

# PHENIX WEEKLY PLANNING

6/21/2007

Don Lynch

# 2007 Summer Shutdown Schedule

<u>Item</u>	<u>Start</u>	<u>Complete</u>
RPC Factory set up	5/15	2011?
HBD West repair	4/26	9/14
End of Run 7	6/26	6/26
Flammable Gas Purge	6/26	6/27
Open rolling wall, disassemble and store	6/28	6/28
EOR Party	6/29	6/29
MuID collar removal, MMS move S.	7/9	7/9
Disconnect EC and Move to AH	7/10	7/16
RPC Engineers coordination visit	7/16	7/26
Reconnect EC for maintenance in AH	7/16	7/23
Move MuID collar to AH	7/16	7/16
Misc. Subsystem Maint./repair/Upgrade	7/16	10/1
Misc. Infrastructure Improvements	7/16	10/1
Install IR floor plates, rolling cart & move manlift to IR	7/17	7/18
Install CM access ladder	7/18	7/18
Remove HBD East	7/19	7/19
Remove MPC South	7/20	7/20
MPC South upgrade/ bench tests	7/23	8/13
Move CM south	7/23	7/23
Remove SouthEast Vertical Lampshade	7/24	7/24

Note: C-A Cooling water improvements are planned for this summer. This may involve interruption of water cooling for most/all of the summer. Please let me know if water cooling is necessary for any subsystem operations this summer.

TEST-OPERATIONS 2007

# 2007 Summer Shutdown Schedule (cont'd)

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<u>Item</u>	<u>Start</u>	<u>Complete</u>
Remove MPC North	7/25	7/30
MPC North upgrade/bench tests	7/30	8/6
MuTr Capacitor Decapitation	7/25	8/31
Reinstall MPC North	8/6	8/13
Move CM North	8/13	8/13
Reinstall MPC South	8/13	8/20
Repair RXNP Phototube	8/13	8/20
Summer Sunday Tour	8/15	8/19
Install CM Crane	8/20	9/3
C-A arc flash work (no power)	8/23	8/24
MuTr FEE Prototype (Sta. 2N lwr oct.)	9/3	9/28
HBD West Mechanical/Gas Reinstall	9/17	9/24
HBD EAST Mechanical/Gas Reinstall	9/24	10/1
HBD Electrical Reinstall	9/17	10/8
EC Roll In	10/8	10/10
DC East repair	10/11	10/12
HBD/MPC/Other TBD Commissioning	10/1	10/31
Start of Run 8	11/1	11/1

# RPC Factory

TECHNICAL SUPPORT NOON



More Equipment from 832, 905 and storage trailers to be moved to 912 by riggers.

Paul to prepare one-line electrical drawings.

Tent Interference problem



# RPC Factory Issues

## A. Factory Set Up:

1. Who is in charge?
2. PHENIX tech support:

Gas: John T.

Elect: Frank T.

Mech: Kenny J.

