

COLLIDER-ACCELERATOR EXPERIMENTAL PHYSICS PROGRAM

SCHEDULE FOR CHANGEOVER/SET-UP/REPAIRS

Actual End: 2015 hours

SHUTDOWN PERIOD: JANUARY 29, 01 - 0800-1500

RESULTS

R. Zaharatos - Jan. 25, 01

MACHINE CHANGEOVER SCHEDULE TO 24 Gev Pulsed Protons(rev. 1)

JAN

28-29 When Exp. 956 3Gev Spallation Run ends:
 LOTO Booster for Controlled Access.
 Booster HP cursory survey and detailed of C3 Inflector.
 LOTO AGS for Controlled Access
 AGS Ring HP cursory survey and detailed of CE010.

NOTE TO OPERATIONS: To meet the following schedule all of the above must be completed before 0800 on the 29th. HP will call in an additional HP person as required.

JAN 29

0800 Booster and AGS Controlled Access for scheduled jobs
 SEB and V Tgt. access as required.

1200 Booster secured for LOTO removal and equipment turn-on

1330 AGS Ring secured for LOTO removal and equipment turn-on
 Booster beam set-up.

1500 AGS set-up with protons

OPERATIONS: Linac will run protons into HEBT for studies during this shutdown period(0800 to Booster start-up at 1330hrs)

EQUIPMENT TESTING:

C 1. AGS Ring - VHF RF at G20(barriered testing) – includes R.F. radiation measurements

PRIMARY JOBS

AGS RING SYSTEMS

C 1. Replace J10 Beam Dump pressure regulator and test(Water Sys. Grp. 4 hrs)
C 2. Swap out CE010 Ion Chamber to SEC(Bm. Comp. 4 hrs)
C 3. Check F10 Septum water flow(Bm. Comp., P.S. Grp.)
C 4. Set-up A20 Flying Wire(Inst. Grp.)
C 5. Set-up H10 camera(Inst. Grp.)
C 6. Replace burned-up contactor coil for Westinghouse 52 SW. controls.

- C 7. Long Loss Monitor Integrator - Setup for high intensity.

Booster Systems

- C 1. Booster C3 Inflector prep for vertical position change(Beam Comp.,Vac.,& Survey Grps.)
C 2. Vacuum: Check BXT10 Gauge.
C Place copper blocks on 4 RGA Heads(BTA and F7)
C 3. Investigate possible problem with LTBX100 transformer(Bm. Comp.)
C 4. Check BAF extraction line measurements(D. Phillips)
C 5. Check/repair BTA measure flow(Water Sys. Grp.) - Completed 1/24/01
C 6. Check/replace all bag filters(Water Sys. Grp.)
C 7. Booster Berm access to check locations of TLD's(D. Passarello)
C 8. Permanently install F6 Septum controls p.s..(external, Pulsed Pwr. Grp.)
C 9. F6 Video - Install neutral density filter.

LINAC SYSTEMS

- C 1. Install V113/V114 Digital I/O and MADC panels in VME Station in 930
UEB(Accel. Ctrls.) This should only effect some Booster "Shutdwn" equip.etc..
C 2. LTB - Repair Loss Monitors

SEB

- C 1. Switchyard - remove AF238 test set-up(Bm. Comp.)
C 2. Tower 2 - replace broken valve(Water Sys. Grp. - 3 hrs.)
C 3. C7 - set-up video lights for CF157 and 255
RS 4. CF440 drive - may need to be replaced(4-5hrs. - Bm Comp. Grp)

U/V/G-2 Lines

- C 1. V Tgt. sec and swic installation(Inst. Grp.)