

HARDWARE COMMISSIONING COORDINATION

February 26, 2007, 8:30 in Point 7

**PREPARATION SCT in RR73 and UJ76**

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- AC:
  - AUG-UPS test could be advanced on Friday (02.03) afternoon if compatibility with other operation in other sectors allows it. Jacques will report on this.
- DC cables:
  - During 8hr of Friday (23.02) the temperature of the power cables does not exceed the 76 deg in the RR. Low temperature in the UJ76 – no higher that 40deg.
- Power converters:
  - During 8hr the current of all converters was lowered from I<sub>ult</sub> to I<sub>nom</sub> around 11:00 because the power cable temperature was increasing to a fault of the ventilation.
  - At 11:30 the ventilation was reestablished
  - At 13:30 all the converters at I<sub>ult</sub>. again. The test was completed at 16:30.
- PIC and CCC:
  - Tomorrow (27.02) in CCC: preparation for 24hr run (Wednesday 28.02)
- Cooling and Ventilation:
  - During 8hr run: the ventilation was switched off: the system was shut-down via the Local Switch in the UJ76 by someone. Mirko reported that F. Josa complained about these kind of non-allowed manipulation which occurred already 3 times during the SCT in UJ76 and RR73. The ventilation was again operational at 11:30 after the intervention of CV in situ.
  - Today (26.02): filter cleaning in preparation of the 24hr heat run.
  - Today (26.02): repositioning of the filter in the water circuit of the UJ76.
- WIFI: -
- WorldFIP: -
- Energy Extraction:
  - During 8hr run: the temperatures recorded in the 600A switches racks were very good, 10 deg less with respect of the normal measurements in RR (around 20 deg).

- 6hr run of the 13kA EE:
  - ◆ On Thursday (01.03) afternoon, after the 24hr run, 4 PC will be connected to the 13kA EE water cooled cables.
  - ◆ The 6hr run can start on Friday (02.03) morning.
- 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:
  - EE endurance tests in UA67 are going to begin this morning, they will last 4 weeks.
  - 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.
  - On Friday (02.03) a meeting chaired by TS-IC will take place to make the point of UJ33 area preparation for the SCT.
  - In RR53 the cables of the EE must be inversed.

## Open Issues

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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

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07.02	<del>Water circuit filters cleaning in RR73</del>
12.02	<del>ERD1 powering, FGCs configuration and first tests in RR73</del>
13.02	<del>120A (RR73) powering tests</del>
14.02	<del>600A (RR73) powering tests</del>
14.02	<del>Full power ventilation test</del>
15.02	<del>600A-EE interlock and powering tests</del>
15.02	<del>600A-EE interlock tests</del>
20.02	<del>600A (UJ76) powering tests</del>
21.02	<del>Water circuit filters cleaning in UJ76</del>
22.02	<del>Polarity test</del>
23.02	<del>8h heat run in RR73 and UJ76</del>
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 <sub>nom</sub> -I <sub>max</sub>
28.02	EE-QPS test at I <sub>max</sub>
01.03	AUG&UPS.

## Closed Issues

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08.02	13kA-2000 mm <sup>2</sup> -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

**Feb. Wednesday 26**  
**RAT meeting**  
**8:30 in CCC**

**Boris&Mirko**

## Open Issues SCT in UA67 and UJ67

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13.02	<del>Report on the AUG-</del>	
12.02	<del>PM generated but stacked in local</del>	
12.02	Few labels missing for cables identification	
05.02	Little ducts between UA and RA not closed during the 24hr	
02.02	<del>RSF2-A67B1 and RSF2-A67B2 PIC cables to extend</del>	
02.02	NC opening on the bad connection of the "plages" on the 6kA racks	
08.01	EE fan rotation problem – all ring	