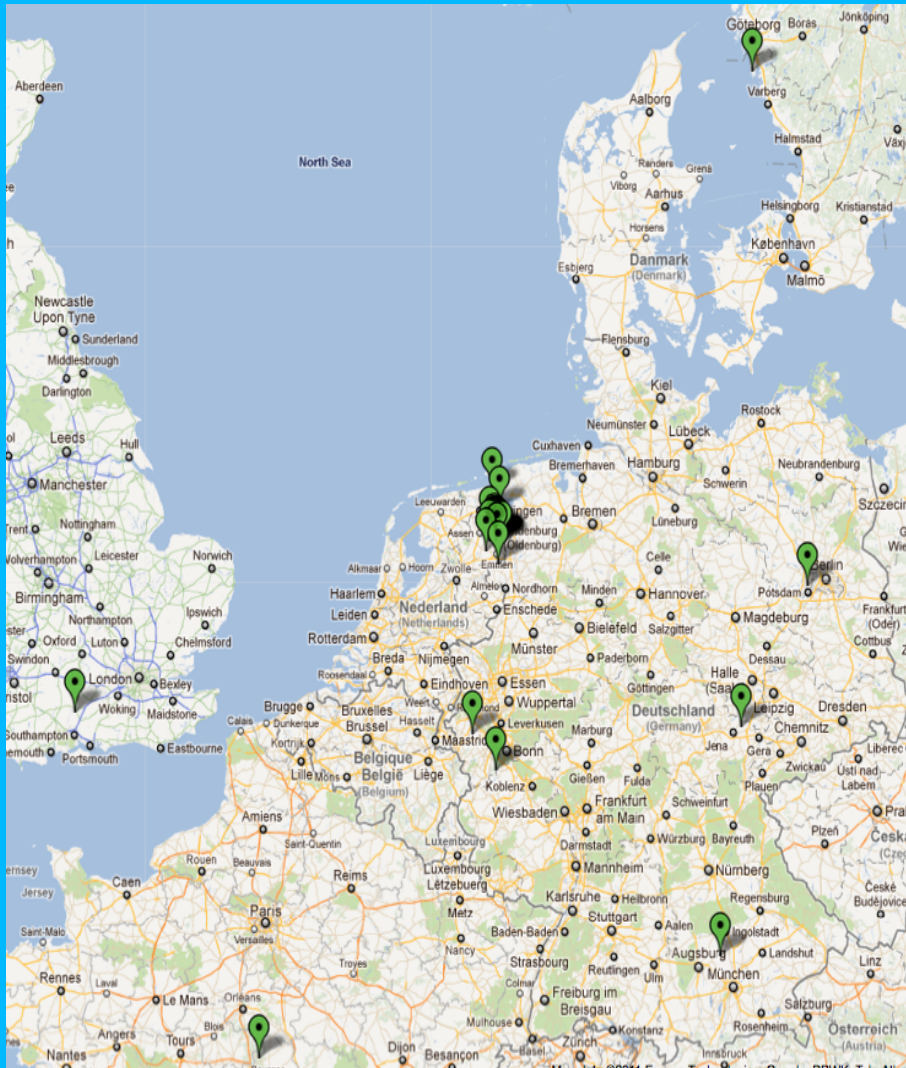


Please mute your
microphone and turn off
your webcam

Programme:

