

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

January 15, 2007, 8:30 at Point 6

Present: Markus Albert, Boris Bellesia, Alejandro Castaneda, Claude Dehavay, Knud Dahlerup Petersen, Sandor Feher, David Nisbet, Jean-Charles Pierret, Mirko Pojer, Ivan Romera, Jacques Toullieux, Markus Zerlauth.

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).

- 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. FIXED~~
 - Aluminum panels will be shipped today (17.01); installation foreseen for the end of the week or the beginning of the next.

- Power converters:
 - The IST of the 600 A with EE can start; end tomorrow (18.01).
 - The IST of the 120 A, 600 A and 2 kA circuit have been completed.
 - Possible planning change: add of the 600A EE and RQD/F circuit in the 8 hour run foreseen for the 26.01 – RQD/F added if 13 kA EE successfully tested for beginning next week.

- 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.

- 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 will be finished today (17.01).
 - 13kA EE, IST:
 - ~~cables non-conformities in RORB were discovered which will require the whole week for completing the test.~~ FIXED
 - Problem to one thermostat – broken during transport, no spares available – 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.
 - The compressed-air cut will not affect activities in point 6
 - AUG test: on Thursday 25 a meeting will take place at Bld. 30 - 6th floor – 10.00 am.

Open Issues

17.01	Broken thermostat on 13 kA EE
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 – all ring
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	Loosen bolts on RCBYH4.R6B1 and RCBYV4.R6B2 PCs.	17.01
12.01	Water circuit in RR73 (next SCT)	10.01
10.01	Problem with the CYNETO3	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	CYNETO1 and CYNETO2 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,
 Friday January 19
 8:30 at Point 6.**

Boris