"CS1" Status

CS008   CS010   CS001   CS016

HBA status

- ◆ All 30 HBA dipoles were placed
    - ⊕ Poor single dipoles (17) of them are removed from the field this morning
- ◆ All 6 tiles are working
    - ⊕ All modems are placed (tiles are controllable)
- ◆ Beamtracking in debugging phase
- ◆ Michiel B. will validate the HBA beamtracking

LOFAR

RSP III status

- ◆ 36 RSP III boards in house
  - ⊕ 18 boards are tested and (now) ok
  - ⊕ Upgrade of one station (CS001) with 4 * RSP III
  - ⊕ Remote update is not operational yet
  - ⊕ RSP II boards will be used in CS001t (Dwingeloo testsystem)

Transient Buffer Boards

- Two of them will arrive today …

LOFAR

CEP Achievements

- 48 subbands @ 160 MHz
- 36 subbands @ 200 MHz
- This scales up for one station to
  - 30.00 MHz @ 160 MHz
  - 28.13 MHz @ 200 MHz

Measurement Sets

◆ Currently one subband per MS is written

◆ All MSs of one observation are stored in one directory

   Example: /lifs001/L2007_02560/SB18.MS

LOFAR

Weekend measurements

- Should be defined before 10:00 AM on Friday

- Will be pre-tested in the morning

- Started at about 17:00 PM

LOFAR test environment

- Plan is to transfer CS1 in July to operations
  - CS1 runs only with (stable) production software
  - increase availability of the CS1 system for commissioning
- Plan is to build a LOFAR test environment with the old station hardware
- Currently two station "equivalents" are operational