

RAT Réunion Avancement Travaux **Point2 - UA23-UJ23**
HARDWARE COMMISSIONING COORDINATION



NEXT RAT meeting UA23-UJ23
Tuesday 26.06
8:30 in ALICE meeting room - SX2 - 6619



June 21-06-2007, 8:30 in **ALICE meeting room - SX2 - 6619**

Present: Maria Paz Casas Lino, Hubert Gaillard, Davis Nisbet, Jacques Toullieux

Short Circuit Tests in UA23

- **AC (TS-EL):**
Technical Inspection done.
"Mises sous tension" done.

- **DC (TS-EL):**
 - **Cooled Cables (TS-EL):**

Isolation test finished.
Connections to the PC completed for all the circuits with exception of RQD, RQF and RB.
TS/EL will connect the cables to RQD and RQF before next Monday 25th June.

 - **Non Cooled Cables (TS-EL):**

- **Cooling and Ventilation (TS-CV):**
Ready.
First filters cleaning done.

- **Control cables (TS-EL):**
Done.

○ **Contrôle (AB-CO):**

- World Fip:
 - Ready for QPS
 - All the segments ready for PO since yesterday 19th June:
 - Segment A UA23 (Pit side).
 - Segment B UA23 towards UJ23.
 - Segment C UA23 towards UJ23.

○ **PIC (AB-PO):**

Pic interface tests have been split in three days.
The scaffold blocking the rack of RQ6 has been removed on Tuesday 19th June.

○ **Energy extraction (AT-MEL):**

- 13 kA IST:
The beginning of the IST has not been possible yet.
Efforts are put in sector 7-8.
The list of non conformities given to TS/EL will be fixed by next Monday 25th June.
- 600 A IST:
Done.
- 600 A – EE interlock test: It will not begin before next week.

A possible delay in the planning has been announced for 13kA system due to reduction of resources in summer and due to the efforts put on sector 7-8.

○ **WIFI (IT-CS):**

○ **Convertisseurs (AB-PO):**

An interruption in the planning from week 29 to week 31 has been announced by AB/PO. It means a delay of three weeks. The SCT UA23 planning has been adjusted to this request and is waiting for an official answer from planning.

- powering of 120 A circuits is almost completed.

○ **Systeme MKI (AB-BT):**

Connection tests done.

○ **Co-activities:**

- An intervention of CV on the DQS is foreseen for next Friday 22nd June.

- Installation works for the MKI in the UA23 will be done during the SCT period. Emmanuel Paulat has given his agreement to Hubert but pointing out that the MKI team doing the work must remain in his area.
- The tests for the MKI will begin after the SCT, therefore it is not possible to investigate the interferences of the MKI power converters (pulsed) to the superconducting magnets power converters in the area.

Boris and Maria Paz for the HCC



Open Issues SCT in UA27

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|-------|--|
| 19.06 | Due to the burnt out of the transfo EMT6/0627 and the high temperatures registered during the UA27 heat run, it has been decided to repeat the 24h heat run. Waiting for AC input to know when the transfo will be ready. |
| 14.06 | The possibility of repeating the AUG-UPS test is open. It is requested a real AUG-UPS test in which the water circulation is not prevented to be cut. The reason is that the water circulation cut triggers the opening of the switches in the 13kA EE system. |
| 06.06 | Electrical departures EBD in UA27 – 67 and 47 to be tested by TA-EL (Jacques agrees with Knud the best moment) |
| 04.06 | ROX.R2 has been powered with a PIC by-pass / PC side. – interlock test postponed to PIC1 test. |

Closed Issues

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|-------|--|
| 04.06 | Water Fault on RQTF.A23B1 / B2 |
| 22.05 | PIC cable of RX circuits |
| 31.05 | Too high resistance of the conic junction of the RB |
| 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 18.06 the IST with a portable PC (1400A) was performed in RA34. The test in RA37 will be done as soon as the converter is ready. Waiting for PO input. Water must be circulated 3 days before the tests.

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

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**