

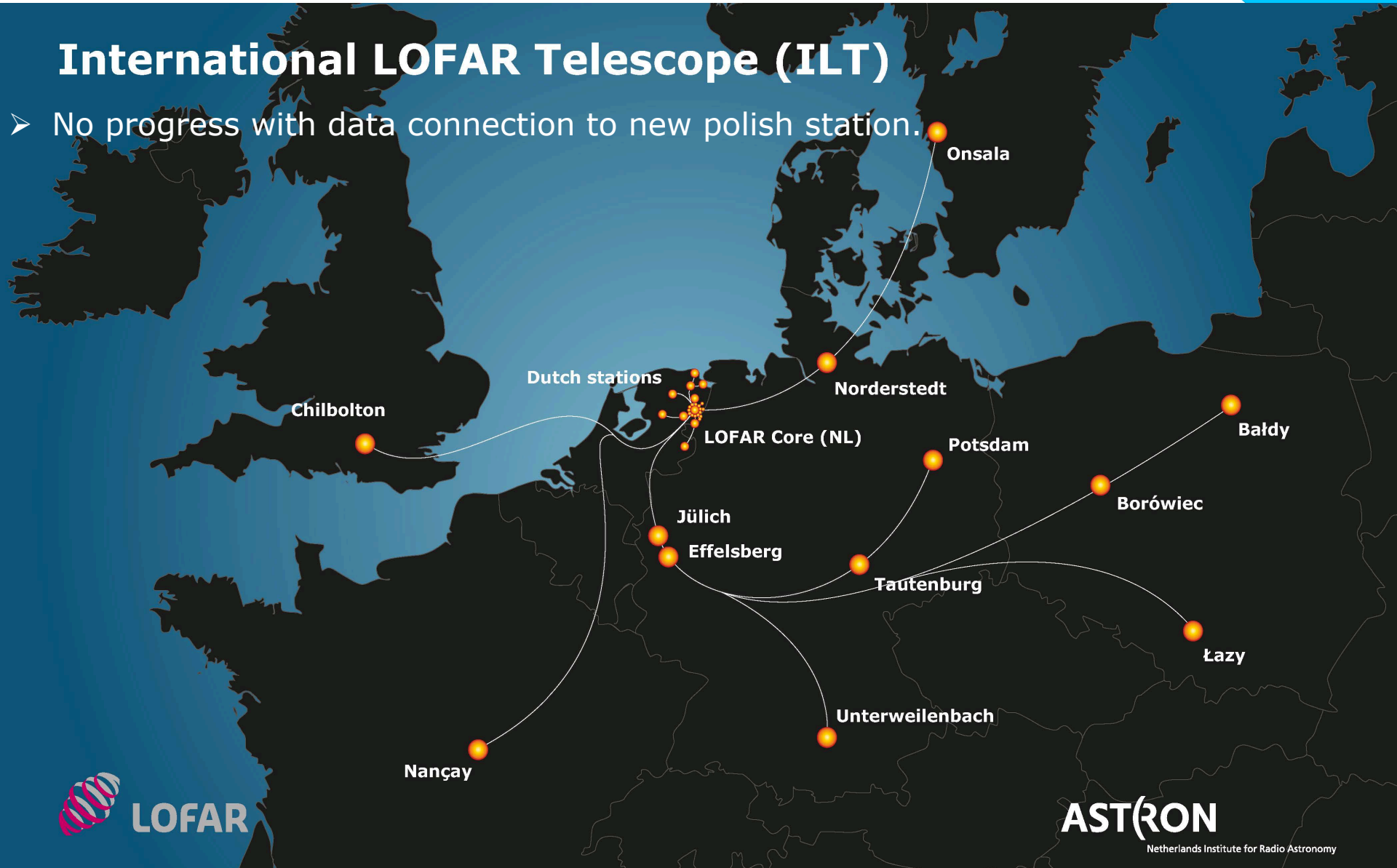
Programme:

- 1. Array status & Observatory update – M. Iacobelli*
- 2. CEP4 status update – H. Holties*
- 3. LTA update – J. Schaap*
- 4. MKSP busy week update – H. Junklewitz*
- 5. AOB*

Array Status

International LOFAR Telescope (ILT)

- No progress with data connection to new polish station.



