

"CS1" Status

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CS008

CS010

CS001 CS016



HBA status

- ◆ Long(er) term: searching cheap alternative switches which can withstand the humidity test
- ◆ Short term: searching pin compatible alternative switches which can withstand the humidity test
- ◆ Now 3 alternative switches are found for the short term solution

HBA status (2)

- ◆ All 5000 switches in the field will be replaced
- ◆ Expected time line (if people are available):
 - ⊕ Rework started week 34 (23 August)
 - ⊕ Rework takes about 2 weeks (6 September)
 - ⊕ Testing all units takes about 1 week (13 September)
 - ⊕ Placing units back takes about 1 week (20 September)

HBA status (3)

- ◆ Summator of one of the tiles replaced because of significant ripple over the passband
- ◆ Currently under investigation in the lab
- ◆ Influence wind



Digital board status



- ◆ RSP III boards
 - ⊕ New boards in CS001
 - ⊕ Last weekend CS001 was included in the observations
 - ⊕ Result: no difference seen in redundant baselines of other stations
 - ⊕ Conclusion: RSP III board works
 - ⊕ Next action: today CS010 is equipped with RSP III boards
- ◆ TBB boards
 - ⊕ Currently installed in CS001

Other Station News

- ◆ Planned on August 21/22: shipment of 24 RSP3 boards and 12 TBB boards to Effelsberg → the first full station!
- ◆ Unequal cables installed in CS010 now for station calibration experiments
- ◆ HBA beamforming validation ongoing

CEP/WAN news

- ◆ More successful tests have been performed when input cluster is excluded. Remaining tasks:
 - ⊕ Stabilize kernel for 100% of the time
 - ⊕ Do scalability tests

- ◆ Integrated pipeline of OLAP works currently for one subband under control of SAS/MAC