

PHENIX WEEKLY PLANNING

10/4/2007

Don Lynch

TECHNICAL SUPPORT + NOON

2007 Fall Shutdown Schedule

T
E
C
H
N
I
C
A
L
S
U
P
P
O
R
T
+
M
A
I
N
T
E
N
A
N
C
E

2007 PHENIX Shutdown

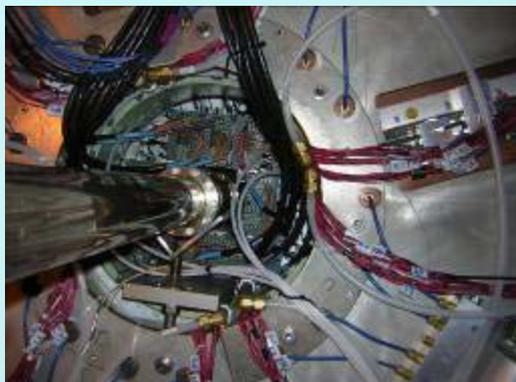
October 2007: Finish MPC South Installation, replace MMS lampshade, install neutron shielding (borated PE) test, move EC to IR, reinstall MuID collars, Electronics cooling upgrade (C-A), Prep IR for run, DC East repair, install new CM access, Integration planning, Start blue sheets & pink sheets, CM run time access installation, Continue RPC factory setup

November: Finish Blue sheets & Pink Sheets, Empty old container and dispose, Prep for run, begin RPC factory operations, start 2008 shutdown planning

2007 Summer Shutdown Schedule (cont'd)

T
E
C
H
N
I
C
A
L
S
U
P
P
O
R
T
+
M
O
O
N

<u>Item</u>	<u>Start</u>	<u>Finish</u>
MPC North Installation	Done	Done
Elec. Cooling Water upgrade (CA)	In progress	10/31
CM Move to Run position	Done	Done
MPC South Installation	In Progress	10/5
Borated PE neutron shield installation	In progress	10/12
Remove HBD East	Done	Done
More decapacitor removals	10/8	10/12



10/4/2007

Weekly Planning Meeting

2007 Summer Shutdown Schedule (cont'd)

TECHNICAL SUPPORT 2007

Item	Start	Finish
HBD Pre survey at SB	A-1 wk	A-1 day
HBD West Mechanical/Gas Reinstall	12/3?	12/17?
HBD EAST Mechanical/Gas Reinstall	???	???
HBD Electrical Reinstall	???	???
HBD installation survey	10/1?	12/22?
Reinstall MMS East Vert. Lampshade	10/1	10/5
EC Roll In	10/8	10/10
C-A fold scaffolding	10/8	10/8
Move MuID collars to IR	10/9	10/9
Remove Plates, cart & move Manlift	10/9	10/9
Roll in-to IR and North to run pos.	10/10	10/11
PHENIX techs reconnect water, elect., gas, fibers	10/11	10/19
Carpenters restore scaffolding, Re-install lift & ladder, re-connect gas sniffers	10/22	10/26
Mike Rau re-install lift wiring, Re-connect TOF blower	10/22	10/26
DC East & West repairs (permits needed)	10/22	10/26
Pre-run Commissioning	10/1	10/31
Assemble shield wall	10/22	10/26
Shield wall roll in	10/29	10/31
Start of Run 8 (Cooldown)	11/1	11/1

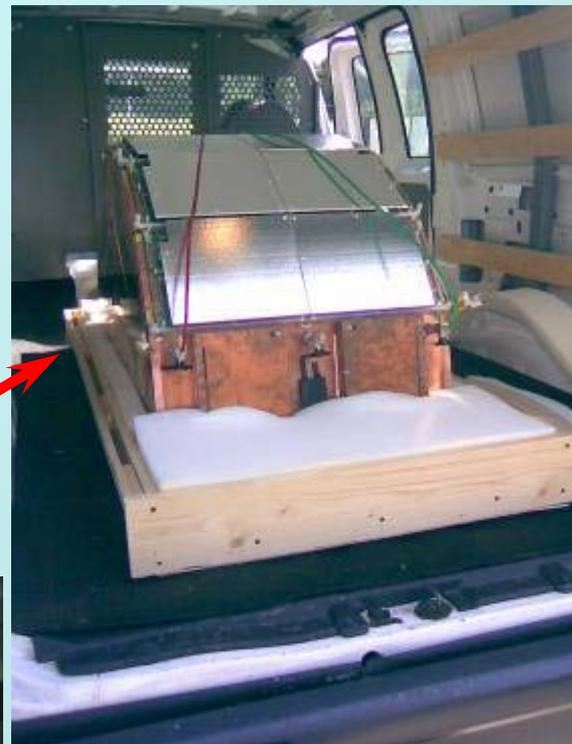


HBD East Removed

T
E
C
H
N
I
C
A
S
S
I
E
S
+
3
0
0
7



HBD East Removed & placed on "stretcher"