3. Realistic Schedule
4. Labor Force

## B. Tent Issues:

1. Assembly
2. Electrical supply/distribution
3. HVAC
4. Layout

## C. Safety Issues:

Per Yousef's Minutes from review

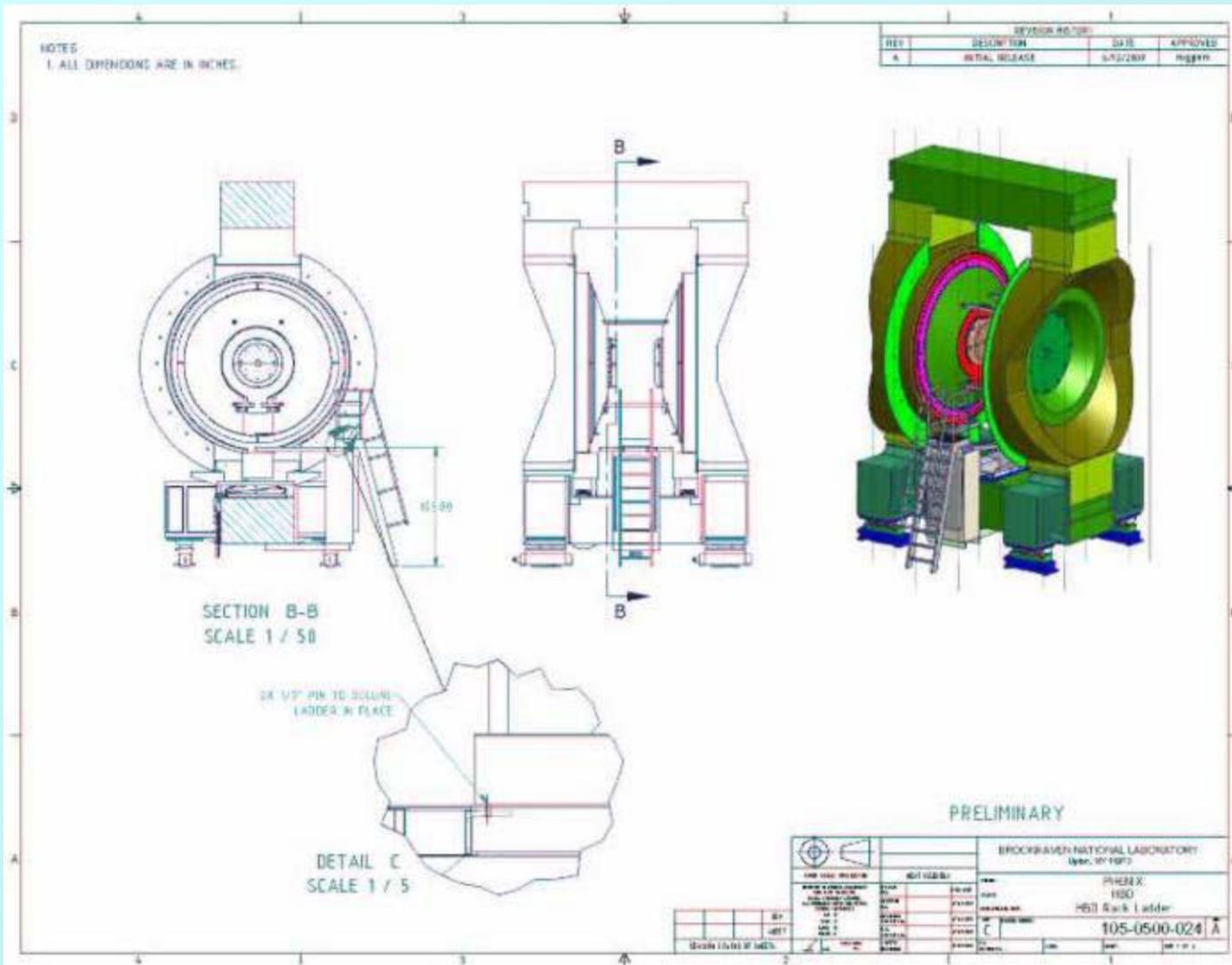
- Tent does have a man door
- Paul to do one-line elec schm.
- Calib./testing of SF6 monitors
- Gas system schematic
- Gas system construction
- Fire protection
- Gas environmental impact
- Electronics/equipment review
- Factory users safety manual

## D. Factory Equipment

- Design & Fabrication (cosmic ray test stand)
- Layout & installation shelves & cranes

# CM Ladder/Stair

TECHNICAL SUPPORT NOON



- PO written waiting approval
- To be used during shutdown (EC out) only.
- Alternate custom ladder needed for CM access during run
- Need EC out before full space envelope info can be determined
- Design to be reviewed by CA Safety

# Procedures Review

## Latest Counts

Efforts continue



Paul 21 more



Don 8 more

6 Procedures  
reviewed/revise  
complete pending  
approval sign-off



Rob 7 more

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- 2007 HBD Repairs, DC (minor) repairs), MPC N&S upgrade, MuTr FEE upgrade prototype, infrastructure upgrades & repairs, misc. subsystem work
- 2008 MuTr FEE upgrades 1 octant 1&2 S, Cu absorber test, RPC3 S, infrastructure upgrades & repairs, misc. subsystem work
- 2009 Scaffolding in MMS and MMN, MuTr FEE N&S stn. 2 & 3, MuTr N&S stn. 2 & 3 repairs, RPC2 S&N, RPC3 N, Cu absorbers, infrastructure upgrades & repairs, misc. subsystem work
- 2010 Remove HBD & RXNP, remove beampipe, DC West upgrade, VTX barrel, RPC1 N&S, MuTr FEE stn. 1 N&S, MuTr stn. 1 N&S repairs, infrastructure upgrades & repairs, misc. subsystem work
- 2011 NCC S, FVTX, infrastructure upgrades & repairs, misc. subsystem work
- 2012 NCC N, upgrades contingency & wishlist, infrastructure upgrades & repairs, misc. subsystem work

