

Programme:

- 1. Array status and Observatory update – R. Fallows*
- 3. MSSS update – G. Heald*
- 4. The Northstar proposal tool – W. Frieswijk*
- 5. Results from imaging busy week 18 – E. Orru'*
- 6. CEP3 – H. Holties*

Current Status:

- 37 operational NL stations
 - 24 CSs
 - 13 RSs
 - 8 ISs
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- NL stations TBB memory upgrade installation underway, most CS upgraded, firmware update likely today.
 - RS210: Station testing underway, not yet part of observations.
 - RS024 and RS305: connection issues, under investigation.
 - General maintenance on-going.
 - Daytime observations 'at risk' with core stations failing in the heat.

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

Network

- Extensive tests planned for next week involving all international stations to try and resolve regular data connection problems.

BG/P

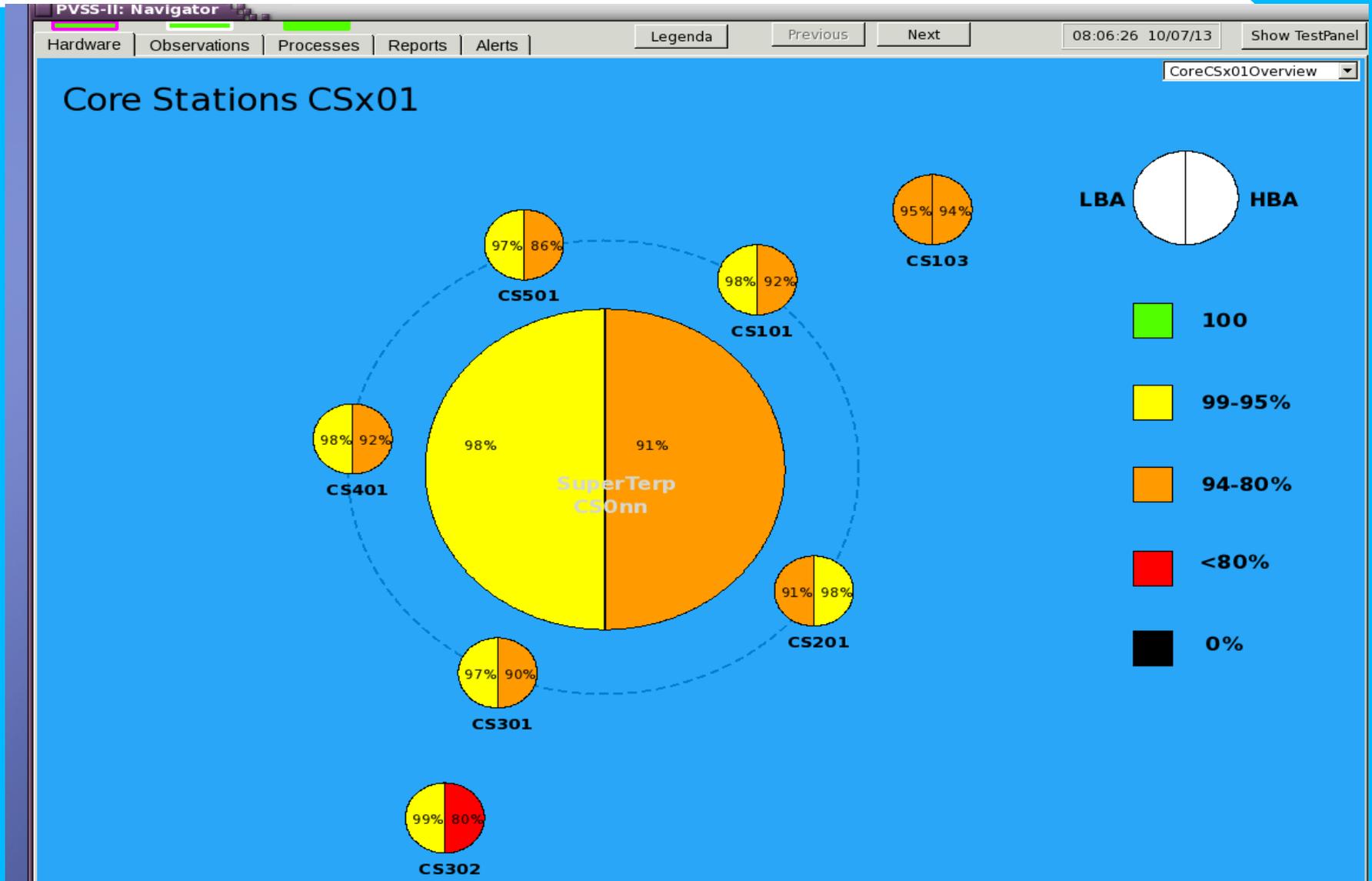
- Some observations failed to start on BG/P following the last Stop Day, but this seems resolved.

