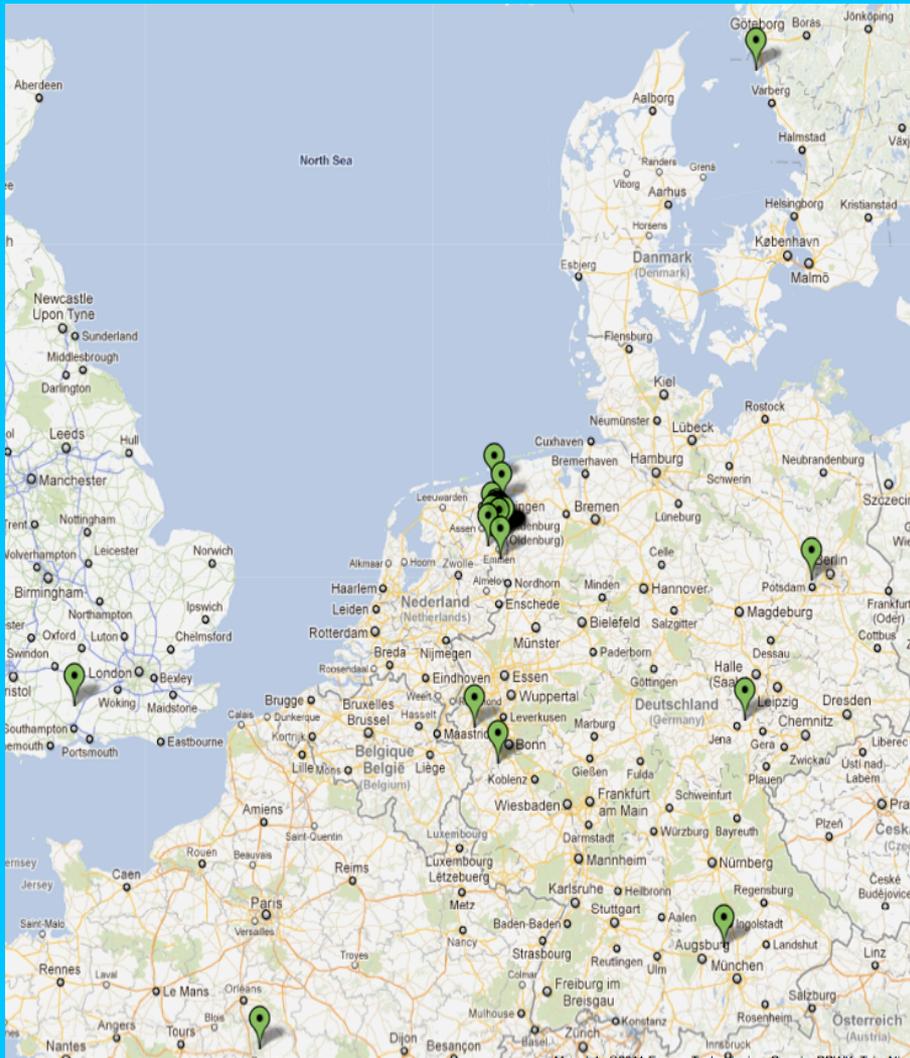


Please mute your microphones/webcams

## Programme:

1. Array status and Observatory Update – M.C. Toribio
2. COBALT status update– R. Nijboer
3. LTA update– A. Renting
4. The nature of the low frequency emission of M51: First observations of a nearby galaxy with LOFAR– D. Mulcahy
5. Identifying Real Fast Radio Transients with the TBBs – E. Enriquez

# Array Status



- 38 operational NL stations
  - 24 CSs
  - 14 RSs
- 8 Iss
- DE604: broken TDS board: will be replaced early April
- March 10: RSP boards overheating on CS002, CS006. Caused by AARTFAAC equipment blocking airflow; repositioned March 13, temp's OK
- March 18: CS017 broken power supply unit, replaced