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- RS407: performance in mode 5 limited by a DAB transmitter.
- DE603: network issue solved.

Chilbolton

Dutch stations

LOFAR Core (NL)

Jülich

Effelsberg

Nançay

Unterweilenbach

Tautenburg

Potsdam

Borówiec

Łazy

Norderstedt

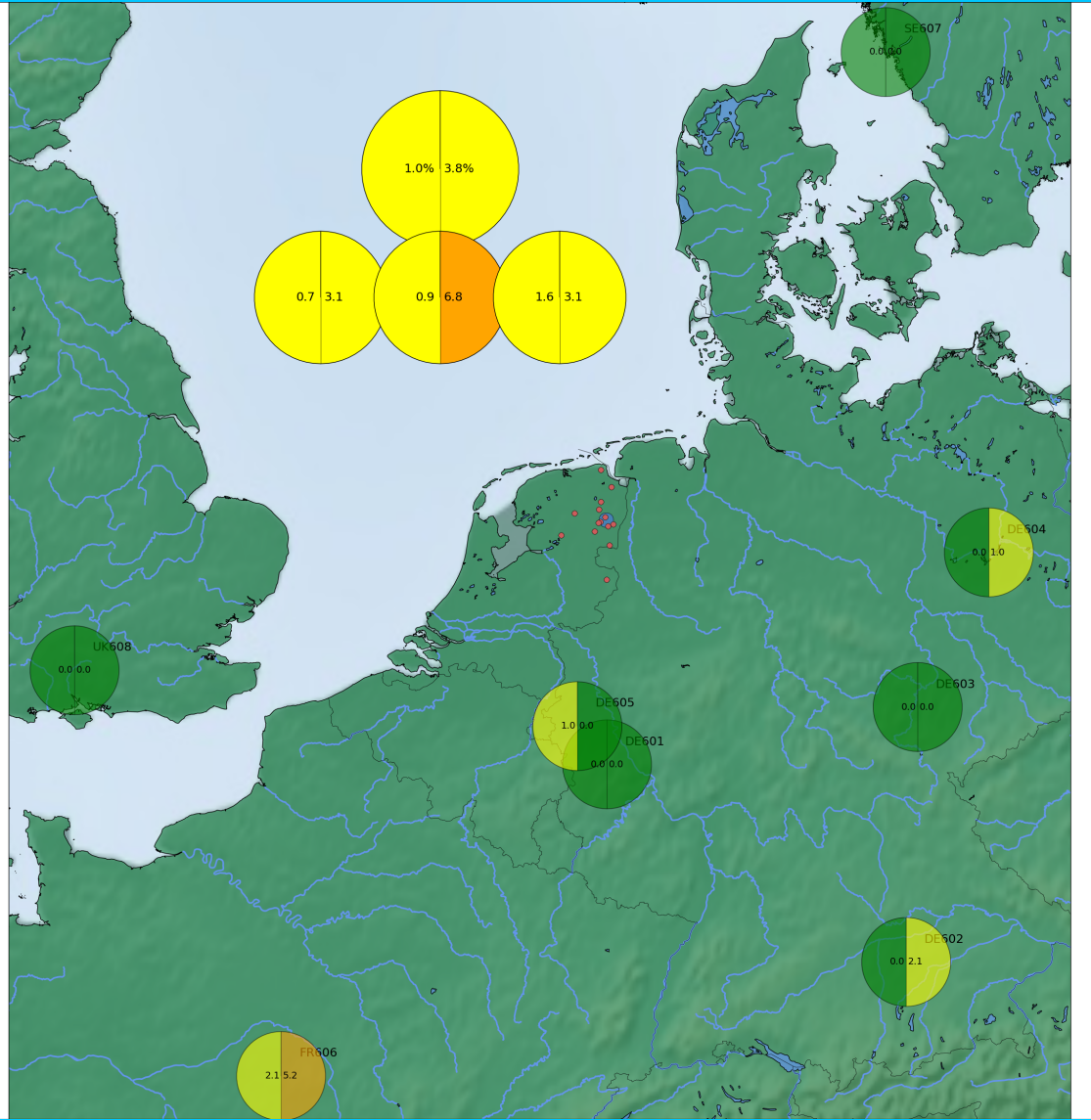
Onsala

Baldy

Overview, including IS

LBA: 1.0%; HBA: 3.8%

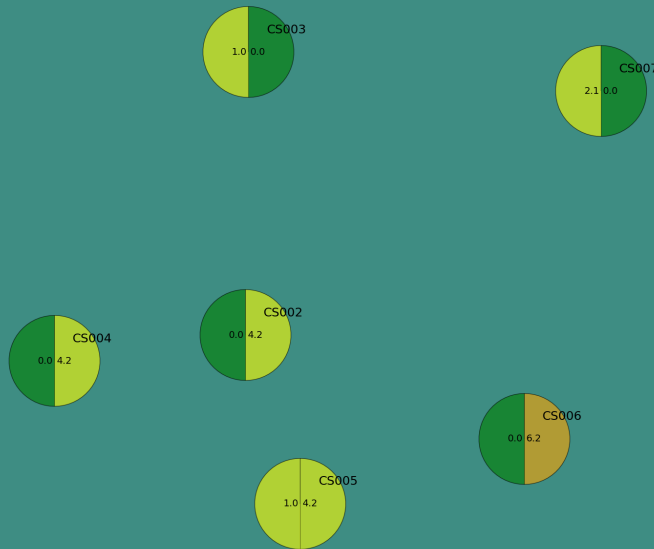
see https://proxy.lofar.eu/array_status/



- Color coding of non-operational components per stations:
- all operational
 - <5% non-operational
 - <15% non-operational
 - >15% non-operational