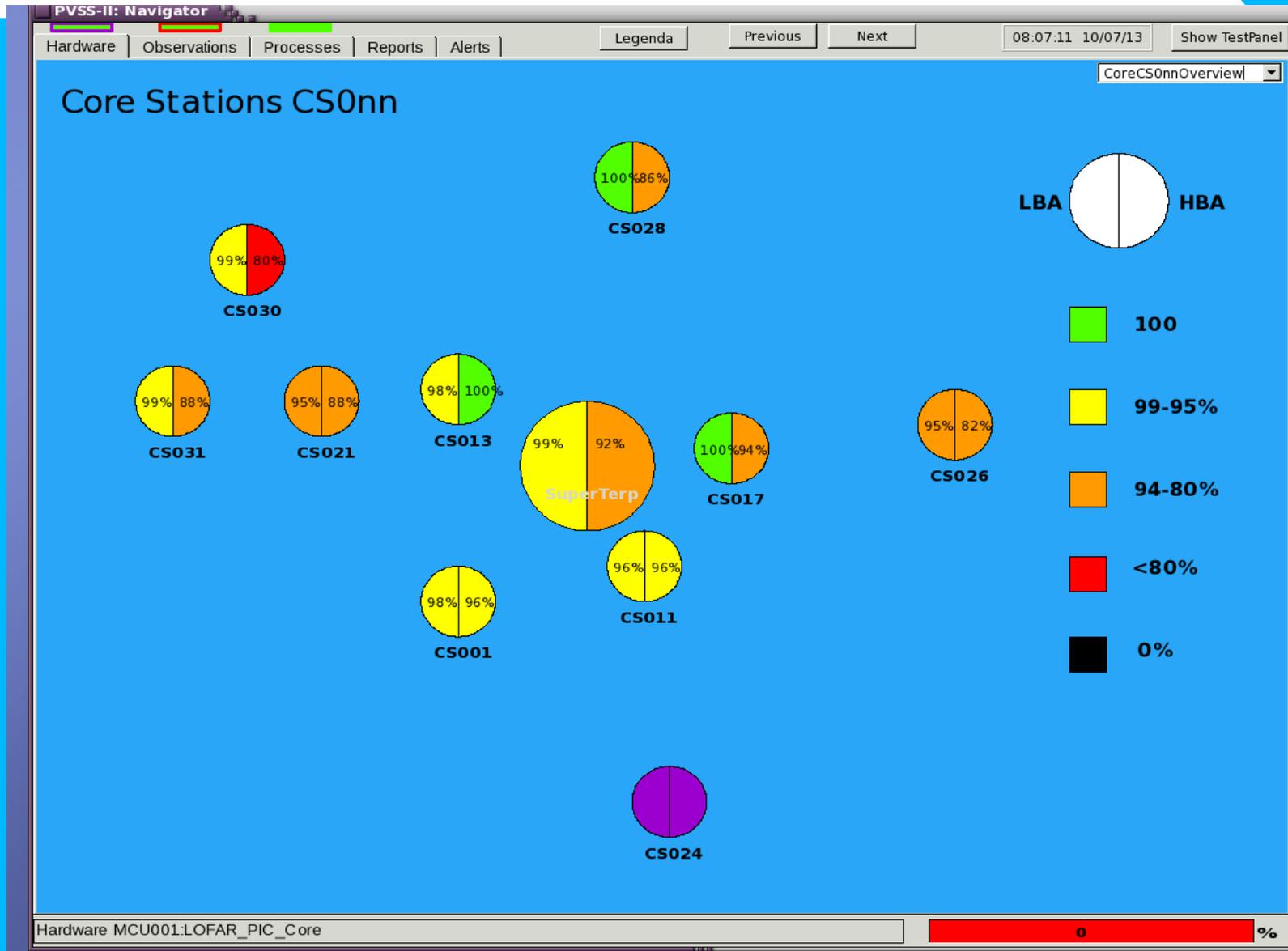
CEP-I/II

- Status of CEP-I disks deteriorating. Please ensure that you back up important data elsewhere!

