

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

February 16, 2007, 8:30 at Point 7

Present: Boris Bellesia, Alejandro Castañeda, Jean-Pierre Malod-Dognin, David Nisbet, Mirko Pojer, Jacques Toullieux

PREPARATION SCT in RR73 and UJ76

- ACCESS Information:
 - Access free to UJ76 and RR73.
 - Access to the LSSR7 and RR77 ONLY with LHCCOOL CARD.
- AC: -
- DC cables
 - UJ76 cabling: finished for Today (16.02).
- Power converters:
 - On 600A converters a software update must be implemented
 - Today (16.02) "mise sus tension" UJ76
 - The 600A modules will be put in place on Today (14.02) morning and ready to be test in the afternoon.
 - 600A with EE will be powered on Monday (19.02) – compatibility with Powering Procedure Tests to be verified on Monday.
- PIC and CCC:
- Cooling and Ventilation:
 - ~~Today (14.02): Full power ventilation test.~~ DONE
 - Today (14.02): Elettas calibration in collaboration with TS/EL.
 - Friday (16.02): 2nd water cooling circuit filter check – UJ76. – STOPPED due to interference with PPT from CCC. To be re-started on Monday.
- WIFI:
 - The WIFI connection in UJ76 will be available by Monday morning (19.01)
- WorldFIP:
 - Due to access restrictions from point 6 to the working area, delays have been accumulated; schedule:

- QPS segments: ready Friday 9 at 12:00 AM. Connections for system qualification already in place. Qualification to be done by Friday (16.02) to start the test on Monday (19.02).
- Energy Extraction:
 - 600A EE IST on going, ready for next week – Monday (19.02)
 - Eletta in RR73 is obstructing the opening of a valve of the water circuit. Eletta must be repositioned. (Action TS-CV, Frank advised)
 - Two controller cables of the DQS must be replaced because too short. (Action TS-EL today – 16.02)
 - The 2 13kA-2000 mm²-water cooled cables have been discovered inverted. A re-positioning has to be done by TS/EL. (Action TS-EL, Baptiste advised)
- Fire detection:
 - ~~System working; the reception is planned for this morning~~ DONE.
- Cleaning: ~~today (02.02) in RR73~~; Friday (19.02) in UJ76
- AOB:
 - It has been decided to perform the 8hr run of both zones RR73 and UJ76 at the same time on Friday 23.02.
 - Impossible the co-activity with PPT test performed from CCC. Water circulation in UJ76 has been stopped because it was causing spurious faults during the tests. This could delay the SCT in Point 7 of 2 days.
 - ODH installation in UJ76 has been checked, while the one in RR73 will continue in the next days (transparent for the other activities).

Open Issues

16.02	WiFi not available in UJ76.
16.02	water flow in UJ76 affected the PPT. STOPPED.
14.02	AB-PO software updating on 600A conv.
14.02	2 control cables of the DQS too short
14.02	Eletta in RR73 must be repositioned
08.02	Temporary WIFI cable to be replaced by TS/EL
08.02	13kA-2000 mm ² -water cooled cables reversed in the tunnel



Heat Runs and Test Schedule

07.02	Water circuit filters cleaning in RR73
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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
23.02	8h heat run in RR73 and UJ76
26.02	PIC interface test
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-Inom-Imax
01.03	EE-QPS test at Imax
01.03	AUG&UPS.
05.03	Polarity test

Closed Issues

12.02	LEM reversed: cables to be tightened	16.02
08.02	Fire detection system completed. Reception to be done	16.02

Tuesday February 20
RAT meeting
8:30 at Point 7

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 on the 6kA racks
08.01	EE fan rotation problem – all ring