

Shutdown work done

Machine	Description	i/c	Comments
Linac	Tank 4 drift tube replacement	Kiyomi/Linac group/Mechanical	Completed. 24 Jul.
Linac	Klystron 2 choke replacement	Kiyomi/Linac group/Mechanical	Completed. 30 Jul
Linac	Repair ceramic in Tank 7 SCL module	Kiyomi/Mike	Completed
Linac	Toroid calibrations	Aiyshah	Completed.
400 MeV line	Fixed vacuum leak in feedthru connector of wire scanner	Salah/Mechanical	Completed.
Booster	2 nd harmonic	Tan/Robyn/John	Not enough volts in gap (exact voltage not quite determined yet) < 50 kV. High power test to continue for 1 more week. Repair cost estimate being done. Will not install during this shutdown.
Booster	Repair of cavity #1017 water leak (station 22).	RF group	Repair is complete. Waiting for high power test.
Booster	Wide bore cavity	RF group	Leak repaired – replaced cracked ceramic in tuner. Continue building the cavity to allow for biasing.
Booster	Various water leaks	Booster group/Mechanical	Repairs completed at L11. S3 needs a plug to be machined. All water to magnets are valved. Pumps at CUB for Booster are off for check valve repair.
Booster	Wire scanner in injection girder pulled in L1	Salah/John/Mechanical	Found broken wire. To be fixed.
Booster	Survey at L11 for PIP-II injection line	O'Sheg/Surveyors	Completed

Problems

- Vacuum problems in Tank 1 and 2. Vacuum went bad after water turned back on. Cannot pump down.