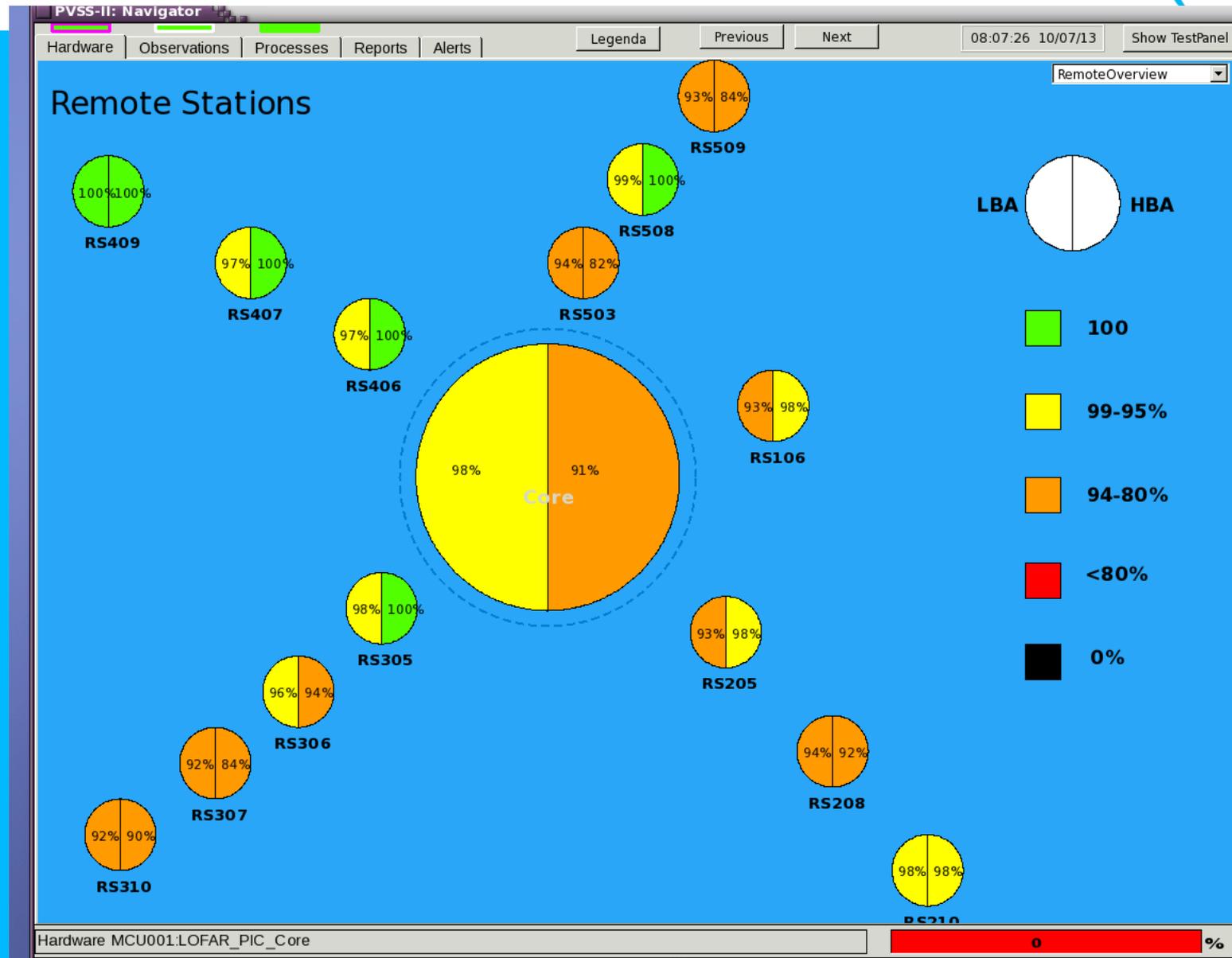
Next stop day: Tuesday, 6 August

Superterp + CSx01

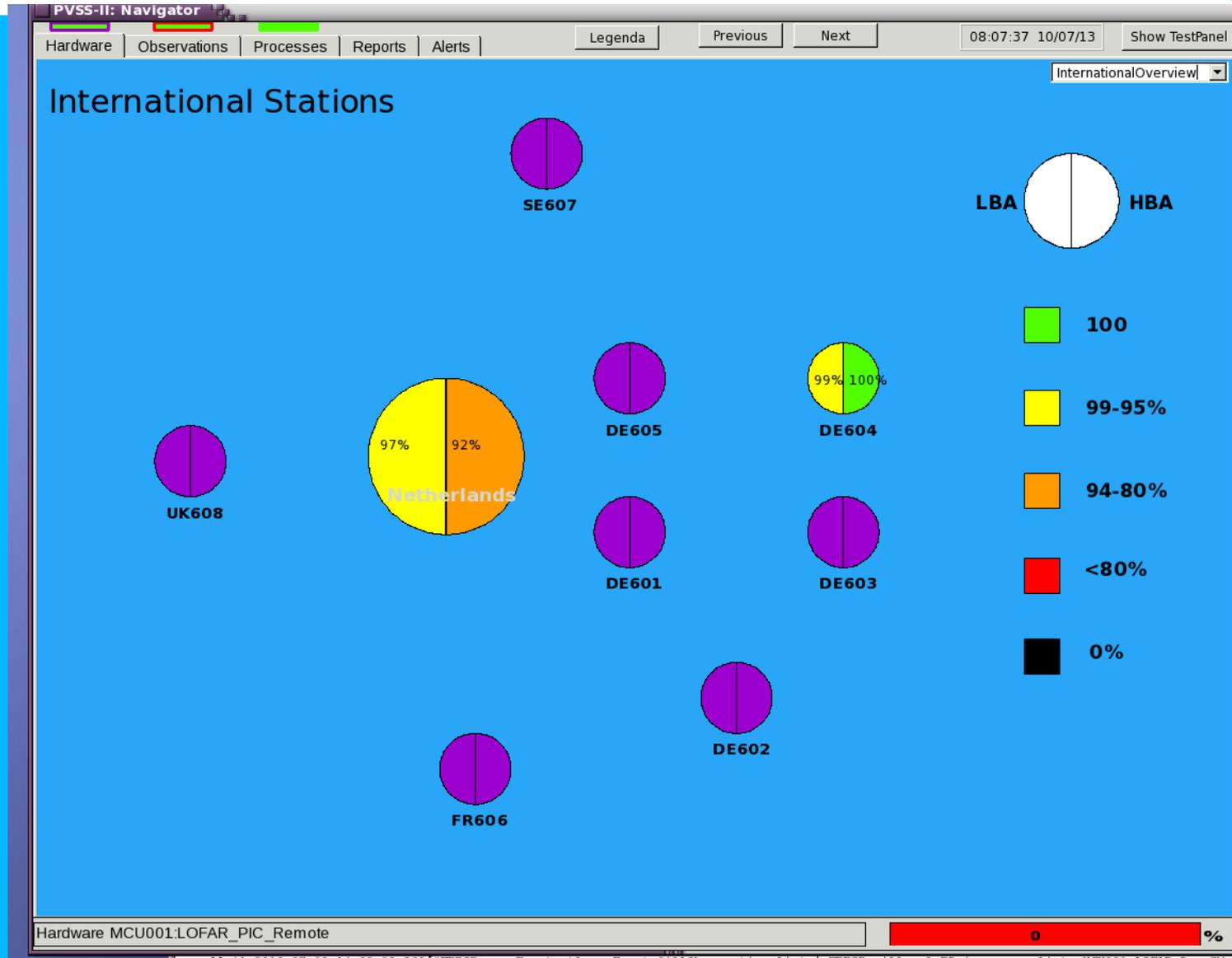




Remote

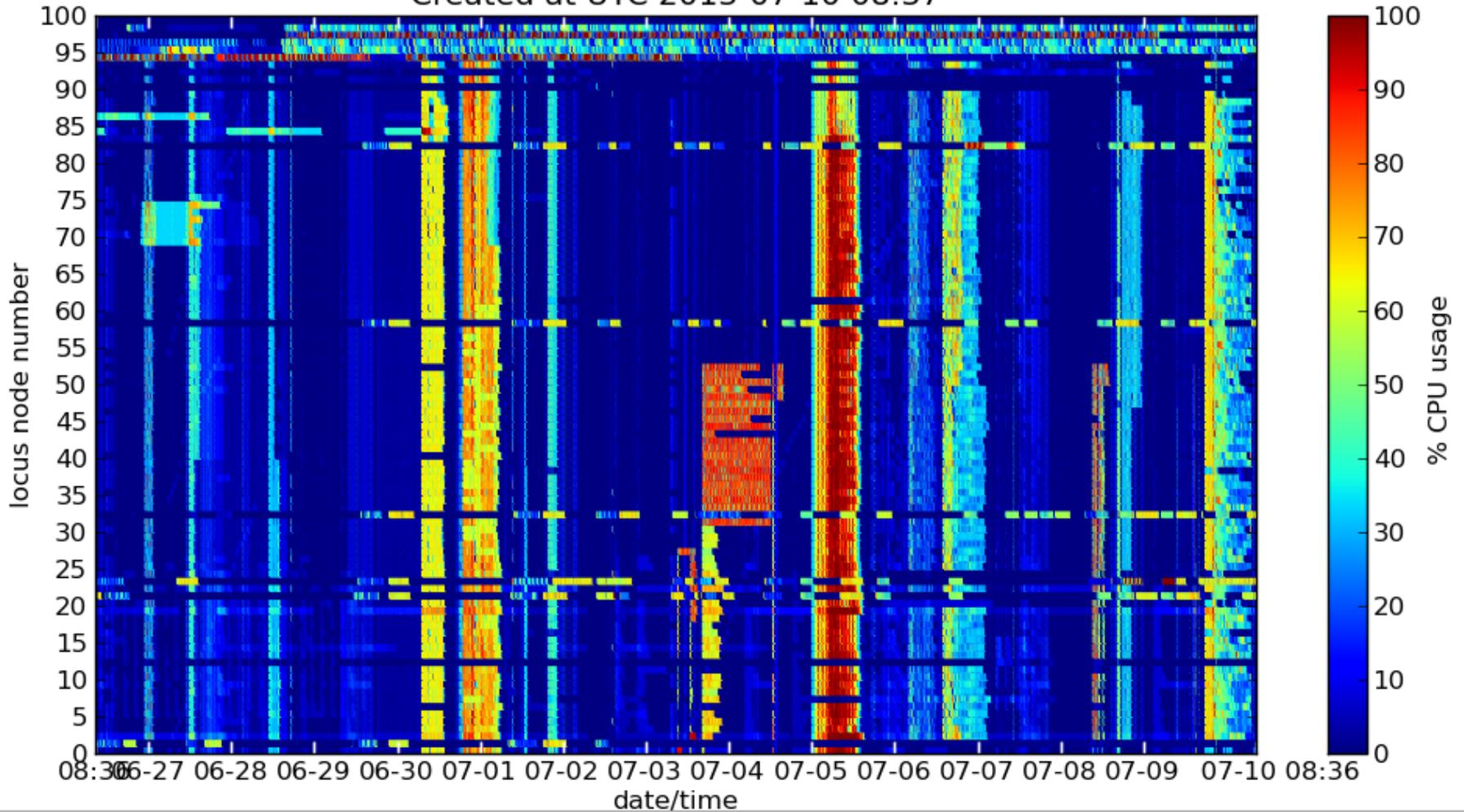


International



CEP usage

CPU usage Locus nodes in % for 14 days.
Created at UTC 2013-07-10 08:37



- CEP2:
 - Number of nodes hanging on occasion, mainly due to memory usage by pipelines.
- CEP1:
 - Heavy users of /data areas are requested to clean up their data regularly.
 - Staging areas are getting full. Please remember that Cycle 0 data have a grace period of 4 weeks in these areas. After this, they may be removed.
 - Nodes becoming increasingly unstable: Please ensure important data are backed up elsewhere.

News regarding the observing system: Stations



- Core stations have been failing in the daytime due to overheating. Currently, daytime observations must be considered at risk.