# Network, CEP Status

## ▪Network

- No issues

## ▪BG/P

- Performance is nominal

## ▪Cobalt

- See Cobalt presentation

## ▪CEP-I

- LCE012 broken

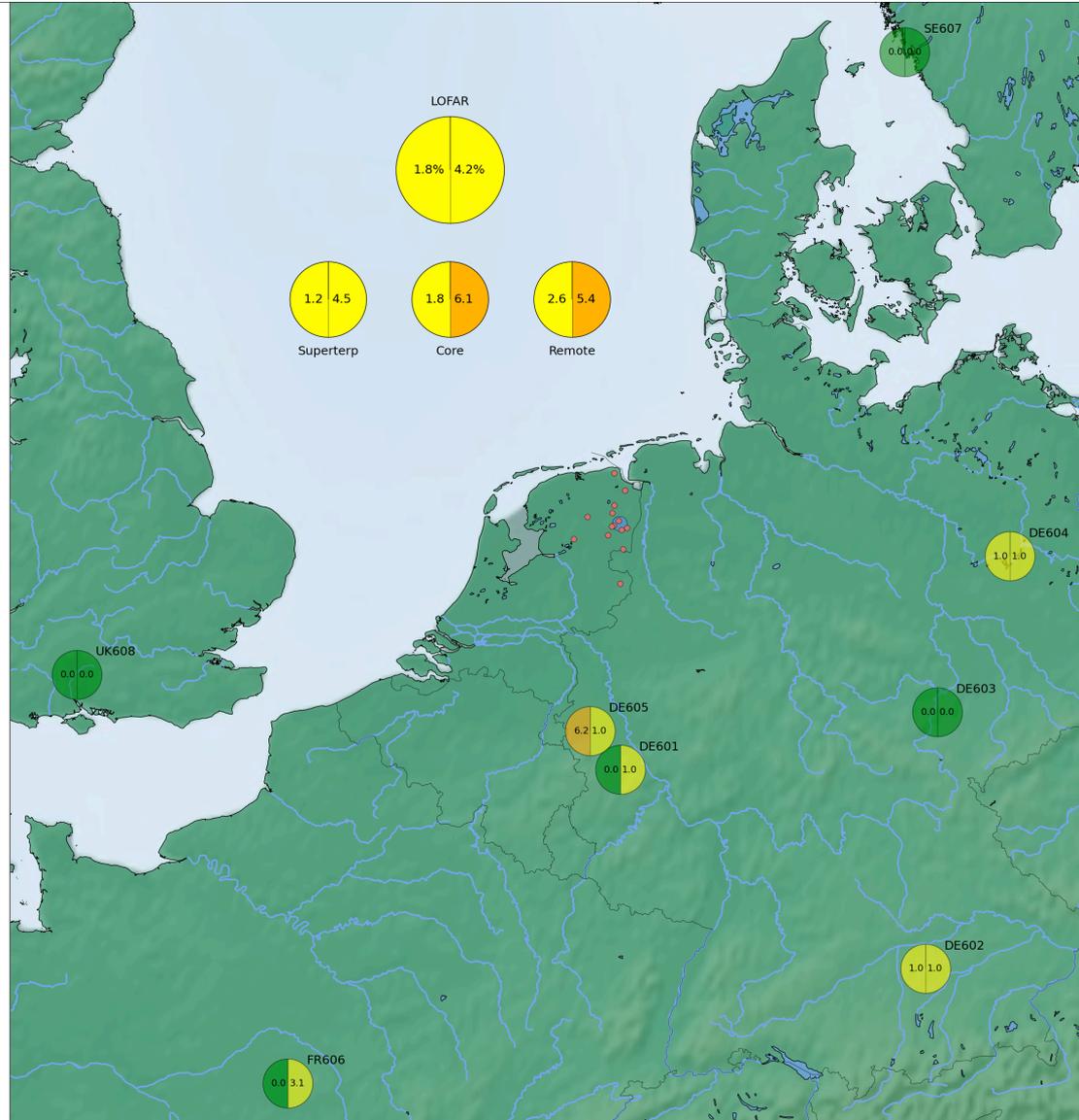
## ▪CEP-III

- Issues with network hardware: Dell to replace network hw?
- Experimental batch processing system installed
- Operational: expected first week of April 2014

