

Please mute your microphones/webcams



## Programme:

- 1. Array Status H. Munk
- 2. Observatory Update M.C. Toribio
- Update on monitoring the HBA tiles/elements status –
   W. Frieswijk
- 4. Results from the long-baseline snapshot calibrator identification survey J. Moldon
- 5. Report from Imaging Busy Week 19 A. Bonafede

## **Array Status**





#### **Current Status:**

- 38 operational NL stations
- 24 CSs
- 14 RSs
- 8 ISs
- TBB upgrade finished: one TBB board (RS310)
- DE603: Timing system problems, trouble shooting ongoing
- DE605 out until Thu Oct 17 for air conditioning unit replacement

www.astron.nl/radio-observatory/astronomers/current-status

## Network, CEP Status



#### Network

- Outside CIT: no problems
- Inside CIT: see next slide

#### ■BG/P

nominal

#### Cobalt

nominal

#### •CEP-I/II(/III)

No news

#### Next stopday

November 5

### CIT CEP Internal Network



- Problems with dropped network packages
- Probable cause: network switches receiving data from LOFAR stations and distributing to Cobalt and BG/P: insufficient throughput
  - Dell switches (being) replaced by IBM switches
  - Tests ongoing

## News regarding the observing system



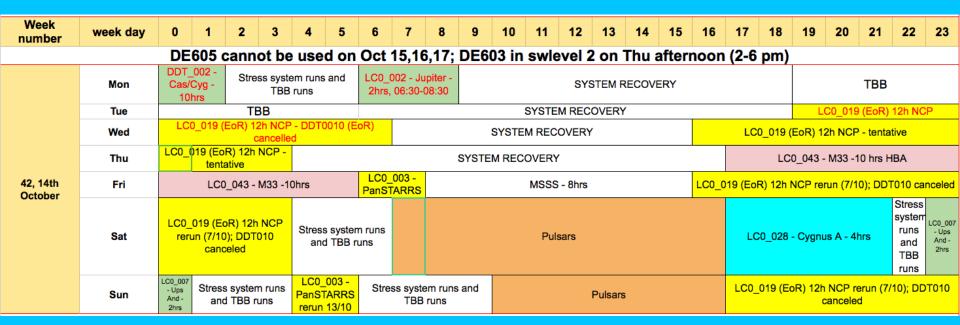
- Low efficiency period:
  - ✓ Network reconfiguration problems (H. Munk's report)
  - ✓ Ingest to the LTA stopped; restarted last Friday
  - ✓ Not operational
- Issues:
  - ✓ Oscillating tiles

     -update on the monitoring of the HBA
     tiles (W.Frieswijk's talk)

# News regarding observations and commissioning



- ✓ Network, monitoring, system validation, station tests ongoing
- ✓ LC0 expected to restart today Wednesday Oct 16<sup>th</sup>.
- ✓ LC0 schedule (contact Science Support):



## Observations and commissioning:



- ✓ Continuation of MSSS survey
- ✓ Commissioning observations

  http://www.astron.nl/radio-observatory/astronomers/
  commissioning/commisioning-plan
- ✓ VHECR-mode (TBB) observations.

## News regarding the observing system



#### Station calibration:

- New tables installed for international stations after recent repairs.
- Current status:

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

## News regarding the observing system



- Updated software (M. Eikelboom,
   S. Wijnholds, C. Toribio)
  - ✓ Improved robustness of the fits
  - ✓ Automatic processing and output of recorded data



## **CEP1** heavy users:

Ultimatum sent to users and data deleted

Please remove your old data ASAP (CEP1 is not meant to store data)

http://www.lofar.org/wiki/doku.php?id=engineering:stopday\_procedure

## CALENDAR of requested busy weeks and other LOFAR activities



#### Upcoming activities:

5 Nov	Stop day (Tuesday)
14 Nov	End of Cycle 0
15 Nov	Start of Cycle 1