

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

January 15, 2007, 8:30 at Point 6

Present: Markus Albert, Claude Dehavay, Sandor Feher, Jean-Charles Pierret, Mirko Pojer, Jacques Toullieux.

SCT in UA67 and UJ67

➤ DC cables:

- Some loosen bolts have been discovered on the DC cables (power converter side) on the RCBYH4.R6B1 and RCBYV4.R6B2 power converters. Jean-Charles will fix them.
- Problem with the shipping of the aluminum panels to close the ducts UA/tunnel: an alternative solution has been found and will be applied in the following days.

➤ Power converters:

- ~~The tests of the 600 A without EE have been started.~~ DONE
- The tests of the 600 A with EE can start as soon as the EE systems are ok.
- The tests of the 2 kA have been started.

➤ Cooling and Ventilation:

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

➤ WIFI:

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➤ 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 – only one more day is required (to test the switch opening time delay).

- 13kA EE, IST on going – cables non-conformities were discovered which will require the whole week for completing the test.
- Fan rotation for the EE system has already been checked in UA67.
- The cooling system of EE in RR73 has been successfully tested.

➤ 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~~: it will start this morning and will probably finish by tomorrow midday.

Open Issues

15.01	Loosen bolts on RCBYH4.R6B1 and RCBYV4.R6B2 PCs.
12.01	Power cut in ERD-R13
12.01	Cleaning of filters by CV (planned for 17.01)
10.01	QPS racks connection
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. ON GOING
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

15.01	EE fan rotation problem	08.01
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 Roese	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,
Wednesday January 17
8:30 at Point 6.**

Mirko