

Programme:

- 1. Array status & Observatory update – C. Toribio*
- 2. LTA status update – H. Holties*
- 3. The Lockman Hole with LOFAR – E. Mahony*
- 4. Deep HBA Imaging: The Bootes field – W. Williams*

Array Status

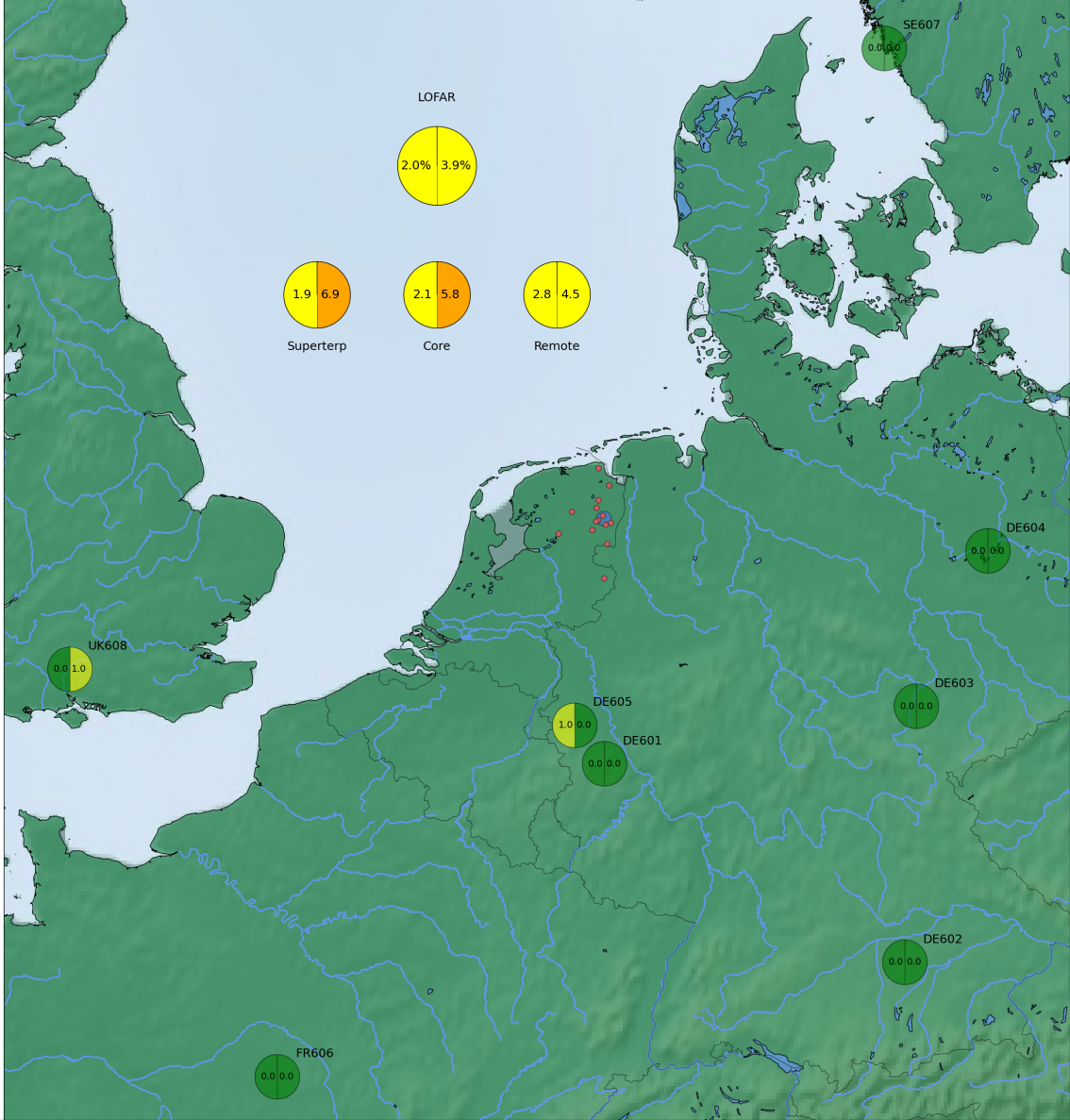


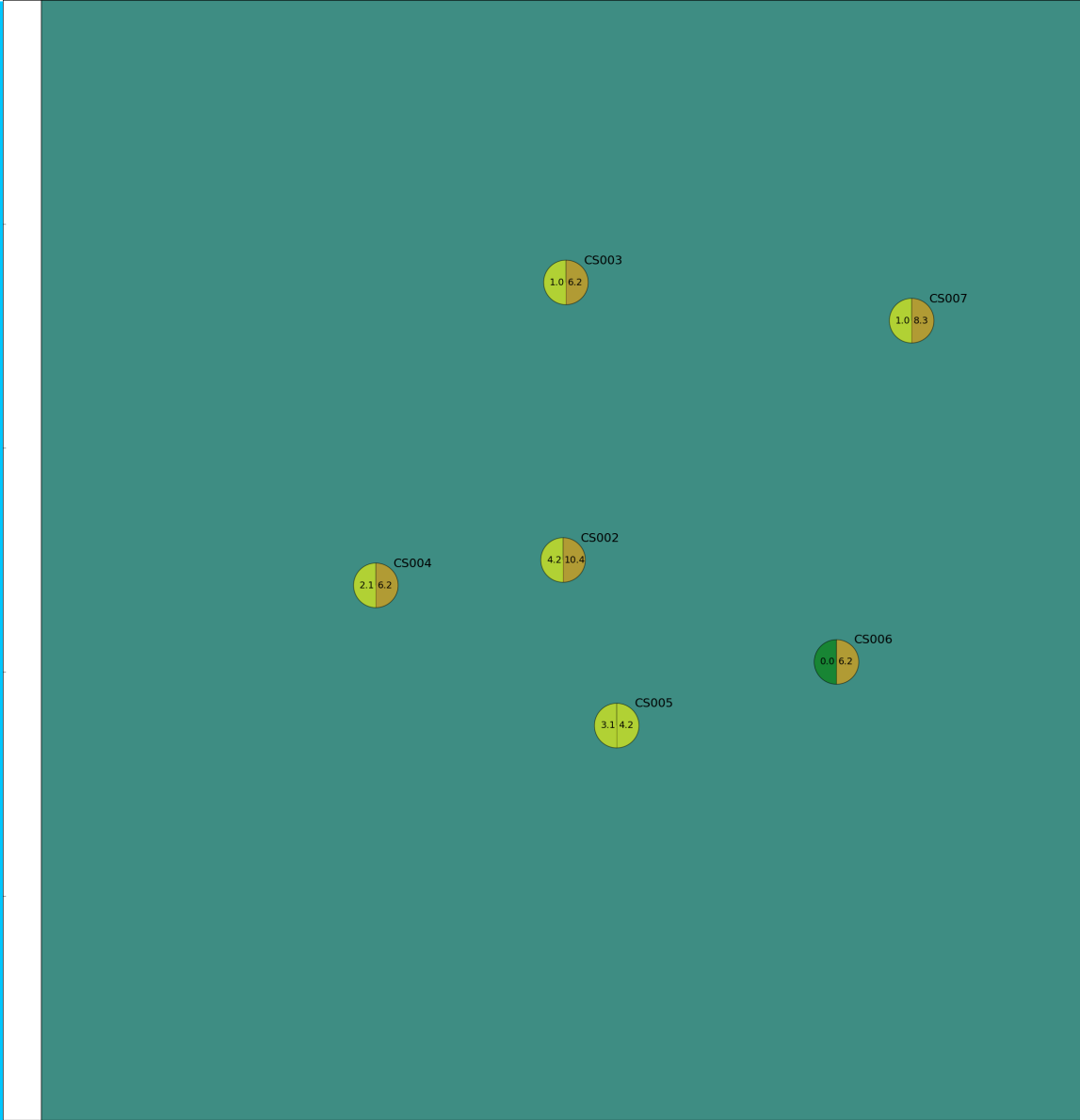
- 38 operational NL stations
 - 24 CSs
 - 14 RSs
- 9 Is
- 4 new stations to come: Poland(3)
- DE609 operational. Connection problems solved. Ongoing on site investigations of sources of RFI (specially affecting the LBA range).

Overview, including IS

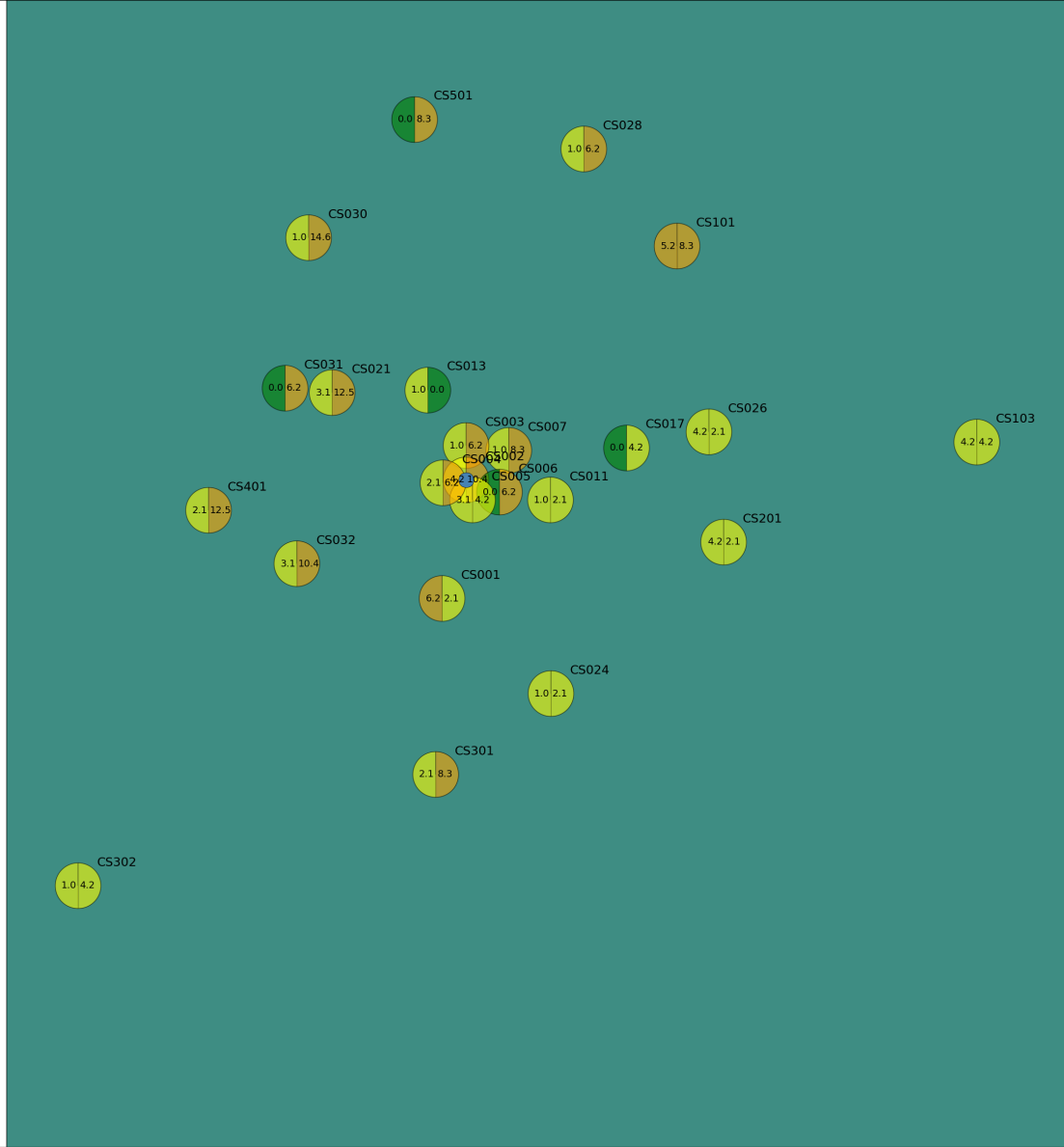
green: all operational --- yellow: <5% non-operational --- orange: <15% non-operational --- red: >15% non-operational

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

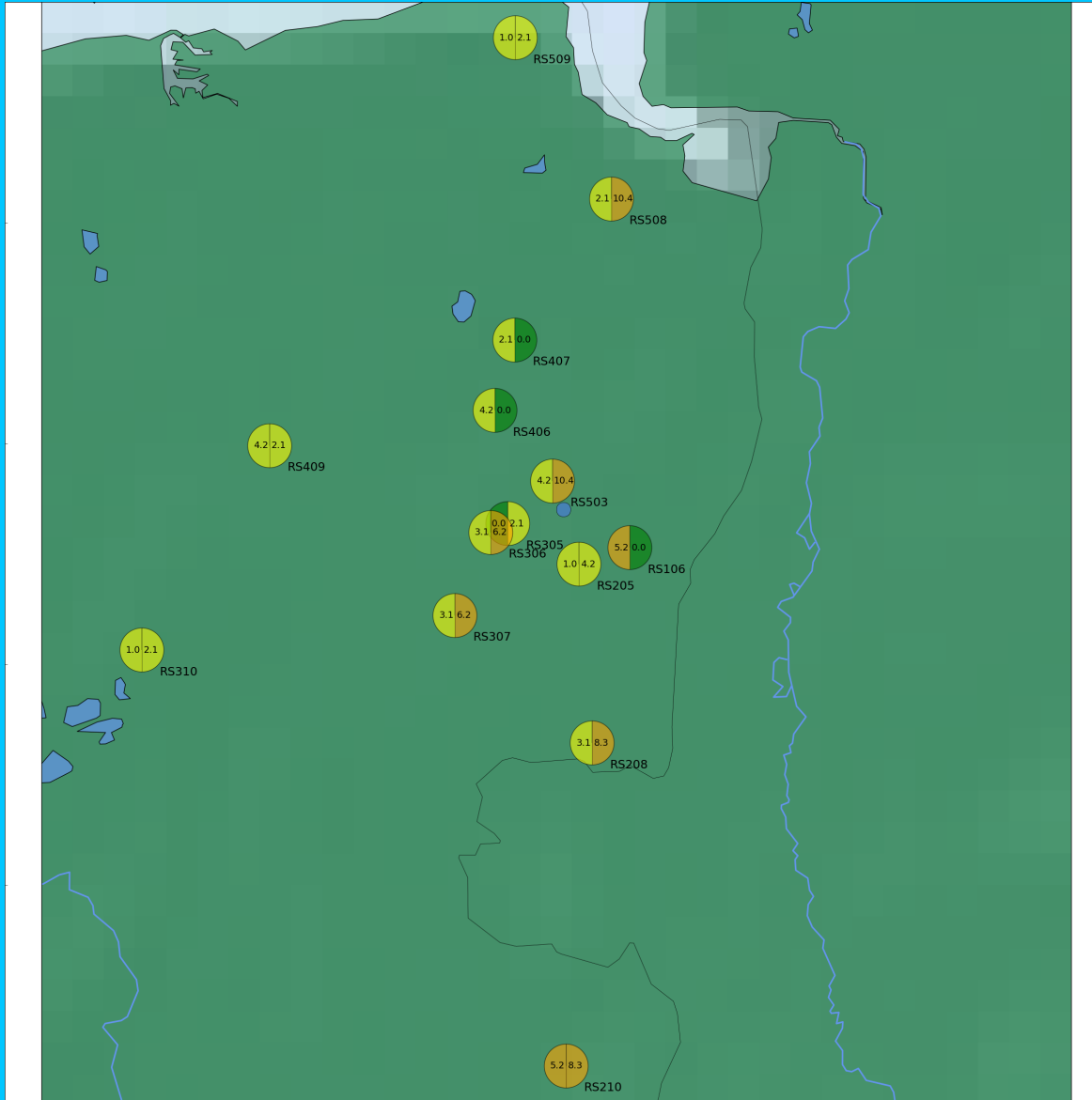




Core Stations



Remote Stations



- No major issues with Cycle observations/pipelines.
- LTA performance:
 - Ingest to SARA interrupted since Friday 13th:
 - Data ingested to Juelich until the issue is solved.
 - LOTAAS observations postponed.
 - Ongoing test to ingest to and retrieve data from Target.
 - see summary by H. Holties.
- COBALT node 5: down and recovered on Feb 17th.
- New tation calibration tables for mode 5 (HBA low) and mode 7 (HBA high):

