

**AGS/RHIC SHUTDOWN SCHEDULE**

R. Zaharatos –Dec. 31, 02

**SHUTDOWN REQUEST PRIMARILY FOR ACCESS TO IR'S BY  
EXPERIMENTORS**

**SHUTDOWN PERIOD: THURS., JAN 2, 2003, 0830 TO 1700HRS(READY FOR  
BEAM BY 1700)**

**HEBT 3 RESTRICTED ACCESS – 0900-TO?? AS MUCH TIME AS CAN BE  
ALLOWED UP TO BEAM TURN-ON**

**“U” UP/DWN CONTROLLED ACCESS – 0930-1100(HP Survey 0930)**

**AGS RING CONTROLLED ACCESS ENTRIES PERIOD – NONE  
SCHEDULED - No Job Requests**

**RHIC IR's – Restricted Access – 0830 to ?? most sweeps completed by 1630**

PHOBOS – 4hrs    PHENIX – 8hrs    Sectors 7,8 – 6hrs    STAR – 8hrs  
IR12 – 6hrs(hodoscope and vac. work)

**RHIC TUNNEL REMOTE CONTROLLED ACCESS PERIOD - 0830 to 1430  
– HP surveys required for beam dump and injection line**

**BOOSTER ACCESS – NONE SCHEDULED**

**BAF STUB TUNNEL RESTRICTED ACCESS - 0900-1300**

**PRIMAY JOBS:**

**AGS RING ACCESS JOBS**

- RS    1. Investigate chamber gnd. problems at A4, A8, A14, B4, C14, J14, and  
L18(Bm. Comp.)

**AGS EXTERNAL – NO REQUESTS**

## **BOOSTER RING ACCESS JOBS – NO ACCESS**

- RS 1. Check ring grounds (Beam Comp.)

## **BOOSTER EXTERNAL**

1. Vacuum - Install analog board in CEA/C3B controller & run cables from analog output to Controls MADC inputs (930UEB)

## **BAF STUB TUNNEL**

1. Install remotely operated neutral density filter for R063 Flag(S. Bellavia)

## **ATR ACCESS JOBS**

1. U-line – clean all water flow interlock switches (FES)

## **LINAC/HEBT ACCESS JOBS**

- C 1. Complete installation of relocated HEBT Gate(AccessCtrls.)(**needs fault study**).
2. Vacuum work downstream of new gate for Pol. Protons diagnostics line.

## **RHIC ACCESS JOBS**

1. P.S.'s – repairs to ?? – See P.S. List.
2. Stochastic Cooling(sect. 2) – commissioning(Gassner)
3. 1008 – install contactors and switches (FES – Pearson)
4. Survey- IPM in 1 o'clock (need to schedule 2 o'clock next access).
5. Vacuum – perform heat run on detector solenoid in Sector 12
6. Sector 12 – repair hodoscope stand(Seberg)
7. Sector 12 – hodoscope set-up(Curcio)

## **RHIC EXTERNAL**

1. Begin installing and connecting new Modicom Network cables to fiber optic interface modules – begin at 1012A and go clk. wise(Ctrls. Grp.)  
Replace cards in ip controllers YIP6, bi4-ip-pw3.2, an
2. Power supplies. See P.S. List

## RHIC POWER SUPPLIES(Bruno)

### Maintenance To Do For Next Maintenance Day

#### IR Power supplies

1. Need new AC ON light for yo1-qd3-ps – I don't know if lights are in yet. **JOE AND BOB**
2. Continue working on yo9-dh0-ps fiber optic interface card problem if it comes back, so far it has not. **NO ONE YET.**
3. Keep an eye out for any trips of y6-dh0. We had one on Thurs 12/19 at around 11:56 pm due to voltage spike and we want to see if it comes back. Gregg reseated some hkps connectors and it has not come back since. **NO ONE YET.**
4. Examine y2-dh0-ps Fiber Optic Interface Card Problem. **ME AND GREGG**
5. We will go into alcoves 11B and 1B to check out some sextupole p.s.'s. In alcove 11B we will look at yi11-sxd-ps. We may re-connect the ground wire to the firing card. In alcove 1B we will probably look at bi1-sxd. **ME AND GREGG AND JOE**
6. Measure resistance of qpa fan switches on b8-q6-qp. If any switches read greater than 1 ohm they will be replaced. **TOM AND JEFF**
7. Go into 11c and check the pushbuttons on the control card of yi11-qgt-ps. Make sure local standby and off pushbuttons work. Swap out control card with spare Gamma-T control card from 1007W. Make sure all 3 local remote switches are in remote when you leave. Check on laptop that it says REMOTE. **GENE AND BRIAN**
8. Wing is going into sector 6 to remove equipment. **WING**
9. Swap out fiber optic interface card and call Al Marusic at 3651 after we have done it. Give card to Phil Pape after we remove it. **GENE AND BRIAN**
10. Check b8-dh0 AC connections to control card. **TOM AND JEFF**

#### Main p.s.'s

1. Investigate PFN2 fault on blue main dipole p.s. **FRED**
2. Carl may investigate ACUV trip he had. **FRED**

#### ATR Line p.s.'s

1. In 1000P I would like to make sure slew rate board still works but putting a reference on the p.s. and just watching the current rise up slow. I may also check the delay shutoff circuit if I have time.

## TANDEM