

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

January 19, 2007, 8:30 at Point 6

Present: Markus Albert, Boris Bellesia, Juan Blanco Sancho, Claude Dehavay, Sandor Feher, Carlos Fernandez Robles, Jean-Pierre Malod-Dognin, David Nisbet, Mirko Pojer, Ivan Romera, Jacques Toullieux.

SCT in UA67 and UJ67

- AC:
 - ~~Jaques informs on that the 18 kV test on the AC supply of the RB will be performed today (17.01). DONE~~

- DC cables
 - Aluminum panels will be shipped today (19.01); installation ready for the 24h run w6.

- Power converters:
 - ~~The IST of the 600 A with EE can start; end tomorrow (18.01). COMPLETED~~
 - Planning change:
 - in case the powering tests on the RQD/F and RB circuits (foreseen for next week) run smoothly, these circuits will be added in the 8 hour run of the 26.01.
 - the 24h heat run test will be advanced to February, 5.

- PIC:
 - Interface tests will start on Monday (22.01), they will last up to Thursday (25.01); the tests will be used on all circuits.
 - The interlock tests for the 13kA circuits are planned for Tuesday (QF/QD) (23.01) and Wednesday (RB)(24.01)

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

- WIFI:-

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

- Energy Extraction:
 - ~~600A EE, IST will be finished today (17-01).~~ COMPLETED
 - 13kA EE, IST:
 - the tests have been completed; a temperature sensor has still to be installed in the switch cage.
 - the broken thermostat will be probably replaced next week – no problem for the tests. Btw, the circuit must be revisited after the problem solution.

Ready for Monday to put current

- 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.~~ DONE
 - AUG test: on Thursday 25 a meeting will take place at Bld. 30 - 6th floor – 10.00 am. Cumer

Open Issues

17.01	Broken thermostat on 13 kA EE
10.01	QPS racks connection
08.01	EE fan rotation problem – all ring
21.12	Aluminum panel for the cables ducts/ shipping and install.

Heat Runs and Test Schedule

08.01	600A and 13 kA EE system-IST.
08.01	RB IST. ON GOING
11.01	120A powering tests.
15.01	2 kA powering tests.
15.01	600A powering tests.
17.01	600A EE powering tests.
22.01	PIC-PC-QPS Interface tests.
23.01	RQD&F powering tests.
24.01	RB powering tests.
26.01	120A-600A-2kA-RQD/F-RB 8h heat run.
05.02	24h heat run test.
07.02	Polarity test.
14.02	AUG&UPS test.

Closed Issues

19.01	HV Insulation test of the DQS poles	21.12
19.01	Cleaning of filters by CV (planned for 17.01)	12.01
19.01	Power cut in ERD-R13	12.01
17.01	Loosen bolts on RCBYH4.R6B1 and RCBYV4.R6B2 PCs.	15.01
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 24
8:30 at Point 6.**

Mirko