

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

March 01, 2007, 8:30 in CCC

Present: Boris Bellesia, Knud Dahlerup-Petersen, Claude Dehavay, Delphine Jacquet Jean-Pierre Malod-Dognin, David Nisbet, Louis Pereira, Ronaldus Suykerbuyk, Jacques Toullieux.

PREPARATION SCT in UJ33

- *A meeting chaired by TS-IC will take place on Friday 02.03 at 9:00 in Bld 112-4-C17 to make the point of UJ33 area preparation for the SCT.*
- 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.
- In RR53 the cables of the EE must be inversed.
- CCC will host the RAT meeting of the UJ33 Short circuit test because of lack of a room in Point 3.3

NEXT RAT meeting
Tuesday 06.03
8:30 in CCC

SCT in RR73 and UJ76

- AC:
 - AC distribution power measurements during the 24hr run at I_{ult}. at I_{nom} regularly performed.
 - AUG-UPS test will be performed on Friday (02.03) afternoon when the switches tests will end.
- DC cables:
 - Baptiste will connect 4 PC of 600A to the water cooled cables of the 13kA EE switches Today (01.03).
- Power converters:
 - All PC in RR73 and UJ76 have been involved in the 24hr heat run.
 - Arund 11:30 a Arrete d'Uregence non-programmed triggered all the PC; the communication with the CCC was lost. The stop was due to an internal problem of one of the AC delivery box and. TS-EL in investigating which box triggered the power cut. CCC recuperated the communication with the PC in about 1.5hr, the converters were rumped again to I_{ult}.

- Aronud 12:30 RPMC.UJ76.RCBWH4.R7B2 tripped. Minor problem, PC again at I_ult after 15min.
 - 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)

Open Issues

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



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
01.03	Electrical services-I_nom-I_max
01.03	EE-QPS test at I_max
02.03	13kA EE tests.
02.03	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

Boris&Mirko



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	