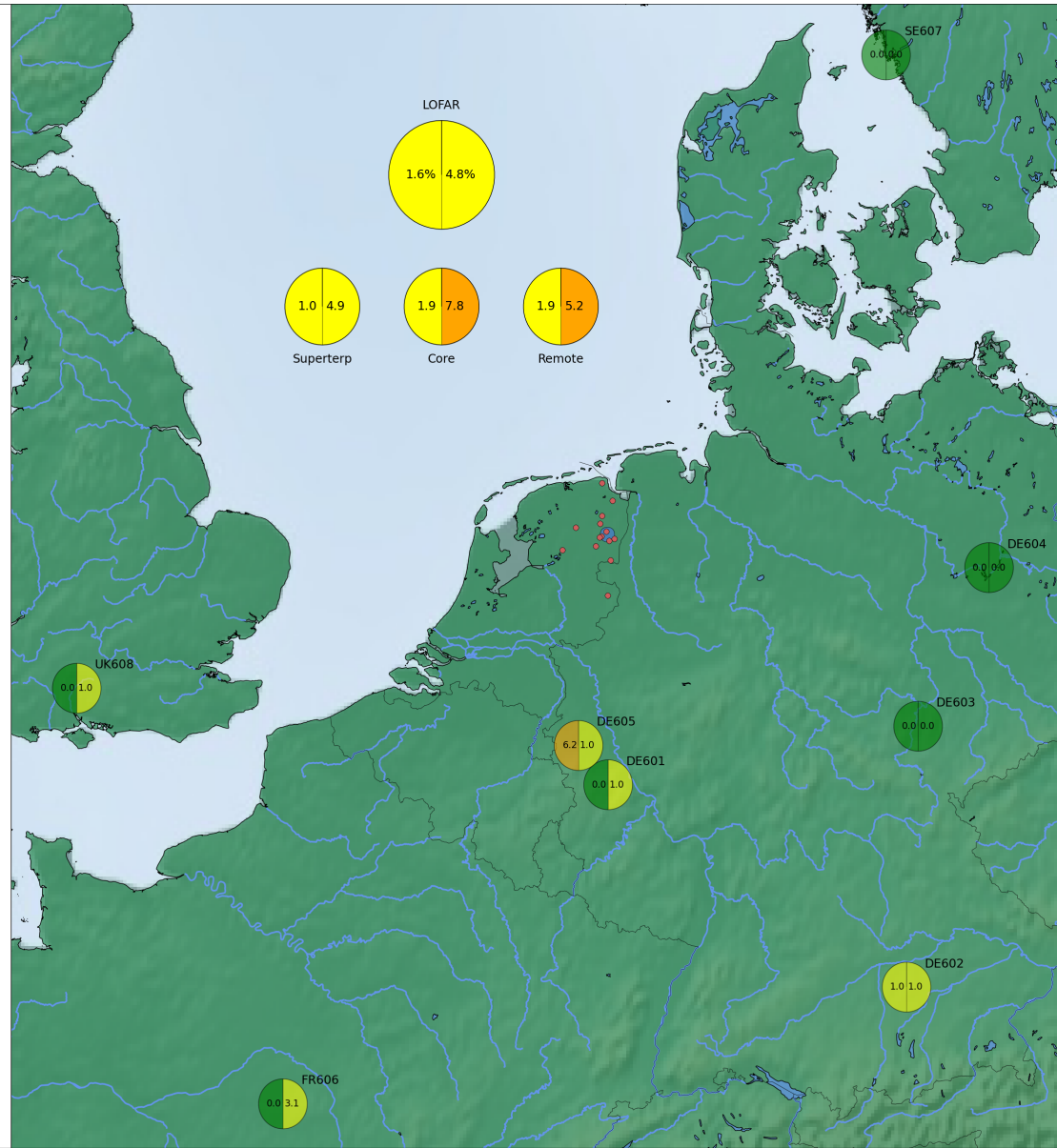
- 1. Array status and Observatory update - R. Fallows*
- 2. COBALT status update - H. Holties*
- 3. The NorthStar proposal submission tool: updates in view of the Cycle 3 proposal call - W. Frieswijk*
- 4. Preliminary images of Leo Triplet - R. Paladino.*

