

RHIC DRY RUN PLAN April 9 - 13, 2001

Tasks for some systems

Sequencer:	Power Supplies:	Controls:	BPM & Orbit:
1. Tune Feed Back	Detail Check of all buildings	1. Post Mortem Tests	1. Post Mortem orbit check
2. Snap-Back correction	Snap shot check	2. ALARMS – reference-MADC, PS state control	2. Snake BPM's
3. Integration: all instruments – R. Michnoff	Bar-show	3.Data Analysis & retrieval (R. Lee)	3. 1024 turn data retrieval check
4. WFG manager and RAMP Manag.	PS -compare	4. Coordinated Data acquisition	4. Orbits through transition
5. Quad polarity check	One Gamma-t-power supplies	Quad Polarity Check:	Schottky Upgrade:
6. Beta-Squeeze	FEC reliability	Trim Quads check	Tune Display
7. RF parameters check	Communication Async?	IP quads check	Chromaticity
8. Stones tuning test	Ramping all week	Three bumps around quads	
Gamma –t SYSTEM:	Local Decoupling:	RF SYSTEM:	Abort System:
Four stepping stones Set delay modules and slopes	Check the specific skew quads settings&response	Commissioning of the storage system	Abort kicker follow the 100 GeV/n ramp
TEST the Whole system with on power supply	Compare experiment with existing triplet rolls		Permit trigger and post mortem check
Power supplies	Confirm the power supplies connections		

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Monday April 9	Tuesday April 10	Wednesday April 11	Thursday April 12	Friday April 13
Sequencer: Test old ramp and wfg manager. Test new lin-ramp and wfg manager Test new spline ramp and wfg	All buildings ramping with the BETA-SQUEEZE	Ramping all the time all buildings Checks: barshow, ps-compare, ps-all, snapshot, check FEC, timing, triggering	Local Decoupling Check	WFG test of fitting with SPLINE together with the ramp manager and sequencer
BPM: 1024 turn orbit	Sequencer: quad polarity check: Trim quads&IP quads with WFG	Closed Orbit acquisition @ stone with WFG manager	Software for Quench Recovery test	Transverse damper check
Tune Feedback Check quad bus from 2 o'clock building	Abort system and post mortem test	Schottky Monitor update	General Performance Logging	Data retrieval and savings (all instruments)
Ramp Main quad and dipole buses all the time	IPM,BMP,Tune meter, Orbit, wall C. Monitor, Loss Monitors	Abort and Permit Link check - with post mortem	GPM Display on the upper consoles	Coordinated data acquisition TEST with loss monitors
Loss Monitors low level test	Gamma-t system check with one power supply	Feed Forward Orbit along the ramp with WFG	RF storage cavities	Quench recovery program
Permit Link – Test corrections in the new Manager	Test Local Decoupling Model-Comparison	Tune feedback test in the 2 o'clock building	RF integration to the sequencer	BPM –s in the snakes, 1024 turns
Post Mortem Test ALARMS,MADC PS State Control Data Analysis and retrieval	General Performance logging, WFG	Gamma-t system check with one power supply 4 stones, delays	Loss monitor Low Level check and Introduction of the abort	PS current watch PS application code check, RTDL frames