

RHIC 250 GeV Polarized Proton 2009 Dry Run Plan

M. Bai

Date: January 12 – January 16

Time: 9 am to 5 pm daily

Location: MCR

4pm dry run daily meeting in LCR

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January 12, 2008

- ✚ Elog ready: Ila, T. Satogata
- ✚ RHIC timing: Michnoff, Marr
 - Beam synch
 - RHIC events like: FebBunch, newFill, etc.
- ✚ RF green synchro: J. Jamilkowski
- ✚ FEC: L. Hoff
- ✚ Operations disks: S. Binello
- ✚ MCR consoles: T. D'Ottavio
- ✚ Database: W. Fu
- ✚ RHIC configuration: G. Marr, W. MacKay
- ✚ AtR setup including instrumentations: K. Brown, N. Tsoupas, G. Marr
- ✚ RF configuration: RF group
- ✚ Permit link: G. Marr, D. Trbojevic
- ✚ Operation Gpms: G. Marr, M. Bai, and operations
- ✚ Pet page: S. Nemesure
- ✚ RHIC BPM: Michnoff, T. Satogata
 - Manager
 - Timing
 - New status bit and alarm
 - Average orbit including running average and TBT orbit
- ✚ Logging and LogView: R. Lee and T. D'Ottavio
- ✚ Abort kicker: L. Ahrens
- ✚ Alarms: S. Nemesure

January 13, 2008

- ✚ Tape: G. Marr, control experts and system experts
 - Check injection setup
 - Check up and down ramp
 - Check instrumentation setup
 - Automated corrector powersupply checkup
- ✚ Online model: G. Robert-Demolaize, S. Tepikian
- ✚ Ramp, WFG, RampEditor: S. Tepikian, G. Robert-Demorlaize and T. D'Ottavio
- ✚ Orbit Display and orbit correction: V. Ptitsyn
- ✚ Post Mortem: J. Laster
- ✚ BLAM: J. Laster, L. Ahrens
- ✚ RHIC/AtR BLM: M. Bai, S. Binello, P. Oddo, J. Morris
 - View mode: ring mode and first turn mode
 - Threshold
 - AccumuLoss
- ✚ Tune meter Kicker and Artus: A. Drees, R. Michnoff
- ✚ Injection Damper: A. Drees, R. Michnoff
- ✚ IR Bump: F. Pilat, C. Zimmer, S. Binello
- ✚ RHIC WCM: R. Lee
- ✚ RHIC IPM: R. Connolly, S. Tepikian
- ✚ Radial steering: operations
- ✚ RHIC chromaticity: S. Tepikian
- ✚ RHIC Injection kicker: W. Fischer, H. Hahn, A. Zhang
- ✚ Bunch intensity monitor: W. Fischer
- ✚ RHIC Injection application: W. Fischer
 - Low intensity bunch

January 14, 2008

- ✚ BBQ: M. Minty, T. Russo
 - Test with resonator
- ✚ drift compensation: A. Marusic, L. Hoff
- ✚ Tune feedback system: A. Marusic, L. Hoff, M. Minty, Y. Luo, J. Beebe-Wang
- ✚ Coupling angle measurement: Y. Luo, J. Beebe-Wang
- ✚ dQmin application: J. Beebe-Wang
- ✚ BtF: W. Fischer
- ✚ Schottky: K. Brown
 - Tune
 - Emittance
- ✚ Electron cloud detector: S. Y. Zhang

January 15, 2008

- ✚ Gap cleaning: A. Drees
- ✚ LISA: A. Drees, T. D'Ottavio
 - Test new feature of verneer scan online analysis
- ✚ Collimator: A. Drees, G. Robert-Demolaize
- ✚ Tune Display: T. D'Ottavio
- ✚ plotfill: T. Satogata, Ila
- ✚ IR Bump: F. Pilat, C. Zimmer
- ✚ FDAView: T. Satogata
- ✚ Bert: G. Marr
- ✚ ORM script: T. Satogata
- ✚ AC dipole: M. Bai, P. Oddo, G. Wang
- ✚ RHIC CNI polarimeter: H. Huang
 - hardware control
 - Application: polarization and emittance

January 16, 2008

✚ All unfinished systems/tasks