

HARDWARE COMMISSIONING COORDINATION

November 15, 2006, 8:30 in point 5

Present: Luc Borcier, Knud Dahlerup-Petersen, Claude Dehavay, Julien Kis, Sandrine Le Naour, Franck Moro, Jean-Pierre Malod-Dognin, David Nisbet, Mirko Pojer, Rosario Principe, Jacques Toullieux.

**SCT in RR57 and UJ56**

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**Present situation**

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➤ Cables DC:

- All the cooled cables have been installed in RR57. The high voltage test took place on Monday night, Nov 13, and was successful. By tonight the short circuit parts will be installed in this area.
- On the other hand, none of the four cables in UJ56 have been installed. In this building the installation work of Flohe will probably start on Monday, Nov 20, to be finished by Monday night! Schedule to be confirmed by EL. Urgent.

NB: the contractor, Flohe, has one single representative in this area for this task at the moment. ABPO points out the sensibility of the schedule.

- The 3 remaining elettas have been installed. Cabling ongoing.

➤ Cabling AC:

- ~~Installations ready to be operated. Certificates of conformity received. Test completed by today, Mon Nov 13. Done.~~
- DQS acoustic shielding: installation of the shielding ongoing, it should be completed by Wed Nov 15 (in the evening). Cabling will follow (3 days, ready by Mon Nov 20).

➤ Cooling and ventilation:

- CV has started the connexion of the flexible hoses in RR57. Work planned to be finished by Thursday Nov 16.
- The cooled cables will be tested with water on Monday morning, Nov 20. They will be then connected on the PCs the same day.
- Ventilation ducts in UJ56 ongoing. Completion by Wed Nov 15. To be confirmed by CV.
- Calibration rack connexions, this week, before Fri Nov 17.

➤ WorldFip installation:

- The WorldFip cabling ready in the area, the validation of the segments has started on Tue Nov 14 as foreseen. Three main errors have been pointed out: 2 on the PO line, 1 on the QPS. The three faults will be corrected by EL and ABCO, by Friday morning, Nov 17.
- ~~NB: the 600A boucles are ready. The 13kA will be checked before the end of the week by EE. Moved to Tue Nov 14. Done.~~
- Balisage and cleaning of the area (urgent, Jean-Pierre + TSIC).
- Fire detection active in UJ and RR57. Ok.
- Wifi: verification of the wifi system ongoing in UJ56 and RR57 (Pal).
- Energy extraction:
  - ROESE station: DQR connexion done. The filling procedure of the station has been particularly difficult. Demineralised water off several time (“debit de fuite”).
  - Warning: the 600A EE racks protections will not be removed until the installation activity is not completed (drilling, etc.).
- Power Converters
  - All the modules will be delivered this week.
  - “Mise sous tension” to be scheduled. ABPO proposes Tue Nov 21 (in principle ok for EL, to be confirmed by Luc, depending from the status of the shielding). PC tests starting on Wed Nov 22.

### Heat Runs and Test Schedule

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06.12	8-h heat run
07.12	Polarity tests
11.12	24-h heat run + UPS
13.12	Electric cut (AUG simulation)

### Open Issues

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13.11	DC cables high voltage test. Done in RR57, not in UJ.
13.11	Ventilation in UJ56.
13.11	Test de circulation ED.
13.11	13kA EE shielding.

### Closed Issues

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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

**Next RAT meeting,  
Friday November 17, 8:30  
NB: in point 6 (SX6), room 2685/1-002.**

Rosario