*\* Years refer to the shutdown year and follow the run with the similar number (i.e. work in 2007 is to be done in the shutdown that follows run 7, and so on)*

# Grounds Maintenance

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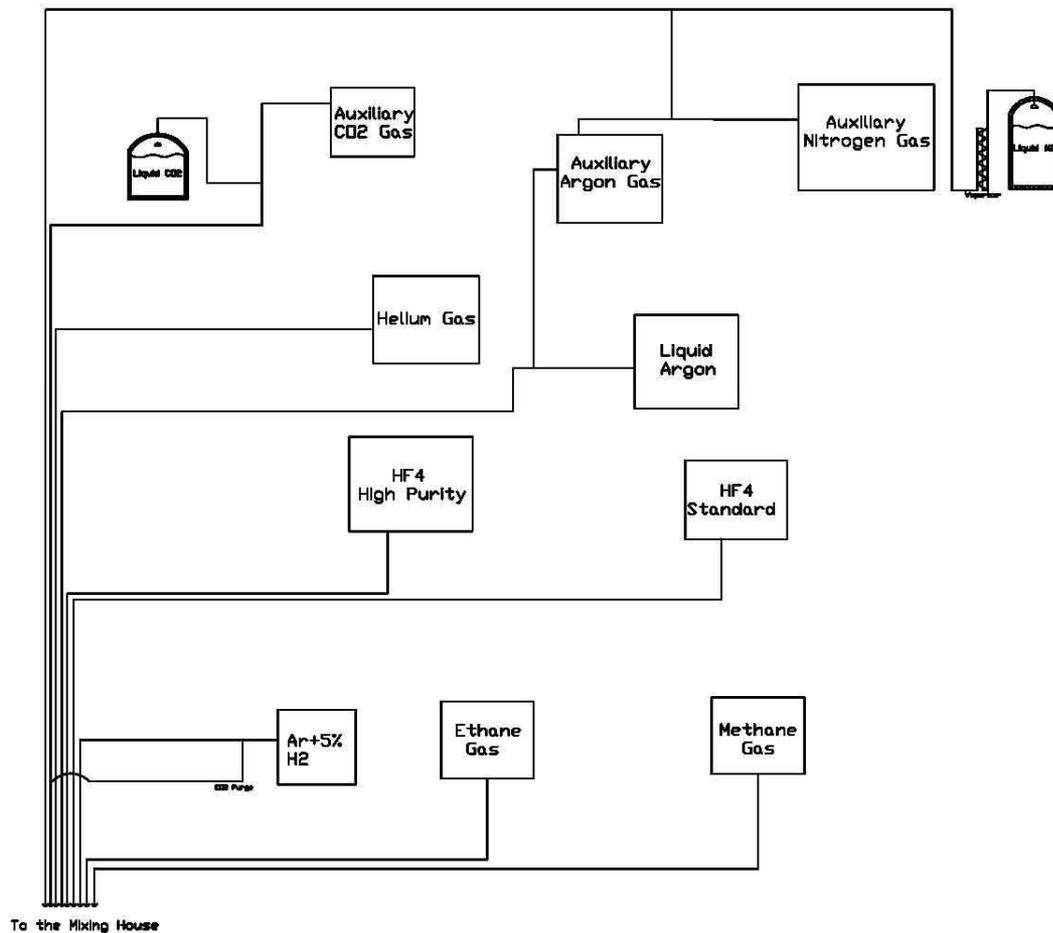


Weed maintenance has been requested.



# PHENIX Gas System Documentation

TECHNICAL SUPPORT 2007



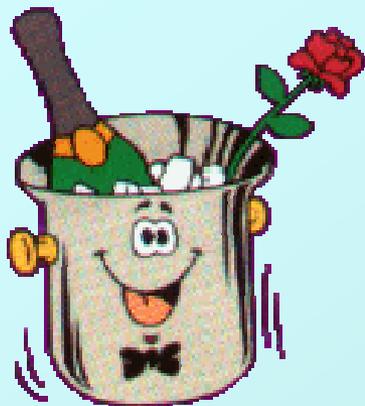
# Other Work



- Empty (except clean metal waste) and discard old container
- VTX prototype
- NCC prototype & electronics
- RPC mockup
  
- Neutron shielding test
  - 2 4' x 4' x 2" sheets of borated polyethylene suspended from above (IR side) centered in last MuID gap with MuID panel

# End of Run Party

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# Where To Find PHENIX Technical Info

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# Happy Summer!



Links for the weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found on the web site:



[http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL\\_SSint-page.htm](http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm)