

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

January 30, 2007, 8:30 in CCC

Present: Markus Albert, Boris Bellesia, Knud Dahlerup-Petersen, Claude Dehavay, Jean-Pierre Malod Dognin, Sandor Feher, Robert Flora, Baptiste Lebeau, David Nisbet, Mirko Pojer, Ivan Romera, Jeff Thomsen, Jacques Toullieux, Eric Veyrunes

SCT in UA67 and UJ67

- AC: Jacques informed that a person will be in situ to control good AC supply

- DC cables
 - Aluminum panel installation will be done for this week.
 - Baptiste Lebeau replaces Jean-Charles Pierret.
 - Baptiste informed that during the last 8h run the recorded temperatures were all below 54 degrees. No re-arrangement of the cables are needed.
 - The conical junction of the RQD measured is about 20 mV instead of a normal value of 5 mV. By the way the 8h run will be performed. Tomorrow TS-EL will re-do the connection.

- Power converters:
 - Today (30.01) second 8h run: all circuits again.
 - Infra Red Analysys of the whole UA around today (30.01) at 3pm.
 - The 24h heat run test will be advanced to February, 5.
 - AB-PO complained that after the cleaning of the filters by TS-CV of the water cooled cable the RB converter was completely wet. No problem, this time, from a safety point of view.

- PIC:
 - RSF2.A67B1 and RSF2.A67B2 used a 'bouchon' at the power converter level instead of the PIC cable: today (30.01) TS-EL will fix it.

- Cooling and Ventilation:
 - ~~Intervention of TS-CV foreseen for today (29.01) to clean the filters of the 13 kA — converter and cable side. DONE~~

- WIFI:-

➤ WorldFIP:

- ~~QPS segment has been completed and R. Denz will connect his racks. DONE~~

➤ Energy Extraction:

- ~~Minor problems in the monitoring system for RQF/D and RB to be solved today (29.01)-OK – all cards work.~~

AOB:

- AUG: 9th Feb. 07:
 - EE-QPS team will need ONE person in the tunnel during the AUG.
 - PIC team will need ONE person in the tunnel during the AUG.
- It has been suggested that the PIC / EE-QPS / PC systems provide a short hand-book (just few lines) of the most common manipulations of their system to easy the CCC operator work.

Open Issues

29.01	Access to the tunnel during AUG
29.01	Slightly higher resistance of a conical junction
26.01	Dirty filters to be cleaned in the 13kA water cooled cables
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.
25.01	CCC tests for preparing 8hr run
26.01	120A-600A-2kA 8h heat run.
30.01	RQD/F-RB 8h heat run.
05.02	24h heat run test.
07.02	Polarity test.
09.02	AUG&UPS test.

Closed Issues

26.01	Dirty filters to be cleaned in the 13kA water cooled cables	29.01
29.01	Minor problems in the monitoring system of the EE	29.01
10.01	QPS racks connection	29.01
24.01	Eletta in RQ4 to be repaired	25.01
17.01	Broken thermostat on 13 kA EE	26.01
17.01	Broken thermostat on 13 kA EE	25.01
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 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



Wednesday January 31
RAT meeting
8:30 in CCC

Boris