

## **RAT** Réunion Avancement Travaux

### HARDWARE COMMISSIONING COORDINATION

December 21, 2006, 8:30 at Point 6

Present: Boris Bellesia, Knud Dahlerup-Petersen, Claude Dehavay, Julien Kis, Jean-Pierre Malod-Dognin, David Nisbet, Mirko Pojer, Roberto Saban, Jacques Toullieux.

### **SCT in UA67 and UJ67**

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- Safety:
  - Electrical installation has been validated by SC-SG.
  - The fire detection system has been approved by SC-GS.
  
- AC cabling: following the installation reception, the 'mise sous tension' has been started.
  - ERD rack: 'mise sous tension' will be done on the 8<sup>th</sup> Jan. - first day of the SCT.
  - EOD rack: 'mise sous tension' this afternoon.
  
- DC cables:
  - The HV test ok.
  - Aluminum panels to close the ducts UA/tunnel are being installed.
  
- Power converters:
  - PC modules have been completely installed.
  - PC alimentation has been completed, but the "mise sous tension" is foreseen for beginning of next year.
  
- Cooling and Ventilation:
  - The installation of the flexible hoses completed.
  - The Elettas calibration: alarm setting and flux adjusting ok.
  - The ventilation station commissioning: water and air flux ok!

- WIFI:
  - Operational.
  
- WorldFIP:
  - TS/EL Cabling completed.
  - Claude is activating the connection, ready for the 8<sup>th</sup> Jan.
  - QPS segment has been completed and R. Denz can start the connection on his racks.
  
- Energy Extraction:
  - Self cleaning by Knud of the DQS rooms.
  - HV Insulation test of the DQS poles, today.
  - The light installation and the equi-potential connection on DQS have been completed.
  - Roese will test the cooling station for DQR on Jan, 8.
  - An electrical protection IP2 installed on LEMs.
  
- Cleaning:
  - On going – to be finished today.
  
- AOB:
  - EE Fan rotation to be verified

## Open Issues

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21.12	EE Fan rotation to be verified
21.12	Aluminum panel for the cables ducts
21.12	HV Insulation test of the DQS poles
18.12	ERD rack powering
18.12	EOD rack powering
18.12	PC powering
18.12	Elettas calibration
18.12	Ventilation station
18.12	Cooling station test by Roese

## Closed Issues

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18.12	Cleaning of the areas	21.12
18.12	Water circulation	21.12
18.12	HV test with circulating water	21.12
18.12	Water-cooled cables supports	21.12
18.12	WorldFip cabling for PO	21.12
18.12	CYNET01 and CYNET02 powering	21.12
18.12	Connection of cable extremities on DQS	21.12
18.12	Electrical protection IP2 on LEMs	21.12



## SCT in UJ56 and RR57

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## Open Issues – UJ56 - RR57

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01.12	Short cables on 13 kA EE to be changed later on (temporary solution in place)
07.12	Access key to electrical distribution room in UJ56



**Next RAT meeting,  
Monday January 8  
14:00 at Point 6.**

Boris