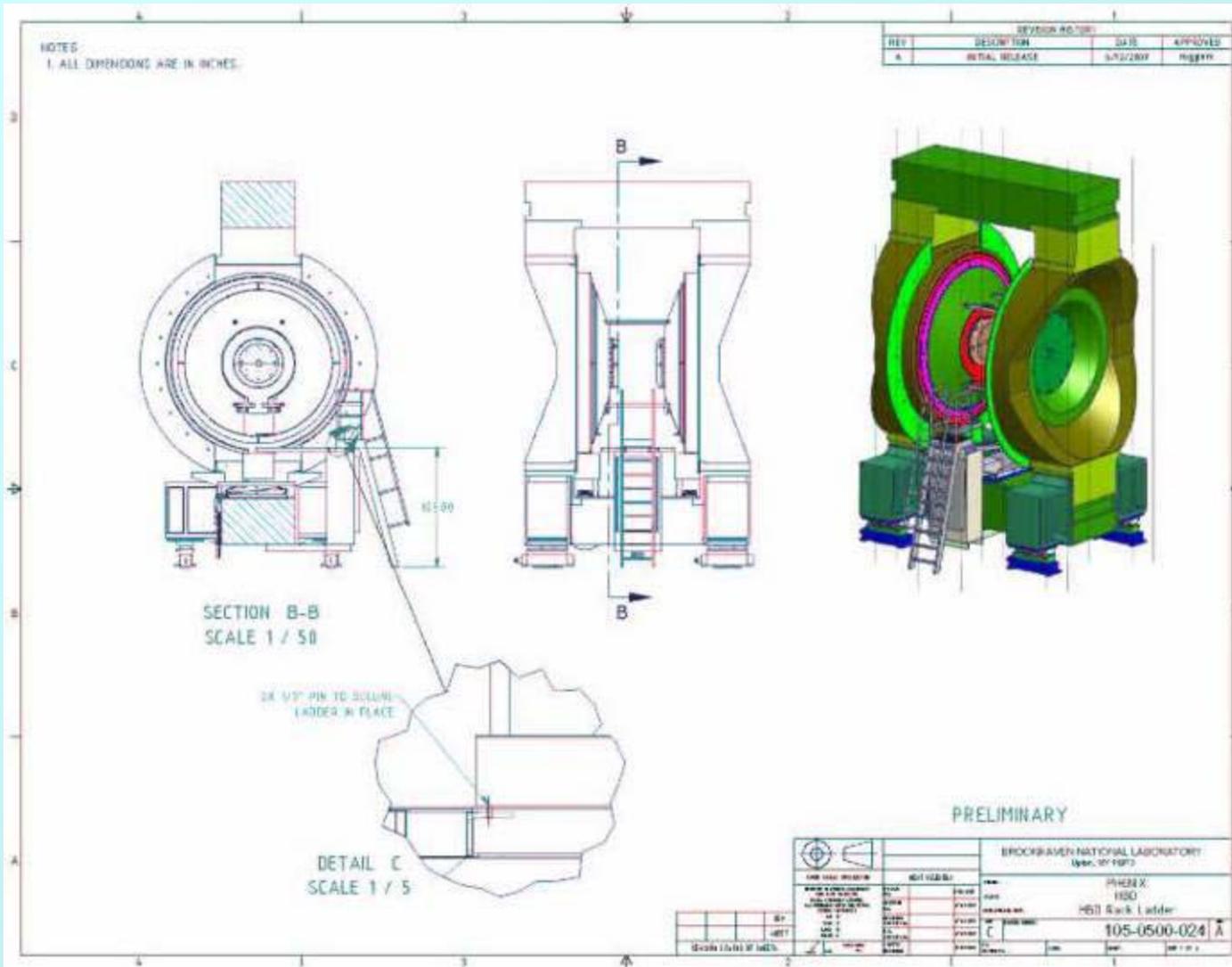
Stretcher placed in "ambulance"



Back at SB on life support

CM Ladder/Stair Shutdown Access

TECHNICAL SUPPORT NOON



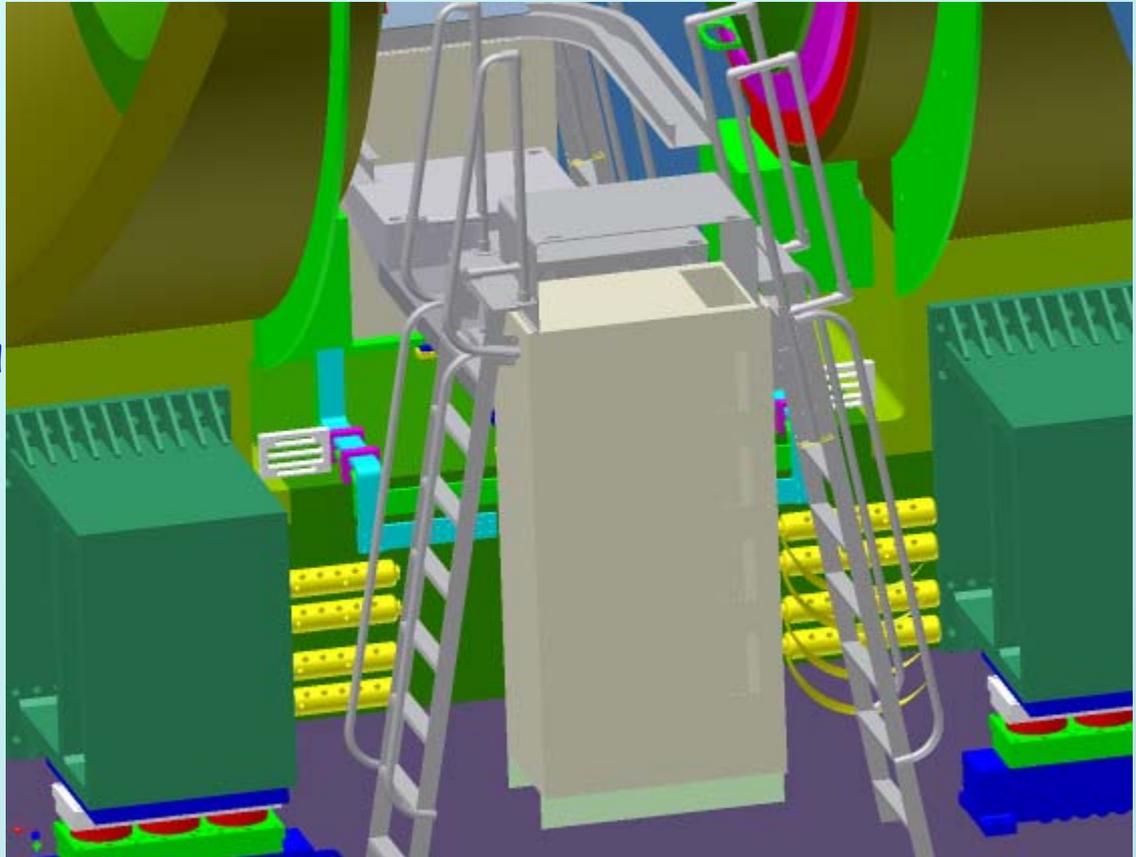
- PO pinned
Waiting for
delivery
- Purchasing
SNAFU causes
delay
- Delivery ~10/5