Array Status

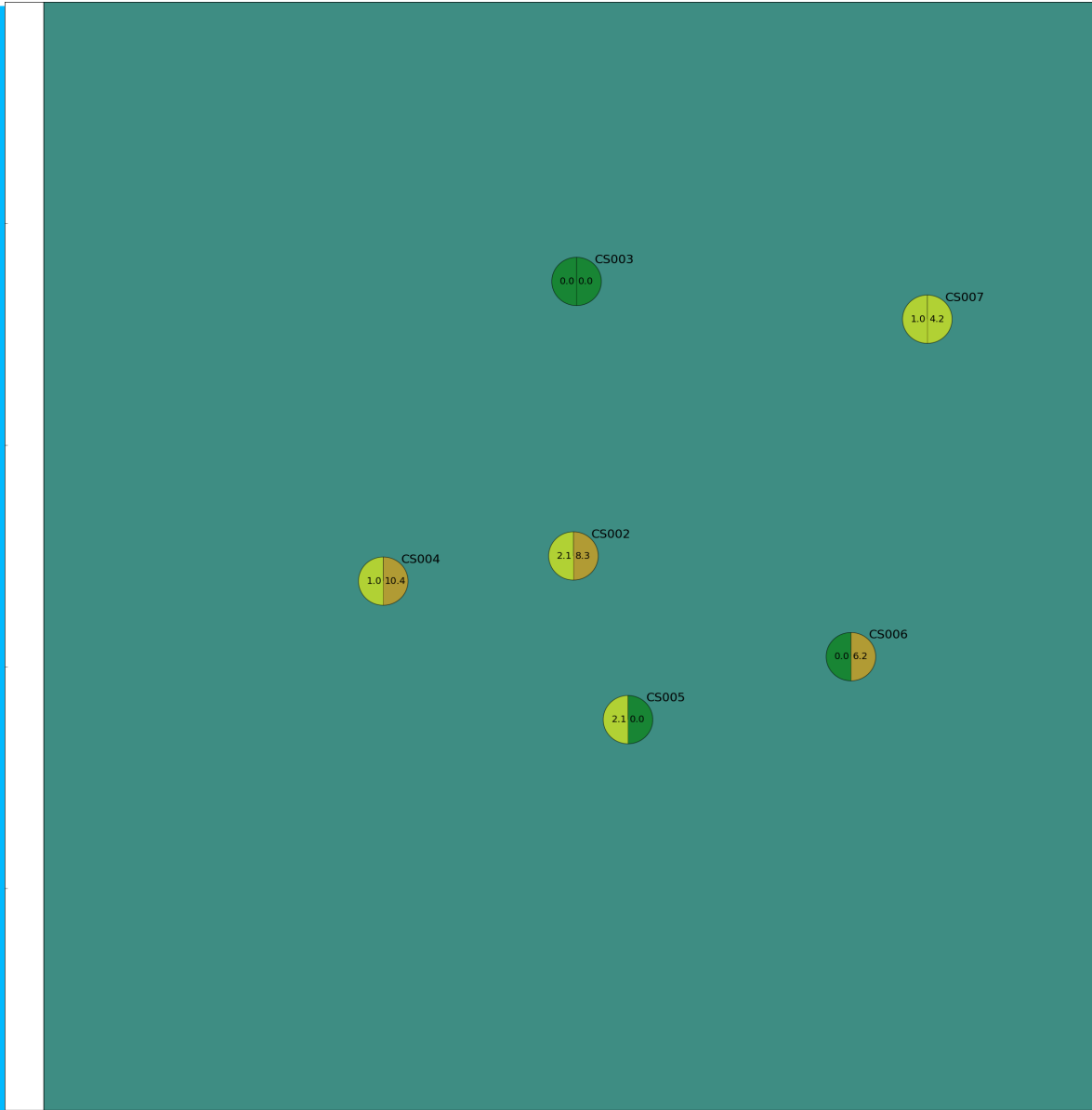


- 38 operational NL stations
 - 24 CSs, 14 RSs, 8 ISs
- Maintenance of Dutch stations on-going:
 - CS302, CS004, CS101 completed.
 - CS301 underway.
 - HBA tiles only, no LBA yet.
- Maintenance of DE stations taking place this week:
 - DE602, DE605

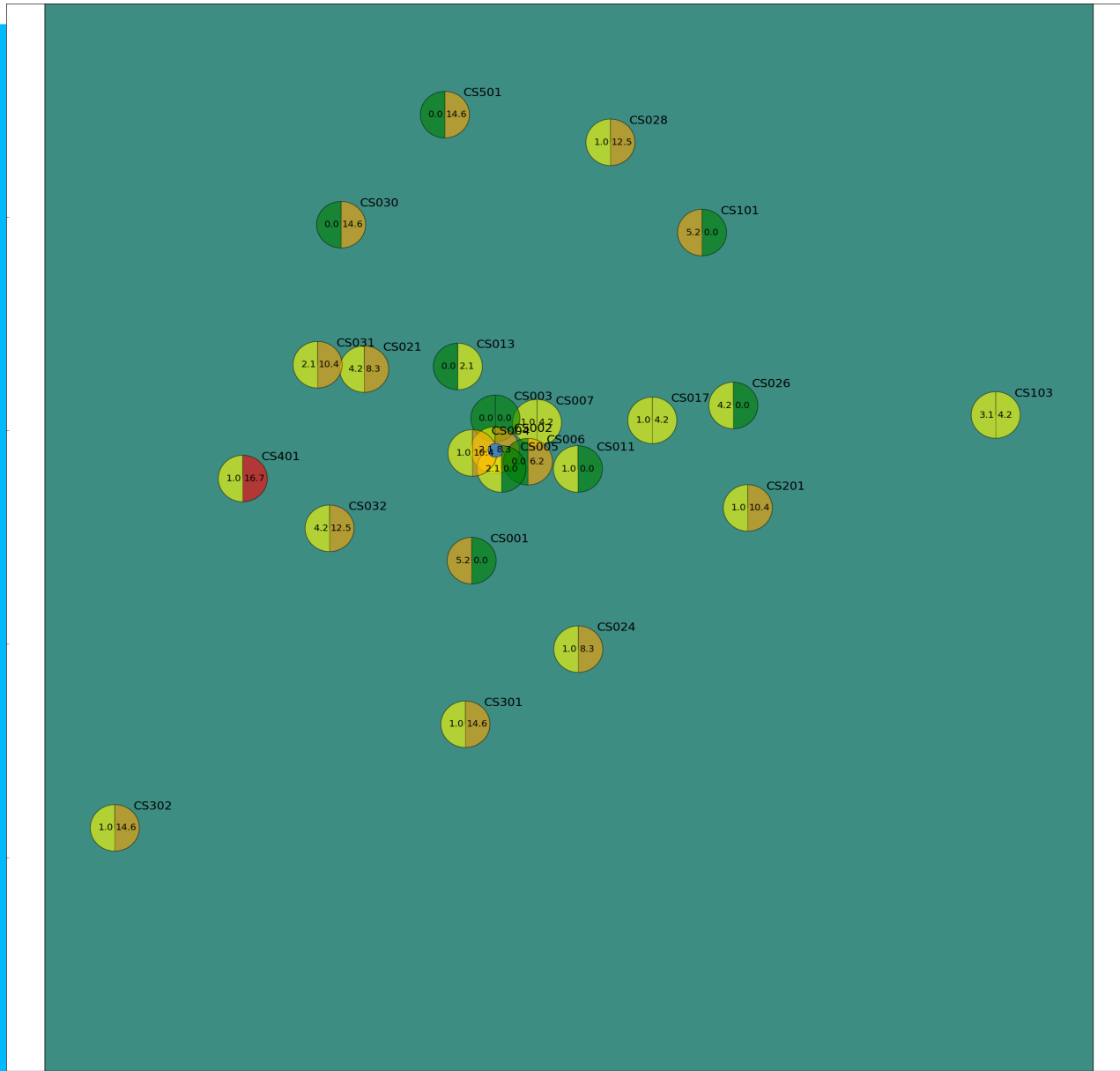
Overview, including IS (LBA: 1.6%, HBA 4.8%)



