

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

February 28, 2007, 8:30 in CCC

Present: Boris Bellesia, Jean-Pierre Malod-Dognin, Fabio Follin, David Nisbet, Luis Perera, Mirko Pojer, Jacques Toullieux.

PREPARATION SCT in RR73 and UJ76

24hr HEAT RUN ON GOING

- AC:
 - Today (28.02) Damien Ribeyrol will perform the AC distribution power measurement during the 24hr run at I_{ult}. Tomorrow morning (01.03) at I_{nom}.
 - AUG-UPS test will be performed on Friday (02.03) afternoon starting from 15:00 when the switches tests will end.
- DC cables:
 - Recording of the temperature of the power cables during the 24hr run
 - Baptiste will connect 4 PC of 600A to the water cooled cables of the 13kA EE switches on Friday (02.03) morning.
- Power converters:
 - All PC in RR73 and UJ76 involved in the 24hr heat run.
 - For Friday (02.03) Emmanuel or David will power the PC for 13kA EE switches tests.
- PIC and CCC: -
- Cooling and Ventilation: -
- WIFI: -
- WorldFIP: -
- Energy Extraction:
 - 13kA EE switches tests: on Friday (01.03) morning starting after the power cable connection to the 13kA EE water cooled cables: a run of 4hr will be sufficient.
- Balisage:
 - Jean-Pierre will remove the "balisage" on Monday (05.03)
- ACCESS Information:

- Access free to UJ76 and RR73/ Access to the LSSR7 and RR77 ONLY with LHCCOOL CARD.

➤ AOB:

- Knud reports that in Point 3 the cabling (J.C. Guillaume) and the electrical supply (S. Brown) of the DQS and DQR are not yet finished. This could cause delays in the SCT planning.
- *A meeting chaired by TS-IC will take place on Friday 02.03 in Bld 112-4-C17 to make the point of UJ33 area preparation for the SCT.*
- In RR53 the cables of the EE must be inversed.

Open Issues

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



Heat Runs and Test Schedule

07.02	Water circuit filters cleaning in RR73
12.02	ERD1 powering, FGCs configuration and first tests in RR73
13.02	120A (RR73) powering tests
14.02	600A (RR73) powering tests
14.02	Full power ventilation test
15.02	600A-EE interlock and powering tests
15.02	600A-EE interlock tests
20.02	600A (UJ76) powering tests
21.02	Water circuit filters cleaning in UJ76
22.02	Polarity test
23.02	8h heat run in RR73 and UJ76
26.02	Water circuit filters cleaning in RR73/UJ76
27.02	CCC test for 24h run
28.02	24h heat run test
28.02	Electrical services-I_nom-I_max
28.02	EE-QPS test at I_max
01.03	AUG&UPS.

Closed Issues

08.02	13kA-2000 mm ² -water cooled cables reversed	23.02
14.02	Eletta in RR73 must be repositioned	23.02
16.02	Water flow in UJ76 affected the PPT. STOPPED.	20.02
16.02	WiFi not available in UJ76.	20.02
14.02	AB-PO software updating on 600A conv.	20.02
14.02	2 control cables of the DQS too short	19.02
12.02	LEM reversed: cables to be tightened	16.02
08.02	Fire detection system completed. Reception to be done	16.02

**NEXT RAT meeting
Thursday 01.03
8:30 in CCC**

Boris&Mirko

24 hours heat run in RR73 and UJ76 – Contact people

Hardware commissioning coordination:

Boris Bellesia	162483
Mirko Pojer	162482

Power converters:

Responsable AB/PO:	David Nisbet	164223
(en cas de absence)	Hugues Thiesen	164205

For AB/PO – in the tunnel:

Journée 8:00-17:00 heures:	Emmanuel Garde	164035
Journée 17:00 -20:00 heures:	Vincent Barbet	165148
Nuit 20:00–02:00 heures:	Alain Chauphy	162955
Nuit 02:00-8:00 heures:	Halil Oruc	165193
Journée 8:00-17:00 heures:	Emmanuel Garde	164035

Il est à noter que le GSM 162333 est transmis d'une équipe PO à une autre. Ce numéro permet de joindre à tout moment l'équipe PO en place.

Energy extraction system:

Knud Dahlerup-Petersen	163279
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DC cables:

Journée 8:00a 17:00 heures:	B.Lebeau	160913
Journée 17:00-20:00 heures:	S. Pelletier	164734
Nuit 20:00-02:00 heures:	S.Boutte	163390
Nuit 02.00-08.00 heures:	F. Tarita	164828

CCC operators: CCC mobile: 165385

28/02 Morning: Fabio Follin
28/02 Afternoon: Markus Albert
28/02-29/02 Night: Lasse Normann
29/02 Morning: Fabio Follin

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