

RAT in P4 - *Status of Sector 45* - Preparation of Cool-Down

HARDWARE COMMISSIONING COORDINATION - WEEK 47

19th November 2007, CCC

Present: A. Ballarino, B. Bellesia, O. Brunner, D. Calegari, A. Castaneda, N. Catalan, S. Claudet, K. Dahlerup-Petersen, A. Macpherson, P. Maesen, R. Mollay, A. Perin, A. Rijllart, I. Romera, R. Saban, M. Solfaroli, A. Suraci, M. Zerlauth.

Next meeting: Tuesday 20th in CCC, 8:30

General news:

W47:Wednesday 21th: RP course, D. Forkel-Wirth

W47:Thursday 22th: RF Interlocked zone closure - still to be discussed

RP training course for Cryo + RF + HCC - (Doris F.):

- Doris will give a short RP introduction in POINT 4 (2485 2-001 SX4) to aware people about the safety aspect put in place for the RF tests, two sessions (Max 20p each):
 - Wednesday (21/11/07) at 10:00;
 - Wednesday (21/11/07) at 14:00
- *Lists of people are expected to be provided to Doris F. by the concerned team coordinators by the end of the week - Priority will be given to RF and Cryo teams.*

Cooldown and Preparation for Powering

Cryo (S. Claudet) + DFBs Commissioning (A. Perin):

- Cooldown ongoing (3K average in the arc)- for the MR4 4.5K operations conditions reached at noon.
 - DFBMs cooldown ongoing:
 - DFBMG released for EIQA - LHe level under the limit of 20mm, ok for EIQA but for powering? (MPP)
 - DFBML: on standby 3, tomorrow 20th will be release for EIQA.
 - DFBMK: on standby3 / D3 have problems on a level sensor (*action G. Fernandez.Penacoba*).
 - DFBA: cooldown ongoing: thermal screen being cooled.
 - DFBL not started / magnets ~80K, foreseen for Wednesday 21st
 - RF: 100kW heater commissioned. Filling started.

DFBs:

- Clamp Installation/galvanic insulation (R. Mompò): Done, all DBFs
- 13kA Water cooled cable swapping in RR53 (TS-EL): DONE
- Possible definitive cable connection of the DFBMG tomorrow 20th. (Action Ph. Denis)

DFB cryo instrumentation cables (A. Suraci):

- Tests on DFBAs ongoing
- ~~Break-down during HV test of a DFBAH cable: ACR will solve it next week. DONE~~
- ~~Intervention on RF liquid sensor calibration ongoing. DONE~~

ELQA system setup (V. Chreyre):

- ELQA started on DFBMG - Q6 circuit: tomorrow 20th first HV test
- Consignation issues; ELQA/cable connection: shall we maintain the same consignation valid for both interventions?

QPS (R. Denz) - EE (Knud): ready for IST

- Wednesday 21st Q6 available for IST.

PIC (A. Castaneda, I. Romera, M. Zerlauth):

- Interface test performed on the converters in RR53: ok / minors problems encountered. TS-CV tomorrow will control the balancing of the waters circuits.
- UA47: Interface tests will be done just before the PCC.

Power Converters (D. Nisbet):

- Setup of RB converter ongoing - the consignation of the PC has been changed to a DC cable consignation with same effects and timing.

Sequencer test (M. Zerlauth)

- The test will be performed on the converter in the UA83. PC terminal short circuited.
- On Friday reset of the CCC applications: not available for the day. No impact for the preparation of the Powering tests.
- Sequence for RB to be test as soon as possible in the UA47.
- *Frank Moro: Water cut in P8 on Thursday 22nd.*
- *Sequencer course for hcc and op teams possibly during the week.*

Installation activities:

- BGI installation in 4R from Monday 12th - on going - AT-VAC
- Bake-out, jackets installation in 5L in the collimator proximities: finished - tomorrow jacket removal - AT-VAC.
- Door installation for the Access system in the Arc45: whole W47 in the arc - TS-CSE.
- Magnets smoothing in the arc. TS-SU

Point4: Access and zone definitions:

- UX45 will be declared as a supervised radiation area (<3 μ Sv/hr)
- UA43-UA47-US45-UW45 will be defined as non designed zones. (<=0.5 μ Sv/hr)
- LSSL4/R4 not accessible during RF test: interlocked zones.

- Network of reference people during RF tests: RP (Isabelle B.), RF (Pierre M.), Cryo (Udo W.-Jean-Paul L.), HCC (Boris B. Matteo S.).

Open Issues sector45

19.11.07 D3 level sensor not working
 12.11.07 LEM installation on RU.R4 circuit

Closed Issues sector45

12.11.07 Few problem on Current leads heaters
 08.10.07 EE water cooled cables swapped on DFBAI.
 14.11.07 Wrong cryo Cable routing on DFBLD
 14.11.07 Break down during HV test of a cryo instr. cable - reparation on going by ACR (Suraci)
 12.11.07 NC on the cabling of the undulator (num 851156). TS-EL
 12.11.07 Cable connection ongoing/DFBs cooldown...
 07.11.07 Water leak in a water cooled cable of RQ6

PIQUET numbers:

HCC: 165234

CCC: 77600

MPP: 162266

Cryo:

RF:

RP: Request outside normal working hours via the fire brigade :74848.

Normal working hours

Week 48	Gerald Dumont	164858
Week 49	Isabel Brunner	164401
Week 50	Adeline Hess	165108
Week 51	Yvon Algoet	160499
Week 52	Valerie Tromel	160637
Week 01	Christophe Tromel	163199