ASTRON

Netherlands Institute for Radio Astronomy

Programme:

1) Array status and Radio Observatory Update – R. Fallows

2) CEP4: status update - H. Holties

3) Windmills nearby the LOFAR core: plans and impact on the array - M. Brentjens

4) Facet calibrated images of a new 2.6 Mpc giant radio galaxy - A. Clarke
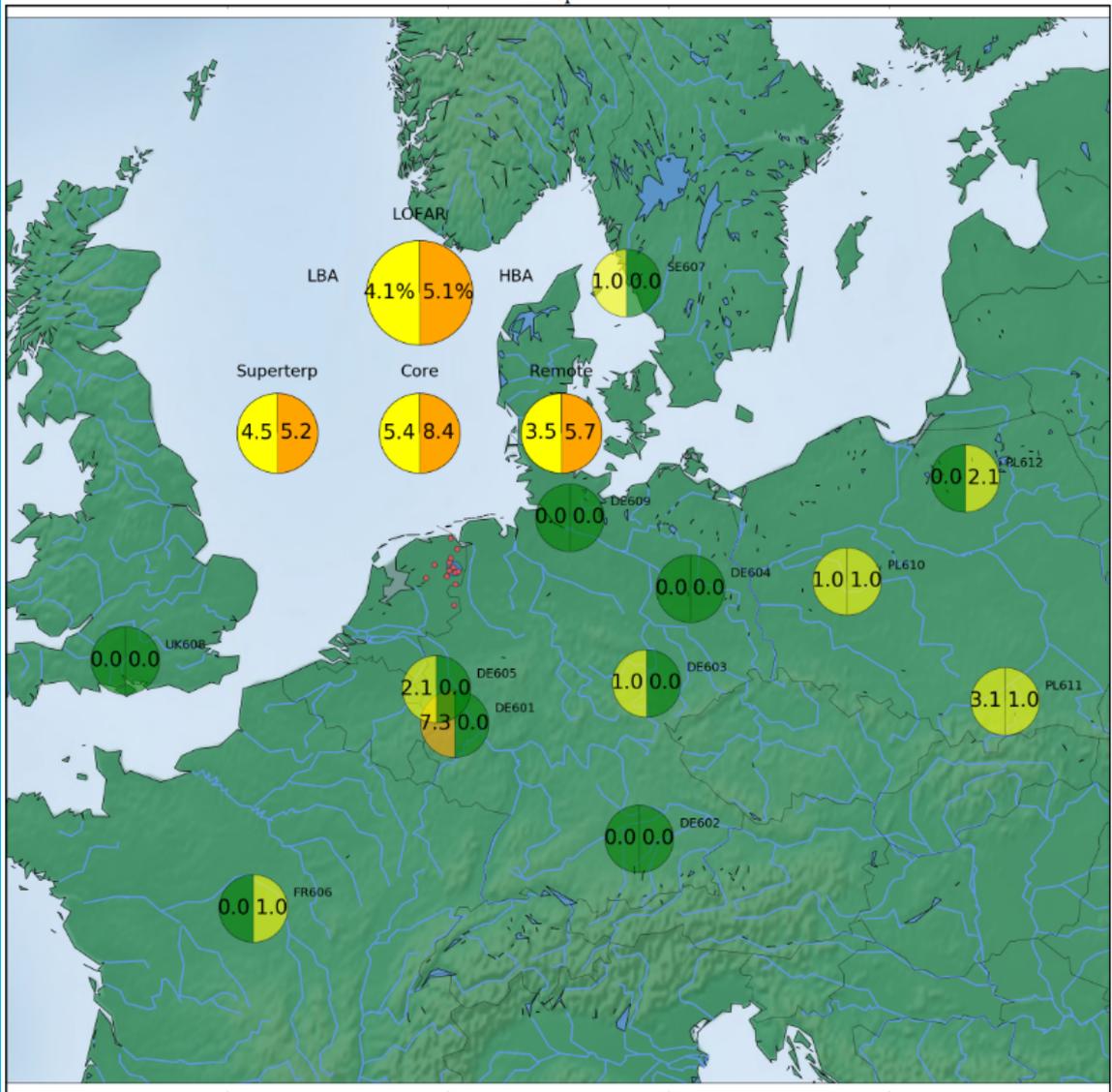
Array Status

International LOFAR Telescope (ILT)

- 50 operational stations

  24 CSs

  14 RSs 12Is

- Ongoing RS307 hardware monitor under observation by PD

- CS302 not yet available until further notice (new LCU). Successful observation performed.

- Weekend 15/16-10 IS high % flagged data. Due to wrong monitoring files on cobalt.

- DE604 airco problem.

Overview, including IS

LBA: 4.1%; HBA: 5.1%

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

News regarding the observing system

- Surf-SARA off-line for maintenance between 1-16 October.

- RO adopted a new scrip for ingesting the data in order to improve the robustness.

- CEP4:

  - TBB mode is operational since two weeks

  - PSR mode is nearly operational. All PSR pipelines run successfully last week. Cycle project are being shipped to CEP4.

  - RO is now focusing on exporting all the operations to CEP4.

- LOFAR Cycle 6 is 67% complete.

Calendar LOFAR activitiesand general info:

http://www.astron.nl/radio-observatory/calendar-lofar-activities/calendar-lofar-activities

- ➢Long Baseline Busy Week 9-13 January 2017

- ➢Lofar data School presentation recording on line
http://www.astron.nl/lofarschool2016/lectures.php
- ➢LSM presentations list & users suggestions:
 http://www.lofar.org/operations/doku.php?id=public:lsm_new:start