

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



NEXT RAT meeting
Thursday 02.08 at 11:00
Point 1 – Bld. 3190-R-002



July 30-07-2007 14:00 in **Point 1 – Bld. 3190-R-002**

Present: Boris Bellesia, Maria Paz Casas, Alex Castaneda, Knud Dahlerup-Petersen, Remy Grimand, Jacques Toullieux

Heat runs general schedule:

UJ33: 2nd August - **Local Emergency Stop (AU Local)**

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): -**
- **DC (TS-EL): -**
- **Cooling and Ventilation (TS-CV):**
 - Eletta regulation of the RR17 will be performed this week.
 - Problem on the water circuit of the 6kA converters in RR17. The beginning of the reparation intervention is scheduled for tomorrow afternoon (31.07); the needed time for the intervention will be estimated tomorrow – at least 1.5 days. The intervention implies water cut for the whole RR17.
- **PIC (AB-CO):**
 - PIC interface tests will be carried out tomorrow (31.07) morning before the cut of the water by TS-CV.
- **Energy extraction (AT-MEL):**
 - minor problem with a temperature probe of the 13 kA EE sys
- **WIFI (IT-CS): -**
- **Convertisseurs (AB-PO):**
 - Powering test of the 600A with EE DONE
 - Powering test of the 600A with NOEE - ONGOING
 - FGC in RR17 will be done after the installation of the modules.
- **Co-activities:**
 - **On Thursday morning AU test in UJ33./ test in RR17 will be stopped for half day.**
 - 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

30.07 Minor prob. with a temp. prob of 13kA EE sys – **AT-MEL**
21.07 cabling of the rack RYLC01 in UJ16 – **TS-EL**
26.07 Problem on the water circuit of the 6kA converters in RR17 – **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):**
 - IST of RB converter ONGOING
- **Système MKI (AB-BT):-**
- **Balisage: Q7 before Monday!**

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

30.07 AUG test to be performed. The test will be done without current in the DC cables – No safety issues.

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**