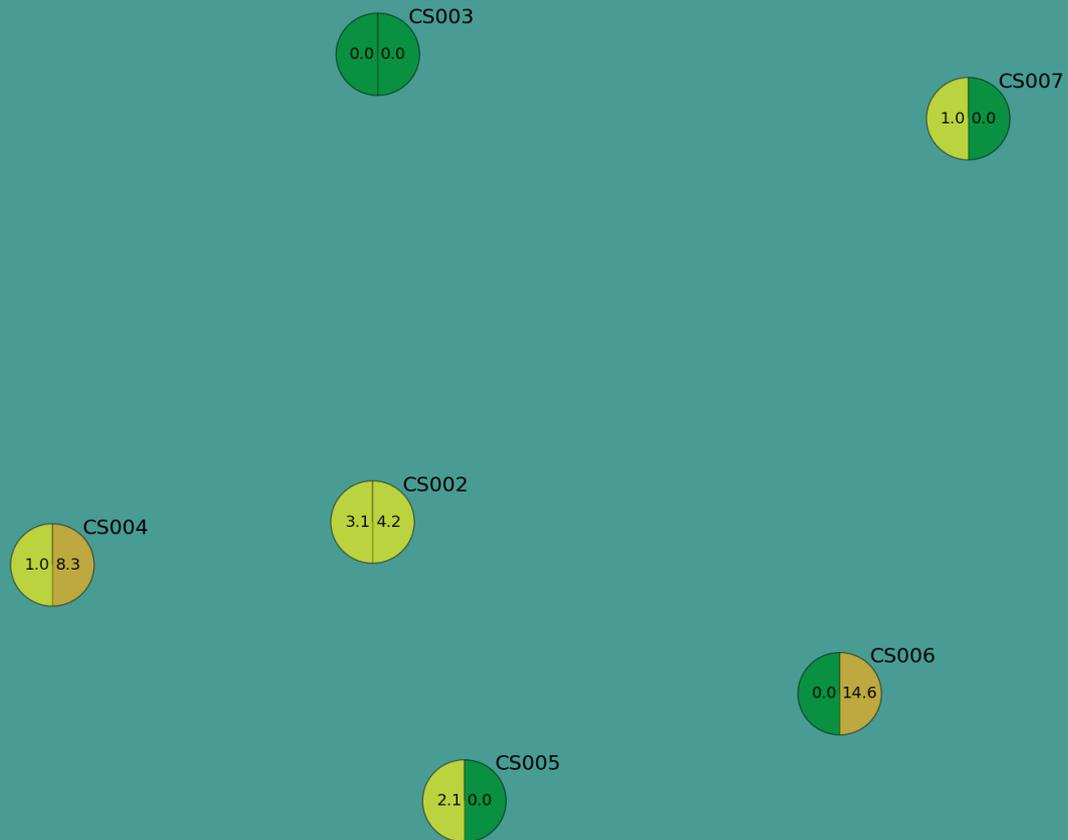
## ▪Next stop day

- April 1, 2014

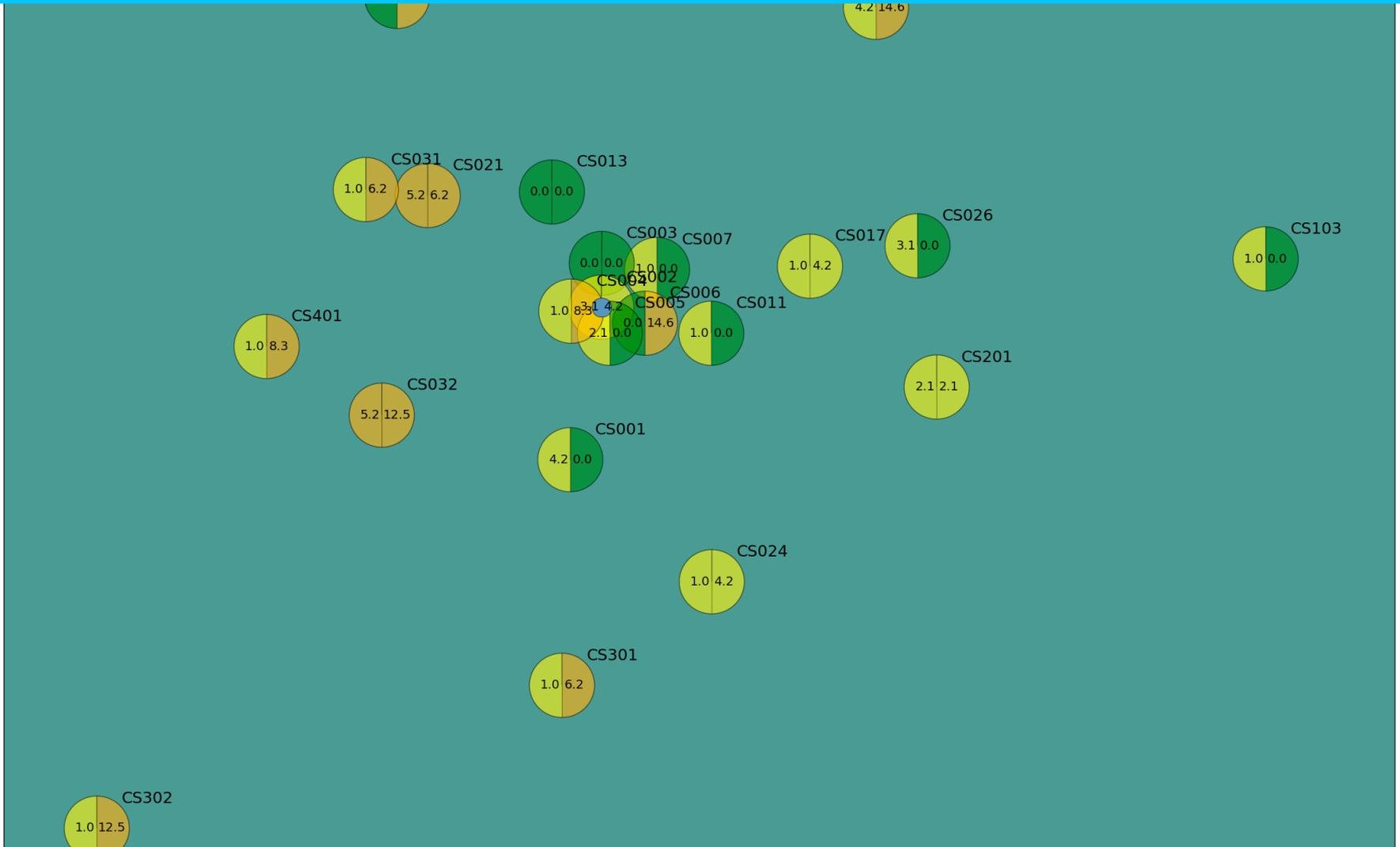
# Overview, including IS (LBA: 1.8%, HBA 4.2%)