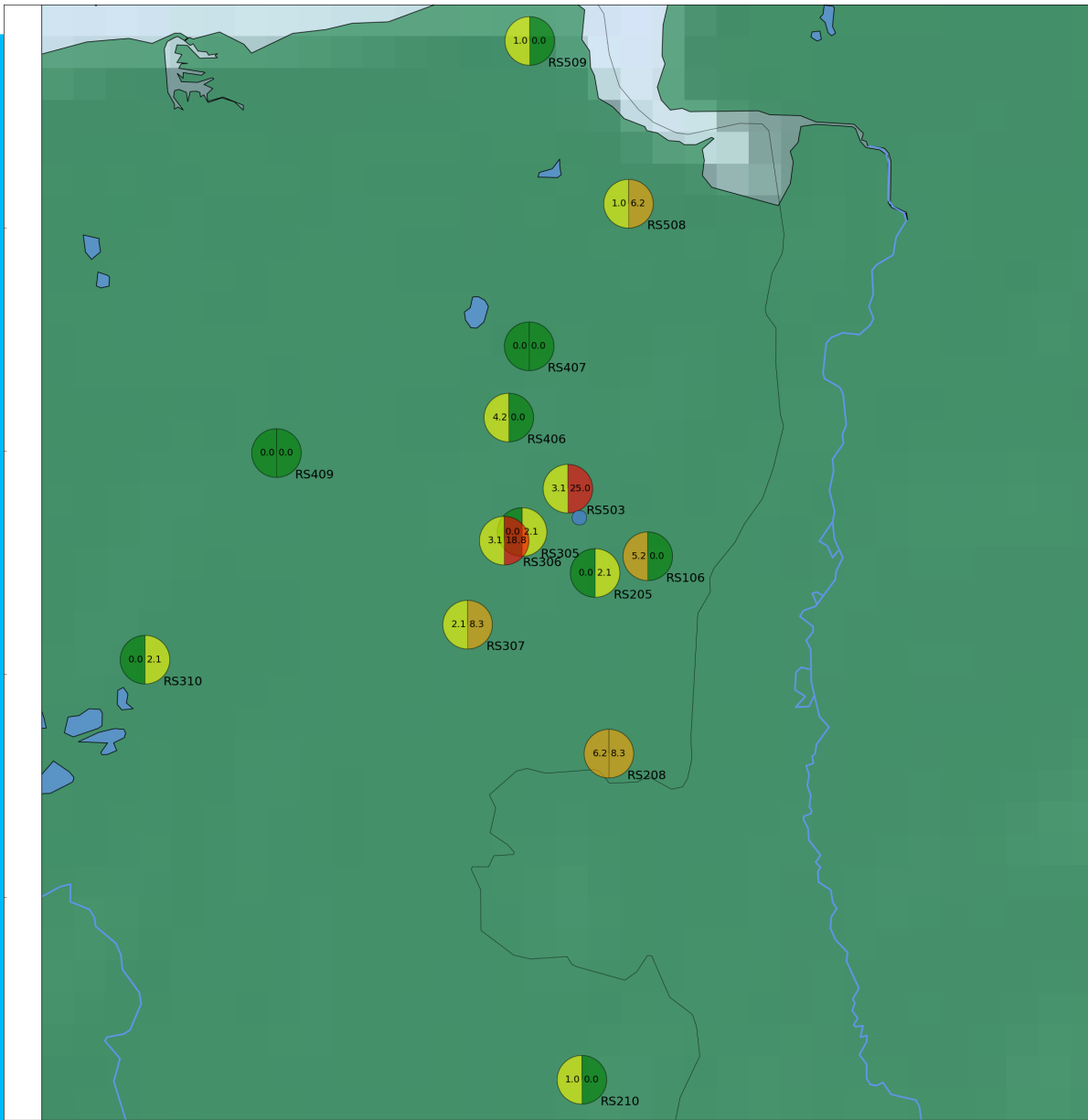
Superterp (LBA: 1.0 %, HBA: 4.9%)