- Significant flagging of data from some international stations, particularly DE601, DE602 and DE605. To be investigated extensively next week.

News regarding the observing system: Stability and performance

- Overall stability is good:
 - Observations are stable.
 - Pipelines are mostly stable, but some heavy memory usage on locus nodes sometimes causes problems.
- Issues:
- Observation and pipeline status updates in MoM still occasionally unreliable. Being monitored and bugfixes being put in place.
- Processing is stable, but scheduling of pipelines is still a manual process leading to overload or under-use of CEP2 on occasion.

News regarding the observing system: Archive



- The issues with incomplete meta-data in some observations are gradually being resolved, but some old observations from February remain in the queue.
- The issue with double MoM-IDs has been fixed.
- System to easily archive and retrieve data which cannot be ingested via the usual process is under development.

- Characterisation for Cycle 1: Delayed due to issues with processing. Report to be given at next LSM.
- Imaging pipeline now uses the new awimager. However, some keys need to be implemented, so old settings are still used.
- Settings in Target and Imaging pipelines have meant that the first channel of each subband was ignored in averaging. This affects final archived data products, not intermediate products. This has been solved for future observations.

CALENDAR of requested busy weeks and other LOFAR activities

<http://wwastron.nl/radio-observatory/astronomers/commissioning/commisioning-plan>

- 6 August: Stop Day