

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

## HARDWARE COMMISSIONING COORDINATION

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**NEXT RAT meeting**  
**Monday 16.04**  
**8:30 in CCC**  
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**April 12<sup>nd</sup>, 2007, 8:30 in CCC**

Present: Boris Bellesia, Gert-Jan Coelingh, Alexandre Erokhin, Remy Grimand, Baptiste Lebeau, Florence Pirotte, Matteo Solfaroli.

### **SCT in UJ33**

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- HEAT RUNS:
  - **The heat runs will be performed during week 16:**
    - ◆ two 8hr heat runs: 16.04 – 17.04
    - ◆ 24hr heat run: 19.04
  - In attachment: the current of each PC in UJ33 in the 4 steps of the 8hr run.
- AC:
  - Measurements will be taken during the 8hr run both: during the morning and the afternoon after the changing of the plateau.
- DC cables:
  - During the 8hr run Baptiste will measure the cable temperature each 1/2hr.
  - The 13kA water cooled cables will be available from week 16th in the right part and from week 17th in the left one.
  - Minor problems with the temperature probe measurement software.
- Power converters: -
- PIC and CCC: -
- Cooling and Ventilation:
  - *From Kenneth Olesen: TS-CV confirmed that the ED circuit of the sector 2-3 will be normally operated the 16<sup>th</sup>-17<sup>th</sup> and the 19<sup>th</sup>.*
- WIFI: -

- WorldFIP: -
- Energy Extraction:
  - 13kA EE sys Interlock test will be performed after the 24hr run: Knud will provide a Converter of 1400A.
  - These test will be performed on Monday 21<sup>st</sup> of May as agreed between Jean-Claude, Knud, TS-IC-PL, and TS-HDO.
- Balisage:
- Installation:
  - ~~Installation of the ventilation door between the UJ33 and UP33.~~ DONE – the Door must stay close during the heat runs.
  - Works on the DSL line (leak tests & connection)
  - Cabling campaign of TS-EL has been started this week – w14. (Cable junction during w16 where the heat runs are scheduled).

### Open Issues

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12.04	13kA interlock tests will be performed during w21.
02.04	8hr heat run cancelled: cooling water circuit of P2 maintenance
08.03	13kA water cooled cables to be installed in w16-17

### Closed Issues

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21.03	Mag. Interference test (13kA EE) - Access restriction	04.04
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 for the Hardware Commissioning Coordination



### **Open Issues SCT in RR73 and UJ76**

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- 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**

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- 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~~