

RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

February 22, 2007, 8:30 in CCC

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:
 - During 8hr run thermo-verification of the cable connection of PC-power cables
- Power converters:
 - ~~600A with EE powering~~. DONE
 - 600A converters in UJ76 to be finished today (22.02)
 - Problem during the tests of the PC in UJ76 due to water circuit faults
 - Non-conformity discovered in the water cooling circuits: the filter is positioned at the exit of the PC. PC are not protected. Opening of a NC. Mirko will inform TS-CV
 - Polarity checks will be performed today (22.02) only in RR73.
 - Polarity checks do not include warm-magnets circuits. To be included in the procedure?
- PIC and CCC:
 - CCC: Preparation of the 8hr run – Sequencer preparation and verification of the SET of the DAY.
- Cooling and Ventilation:
 - ~~Today afternoon (20.02) water circulation in UJ76~~. DONE
 - Eletta position to be changed to allow the water circuit valve opening.
- WIFI:
 - ~~The WIFI connection in UJ76 will be available by Monday morning (19.01)~~. DONE
 - A definitive WiFi Connection in RR73 will be installed in the next months
- WorldFIP: -
- Energy Extraction:

- ~~13kA EE IST accumulated few days of delay due to the too short monitoring cables~~ DONE
- Hardware problem on one of the 13kA switches (broken piece). Probably due to transport. Solved by substituting the piece.
- ~~Thursday the Temperature sensors of the EE will be installed~~ DONE
- General positioning problem of the water cooled cables of the EE in odd points. A small report will be available in the next days.

➤ AOB:

- It has been decided to perform the 8hr run of both zones RR73 and UJ76 at the same time on Friday 23.02.
- TOMORROW 8hr HEAT RUN

Open Issues

22.02	Polarity tests do not include the warm-magnets cables
22.02	EE water cooled cables of the odd points
22.02	Wrong filter position in the PC cooling circuits
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
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	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
28.02	Electrical services-I _{nom} -I _{max}
28.02	EE-QPS test at I _{max}
01.03	AUG&UPS.

Closed Issues

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

Feb. Friday 22
RAT meeting
9:00 in CCC

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