

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

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NEXT RAT meeting
Friday 20.07 at 8:30
In CCC



July 18-07-2007 8:30 in **Bld 30-06-041**

Present: Boris Bellesia, Carols Fernandez, Hubert Gaillard, Remy Grimand,
David Nisbet, Ivan Romera, Sylvain Weisz

Heat runs general schedule:

UJ33: 19th July 17:00 – 20th July 17:00 – **24hr heat run**

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: 14th August: 9:00-17:00 – **8hr heat run**

RR17-UJ16: 17th August 17:00 – 18th August 17:00 – **24hr heat run**

UJ33: 24hr heat run

- **AC (TS-EL): -**
 - Reception of the modified system due to the re-cabling
 - All departures checked and de-condemned
- **DC (TS-EL):**
 - Re-cabling of the UJ33 finished this morning.
 - All the cables in SC
- **Cooling and Ventilation (TS-CV):**
 - Temperature probes positioned at different level in the UJ33
- **PIC (AB-CO):**
 - PLC functionality verification ok
- **Energy extraction (AT-MEL):**
 - 13 kA IST: To be verified the conic junction in the system in the R34
 - 600 A EE sys status: checked today, minor problems found and resolved.
- **WIFI (IT-CS): -**
- **Converters (AB-PO):**
 - Reception of the re-cabling: earth problem on RSS.A23B1. To be verified tomorrow morning at 9:00.
- **Co-activities:**
 - During the heat run the work on the "lire" of the DSL will be stopped (E. Paulat)

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 started in UA27 in Racks RYM area / possibly it will be finished by tomorrow 19.07.
 - Modification in UA23 will start on tomorrow 19.07
- **PIC (AB-CO):**
 - PIC cable to extended; cable number: 1205472
- **Energy extraction (AT-MEL):**
- **WIFI (IT-CS): -**
- **Convertisseurs (AB-PO):**
 - On W30 IST of RB converter will be finished
- **Système MKI (AB-BT):-**

Short Circuit Tests in RR17-UJ16

- **AC (TS-EL):**
 - Deconsignation of the electrical departures of the two areas will be done Friday 20th with AB-PO
- **DC (TS-EL):**
 - **Cooled Cables (TS-EL):** Connected and tested W28
 - **Power Cables (TS-EL):** Connected W28
- **Cooling and Ventilation (TS-CV):**
 - Filter cleaning and Eletta regulation on Friday 20th
- **Control cables (TS-EL): -**
- **Contrôle (AB-CO): -**
- **PIC (AB-CO): -**
- **Energy extraction (AT-MEL):**
 - 13 kA IST: starting from Monday 23rd
 - 600 A IST: starting from Monday 23rd
- **WIFI (IT-CS): -**
- **Convertisseurs (AB-PO):**
 - From Monday 23rd: FGC configuration
 - 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.
- **Co-activities:**
 - Up to this Friday 20th TS-EL has a cabling campaign ongoing. The "mise sous tension" of Friday has been agreed with Baptiste L.: No current in the DC cables up to next week.



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.

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**