

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

November 29, 2006, 8:30 in point 5

Present: Claude Dehavay, Julien Kis, Jean-Pierre Malod-Dognin, Sandrine Le Naour, Frank Moro, Mirko Pojer, Rosario Principe, Jacques Toullieux.

SCT in RR57 and UJ56

- Cooling and ventilation:
 - ~~On Friday, 23.11, last cables should have been connected in UJ56. Water circulation may start today at 11.30. A reception of the circuit is planned for early afternoon. DONE~~
- Cables DC:
 - ~~The high voltage test with water will be done this afternoon, after water circulation. DONE~~
 - ~~On rack RYMCA04: cable inversion from position 1.1 to 1.2. DONE~~
- Power converters:
 - Ripples on power converter RQT12.R5B1. Still under investigation. Not a problem of loose connection.
- Energy extraction:
 - Functional test without current on 13 kA: some problem of cabling.
 - ~~Concerning water conductivity in DQS, due to the highly impure water contained in the circuit at the reception, it is agreed that the insulation test will be done after some days of water circulation in the future. Test has been re-performed successfully.~~
- AOB:
 - ~~Fire detection: some supports were dismantled and need to be re-fixed. DONE~~

Open Issues

23.11	Ripples in RQT12R5B1 power converter.
22.11	Full power ventilation test in RR57 – Friday 8 th Dec. 8:30-12:00
22.11	Fire detection – awaiting certification

Heat Runs and Test Schedule

06.12	8-h heat run (not before wk 49)
07.12	Polarity Test
08.12	Full power ventilation tests
11.12	10am: 24-h heat run

- 12.12 UPS test.
- 13.12 Electric cut (AUG simulation).
- 14.12 13kA energy extraction test.

Closed Issues

13.11	Calibration rack connection	20.11
13.11	Elettas test. Done	20.11
13.11	Elettas Installation. Done	15.11
13.11	Detailed schedule SCT. Ready.	15.11
13.11	Fire Detection in the area. Ok.	15.11
13.11	13kA EE shielding.	16.11
13.11	High Voltage tests with and without water RR57	22.11
19.11	Eletta tests RR57	22.11
13.11	Balisage	22.11
22.11	Wi-Fi damaged cable has to be repaired	27.11
13.11	Ventilation in UJ56	27.11
22.11	DQS acousting shielding and cabling	27.11
23.11	Cables inversion on rack RYMCA04	29.11
20.11	Problem with water conductivity in DQS	29.11
13.11	DC cables high voltage test	29.11
13.11	Test de circulation ED (waiting UJ56)	29.11



Dry-Run in UA83 and RR77

CV informs that operations in UA83 needed for the Powering Procedure Test (dry-run) have already been started (some flexibles have to be connected and filters checked). It is important to know that water can circulate in the area apart the water-cooled cables, where operations are on going.



Proposal of Short Circuit test inversion between RR73/UJ76 and UA67/UJ67

The inversion of the point is confirmed. Test will start on second week of January (first working week!).



**Next RAT meeting,
Friday December 1
8:30 in point 5, room 3595/R-013.**

Mirko