Superterp

LBA: 0.7%; HBA: 3.1%

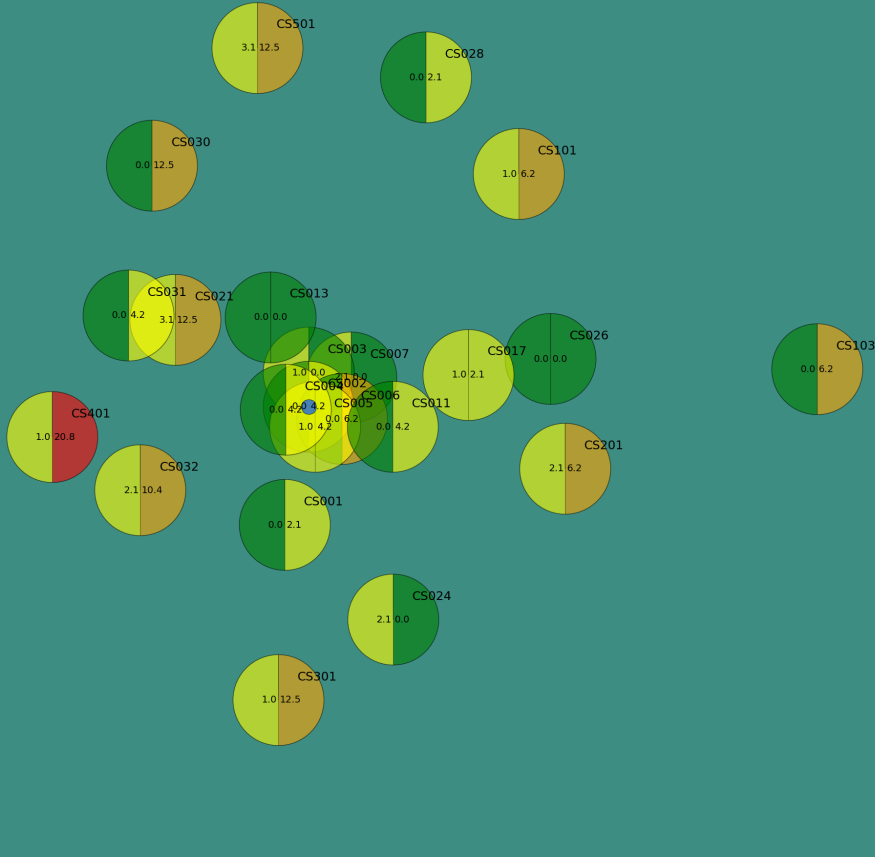


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Core Stations

LBA: 0.9%; HBA: 6.8%

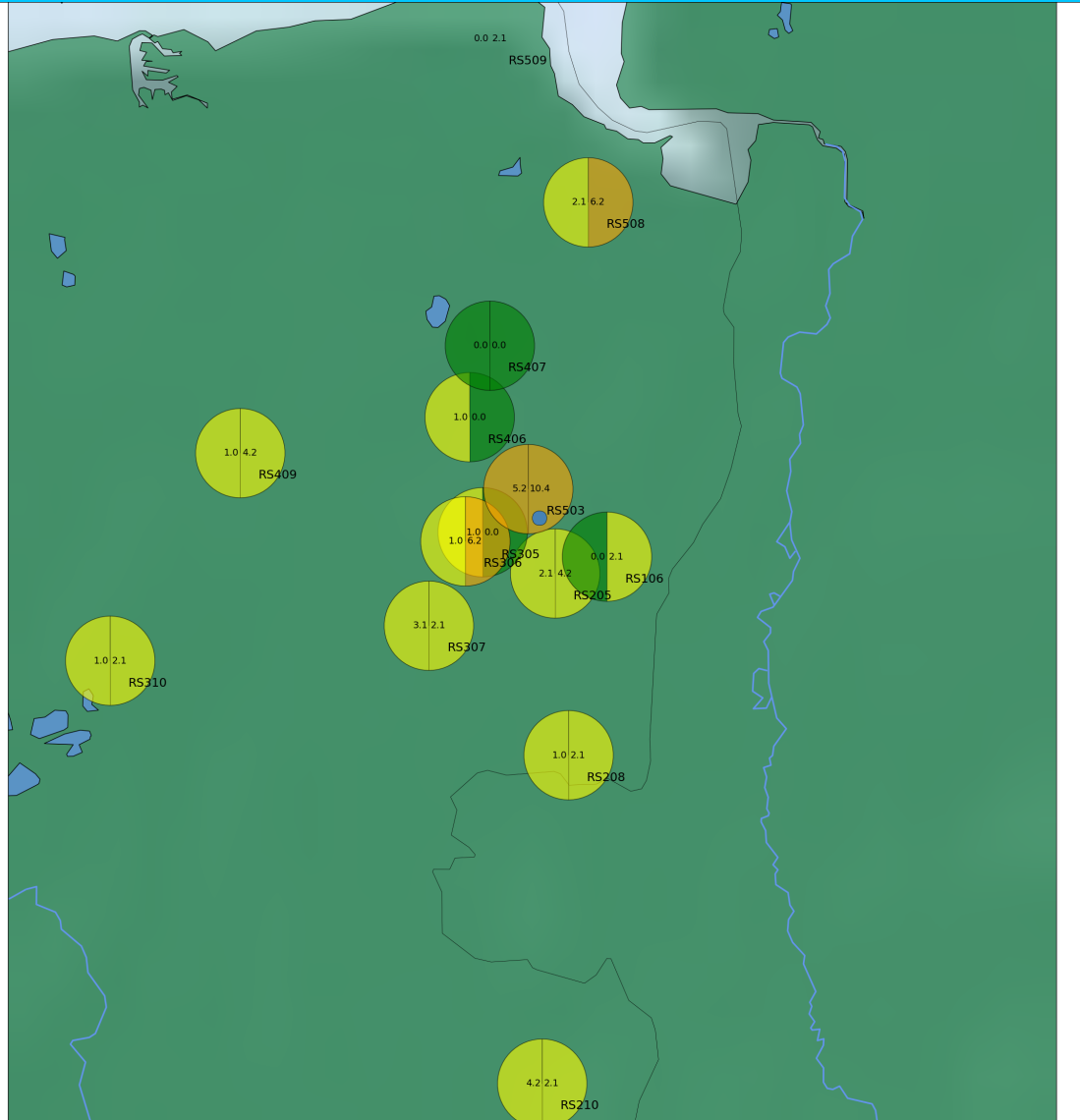


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Remote Stations

LBA: 1.6%; HBA: 3.1%



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- all operational
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- >15% non-operational

News regarding the observing system



- Minor delay with processing. Debugging of the imaging pipeline has started.
- Minor issues with the ingest (mostly to SARA).

Software roll-out December 7th 2015: LOFAR release 2.14

- Changes / fixings for AWImager, BBS, NDPPP, PyBDSM.

Release notes available at: http://www.lofar.org/operations/doku.php?id=engineering:release_notes_lofar_2.14

Stop day December 1st 2015:

- The BBS database server name ldb001 is replaced with the alias ldb during the last stop day. Users should modify their setups/scripts accordingly.
- Station calibration status:
 - Overview available at: <http://www.astron.nl/radio-observatory/astronomers/current-status>
