

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

October 27, 2006, 8:30 in SX6

Present: Pal Anderssen, Juan Blanco, Loic Bourgeois, Sandor Feher, Noel Fournier, Julien Kis, Robin Lauckner, Jean-Pierre Malod-Dognin, Iván Moya, David Nisbet, Sebastien Pelletier, Rudiger Schmidt, Ronaldus Suykerbuyk, Jeff Thomsen, Jacques Toullieux, Antonio Vergara.

SCT in UA63

New Issues

- The interlock tests for the 13kA circuits started after correction of the energy extraction cabling. So far RQF and RB have been completed but RQD was powered only up to 2.5kA due to a problem with the resistance of on connector ($23\mu\Omega$ instead of the usual $0.6\mu\Omega$). A correction will be carried out by FLOHE this morning and the tests be completed today (27.10).
- During this morning, all the power converters except the 13kA will be powered to nominal current for doing calibration tests. Meanwhile and in parallel to this activity the polarity tests started yesterday will continue.
- Today from 15:00h the preparation tests for the 8-hour run from CCC will be done. The 8-hour run sequence will be tested and debugged.
- Polarity tests: Iván informs that one third of the cables are already tested and labelled the rest will be done between this morning and next Tuesday (31.10).
- AUG Test: Gerard informs by phone that the test will not be possible together with the 24-hour heat run on Thursday due to problems with cryogenics works. He proposes to do it on Friday after 18:00h (03.10). Since such schedule may be a problem for some teams, Antonio proposes to do it the following week, on Monday if possible (06.10) from 18:00h. HCC will coordinate this.
- UPS Test: Juan Gómez will be contacted by Antonio in order to check when can the manufacturer of the UPS come to make the test.

Open Issues

09.10 Ventilation caps on the cable ducts between UA and RA.

- 12.10 Alarm *debit de fuite*. Under study.
- 23.10 Wrong spin of the DQR fan.
- 09.10 Endurance tests of EE. Waiting date from IC
- 25.10 Intervention on the ROESE station – Loic will ask some expert to pass by and repair it.
- 25.10 Schemes from CV – HCO will provide them
- 25.10 Check of all the water filters – Loic will take care of it and try to get them cleaned before 24-hour run

Heat Runs and Test Schedule

- 24.10 8-h heat run: All converters except 13 kA – To be repeated
- 30.10 8-h heat run: All converters
- 01.11 24-h heat run – Starting from 10:00

Closed Issues

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| 05.10 | Fire detection installed. | 05.10 |
| 05.10 | Short circuit parts in UA63. | 10.10 |
| 09.10 | Cleaning of the area. | 10.10 |
| 09.10 | “Tableau BT” tested. Conformity certificates ok. | 10.10 |
| 09.10 | Detailed schedule SCT in UA63 available. | 10.10 |
| 09.10 | Wifi operational. | 10.10 |
| 09.10 | “Balisage” of the UA63 in place. | 11.10 |
| 09.10 | Worldfip operational. Gateway operational. | 11.10 |
| 10.10 | Installation of the FGC completed. | 10.10 |
| 09.10 | EE, “test isolement” on the QF and QD. Done. | 13.10 |
| 09.10 | Water leakage on the RQF to be verified. Done. | 13.10 |
| 09.10 | ED water circuits balancing. Done. | 13.10 |
| 09.10 | Few modules 120 and 600A to be installed. Done. | 13.10 |
| 09.10 | Flashing boxes and “baches” for the short circuit parts. | 13.10 |
| 17.10 | PIC installation done. | 17.10 |
| 09.10 | Elettas calibration. Done. | 19.10 |
| 20.10 | Verification of I_0 . | 20.10 |
| 16.10 | Correction of cabling EE | 17.10 |
| 16.10 | PIC installation | 17.10 |
| 16.10 | Check of the elettas. Done. | 23.10 |
| 23.10 | Three Wi-Fi access points are operating | 23.10 |
| 19.10 | ABPO tests 600A with EE | 24.10 |
| | RQi converters tested | 25.10 |



Next RAT meeting

Monday October 30, 8:30 in CCC

Antonio Vergara