

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

January 12, 2007, 8:30 at Point 6

Present: Pal Anderssen, Alejandro Castaneda, Claude Dehavay, Jean-Pierre Malod-Dognin, David Nisbet, Mirko Pojer, Ivan Romera, Jacques Toullieux.

SCT in UA67 and UJ67

- DC cables:
 - Problem with the shipping of the aluminum panels to close the ducts UA/tunnel.

- Power converters:
 - ~~This afternoon, 10.01, powering tests of the 120 A. DONE~~
 - The tests of the 600 A without EE has started.
 - ~~Following the ECR-LHC-RPH-EC-0001 the database of the circuit for the magnets Q10L6 – Q8L6 – Q10R6 – Q8R6 is being fixed. DONE~~

- Cooling and Ventilation:
 - An intervention by CV has been planned for Wednesday (17.01) morning to clean the dirty filters.

- WIFI:
 - ~~Problem with the CYNETO3 – not already solved, this afternoon, 10.01, a new access will be installed in order to cover the whole area. (solved in the afternoon) OK~~

- WorldFIP:
 - QPS segment has been completed and R. Denz will connect his racks at the beginning of next week.

- Energy Extraction:
 - 600A EE, IST on going – ~~problems with WiFi connection (see WiFi).~~
 - 13kA EE, IST on going
 - Knud informed that new comers are arrived. Time will be spent to form them.

- ~~Knud would like to test the EE in the RR73, water circuit is not available — to be verified with TS-CV. Water and electricity are OK.~~

➤ AOB:

- Jacques informed on the necessity of making an intervention in Point 1: a power cut in ERD1-cell R13 will be planned with David, probably next week.

Open Issues

12.01	Power cut in ERD-R13
12.01	Cleaning of filters by CV (planned for 17.01)
10.01	QPS racks connection
08.01	EE fan rotation problem to be fixed for the whole machine
21.12	Aluminum panel for the cables ducts/ shipping and install.
21.12	HV Insulation test of the DQS poles

Heat Runs and Test Schedule

08.01	600A and 13 kA EE system IST. ON GOING
08.01	RB IST.
11.01	120A powering tests.
15.01	2 kA powering tests.
17.01	PIC-PC-QPS Interface tests.
19.01	600A powering tests.
23.01	600A-EE powering tests.
26.01	120A-600A-2kA 8h heat run.
30.01	RQD&F powering tests.
02.02	RB powering tests.
07.02	RQ&RB 8h heat run.
12.02	24h heat run test.
14.02	AUG&UPS test.
14.02	Polarity test.

Closed Issues

12.01	Water circuit in RR73 (next SCT)	10.01
10.01	Problem with the CYNET03	08.01
10.01	Database update for ECR LHC-RPH-EC-0001	12.01
18.12	PC powering	10.01
18.12	Cooling station test by Roesse	10.01
18.12	ERD rack powering	09.01
18.12	Elettas calibration	08.01
18.12	Ventilation station	08.01
21.12	HV Insulation test of the DQS poles	08.01
18.12	EOD rack powering	23.12
18.12	Cleaning of the areas	21.12
18.12	Water circulation	21.12
18.12	HV test with circulating water	21.12
18.12	Water-cooled cables supports	21.12
18.12	WorldFip cabling for PO	21.12

18.12	CYNET01 and CYNET02 powering	21.12
18.12	Connection of cable extremities on DQS	21.12
18.12	Electrical protection IP2 on LEMs	21.12



**Next RAT meeting,
Monday January 15
8:30 at Point 6.**

Mirko