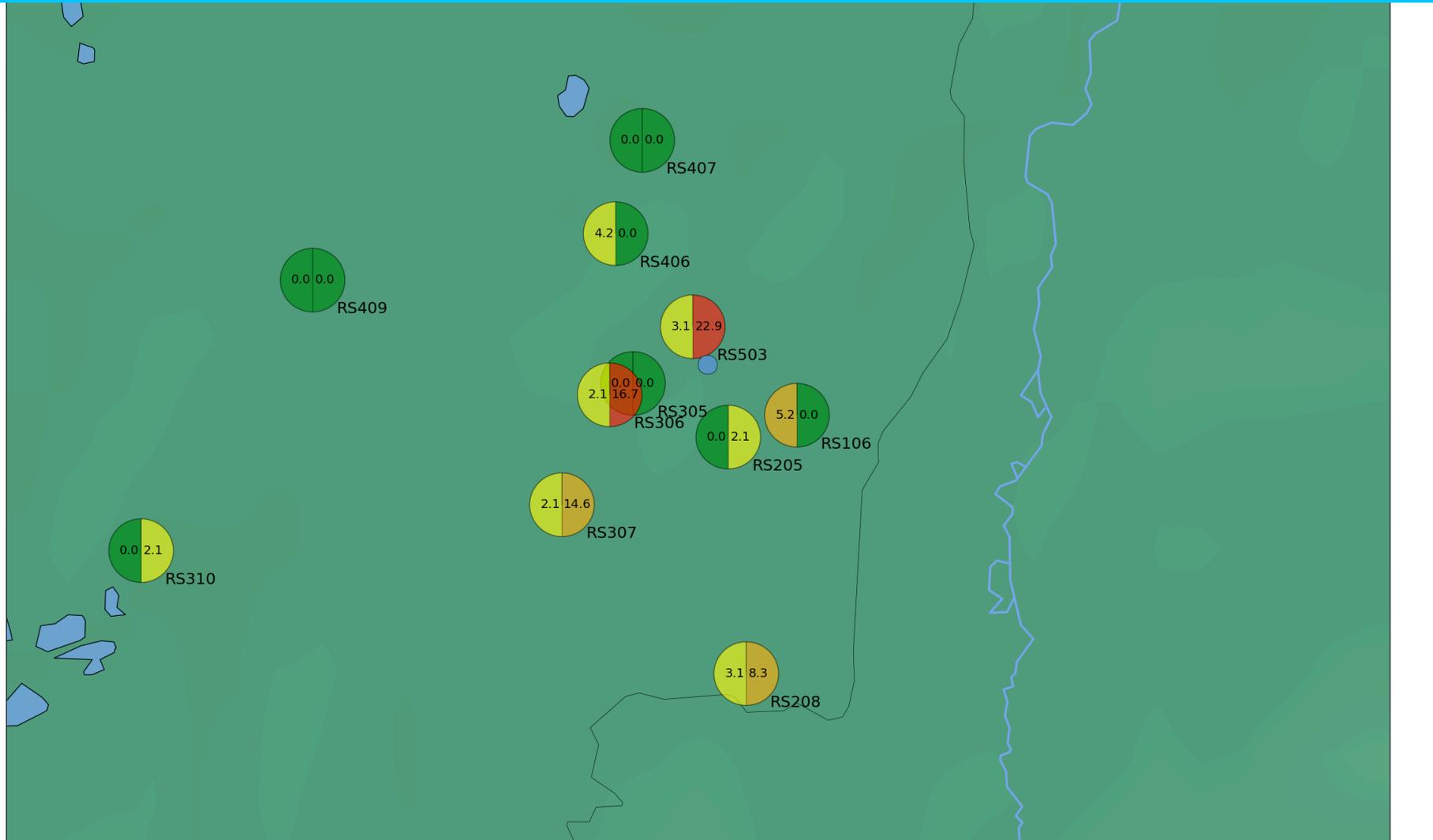
# Superterp (LBA: 1.2 %, HBA: 4.5%)



