

HARDWARE COMMISSIONING COORDINATION

October 31, 2006, 8:30 in SX6

Present: Loic Bourgeois, María Paz Casas-Lino, Knud Dahlerup-Petersen, Julien Kis, Robin Lauckner, Jean-Pierre Malod-Dognin, David Nisbet, Jacques Toullieux, Antonio Vergara.

SCT in UA63

New Issues

- An 8-h heat run with all the converters has been performed yesterday, Monday Oct 30. Nothing in particular to point out.
- The decision to carry out the 24-hour heat run on Wednesday (01.11) from 10:00 at ultimate current has been confirmed. Although the schedule has been slightly changed (see below).
 - Wed 01.11 – 8:30 to 10h00: communication test from CCC.
 - Wed 01.11 – 10:00: start of 24-h run at ultimate current.
 - Thu 02.11 – 8:30: ramp down to the 7 TeV operation current.
 - Thu 02.11 – 14:00: ramp down to I_min_op for the UPS test.

NB: the test consists in switching the supply from UPS to mains, in order to check the behaviour of the connected equipment. Then switch back from mains to UPS.
 - Thu 02.11 – 15:00: end of the test.
- An 8-hour calibration run has been performed today (31.10).
- The rest of polarity checks will be done on Thursday (02.11) afternoon.
- Fri 03.11, test simulating the AUG conditions in the UA:

From 8h30 to 10h00 the operation team of the EL group will cut the two 18 kV switchboards related to the UA63, the 18kV supplying the UW65 (shut off the water pumps) and the 400kV in order to simulate the conditions of an AUG test in the UA63.

A "note de perturbation" will be provided by EL to the users concerned.

This test should not affect the cryo activity and the tunnel activity.

- ABPO requires a rapid CV intervention in order to check the filter conditions on the RB (before the 24-h run).

The possibility to concentrate the cleaning of the demi water filters in a unique campaign has been considered during the meeting. Waiting for CV proposals.

- EE: problems encountered on a 600A. An electronic card will be replaced today. The equipment will be ready for the 24-h run.
- Connexions coniques to be checked before the 24-h run.

Open Issues

23.10	Wrong spin of the DQR fan – In progress (not critical for the tests in the UA63).
09.10	Endurance tests of EE. Waiting for a date from IC.
25.10	Intervention on the ROESE station.
31.10	Check of the water filter on the RB.
31.10	Flow rate on the QF and QF to be checked.

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
01.11	24-h heat run – Starting from 10:00

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
24.10	RQi converters tested.	25.10
30.10	The interlock tests for the 13kA circuits completed.	30.10
09.10	Ventilation caps on the cable ducts. Done.	30.10
12.10	Alarm <i>debit de fuite</i> – Repaired.	31.10



Next RAT meeting
Wednesday November 1st, 8:30 in CCC

Rosario