

HARDWARE COMMISSIONING COORDINATION

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NEXT RAT meeting
Thursday 15.03
8:30 in CCC
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March 13, 2007, 8:30 in CCC

Present: Pal Anderssen, Boris Bellesia, Knud Dahlerup-Petersen, Claude Dehavay, Hubert Gaillard, Magali Gruwe, Baptiste Lebeau, David Nisbet, Blanca Perea Solano, Laurette Ponce, Matteo Solfaroli, Jacques Toullieux.

SCT in UJ33

- AC:
 - Yesterday (12.03) - *mis sous tension* of all the systems in UJ33.
- DC cables:
 - Temperature sensors positioning in the ducts for the heat runs. This activity should take place either this week or early next week before the powering of some Power Converters starts. Slot from 20 to 28th March should be avoided. Baptiste has to checked with the contractor's availability.
 - Re-cabling of the DQS zone (see EE paragraph)
- Power converters:
 - All the power converters were *mis sous tension* yesterday. Small problems appeared, which were sorted out on the spot. Today they will be still working in control aspects.
 - Tomorrow first set of circuits will be powered – 600A No EE – DFBL:

RPMBA.UJ33.RQS.R3B1	RYMCA08
RPMBA.UJ33.RQTL7.R3B2	RYMCA09
RPMBA.UJ33.RQTL7.R3B1	RYMCA09
RPMBA.UJ33.RQTL8.R3B2	RYMCA10
RPMBA.UJ33.RQTL8.R3B1	RYMCA10
RPMBA.UJ33.RQTL10.R3B2	RYMCA11
RPMBA.UJ33.RQTL10.R3B1	RYMCA11
RPMBA.UJ33.RQTL11.R3B2	RYMCA12
RPMBA.UJ33.RQTL11.R3B1	RYMCA12
RPMBA.UJ33.RQT12.R3B2	RYMCA13
RPMBA.UJ33.RQT12.R3B1	RYMCA13
RPMBA.UJ33.RQT13.R3B2	RYMCA14
RPMBA.UJ33.RQT13.R3B1	RYMCA14

- PIC and CCC:
 - Alejandro confirmed that everything is fine for the PIC: the racks (CYCIP01=UJ33 and CYCIP02=UJ33) have been powered and the IP address verified by Pal.
- Cooling and Ventilation:
 - Yesterday (12.03) PC water cooling circuit in operation.
- WIFI: -
- WorldFIP:
 - One optic fiber not working properly and this affects one of the three PC segments. Claude informed by email that the link has been tested today (13.03) between 12h and 14h: the problem was due to a bad connector. It has been fixed and everything is ready for the powering of the converters of tomorrow (14.03).
 - QPS segments still remain to be validated.
 - EE systems should be ready. Knud tests it *au fur et a mesure* they test. After Claude needs to go through for final verification.
- Energy Extraction:
 - Lem protection in place
 - 600A EE IST: on going the second set (DFBAE).
 - Knud requested to re-fix the cables of the 13kA EE System in RA38. Batiste confirmed later that the contractor will start Monday 19th March. The works should last for 4 days. The cabling of the system in RA32 are ok – no further interventions needed.
 - The functional tests of the 13kA EE System have been carried out up to 90% and the grounding of the systems is finished. The electromagnetic interferences with other systems will remain an incognita.
- Balisage:
 - If there are requests during this week, they should be addressed to HC field engineers, since J-P. Malod-Dognin is on holiday.
- Installation:
 - The installation team (Huber) will attend the first RAT meeting every week to inform about the activities:
 - Warm magnets are being transported and placed in the tunnel during this week (w11).
 - Works on the DSL line (leak tests & connection)
 - Next week (Friday 23.03): DFBL installation in UJ33
 - Installation of the ventilation door in UJ33 should be carried w13. To be confirmed by Hubert.

- AOB:
 - Machine Profile for the heat runs:
 - Jean-Claude will provide a machine profile for the UJ33 done by Massimo Giovannozzi time ago. Discussion will follow.

Open Issues

13.03	WorldFip QPS segments to be validated
13.03	Re-fixing of the cables of the 13kA EE System in RA38
13.03	Temperature sensors positioning in the ducts for the heat runs
08.03	13kA water cooled cables
08.03	Definition of the powering strategy for the heat runs

Closed Issues

08.03	Powering of the PIC racks (CYCIP01 - CYCIP02)	13.03
08.03	PIC system IP address verification	13.03
08.03	Grounding missing (DQR, DJRB box, Roese Station)	13.03
08.03	Missing cable: link between Roese Station and CCC	13.03
08.03	Cable 48 wires to be replaced on the DJPC	13.03

Boris/Blanca/Matteo



Open Issues SCT in RR73 and UJ76

01.03	Leakage in the two water cooled cables in RR73 (Baptiste)
01.03	Disconnections of the cables from the EE in RR73 (Baptiste)
01.03	AU unexpected during 24hr run. TS-EL investigating
22.02	Polarity tests do not include the warm magnets cables
22.02	Verification of the EE water cooled cables of the odd points
22.02	Wrong filter position in the PC cooling circuits
08.02	Temporary WIFI cable to be replaced by TS/EL – IT/DI

Open Issues SCT in UA67 and UJ67

13.02	Report on the AUG-
12.02	PM generated but stacked in local
12.02	Few labels missing for cables identification
05.02	Little ducts between UA and RA not closed during the 24hr
02.02	RSF2.A67B1 and RSF2.A67B2 PIC cables to extend
02.02	NC opening on the bad connection of the "plages" on the 6kA racks
08.01	EE fan rotation problem – all ring