CM Ladder/Stair Run Access

T
E
C
H
N
I
C
A
L
S
U
P
P
O
R
T
+
S
T
A
I
R
R
U
N
A
C
C
E
S
S

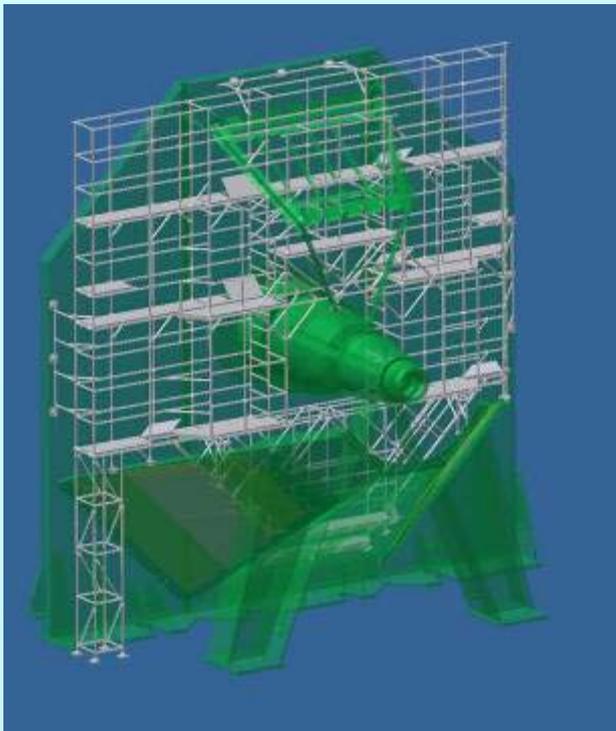
Features:

- ~70 deg. Alum ships ladder
- (1 or 2) lifts off to store vertically for run and/or to access rack doors.
- Step up platform above rack and cables.
- Can be used on either east or west side
- Hand rails on ladders.
Safety rail on platform



Station 1 , 2, 3 access plan

TECHNICAL SUPPORT + 3002 + 2007

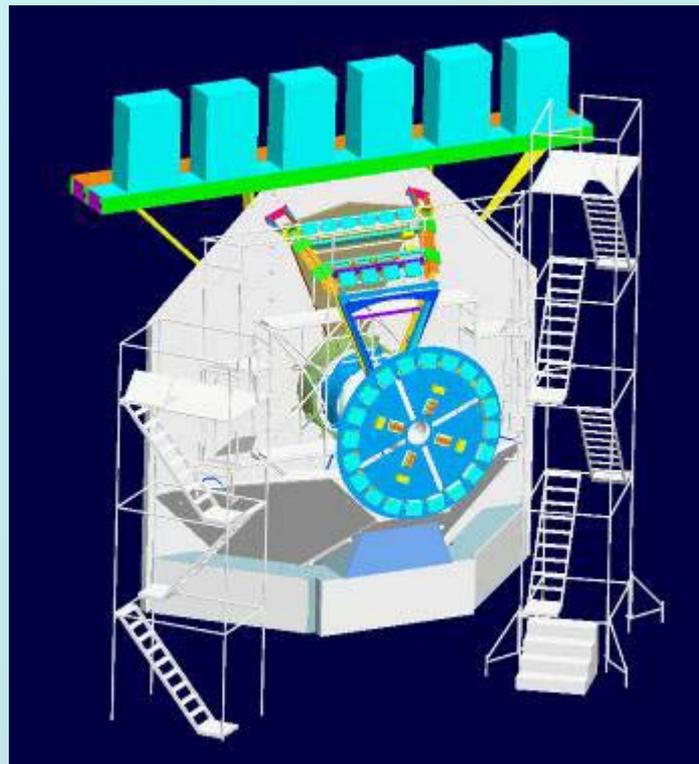


Use existing MMN scaffolding components

Sta. 1: modify to adapt to rails

Sta 2N & 3N: Internal to MMN only.
Adapt to work with most lampshades on.

Sta 2S & 3S: TBD



RPC Factory Issues

TECHNICAL SUPPORT 2007



- Now-to-factory-operation schedule
- Factory Work Plan
- Detector assembly /test procedure
- Gas system operating procedure
- Electrical/electronics review
- Final walkthru



What we can do now:

Install and move in furniture, equipment, gas piping and leak tests, and test equipment operations



What we can't do now:

Operate gas system (other than N2 leak tests), store, assemble and/or test detector modules and/or other components.

