BUSINESS SENSITIVE

Performance Risk Registry – Long Shutdown (Feb 2013)

Nr.	Risk* Statement (A risk event statement states what might happen in the future)	Plan/Steps for Mitigation (Include implementation dates for high impact actions)	Mitigated Risk High / Mod / Low
1	LSD budget will be significantly constrained and the Accelerator will not restart per the current schedule *PRIMARY RISK TO:* - *Machine Start Up*	✓ 6 month Continuing Resolution in place ✓ Prioritized ACC OPS funding for Cryo warmup issues ✓ Plan implemented for optimized electrical costs ✓ Lab staff shifted to address resource needs (vs. external spending) ✓ Sequential integrated scheduling, including items not normally associated with Downs but having an impact ✓ Identification and tracking of critical items in each milestone ✓ Resource alignment plan ✓ Regular status meetings with key personnel ✓ CASA / Ops Operational restart plan o Conduct Directors review of Restart Plan ✓ Re-baseline in June with updated information ✓ Lengthen the Long Shutdown depending on budget variables	High

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2	Recommissioning problems with 2K Coldbox #1, specifically cold compressors and associated controls, will cause unrecoverable schedule delays.
	
	PRIMARY RISK TO:
	   - *Machine Start Up*
		✓ EES support assigned to help with card repair and testing for quicker turn around.
		✓ SNS test stand used to repair and test cold compressor cards until JLab test stand is operational
		✓ Spare cold compressor control cards being sought from SNS as backup or way to advance recommissioning date for Coldbox #1
		• 2K Coldbox opportunistic commissioning when two CHL's are operationally available (on either LINAC)
		    o Delayed until CHL1 water system work is done
		• Possible to advance Coldbox commissioning if a 4 week interruption in CHL1 Cryomodule commissioning is tolerable & sufficient cold compressor controls are available.
			High