# Core Stations (LBA: 1.8%, HBA: 6.1%)



# Remote Stations (LBA: 2.6%, HBA: 5.4%)



- **CEP2:**
  - ✓ In some cases pipeline execution took longer than expected.
  - ✓ manual intervention was needed for pipelines requiring a source model.
- **COBALT:**
  - ✓ Not used regularly for production observations yet (see R. Nijboer's talk)
- **LTA:**
  - ✓ Problems experienced in the last two weeks (see Adriaan Renting's talk)

- **CEP1:**

**phased-out at the end of March 2014**

***back-up your data elsewhere  
and/or get  
in touch with Science Support to  
request data transfer to CEP3.***

# News regarding LOFAR Cycle 1 observations

## 19/03/14, 6:00 to 7:00 LT: maintenance fiber at DE604

Week 12	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
Approximate LST		12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10	11
March	17	Mon	LC1_008 - Lockman Hole - 8hrs		Stress system runs + TBB runs						LES_003 - Sun - 6hrs + COBALT TESTING; all international stations (except DE604) switched to ILT mode at 9 UTC						COBALT TESTING								
	18	Tue	COBA TESTI	Station Test			COBALT TESTING						Station Test		LC1_003 - Pulsars			LC1_035 - Monthly LST 08-09	LC1_003 - Pulsars						
	19	Wed	LC1_003 - Pulsars				LC1_023 - LSTs 16,18	Stress system runs		COBALT TESTING		LC1_023 - LSTs 22	COBALT TESTING			LC1_023 - LSTs 02,07									
	20	Thu											Stress system runs		LC1_024 - NGC4258 - 9hrs repeat										
	21	Fri	LC1_024 - NGC4258 - 9hrs			LC1_035 - Monthly LST 16-19			STATIONTEST		LES_003 - Sun - 6hrs + COBALT TESTING; all international stations (except DE604) switched to local mode at 9 UTC						Stress system runs		LC1_020 - Crab - 0.5hrs	Stress system runs + TBB runs					
	22	Sat					LC1_003 - Pulsars			Stress system runs		LC0_035 - M31 - 4hrs			Stress system runs + TBB runs			LC1_008 - Lockman Hole - 8hrs							
	23	Sun	LC1_008 - Lockman Hole - 8hrs		Stress system runs + TBB runs			LC1_052 - LOTAAS - 10hrs										LC1_039 (EoR) - 3C196							

- Detailed Cycle 1 schedule available here: <https://docs.google.com/spreadsheet/ccc?key=0AtnmDczhIbEtdGQ4enZicHpGREpGYm1Pc2JrQWIZWmc&usp=sharing>
- Contact Science Support in case of questions/issues
- **\*\*Always cc 'sciencesupport@astron.nl' and include the proposal code in the subject line\*\***

- **Proposals submitted:**
  - ✓ 42 regular proposals
  - ✓ 3 long term proposals
  - ✓ 2 envelope sheets
- **Cycle 2 technical panel meeting currently ongoing.**
- **PC meeting on April 29-30:**
  - ✓ PI's will be contacted after the PC meeting.
- **Start of Cycle 2:**
  - ✓ May 15<sup>th</sup> 2014

## Upcoming activities:

31-4	Mar/Apr	MKSP meeting (Bonn)
1	Apr	Stop day (Tue)
8-11	Apr	Third LOFAR Science collaboration workshop + MSSS workshop