



NEXT RAT meeting UA23-UJ23
Monday 2.07
8:30 in ALICE meeting room - SX2 - 6619



June 27-06-2007, 8:30 in **ALICE meeting room - SX2 - 6619**

Present: Boris Bellesia, Alejandro Castaneda, Ivan Romera, Jacques Toullieux

Short Circuit Tests in UA23

- **AC (TS-EL): -**
- **DC (TS-EL):**
 - **Cooled Cables (TS-EL):**
Connections to the PC completed for all the circuits with exception of RQD, RQF and RB.
 - **Non Cooled Cables (TS-EL):**
Two signal cables of the 600A LEMs to be replaced because too short. The replacement will not affect the SCT. The work will be done for next Monday
1 Eletta cable to be replaced.
Intervention on control cables of the 13kA EE done today (27.06)
- **Cooling and Ventilation (TS-CV):**
 - Eletta calibration done yesterday 25.06
- **Control cables (TS-EL): -**
- **Contrôle (AB-CO): -**
- **PIC (AB-CO): -**
- **Energy extraction (AT-MEL):**
 - 13 kA IST:
It has started this week and it is foreseen to be completed by next Monday 2nd July.

The list of non conformities given to TS/EL were partially fixed today morning 28th June (Connectors). Tomorrow before 10:00 the rest will be fixed.

- 600 A IST: Part without current completed. With current ongoing today using test cards..
- 600 A – EE interlock test: Ongoing today using test cards. The definitive cards have to be reprogrammed before the heat run.
- 600A EE: systems released for powering test:
 - o RQTD.A12B1
 - o RQTF.A12B1
 - o RCS.A12B1
 - o RCD.A12B1
 - o RCS.A12B2
 - o RCD.A12B2
- o **WIFI (IT-CS): -**
- o **Convertisseurs (AB-PO):**
 - powering of 120 A and 600A NOEE circuits completed
 - IST on the 6kA PCs on going
 - 4-8 kA circuits going on.
 - Inner Triplet circuits will start next week
 - If the circuits 600A EE are not ready in time for the foreseen It has been requested to postpone the 8h heat run for the circuits 4-8kA (preferable before week 29).

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.

- o **Système MKI (AB-BT):**
 - Connection tests done.
- o **Co-activities:**
 - A foreseen intervention of CV at point 2, stopped the water circulation until 11:00, today 28th 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.
 - An intervention from TS/EL in the racks VY, GY et TY in parallel with the powering tests have agreeded with safety (Emmanuel P.):
"Uniquement pour de la connectique et par du personnel habilité H0B0. Prévoir protections auditives pour les intervenants. A vérifier cependant par TS/EL que les racks

équipés et sous tension n'ont pas de connecteurs nus accessibles. Ceux que nous avons vus avec Baptiste ne posaient pas de problème."

Boris and Maria Paz for the HCC



Open Issues SCT in UA27

- 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.
- 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 RQX.R2 has been powered with a PIC by-pass / PC side. – interlock test postponed to PIC1 test.

Closed Issues

- 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: JUNCTION TEST: performed in R37 side – still to be performed in R34 – The mobile 1400A converter had a fould during the test Knud require the presence of Hugues to restar the converter safely.

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**