

RAT Réunion Avancement Travaux **Point2 - UA27**

HARDWARE COMMISSIONING COORDINATION



NEXT RAT meeting
Thursday 31.05
8:30 in ALICE - SX2 - 6619



May 29, 2007, 8:30 in **CCC**

Present: Ray Anthony, Boris Bellesia, Knud Dahlerup-Petersen, Ludovic Charnay, Ivan Romera, Jacques Toullieux.

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- 8hr heat run will start **ON GONIG**.
 - Alignment of the **DFBAD** – HCM - Tomorrow 30.05
 - IT-CS (Olaf Van der Vossen) provided two mobile WiFi stations to improve locally the network

Short Circuit Tests in UA27

- AC:
 - ~~Problem on RQX calibration will be fixed during the morning (25.05) DONE~~
- DC cables:
 - ~~PIC cables on RQ4-10 will be checked today (25.05) and possibly repaired. **DONE by AB-CO**~~
 - ~~Conic junction of the water cooled cables of the circuits RQF/D will be re-done today by Flohe (too high resistance — see PC paragraph), DONE~~
 - Conic junction to be re-tested on Wednesday 30.05
- Power converters:
 - Water cooled cables of RB will re-connected Today 29.05 – Interlok test tomorrow morning 30.05.
 - Interlock tests on RQF/D were not completed due to a high resistance of the conic junction of the water cooled cables. Interlock test will be repeated on Wednesday (30.05).
 - RX circuits powering test on going.
- PIC and CCC:
 - PIC cables:

- Still to be fixed (bad pinning) on RCBCH7.B2 – RQS.A23 – RSF1.B2
 - PIC cables without connector RCBXV2.R2 – PC side / RD1.R2 – QPS side.
 - Interface test on RB-RQF-RQD Tomorrow 30.05
 - Interface test of the circuits belonging to XR2 to be done on Friday 01.06.
- Cooling and Ventilation: -
- WIFI: -
- WorldFIP: -
- Energy Extraction Interlock test :
- 13kA: DONE for RB - Interlock test to be repeated on 30.05 for RQD-F (AB-PO/AT-MEL/AB-CO)
- 600A: problems on electronic cards of the 600A EE. They have been re-programmed and re-installed this morning 29.05.

Balisage: -

- AOB:
- Roess will be at CERN on w21-25 to fix the problem encountered in different zone and to finalize the installation in RR17. Water must be available during these periods – No water-cut are foreseen during this period.
 - Jacques reminds that in Point 4 (from RE42-RE48) the AC electrical distribution in the tunnel will be provided by the “general services – 18kV” between the 14.05 and the 01.06.
 - Jacques informed that TS-EL have to perform a test on the electrical departures EBD in UA27 – 67 and 47. Regarding the test in UA27 they will be included in the AUG test after the 24hr heat run – 08.06.

Maria Paz and Boris for the HCC



Open Issues SCT in UA27

22.05 PIC cable on

Closed Issues

22.05 RX circuits still to be done – Problem of AC distribution
 22.05 PIC cables of IPQ (Q4-Q10) to be repaired
 22.05 **Pressure test in SX2 on 24.05**

25.04 The Roess station has been filled up but it was not possible to follow the procedure. Knud is waiting for the supplier enterprise to come and check this and the other stations.



SCT in UJ33

- 13kA EE:
 - The 01.06 the IST with a portable PC (1400A) will be performed in RA37 and RA34. Water must be circulated 3 days before the tests.
- AC:
 - Lights at the level of the DFBAE installed.

Open Issues SCT in UJ33

20.04 Re-routing of the DC cables.
20.04 24hr heat run NOT PASSED – to be repeated
20.04 13kA in RA34 and 37 will be done on Friday 01.06

Open Issues SCT in RR73 and UJ76

08.02 Temporary WIFI cable to be replaced by TS/EL – IT/DI

Open Issues SCT in UA67 and UJ67

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 – **ON GOING**