

25 April 2007 08:30 in 2889-R-009

Present: AB/CO: A. Castaneda, M. Koratzinos, R. Schmidt,
M. Zerlauth, V. Baggiolini
AB/PO: H. Thiesen, V. Montabonnet, Y. Thurel
AB/OP: R. Suykerbuyk
AT/MEL: D. Bozzini, B. Flora, V. Chareyre, G. Kirby,
K.H. Mess
AT/MTM: A. Siemko, S. Sanfilippo
AT/MCS: G. de Rijk
AT/ACR: R. Rabehl, F. Millet
TS/HDO: R. Saban, B. Perea, A. Vergara, M. Pojer
LHC/TC: P. Proudlock

Sector 78

- F. Millet: All magnets are now below 2K. The cryo team were applauded for this achievement.
- CRYO_START software signal: not ready yet. For this week, a verbal CRYO_START is mandatory. R. Saban requested to have the signal for the beginning of next week.
- M. Zerlauth mentioned that the 60A correctors have no PIC connection, so the interlock with CRYO_START and CRYO_MAINTAIN should be done in a different way. He will present a proposal soon. R. Saban asked to have this signal as soon as possible.
- DFB progress: All DFBA's have condensation even when the temperature at the bottom of the leads 90-100K. R. Rabehl will liaise with D. Bozzini and the EIQA team working in the vicinity to arrange for a workaround (aluminium to improve heat conduction in the chimney) to be tried.
- During the EIQA tests some of the magnet temperature sensor readings are lost. This is an issue that needs to be understood and, if possible, fixed. Some investigation of the problem will be done today during the (continuing) EIQA tests.
- Powering tests continued yesterday. Four circuits have been tested for PNO1 (up to 30A). A number of minor problems with the sequencer have been corrected and some temporary fixes introduced. PNO2 (up to nominal current) will be ready to be tried for the first time this afternoon.
- The powering to nominal team requested that a list of circuits that passed EIQA be readily available. This information will be available on the twiki pages of the HCC web page

(<https://twiki.cern.ch/twiki/bin/view/HCC/BlogHccApr07?point=8>) .

- Next meeting Thursday, 26 April at 8:30 in 2889-R-009

M. Koratzinos

Open Hardware Commissioning Issues in SECTOR 78

REGION	ISSUE
SECTOR 78	
	QPS voltage tap problem in quadrupole 33R7 - Another tap will be used instead. Attention because the damaged tap might be floating on the conductor.
	Non-conformity of the crates of cryo instrumentation (inrush current) (A.Suraci)
	Securing of the ventilation units
	Four circuits in Q5 suffer a breakdown at around 450V due to a weak insulation. The four circuits are RCBCVS5.L8B1, RCBCHS5.L8B2, RCBCHS5.L8B1 and RCBCVS5.L8B2. Insulation towards ground and other circuits is OK.
	Continuity error in the instrumentation cable routing the voltage-taps of the DOC circuit RCBV22.L8B1 from the IFS interface box of the SSS in 22L8 to the PC rack RYLA.A22L8. https://edms.cern.ch/document/812304/1
	EI_QA performed on C16L8. ICC test showed reversed sequence of V-taps on circuit RCBV16.L8B1 (D.Bozzini) check
	BPM connection in Q2 (R.Jones) ? waiting for Inner Triplet to be repaired
	MB1055 magnet to be changed before powering above 2kA RB.A78
	Inner Triplet in Point 8 to be repaired
	Water leak on the tunnel concrete wall to be fixed (C33L8).

Closed hardware commissioning issues in sector 78 can be found at <http://hcc.web.cern.ch/hcc/activities/activities.php?region=S78>.