

## C-A MAINTENANCE, MODIFICATIONS, AND REPAIRS SCHEDULE

R. Zaharatos – March 1, 2001

### SCHEDULE SUMMARY

Maintenance Begins: March 5, 2001, 0400hrs.  
(3hr cool-down)  
Maintenance Ends: March 5, 2001, 1200hrs.

Machine Areas Access:	Booster	Controlled Access
	AGS	Controlled Access
	SEB	Controlled Access - Switch Yd. Restricted Access - "A" Tgt.
	ATR/U Line	Controlled Access
	Linac	Controlled Access

### C-A POWERED TESTING REQUESTS

#### BOOSTER RING

1. Test DH1 with ramping function

### PRIMARY JOBS

JOBS STATUS CODE: **C** complete **IP** in-process **RS** reschedule **CAN** cancelled

### AGS RING EQUIPMENT

1. All RF Stations - install upgrade for gap shorting relay resistors(3hrs)
2. Inspect/ repair RC networks(starting with K10 to L10, may expand depending on results)2hrs
3. Back-flush F10 Septum(2hrs)
4. Check F5 Septum water flow
5. Repair G7 PUE(Beam Components)
6. Repair K3 PUE(RF Grp)

### AGS EXTERNAL EQUIPMENT

1. Repair water systems PLC Communicator for SEM, RF Power, and RF Cavity - requires shutdwon of water systems for RF Power and SEM.(1hr)
2. Power shutdown for Bldg. 921 PASS Sys. UPS to inspect neutral and grounds.(1hr)

### BOOSTER RING EQUIPMENT

1. Vacuum - reset RGA in BTA Line
2. Vacuum - install remote reset for BTA RGA(1hr).

## BOOSTER EXTERNAL EQUIPMENT

1. Exchange Booster Berm TLD's(HP)

### G-2

1. Change resistors on kicker mods(3hrs)
2. Inspect Inflector vacuum and change oil if necessary(2hrs)
3. Cryo refrigerator maintenance(1hr)
4. Repair leak in large compressor(2-6hrs)
5. Remove Cerenkov Counter(1hr)
6. Remove isobutane(1hr)
7. Repair regulator to main magnet P.S..(1hr)
8. Upgrade controls air line for P.S. water pump(2hrs)
9. "V" Tgt. water cooling - change deionizer cartridge

### SEB

1. "A" Tgt.Cave - re-cable transport magnets and test(4hrs)
2. Change "C" Tgt. Sec.

## SHUTDOWN SCHEDULE

<u>5 Mar</u>	0400	G-2 off, begin Trolley Run. Maintenance period begins(cool-down) All equipment to off except for equip. involved in Trolley Run.. Begin Controlled Access LOTO for the Booster and AGS Rings Open padlocks for B Fan Hse.
	0630	Pump out B Fan Hse. sump
	0700	HP cursory and job specific surveys of AGS Ring
	0800	HP cursory and job specific surveys of Booster Ring
	0830	AGS Ring Controlled Access entries
	0900	Booster Ring Controlled Access entries HP survey of "C" Tgt. for sec change
	0930-1030	PASS Sys. UPS power shutdown(Bldg. 921)
	1100	Booster Access ends – remove LOTO
	1200	AGS Ring access ends - remove LOTO Maintenance ends.
	1200	Booster turn-on for beam
	1300	AGS turn-on for beam

