

28/04/2010

- Cryogenics conditions recovered by 16:00 (ahead of time)
 - Last patrol (point 2) completed by 17:50 (ahead of time)
 - Many thanks to the Technical Stop Coordination team and to all the teams involved in the Technical stop
 - Recovered ROD.A56 and two orbit correctors (RCBH19.L3B2 and RCBV19.L3B1) after cryo/DFB interventions
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28/04/2010

- Starting to reset all power converters to check absence of interlocks at ~18:00
- Access for Beam Dump kicker generator: 19:30 to 20:10
- 20:00 Active filter test in Sector 23 → the problem is not in the active filter → probably on the power converter → remain w/o active filter in Sector 23 for the time being
- Some problems in resetting some power converters → issue found with last PIC SW version (transparent update)....Fixed at 21:10
- 21:30 Tests of RQTF/D after the modification in the QPS SW for increasing the discrimination time → issues found in Sector 45 → Access required
- Some problems over night with some power converters (RBA78 and RQTD.A56B2) and with CMS input to BIC requiring access
- 06:00: finally start ramp for LBDS tracking → successful
- Presently pre-cycling the machine (a couple of trips observed during the pre-cycle being investigated)

28/04/2010

- Exp. Magnet polarities: ALICE: ++ / LHCb + (i.e. Same as before tech. Stop)
- ATLAS 0/0 - CMS 0

29/04/2010

Plan:

- Complete investigations on the RQTD.A45B1 and RSD2.A45B1
- Then inject
- Test of the tune feedback (~30 mins)
- Then go for a ramp to 3.5 TeV

29	TH	8:00	8	Restore beam parameters at injection - pilot - b1 + b2 - Dump pilot at 450 GeV - Ramp 3.5 TeV and Dump	Pending end of SPS MDs : Complete MSD qualification at 450 GeV and 3.5 TeV
29	TH	16:00	10	Injection and protection device setting up for high intensity - BPM qualification for high intensity	TL+inj ready for high intensity
29	FRI	2:00	6	Abort cleaning at 450 GeV	
30	FR	M	8	n1 measurements	
30	FR	A	8	Part 1 - Collimator setting up 450 GeV, 2e11/bunch in preparation of the ramp with coll.	
30	FR	N	8	IR6 aperture measurements	
1	SA	M	8	450 GeV high intensity "test runs" - 2x2 - I_bunch = 4e10 - 8e10 - 1e11	
1	SA	A	8	Part 2 - Collimator setting up 450 GeV, 2e11/bunch in preparation of the ramp with coll.	
1	SA	N	8	450 GeV high intensity physics - 2x2 - I_bunch >7e10 - STABLE BEAMS	
2	SU	M	8	Beta beat measurements in the ramp	
2	SU	A	8	Aperture measurements - 450 GeV - pilot	
2	SU	N	8	450 GeV high intensity physics - 2x2 - I_bunch > 7e10 - STABLE BEAMS	