 - Calibration tables mode6: update starting next week

News regarding Cycle 5 observations

Week 50	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		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4
December	7 Mon	LT5_009 - 3C196 - 6hrs HBA						TBB + test runs	SOFTWARE ROLLOUT; all international stations to ILT mode at 9 UT									SYSTEM TESTS							
	8 Tue	SYSTEM TESTS & STATIONTEST																LT5_004 - LOTAAS - 2hrs HBA		LT5_007 - P065+44 - 8hrs HBA					
	9 Wed	LT5_007 - P065+44 - 8hrs HBA				LT5_003 - repet	LT5_007 - P202+60 - 8hrs HBA						System tests		LT5_009 - NCP - HBA										
	10 Thu	LT5_009 - NCP - HBA							LC3_007 - LOBOS Commissioning - 6hrs LST 12-18						System tests. Switch DE601 to LOCAL at 15:00 UT		LT5_004 - LOTAAS - 2hrs HBA		TBB + test runs	LC5_002 - 2 hr HBA		TBB + test runs			
	11 Fri	LT5_009 - 3C196 - 6hrs HBA						TBB + test runs	System tests; all international stations to local mode at 9 UT						DDT001 - HBA			System tests							
	12 Sat	TBB + test runs		LT5_004 - LOTAAS - 4hrs HBA				TBB + test runs						LT5_009 - NCP - HBA											
