

**C-A MAINTENANCE, MODIFICATIONS, AND REPAIRS SCHEDULE
CLOSE-OUT**

R. Zaharatos – March 23, 2000

SCHEDULE SUMMARY

Maintenance Period - Begin: March 28, 0600hrs.

Maintenance Ends: March 28, 1600hrs.(Actual 3/29, 1300)

Machine Areas Access:	Booster	Controlled Access
	AGS	Controlled Access
	All SEB	Restricted Access - as required (Sw. Yd. Controlled)
	ATR/U Line	Controlled Access -
	Linac	Restricted Access -
	RHIC	Restricted Access (RF Sect. 4 secured for testing)

C-A POWERED TESTING REQUESTS

AGS RING

1. **RS** J10 Dump Bump
2. **CAN** H10 Ejector

PRIMARY JOBS

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

AGS RING EQUIPMENT

1. **CAN** Restore RF Sta. "D" from special set-up
2. **C** Replace H10 Ejec. water hoses.
3. **RS** J10 Dump Bump – local monitoring for first time test (Bannon)
4. **C** Inspect/test G10 Kicker
5. **C** Video – repair H10 and L20 cameras
6. **C** Repair UF1 video
7. **C** F16 Main Mag. water leak – replace hose and fitting.
8. **C** Repair UD1 water leak
9. **C** Replace A20 Flying Wire
10. **C** Pass recertification
11. **C** Review SEM piping for upgrade

AGS EXTERNAL EQUIPMENT

1. **C** Clean Tower # 1(0600-1100)
2. **CAN** H10 Ejector P.S. maintenance plus test time.
3. **RS** J10 Dump Bump commissioning tests (access to ring required for first turn-on)
4. **RS** J10 Dump Bump – reroute cables into rack, install interface ctrls., and set-up, and water sys. check.
5. **C** Fan Houses – Summer cooling prep for Hses. A, C, and D. Replace chilled water valves in "E".
6. **C** Computer Controls – operations Fire Wall Access modifications (period of no access)
7. **C** Install air monitor tube in Fan Hse. "C" for HP

BOOSTER RING EQUIPMENT

1. **C** Test repair BPM's – B6, C4, D1, E5, E7, and E8.
2. **C** Relamp ring.
3. **C** Pass recertification

BOOSTER EXTERNAL EQUIPMENT

1. **C** Repairs to vacuum controls.

LINAC

1. **RS** Pass recertification

ATR Line

1. **C** X Line – inspect XLM1.1

RHIC

RHIC/AGS Status

<http://www.cadops.bnl.gov/AP/Status/>

RHIC Maintenance and Commissioning Weekly Meeting Minutes

http://www.cadops.bnl.gov/AP/DryRun/March_Minutes.pdf

Cool-down Temperatures

<http://www.cadops.bnl.gov/People/kjohnson/cryo.html>

1. **C** Install sweep door lock hasps on 11MD1 and 12MD1
 2. **IP** Correction P.S.'s installation and testing.
- http://www.cadops.bnl.gov/AP/DryRun/RHIC_POWER SUPPLY_3_8.pdf

Commissioning Schedule

http://www.cadops.bnl.gov/AP/DryRun/RHIC_comm_schedule_3_7_00.pdf

Dry Run Schedule

http://www.cadops.bnl.gov/AP/DryRun/MARCH12_DRY_RUN.pdf

Commissioning Plan

http://www.cadops.bnl.gov/AP/DryRun/RUN_PLAN5.pdf

SHUTDOWN SCHEDULE

<u>28 Mar</u>	0001	Beam off. Maintenance period begins All equipment to off. Begin Controlled Access LOTO for the Booster and AGS Rings
	0600	Begin cleaning of Tower 1
	0700	HP cursory and job specific surveys of the Booster and AGS Rings As HP surveys are received begin final job reviews for completion of required permits.
	0830	Booster jobs access (first priority) followed by AGS Ring Controlled Access entries
	0930	AGS Access
	1100	Tower 1 back on-line
	1400	Booster Access ends
	1430	Booster ready for equipment turn-on for beam
	1300	AGS access ends – remove LOTO
	1600	Maintenance ends