

RAT Réunion Avancement Travaux **RR17/UA23-UA27/UJ33**
HARDWARE COMMISSIONING COORDINATION

◆ ◆ ◆
NEXT RAT meeting
Monday 29.07 at 14:00
Point 1 – Bld. 3190-R-002



July 26-07-2007 8:30 in **Point 1 – Bld. 3190-R-002**

Present: Boris Bellesia, Alex Castaneda, Knud Dahlerup-Petersen, David Nisbet

Heat runs general schedule:

UA23: 6th August: 9:00-17:00 – **8hr heat run**

UA27-UA23: 9th August 17:00 – 10th August 17:00 – **24hr heat run**

RR17-UJ16: 15th August: 9:00-17:00 – **8hr heat run**

RR17-UJ16: 20th August 17:00 – 21th August 17:00 – **24hr heat run**

Short Circuit Tests in RR17-UJ16

- **AC (TS-EL):**
 - « Mise sous tension » done on 23.07
- **DC (TS-EL):**
 - STILL Eletta cable connector on the DQS side is missing
 - Possible PIC cable of the inner triplet circuit too short – to be verified
 - Problem on the circuits of the rack RYLC01 in UJ16 : Normally in these rack only the position 1.1 should be used. In this case also in the position 1.2 cables are attached. Verification with TS-EL is needed.
- **Cooling and Ventilation (TS-CV):**
 - Filter cleaning and Eletta regulation on Friday 20th
 - A leak of the cooling water circuit of the rack RYMCO1 was found yesterday. A “bouchon” will be used in order to power the PCs on the same line. / same problem in the cooling water circuit in RR17. Frank has already fix it – 2 days of stop are needed – Monday circuits released.
 - Problem on the water circuit of the inner triplet converters. Frank will be in place tomorrow morning (27.07)
- **PIC (AB-CO):**
 - PIC interface tests of the 27.07 are moved to the 30.07
- **Energy extraction (AT-MEL):**
 - 13 kA IST: started 23.07; will end tomorrow 27.07.
 - 600 A IST: DONE
- **WIFI (IT-CS): -**

- **Convertisseurs (AB-PO):**
 - FGC configuration on the PCs in UJ16 DONE
 - FGC in RR17 will be done Today 24.07
 - Today Powering of the 120A
 - List of the Power Converters that can be tested this week and on Wednesday next week available in attach.
- **Co-activities:**
 - Interconnection works between the two modules of the DFBAB to be carried out during this week and 1.5 day during the next one. Safety (John E. – TS/HDO) did not allowed any work in the proximity of the DFBA if any of the cable is powered. HCC will provide to AB-PO the list of the PCs that can be powered during the interconnection works. A new planning of the tests divided with respect the DFBs concerned is attached.

Open Issues SCT in RR17-UJ16

- | | |
|-------|-----------------------------------------------------------------------------------|
| 21.07 | cabling of the rack RYLC01 in UJ16 – TS-EL |
| 23.07 | Connector missing of the ELETTA cable – DQS side – TS-EL |
| 23.07 | Leak in the water cooling circuit of the rack RYLC01 - TS-CV |
| 25.07 | Leak in the water cooling circuit of the racks of the 600A in RR17 - TS-CV |
| 26.07 | Problem on the water circuit of the inner triplet converters – TS-CV |

Maria Paz/Boris



Short Circuit Tests in UA23 – UA27

- **AC (TS-EL):**
 - All the departures in the two zones are condemned.
 - Transformer in UA27 has been sent to the builder premises. Tomorrow will be inspected.
- **Cooling and Ventilation (TS-CV):**
 - Air distribution modification DONE in both zones
- **PIC (AB-CO):**
 - PIC cable to extended; cable number: 1205472
- **Energy extraction (AT-MEL):**
- **WIFI (IT-CS): -**
- **Convertisseurs (AB-PO):**
 - W30: IST of RB converter will be finished on W31
- **Système MKI (AB-BT):-**

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 transformer 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.



Open Issues SCT in UJ33

- 20.07 The cables of the converter RPMBB.UJ33.RSS.A23B1 are close to the current leads of the circuit RSS.A23B2 and vice versa. During next week TS-EL will invert the two circuits at the PC side. The cabloteque will be modified.

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**