	13 Sun	LT5_009 - NCP - HBA							TBB + test runs						DDT001 - HBA			TBB + test runs		LT5_004 - LOTAAS - 1hr HBA	TBB + test runs				

Detailed Cycle 5 schedule available here:

<https://docs.google.com/spreadsheets/d/14JsjFkFxSrK1vzYzaFhZH3jTeFbFht5GyuF3NyI3Qdw/pubhtml>

- 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*

➤ CEP2

- Disk space situation often concerning !
- Disks of locus nodes from 95 to 99 to be cleaned up! If needed taken out of use for spare parts.

➤ CEP3

- Disk space of CEP3 commissioning node lof021 50% 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.

Calendar LOFAR activities:

- Next LSM : 6 January 2016 (volunteers welcome)
- CITT busy days : 9-11 December
- 3rd LOFAR users meeting : 4 April 2016
- LOFAR science workshop : 5-6 April 2016

- All accepted LOFAR DDT projects list:
<http://www.astron.nl/radio-observatory/cycles/accepted-ddt-projects/accepted-ddt-projects>
- LSM presentations list & users suggestions:
http://www.lofar.org/operations/doku.php?id=public:lsm_new:start

- LOFAR news email list:
<http://www.astron.nl/radio-observatory/subscribe-lofar-news/subscribe-lofar-news>