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

News regarding Cycle observations

Week 8		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	16	Mon	LC3_008 - P55 - 9hrs					IoS/TBB runs	System tests	LC3_014 - LOTAAS: all international stations switched to ILT mode at 9 UT				LC3_006 J2145.07 59	System tests	LC3_028 - EoR NCP										
	17	Tue	LC3_028 - EoR NCP						System tests				LC3_006 J2145.07 59	System tests			IoS/TBB runs			LC3_009 - Beta Gem - 8hrs						
	18	Wed	LC3_009 - Beta Gem - 8hrs			IoS/TBB runs	LC3_014 - LOTAAS - CANCELLED		System tests				LC3_006 J2145.07 59	System tests			STATIONTEST			LC3_028 - EoR 3C196						
	19	Thu	LC3_028 - EoR 3C196	IoS/TBB runs				LC2_039 - J1810+1744 - 4.2hrs				System tests			IoS/TBB runs			LC3_008 - P57 - 9hrs								
	20	Fri	LC3_008 - P57 - 9hrs					IoS/TBB runs	System tests	LC3_014 - LOTAAS: all international stations switched to local mode at 9 UT		System tests				IoS/TBB runs			LC3_028 - EoR 3C196							
	21	Sat	LC3_028 - EoR 3C196	IoS/TBB runs				Commissioning2015									IoS/TBB runs			LC3_028 - EoR 3C196						
	22	Sun	LC3_028 - EoR 3C196	IoS/TBB runs								LC3_014 - LOTAAS			IoS/TBB runs				LC3_008 - P59 - 9hrs							
Week 9		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			11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10
February	23	Mon	LC3_008 - P59 - 9hrs					IoS/TBB runs	LC3_006 RA 19					LC3_006 RA 22				LC3_006 RA 2,7	LC3_028 - EoR 3C196							
	24	Tue	LC3_028 - EoR 3C196												LC3_006 J2145.07 59	DDT3_001									LC3_008 - P61 - 9hrs	
	25	Wed	LC3_008 - P61 - 9hrs					LC3_014 - LOTAAS				station calibration														
	26	Thu	station calibration											station calibration										LC3_028 - EoR 3C196		
	27	Fri	LC3_028 - EoR 3C196	station calibration											station calibration										LC3_028 - EoR 3C196	
	28	Sat	LC3_028 - EoR 3C196					LC3_014 - LOTAAS				LC3_023 - M33 - 4hrs				LC3_008 - P63 - 9hrs										
	1	Sun	LC3_008 - P63 - 9hrs															LC3_022 - NCP - 6hrs								

- 42% of Cycle 3 completed so far.
- Detailed Cycle 3 schedule online:
<https://docs.google.com/spreadsheets/d/1jDWvZmpH0ycusJTwBsMU6SxQYK5efawtk0jHSxMbo9M/pubhtml>
- Contact Science Support in case of questions/issues
- **Always cc 'sciencesupport@astron.nl' and include the proposal code in the subject line**

- Cycle 4 Call for proposals was issued on 30 Jan. The LOFAR web pages have been updated to cover new capabilities. When submitting a proposal, please check the quality of your final pdf document: proposals that are not easily readable (i.e., messed-up figures, margins, etc.) may be **rejected**.
- Visit the LOFAR website for instructions.
- Submission deadline:
Wednesday March 11th 2015, 12:00 UTC

- Next stop day : March 3rd 2015
- Next Software roll out : March 17th 2015
- Next LSM : March 4th 2015
- LOFAR Cycle 4 proposal deadline: : March 11th 12:00 UTC, 2015
- MKSP meeting : March 9-1 2015, Nijmegen (NL)
- **LOFAR Cycle 4 : May 15th – November 14th , 2015**
- **LOFAR Users Meeting : June 1st 2015, Assen**
- **LOFAR Science Workshop : June 2-3 2015, Assen**

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