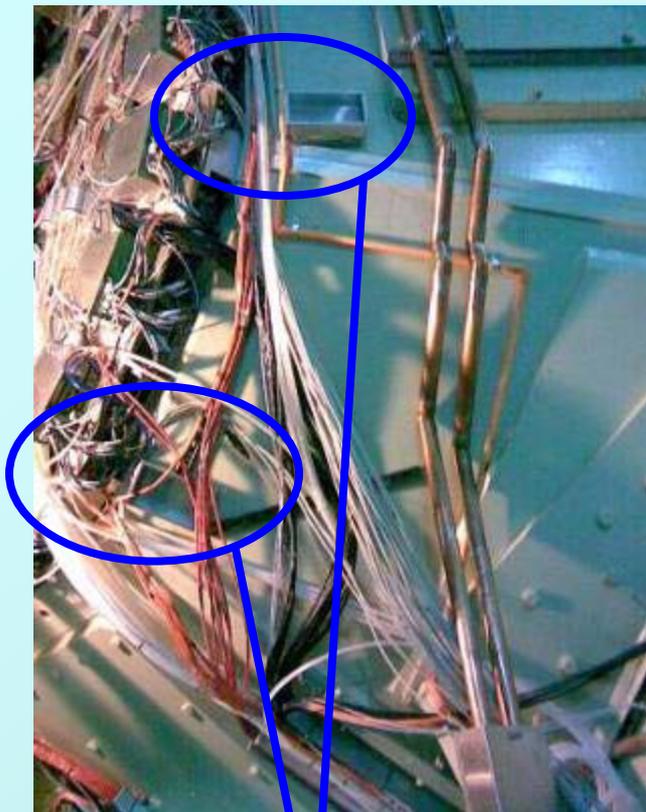
RPC Factory Issues

T
E
C
H
N
I
C
A
L
S
U
P
P
O
R
T
+
N
O
O
N



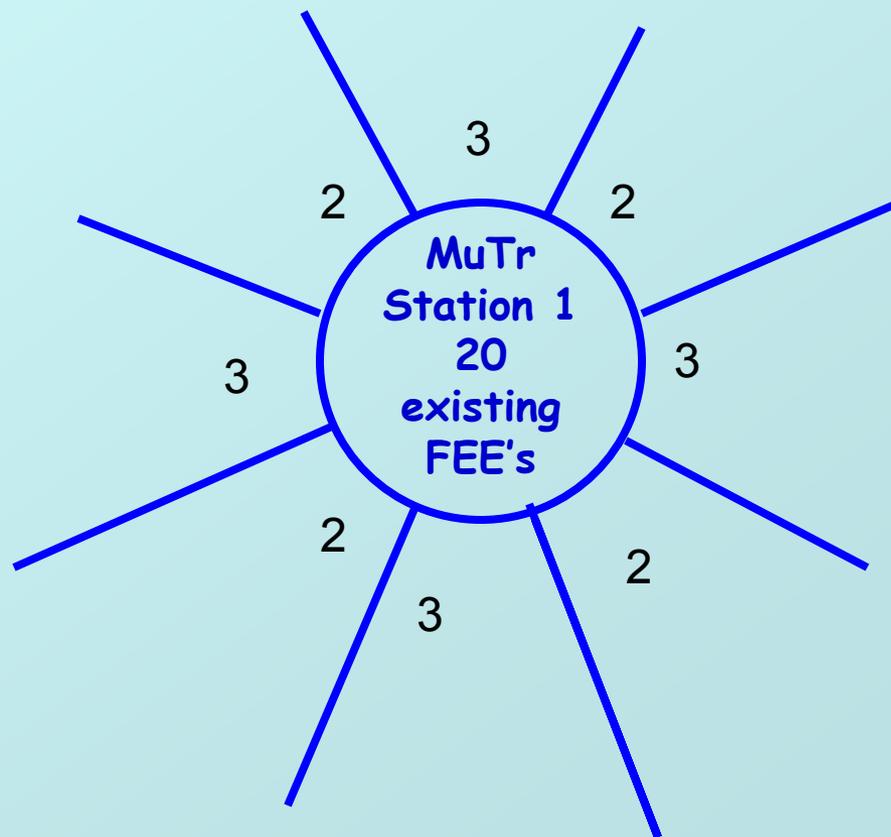
Mu Trigger Station 1 and 2 Upgrades

TECHNICAL SUPPORT + 2007



Mockup boxes to be in place when the CM moves north

We plan to make a couple of mockups of the AD and TX boxes to test fit in potential station 1 locations



- Tier 1 Inspection
 - Gas house door
 - Gas house South Deck
 - GAs Pad Postings (Flammable Gas Warnings on all access directions)
- Performance Appraisals- Get your achievements input and submitted by end of this week
- PPE update - no update, long pants, long sleeve shirts, closed shoes in AH & IR unless specifically exempted by task. (Short sleeves OK if just walking thru.. No work)



- 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)*

Where To Find PHENIX Technical Info

T
E
C
H
N
I
C
A
L
S
U
P
P
O
R
T
+
2
0
0
7



***GO
Rockies!***

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