

RAT Réunion Avancement Travaux **SCT** in **UJ33**

HARDWARE COMMISSIONING COORDINATION

◆ ◆ ◆
NEXT RAT meeting
Wednesday 4.04
8:30 in CCC
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April 2nd, 2007, 8:30 in CCC

Present: Boris Bellesia, Carlos Castillo, Knud Dahlerup-Petersen, Claude Dehavay, Hubert Gaillard, Remy Grimand, Ivan Romera, Jean-Pierre Malod-Dognin, David Nisbet, Laurette Ponce

SCT in UJ33

➤ HEAT RUNS:

- **Maintenance of the water-cooling circuits coming from Point 2** providing water also to the cooling circuits of the power converters in UJ33 was planned to be performed between 02.04 (today) and the 20.04. This manipulation was not taken into account during the planning of the SCT in UJ33.
- The maintenance caused the **stop of the tests** and was irreversible: it will be not possible recuperate the cooling power until the end of the intervention.
- The test has been rescheduled in agreement with TS-CV (Serge Deleval). The priority will be given to the work in SX2 (the primary circuit) in order that the **water in UJ33 will be available the 16.04.**
- **The heat runs will be performed during week 16:**
 - ◆ two 8hr heat runs: 16.04 – 17.04
 - ◆ 24hr heat run: 19.04
- This will have a **minor impact on SCT schedule** (w16 will is still a week included in the SCT period):
 - ◆ AUG-UPS tests should be rescheduled for week 17.
 - ◆ 13kA Energy Extraction system will be tested the w16 and w17
- **More detailed information must be provided** in future in order to avoid this kind of interference.

- AC: -
- DC cables:
 - the 13kA water cooled cables will be available from week 16th in the right part and from week 17th in the left one. Knud pointed out that it means a delay of 2 or 3 weeks.
- Power converters:
 - Polarity check are going to continue today (30.03)
- PIC and CCC:
 - ~~Interface test will be performed by the PIC team on Tuesday (26-27.03)~~ DONE
 - During PIC test two minor problems have been encountered and already fixed.
 - CCC tests for the preparation to the heat run is going to be performed today (30.03) at 14.00.
- Cooling and Ventilation:
 - ~~Validation of the system will be performed tomorrow (27.03) and during the morning of the 28.03.~~ DONE
- WIFI:
 - For minor problems with WiFi Connection contact NETOPS service – 74927.
- WorldFIP:
 - ~~WorldFip cables which had to be corrected in the QPS racks have been validated.~~ DONE
- Energy Extraction:
 - Today 02.04 at about 17:00: electro-Magnetic compatibility test of the EE system. As agreed with Safety the tunnel at the level of R37 will be blocked during the test.
 - ~~Verification of the interface among QPS WorldFip and 600A EE systems today 26.03.~~ DONE
 - 13kA EE sys Interlock test will be performed after the 24hr run: Knud will provide a Converter of 1400A – Enough to test the conic junctions.
- Balisage: -
- Installation:
 - Installation of the ventilation door between the UJ33 and UP33 will be installed the 10.04.
 - Works on the DSL line (leak tests & connection)

Open Issues

02.04 8hr heat run cancelled: cooling water circuit of P2 maintenance
21.03 Mag. Interference test (13kA EE) - 02.04 – Access restriction
08.03 13kA water cooled cables to be installed in W16

Closed Issues

15.03	Connection of the 13kA switches to power	02.04
30.03	Low Wifi network signal in UJ33	02.04
08.03	Definition of the powering strategy for the heat runs	30.03
15.03	Too short WorldFip cables in 600A EE sys racks	21.03
13.03	Re-fixing of the cables of the 13kA EE System in RA38	19.03
13.03	Temperature sensors positioning for the heat runs	19.03
13.03	WorldFip QPS segments to be validated	15.03
08.03	Powering of the PIC racks (CYCIP01 - CYCIP02)	13.03
08.03	PIC system IP address verification	13.03
08.03	Grounding missing (DQR, DJRB box, Roese Station)	13.03
08.03	Missing cable: link between Roese Station and CCC	13.03
08.03	Cable 48 wires to be replaced on the DJPC	13.03

Boris/Blanca/Matteo



Open Issues SCT in RR73 and UJ76

~~01.03 Leakage in the two water cooled cables in RR73 (Baptiste)~~
~~01.03 Disconnections of the cables from the EE in RR73 (Baptiste)~~
~~01.03 AU unexpected during 24hr run. TS-EL investigating~~
~~22.02 Polarity tests do not include the warm magnets cables~~
~~22.02 Verification of the EE water cooled cables of the odd points~~
~~22.02 Wrong filter position in the PC cooling circuits~~
08.02 Temporary WIFI cable to be replaced by TS/EL – IT/DI

Open Issues SCT in UA67 and UJ67

~~13.02 Report on the AUG~~
~~12.02 PM generated but stacked in local~~
~~12.02 Few labels missing for cables identification~~
05.02 Little ducts between UA and RA not closed during the 24hr
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