RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

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NEXT RAT meeting
Tuesday 13.03
8:30 in CCC
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March 08, 2007, 8:30 in CCC

Present: Boris Bellesia, Knud Dahlerup-Petersen, Claude Dehavay, Baptiste Lebeau, Jean-Pierre Malod-Dognin, David Nisbet, Ivan Romera, Jacques Toullieux.

SCT in UJ33

- AC:
  - Mise a la terre in DQS zone (RA38 – see EE sys paragraph)
  - PIC rack powering (UJ33 – see PIC -CCC paragraph)
- DC cables:
  - No news about the 13kA water cooled cables
  - Cabling and connection in DQS zone (RA38 – see EE sys paragraph)
- Power converters:
  - All FGC and Power modules are installed.
  - Ok from the AC distribution
  - “Mise sous tension” on Monday (12.03)
  - Due to the WorldFip schedule it has been decided to start the IST of the PC on Wednesday (14.03) – No modification to the planning for the moment.
- PIC and CCC:
  - CCC: Robin informed that they need a CCC checkout before the 8 hour run. Changes have been made to the FGC software that may have some impact.
  - PIC:
    - None of our racks (CYCIP01=UJ33 and CYCIP02=UJ33) have been powered. (action Jacque). Apparently the racks were powered yesterday afternoon (07.03)!
• An outlet number (0704 / 01 / 02 / 03 / 04) has been already assigned for the Ethernet connection. But netops still don’t recognize these outlets. (Action: Pal will check the IP address)

➢ Cooling and Ventilation: -

➢ WIFI:
  ▪ Cabling of the UJ33 is finished
  ▪ Verification of the IP address of the systems

➢ WorldFIP:
  ▪ Cabling:
    • AB-PO segment finished and qualified
    • QPS segment: a cable was missing – Calude team installed it in UJ33. Today (08.03) installation will end, then the qualification of the segment will start. Validation can be finished for tomorrow (09.03)
  ▪ Gateway:
    • Installation is going to end today (08.03).
    • Test to be performed before the system delivery (foreseen for Tuesday afternoon – 13.03): charging of the gateways, verification “in situ” and remote.

➢ Energy Extraction:
  ▪ Yesterday (07.03) the functional tests of the 13kA could not be performed due to different problems:
    • Grounding missing on the 3 DQR, DJRB box, Roese Station (action TS-EL: Jacque informed that Serge will ground the equipment, the work has high priority level)
    • Missing cable: link between Roese Station and CCC (action Baptiste – TS-EL)
    • Cable 48 wires to be replaced on the DJPC (action Baptiste – TS-EL)
  ▪ 600A EE systems: first set is being tested – no problems.

➢ Balisage:
  ▪ A chain and two flashing lights will be put in place in front of the first sets of converters which will be powered on Monday.

➢ AOB:
  ▪ Safety advices: the rapport done by Emmanuel Paulat is attached to the minutes
  ▪ Installation:
    • Tomorrow (09.03) installation of the DFBM in RA32.
    • Tomorrow (09.03) DFBL Maquette passage in UP33
    • Friday 16.03 DFBL installation in UJ33
Open Issues

08.03  13kA water cooled cables
08.03  powering of the PIC racks (CYCIP01=UJ33 and CYCIP02=UJ33)
08.03  PIC system IP address verifcaiton
08.03  Grounding missing on the 3 DQR, DJRB box, Roese Station
08.03  Missing cable: link between Roese Station and CCC
08.03  Cable 48 wires to be replaced on the DJPC
08.03  Definition of the powering strategy of the 24hr heat run

Boris

Open Issues SCT in RR73 and UJ76

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

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