

UA43 Dry-Run RAT Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION

29 September 2006 9:00 – CCC

Present: Alejandro Castañeda, François Chevrier, Reiner Denz, Robert Harrison, Robin Lauckner, Félix Rodríguez-Mateos, Antonio Vergara

Progress of the UA43 Dry-Run

- Summary of the last activities by François:
 - On Wednesday (09.27) the following tests were carried out in a B1 circuit:
 - PIC1 (non post-mortem data sent). Duration: 9.5 min
 - PIC2 (with post-mortem data sent). Duration: 10.5 min
 - PIC1 in two B1 circuits in the same PIC in parallel. Successfully. Same time than for a single circuit.
 - The tests can be considered a success. The small difference between the tests with and without the post-mortem is due to the fact that, even when non post-mortem data is sent, the sequencer has to wait 2 minutes for the complete charge of the energy extraction capacitors, and the data buffer sending takes only around 3 minutes.
 - We can conclude that post-mortem data will be also sent during PIC1, making the two sequences (PIC1 and PIC2) exactly identical from the Sequencer point of view.
 - Reiner reminds that the tests have been done without the analysis of the PM data. This should add something like a minute to the whole length of each test. This is still acceptable from a time-basis point of view.

- Herve has asked one full day from Tuesday (10.03) to implement and test the QPS_OK with PIC together with an upgrade of the PIC-PVSS software. It is decided that it can be done on Tuesday in parallel with other activities (see schedule below).

- Antonio will try to arrange an UPS failure and AUG test for next Monday (10.02).

- Félix informs that the next dry-run will be carried out in UA83 and not in UA63 as predicted. This will allow us to have all the hardware available and make a very last test of all the procedures before going ahead with the sector powering tests. Antonio will check the most suitable date with Esther.

- Reiner reports that the hardware needed for B2 and A type circuits has already arrived. Next week these will be available for continuing with the tests. Antonio remarks that this will be our last week in UA43 and non extension will be possible.

Test Schedule

Week 40 (10.02 – 10.06)

- Monday (10.02):
 - AUG and UPS tests
 - PLI1 and PNO (if possible) for B1 circuits
- Tuesday (10.03):
 - B2 circuit software tests
 - QPS_OK to PIC implementation and test
 - Upgrade of the PIC-PVSS
- Wednesday (10.04):
 - Validation of test procedures for B2 circuit
- Thursday (10.05)
 - A circuit software tests
- Friday (10.06)
 - Validation of test procedures for A circuit
 - End of tests: removal of safety panels



Next Dry-Run RAT in CCC: Monday 2nd at 9:00

Antonio Vergara