing external transient buffer board triggers from the 100m Effelsberg telescope – *S. ter Veen*
4. Facet calibration busy week update – *T. Shimwell*
5. AOB

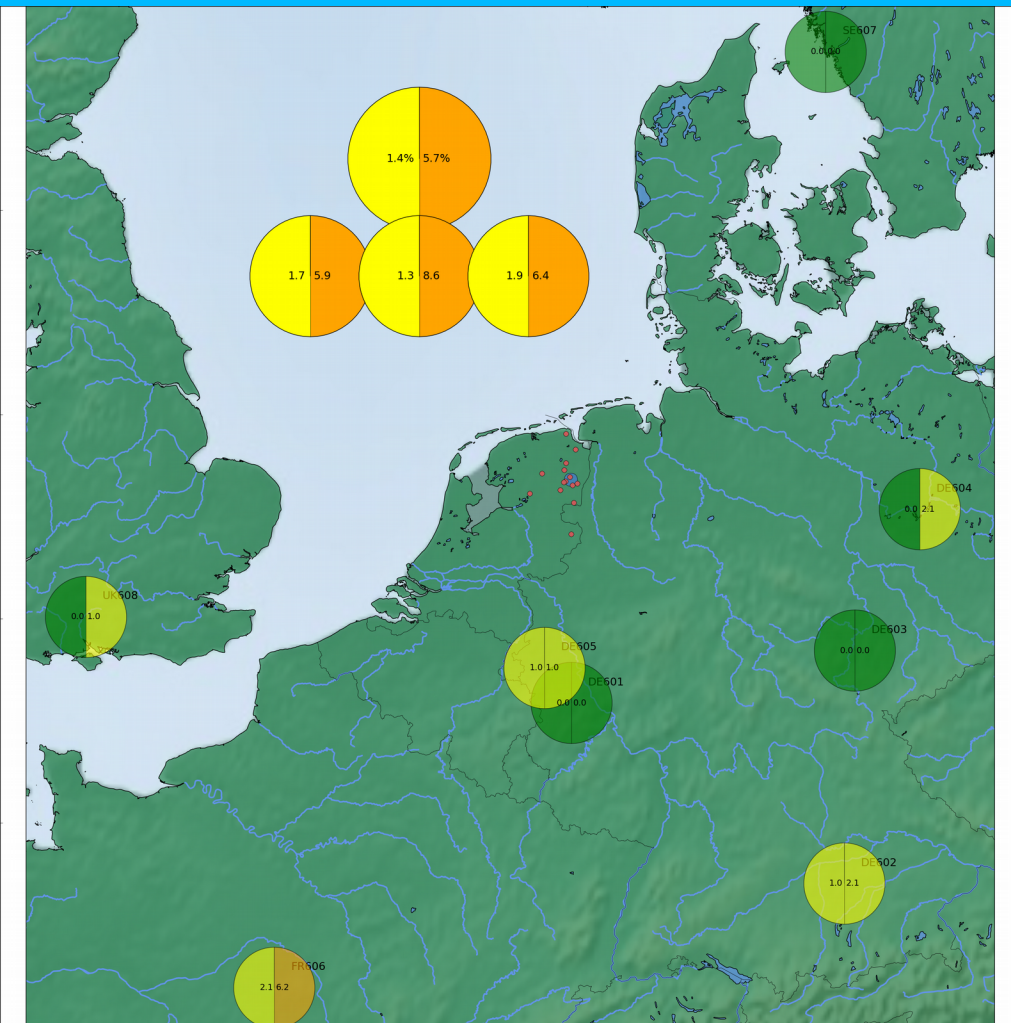
International LOFAR Telescope (ILT)

- 47 operational stations: 24 CS, 14 RS, 9 IS.
- Data connection issues with Poland still under investigation.
 - New station to be built in Ireland.

CS003, RS503: broken LBA power supplies fixed
RS310: Issue with 48V solved via restart.
Various stations: Oscillating tiles detected and deactivated.

Station Status

see https://proxy.lofar.eu/array_status/



- All operational
- >95% operational
- >85% operational: CS001, CS002, CS004, CS005, CS006, CS017, CS032, CS101, CS501, RS205, RS306 (LBA), RS307, RS310
- <85% operational: CS030, CS301, CS302, CS401, RS306, RS503

Station numbers are HBA unless indicated otherwise.



