

## 2012 November 15

Olaf, Masaya and Andreas did:

### Installation of Syncoptics Boards

Two repeater boards installed, 10 MHz clock from one port of the rubidium via tee, PPS from two ports of the rubidium.

As the PPS and 10 MHz cables to the racks are not labeled the same rack might be connected with PPS to one syncoptics board and the 10 MHz clock to the other.

### Broken(?) HBA Tiles

After installation of the syncoptics powering the station up again, the previous non-communication tiles were working fine again.

During extensive testing some FEs of some tiles were not communicating at different times, but no really clear pattern was visible. So in the end it was decided not to exchange a FE-module, but monitor the situation longer.

## 2012 November 26

### HBA-Modemtest

Running the HBA-modemtest without switching to rcumode 5 (running poweruphba) first, or directly after switching to rcumode 5 showed changing errors, sometimes causing the RSPDriver to crash. When run after switching to rcumode 5 and ensuring that all RCUs successfully switched to rcumode 5 then the modemtest showed no errors.