HARDWARE COMMISSIONING COORDINATION

NEXT RAT meeting
Monday 03.09 at 08:30 in Point 2 – Alice Conf. Room

August 28-08-2007 14:00 in in Point 1 – Bld. 3190-R-002

Present: Esther Barbero, Boris Bellesia, Maria Paz Casas Lino, Alejandro Castaneda, Knud Dahlerup-Petersen, David Nisbet, Ivan Romera, Jacques Toullieux.

All teams involved in the SCT are invited to prepare a list of open issues sorted by underground areas to be followed if not reported in the list below.

General schedule:
UA27: 4th September 9:00 – 5th September 9:00 24hr heat run
UA23-UA27: 5th September 9:30 AUG

Open Issues RR17-UJ16

- DC (TS-EL): - Interlock cables for DC_CABLE_WATER are inversed in the circuit RQ10, RQ8 and RQ6 in RR17. A date for the intervention is still to be fixed.

- EE sys: - Minor prob. with a temp. prob of 13kA EE sys – AT-MEL

- Co-activities: - The squeezing test in RQ10 is to take place on Wednesday 29.08 from 11:30 to 13:00. During this time it has been agreed with installation that no activities will take place close to the HCM of the DFBAB. Done

Open Issues UA23

- AC (TS-EL): - Works on the transformer in UA27 as foreseen. It is expected to have the transformer ready for at the end of week 35.

- Cooling and Ventilation (TS-CV): - Demineralized water temperature during the heat run was lower than usual.

- Convertisseurs (AB-PQ): -
- The squeezing test in UA27 will take place either during the heat run or just after the AUG the 5th September.

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**Open Issues UA27**

- **AC (TS-EL):**
  - 19.06 Due to the burnt out of the transfo EMT6/0627 and the high temperatures registered during the UA27 heat run, it has been decided to repeat the 24h heat run.
  - 06.06 Electrical departures EBD in UA27 – 67 and 47 to be tested by TS-EL (Jacques agrees with Knud the best moment)
  - 04.06 RQX.R2 has been powered with a PIC by-pass / PC side.
  - interlock test postponed to PIC1 test.

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**Open Issues UJ33**

04.08 13kA: bad DC cabling of the water cooled cables in R37! **(TS-EL).** The correction will be done in the DFB side to avoid repeating the tests. Waiting for a date of intervention from Baptiste.

04.08 No fixed AC connection for the DQR racks – cables disconnected from the net to free the plug for other activities in the tunnel – not acceptable. **(TS-EL)** Jack will take care of the problem.

04.08 In two EE racks of 600A electronic filter to be changed – **TS/EL** will remove the cable to let **AT/MEL** replace the filters on w38

20.07 The DC cables of the converter RPMBB.UJ33.RSS.A23B1 are closed to the current leads of the circuit RSS.A23B2 and vice versa. TS-EL will invert the two circuits at the PC side on w38.

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**PIC general view: Open Issues**

- **UA67**
  - 1605210 & 1605211: these cables do not reach the converter and have to be extended at the power converter side. (RSF2.A67B1 and RSF2.A67B2)

- **UA87** (not recently verified - maybe the corrections are already done)
  - Cable number: 1809776
    - Cable Description: CIPCM.R8#C-PC.RCBYHS5.R8B1+B2
      +VS5.R8B1+B2
    - Location 1: CYCIP02=UA87
    - Location 2: RYLB03=UA87
    - Remarks: Isolation damaged at cable end, connector to be re-done
  - Cable number: 1821114
    - Cable Description: CIPCA.R8#B2-DQQDG.(RQ8+RQ9).R8B1&B2
      - Location 1: CYCIP03=UA87
      - Location 2: DYPG08=UA87
    - Remarks: Wrong connector. Should be a 12 pin-connector instead of a 8 pin-connector
- RR13  (not recently verified - maybe the corrections are already done)
  - Cable number: 1106240
    Cable Description: CIPCA.L1#B2-PC.RQ8.L1B1&RQ8.L1B2
    Location 1: CYCIP01=RR13
    Location 2: RQ8.L1B1=RR13
    Remarks: Wrong connector. Should be a 12 pin-connector instead of a 8 pin-connector
  - 1118453 & 1118454: Missing profibus connector. Place 90 degrees connectors at the UJ14 side and straight connectors at the RR13.

**TS-CV general view: Open Issues**
- UA63-UA67 / UA43-UA47 / UA83-UA87
  - Ventilation duct modification in agreement with AT-MEL for a better ventilation of the 600A EE rack.