

## **RAT** Réunion Avancement Travaux

### HARDWARE COMMISSIONING COORDINATION

January 24, 2007, 8:30 at Point 6

Present: Markus Albert, Boris Bellesia, David Nisbet, Jean-Charles Pierret, Mirko Pojer, Jacques Toullieux, Sandor Feher, Robert Henry Flora.

### **SCT in UA67 and UJ67**

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- AC: nothing to report
  
- DC cables
  - ~~Aluminum panels will be shipped today (19.01).~~ DONE  
Installation for Friday (26.01).
  - 13kA cables connection to PC tomorrow. DONE
  - Eletta in RQ4 must be repaired
  
- Power converters:
  - Tomorrow (25.01) RB powering tests.
  - 8hr run on Friday (26.01): probably RQD/F and RB circuits will be included – Decision will be taken tomorrow afternoon (25.01).
  - The 24h heat run test will be advanced to February, 5.
  
- PIC:
  - Non conformities found in PIC signal cable – 120 and 600A. Markus is following it.
  - ~~Interface tests will start on Monday (22.01), they will last up to Thursday (25.01); the tests will be used on all circuits.~~ DONE
  - ~~The interlock tests for the 13kA circuits are planned for Tuesday (QF/QD) (23.01) and Wednesday (RB) (24.01) DONE~~
  
- Cooling and Ventilation: -
- WIFI: -
- WorldFIP:
  - QPS segment has been completed and R. Denz will connect his racks at the beginning of next week.

- Energy Extraction:
  - ~~13kA EE, IST~~ DONE
  
- 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 - 6<sup>th</sup> floor – 10.00 am. Cumer
  - The 8h heat run test will be performed on Friday 26.01. The CCC test will be done TOMORROW (25.01) at 14:00.

### Open Issues

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24.01	Eletta in RQ4 to be repaired
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

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08.01	<del>600A and 13 kA EE system IST.</del>
08.01	RB IST. ON GOING
11.01	<del>120A powering tests.</del>
15.01	<del>2 kA powering tests.</del>
15.01	<del>600A powering tests.</del>
17.01	<del>600A-EE powering tests.</del>
22.01	PIC-PC-QPS Interface tests.
23.01	<del>RQD&amp;F powering tests.</del>
24.01	RB powering tests.
25.01	CCC tests for preparing 8hr run
26.01	120A-600A-2kA-RQD/F-RB 8h heat run.
05.02	24h heat run test.
07.02	Polarity test.
09.02	AUG&UPS test.

### Closed Issues

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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 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,  
Thursday January 24  
10:30 at Bld 30/6-041.**



**Friday January 24  
RAT meeting  
8:30 in CCC.**

**Boris**