

HARDWARE COMMISSIONING COORDINATION

November 2, 2006, 8:30 in SX6

Present: Loic Bourgeois, Claude Dehavay, Sandor Feher, Robert Harrison, Robin Lauckner, Jean-Pierre Malod-Dognin, David Nisbet, Rosario Principe, Jacques Toullieux, Antonio Vergara, Markus Zerlauth.

SCT in UA63

➤ Thursday Nov 2: 24hh heat run closed successfully yesterday, Nov 2, at 14h45 after the UPS failure test. Nothing to point out on thermal point of view. For the rest, just two minor events under analysis:

1. Sequencer failure due to a wrong manipulation. This failure was totally transparent for the converters since they were able to recover it without stopping the run. Only some data was lost in the journal.
2. Problem on a 600A switch appeared already at the beginning of the test. Under investigation by EE.

Resuming of the action plan on Thursday Nov 2:

- 9:00: Ramp down all the converters to 7 TeV operation current
 - 11:00: Shake all the cables of 600 A or less in order to check the reaction of the converter to badly connected/assembled cables.
 - 14:30: UPS tests. Nothing to point out.
 - 14:45: End of the UPS test, ramp down. End of the 24-h test.
- Friday Nov 3: AUG test at 9h20 in UA63 (after green-light from cryogenics).
- WorldFip failure: under analysis (magnetic or differential fault).
 - Alarm on a 600A switch (the same equipment faulty during the 24-h run, under study by EE).
 - Globally the test can be considered successful although few days are still necessary to clarify the WorldFip failure at the beginning of the next week (it could be finished by Wednesday Nov 8).
- Friday Nov 3, at 10h00 after the AUG simulation, the team continued with the polarity. Planned to be finished by this night.

Open Issues

09.10 Endurance tests of EE. Waiting date from IC.
03.11 WorldFip failure analysis.

Heat Runs and Test Schedule

24.10 8-h heat run: All converters except 13 kA – Done
30.10 8-h heat run: All converters -Done
01.11 24-h heat run - Done

Closed Issues

05.10	Fire detection installed.	05.10
05.10	Short circuit parts in UA63.	10.10
09.10	Cleaning of the area.	10.10
09.10	"Tableau BT" tested. Conformity certificates ok.	10.10
09.10	Detailed schedule SCT in UA63 available.	10.10
09.10	Wifi operational.	10.10
09.10	"Balisage" of the UA63 in place.	11.10
09.10	Worldfip operational. Gateway operational.	11.10
10.10	Installation of the FGC completed.	10.10
09.10	EE, "test isolement" on the QF and QD. Done.	13.10
09.10	Water leakage on the RQF to be verified. Done.	13.10
09.10	ED water circuits balancing. Done.	13.10
09.10	Few modules 120 and 600A to be installed. Done.	13.10
09.10	Flashing boxes and "baches" for the short circuit parts.	13.10
17.10	PIC installation done.	17.10
09.10	Elettas calibration. Done.	19.10
20.10	Verification of I_0 .	20.10
16.10	Correction of cabling EE	17.10
16.10	PIC installation	17.10
16.10	Check of the elettas. Done.	23.10
23.10	Three Wi-Fi access points are operating	23.10
19.10	ABPO tests 600A with EE	24.10
01.11	24-h heat run completed.	02.11
02.11	UPS failure test. Completed.	02.11
03.11	Simulation of AUG in UA63. Done.	03.11

**Next RAT meeting
Wednesday November 8
8:30 in point 5, room 3595/R-013.**

Rosario