

Weekly Report for 11/23/2015

MCR Operations

Linac Operations

- Requested access to the tunnel during the Dec/Jan. shutdown to do pc gun laser alignment checks prior to start up. (Jeff Dooling)
- Continued to work on VC beam profile; seeing what looks like a reflected image. Requested a tunnel access to check alignment through the transport line and linac optics table. (Jeff Dooling)

Procedures

- Operation of the Synchrotron ACIS (APS_1192808) (Randy Flood)
- Operation of the Storage Ring ACIS (APS_1192745) (Randy Flood)
- Annual Validation for the Advanced Photon Source Photoinjector Laser Access Control and Interlock System (LACIS) (APS_1196662) (Randy Flood)

MCR Operations administrative/misc.

- Wrote operators schedules through May 2016 (Randy Flood)
- Started overseeing the migration of the MCR RMD tool from Perl to PHP. (Randy Flood)
- Approved operators' time cards (Randy Flood)
- Approved vacation requests, set up coverage and updated the online schedule (Randy Flood)
- Approve CTLs, IT and Other work requests (Randy Flood)

APS Machine Studies

Storage Ring Studies

- Completed an analysis of beam dumps recorded in October and November with the fast BLMs determining the deposited charge in the SCU0 and SCU1 regions for quench and non-quench cases. (Jeff Dooling)

APS Machine Research and Development

Storage Ring Research and Development

- Was asked to look into installation of fast BLMs for the helical superconduction undulator (HSCU). (Jeff Dooling)

Linac Research and Development

- Attended Interleaving magnets meeting and along with C. Doose, presented recent measurements on possible interleaving dipole correction magnets. (Jeff Dooling)

APS Machine Software

IOC/EPICS/Controls/Linux/Solaris/Linux Clusters/Data Loggers/Simulation software

- Administer the EPICS CVS repository to ensure current versions are installed and conflicts are tracked down and eliminated. (Randy Flood)

Meetings, workshops, conferences, committees, LMS related, and reviews

- Participated in L2:AS1 planning meeting (Randy Flood)
- Presented stats and operational issues to Ops Directorate meeting (Randy Flood)

Miscellaneous

- Administer multiple mailing lists and the elegant forum (Randy Flood)