Core Stations (LBA: 1.9%, HBA: 7.8%)



Remote Stations (LBA: 1.9%, HBA: 5.2%)



Status of stations and calibration available from
<http://www.astron.nl/radio-observatory/astronomers/current-status>

Over the last two weeks:

- System performance: Generally good
- Issues: Processing queue sometimes extended due to failing locus nodes or processes being swapped out to prevent memory issues.

Next software roll-out: 30th June

International station flagging:

Issue traced to network congestion when ingesting data to Jülich. Now appears solved after reconfiguring the network at Jülich and international stations can be used with minimal flagging. The situation will continue to be monitored.

Remaining occasional substantial flagging mainly due to network maintenance (usually announced).

- CEP3:
 - CEP3 scheduled to be available.

Purchase of LOFAR station Hardware



AstroTec Holding have announced an opportunity to purchase additional LOFAR hardware as part of the general order for new international stations.

Orders should be submitted by 15th July.

Cycle Observations

Week 26	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		18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
June	23	Mon	LT2_003 - LOTAAS	Stress system runs + TBB runs							all international stations (except DE604) switched to ILT mode at 9 UTC				Stress system runs + TBB runs		LC2_013 - NGC5907 - 12hrs								
	24	Tue	LC2_013 - NGC5907 - 12hrs				Stress system runs	LC2_007 - RAs 0,4	software pre-roll out test					Stress system runs + TBB runs					LT2_003 - LOTAAS						
	25	Wed	LC2_026 - RAs 18,19,21,23,00; LC2_007 - RAs 19,21						Stress system runs	LC2_027 - Sun - 8hrs					Stress system runs + TBB runs					LC2_006 - Sgr A - 4hrs					
	26	Thu	LC2_006 - Sgr A - 4hrs	Stress system runs	LT2_003 - LOTAAS	Stress system runs + TBB runs			LC2_027 - Sun - 4hrs			LC2_038 - HEXDET19 - 8hrs						LC2_006 - Sgr A - 4hrs							
	27	Fri	LC2_006 - Sgr A - 4hrs	Stress system runs	LC2_007 - LSTs 19,21	Stress system runs	LC2_007 - LSTs 0,4	Stress system runs	LT2_003 - LOTAAS; DE601, DE602, DE603, DE605, UK608, SE607 switched to local mode at 9 UTC; FR606 switched to local mode at 7 UTC								LC2_024 - Elais N1 - <8hrs								
	28	Sat	LC2_024 - Elais N1 - <8hrs			Stress system runs + TBB runs							LC2_038 - HEXDET20 - 8hrs						Stress system runs						
	29	Sun	Stress system runs	LT2_003 - LOTAAS	Stress system runs + TBB runs			LC2_027 - Sun - 8hrs					LC2_026 - RAs 09,10,11		Stress system runs + TBB runs										

Detailed schedule online: <https://www.astron.nl/radio-observatory/lofar/cycle-2-schedule/cycle-2-schedule>

- Contact Science Support in case of issues.

- **** Always email sciencesupport@astron.nl and include the proposal code in the subject line ****

CALENDAR of requested busy weeks and other LOFAR activities



- LOFAR Data School: 17-21 November
- Next Stop Day: Tuesday 8th July