Observing System News



- Minor processing and data ingest delays.
- Error resulting in incorrect feedback for some pulsar pipelines resolved, but processing of recent pulsar timing run needs to be repeated.
- Station calibration:
 - Polish stations completed, except mode 3 on PL610
 - Data reduction for mode 3 on NL stations and mode 1 on core stations on-going.

Overview available at:

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



- Software roll-out January 25th 2016: LOFAR release 2.15:
 - Changes / fixings for AWImager, NDPPP, PyBDSM.
- Release notes available at:
http://www.lofar.org/operations/doku.php?id=engineering:release_notes_lofar_2.15
- Stop Day February 2nd 2016:
 - MonetDB database GSM has been moved from ldb002 to ldb003.
 - CEP3 users will now use LOFAR-Release-2_15_0 or Pulp-2_15_0.



CEP News

Boletus edulis
(English: cep, porcino or porcini)

CEP4:

- Initial installation testing underway; software installation should start in the next week.

CEP2:

- Often rather full. Locus096 used for spare parts.

CEP3:

- Disk space of CEP3 commissioning node lof021 77% full!
- CEP3 info and users schedule available at:

<http://www.lofar.org/operations/doku.php?id=cep3:start>

New policy regulating access to CEP3 and data handling available at:

<http://www.astron.nl/radio-observatory/observing-capabilities/depth-technical-information/cycle-1-observing-and-processin>

- Many requests of extensions to access CEP3: monitoring of node usage during allocated time is ongoing. The evaluation of future requests will be based on such statistics.

Cycle 5 Observations

Week 7		UT	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Approximate LST			10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	
February	15	Mon	LC5_003	TBB + tests						System tests; All international stations switched to ILT mode at 9 UT									TBB + tests			LT5_009 - 3C196 - 6hrs HBA					
	16	Tue	LT5_009 - 3C196 - 6hrs HBA	LC5_003 - Jupiter - LBA - 1hr - DO NOT MOVE		TBB + tests				System tests				LT5_004 - LOTAAS - 4hrs HBA			System tests	TBB + tests			LC5_008 - Field C0 - 8hrs HBA						
	17	Wed	LC5_008 - Field C0 - 8hrs HBA			LT5_007 - G15CD(1) - 4hrs HBA				System tests									TBB + tests			LT5_009 - 3C196 - 6hrs HBA					
	18	Thu	LT5_009 - 3C196 - 6hrs HBA	LT5_007 - G15AB(2) - 4hrs HBA				TBB + tests		LT5_004 - LOTAAS - 4hrs HBA				Polish stations network tests KS, JDM					TBB + tests			LC5_014* - 4C29.30 - 8hrs HBA					
	19	Fri	LC5_014* - 4C29.30 - 8hrs HBA				STATIONTEST				System tests; all international stations switched to local mode at 9 UT									TBB + tests			LT5_009 - 3C196 - 6hrs HBA				
	20	Sat	LT5_009 - 3C196 - 6hrs HBA	TBB + tests														LT5_004 - LOTAAS - 4hrs HBA			TBB + tests	LC5_017 - P141+57 o02 - 8hrs LBA - CEP3					
	21	Sun	LC5_017 - P141+57 - 8hrs LBA - CEP3				TBB + tests						LT5_003 - J2057+21 - 0.25hrs HBA		TBB + tests									LT5_009 - 3C196 - 6hrs HBA			

Cycle 5 observing programme ongoing: ~45% completed.

Detailed Cycle 5 schedule available here: <http://www.tiny.cc/LC5>

Changes can be applied on daily base: in case of questions/issues contact Science Support

Always cc sciencesupport@astron.nl and include the proposal code in the subject line

Cycle 6

Deadline 9 March 12 UT

Call for proposals sent out

Update of documentation is ongoing

- Next LSM : 2 March 2016 (volunteers)
- FACTOR Busy Week : 22-25 February 2016
- 1st LBA Busy Week : 29 February – 4 March 2016
- 3rd LOFAR Users Meeting : 4 April 2016
- LOFAR Science Meeting : 5-6 April 2016
- ILT Technical Operations Meeting : 7 April 2016
- Surveys KSP Meeting : 7-8 April 2016

**** Registration deadline for LOFAR meetings: 14 March 2016****

Full calendar available at:

<https://calendar.google.com/calendar/embed?src=2jkmjaro6ek0kh7tmf9brpf8pk%40group.calendar.google.com&ctz=Europe/Amsterdam>