

PHENIX WEEKLY PLANNING



1/27/2011
Don Lynch

No Meeting Today
Lab Closed due to
2011 Snow Storm # 7

TECHNICAL SUPPORT 2011

This Week:

Controlled Access Wednesday

VTX flow meter repair - successful

2 DC FEM's removed to be repaired and reinstalled next week during Scheduled maint access on Wed. 2/2

MPC Replaced ASIC

RICH board changed

EMCAL cable strain relieved

DAQ work

BBC, ZDC, PC, MuTrig, RPC operational troubleshooting

Continue support for new detector commissioning

Continuing mechanical, electrical and gas system support for Run 11

Plan for shutdown 2011

Future upgrades support

Next Week

Continue support for new detector commissioning

Continuing mechanical, electrical and gas system support for Run 11

Continue planning for shutdown 2011

Future upgrades support

VTX chiller repairs

Next: Scheduled Maintenance Access: Wednesday Feb 2 (Ground Hogs Day)

Replace DC boards

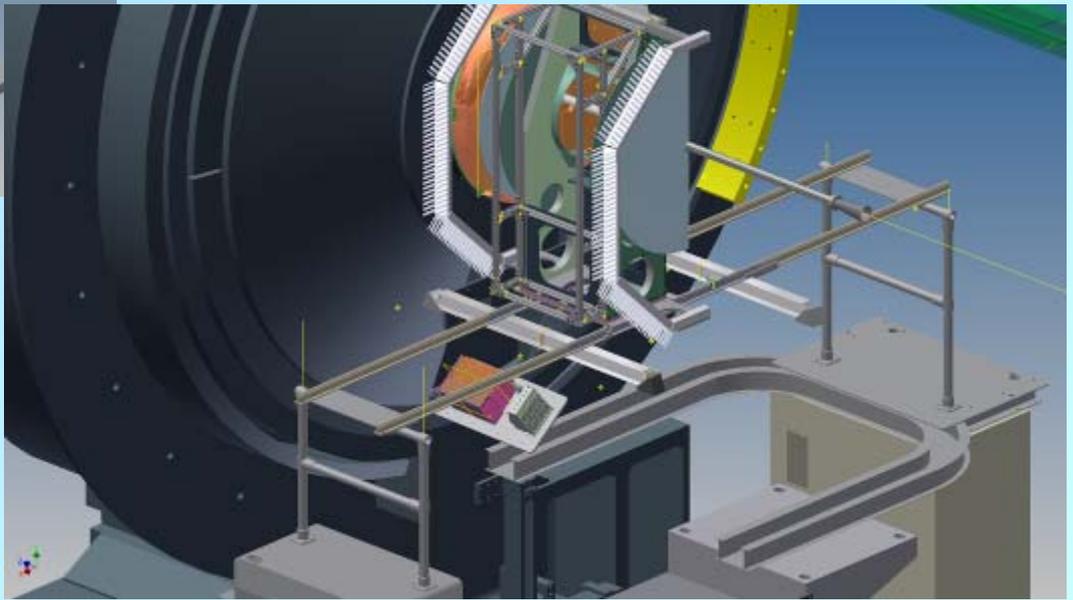
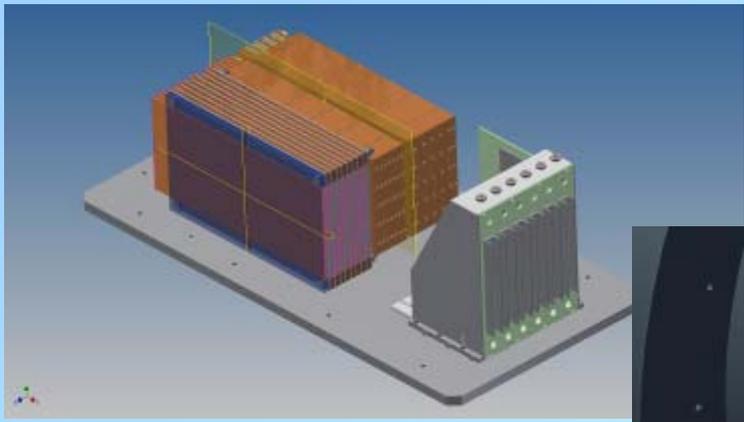
VTX flow meter work

MuTr capacitor test work: WP still in effect, notify CA for air sampling

Examine CM region for possible FoCal prototype mounting locations

FoCal Prototype Installation Plan

- Scout possible installation locations
- Assembly fixtures and parts design complete
- Materials ordered
- Assembly components placed with CS



Looking Ahead to the 2011 Shutdown

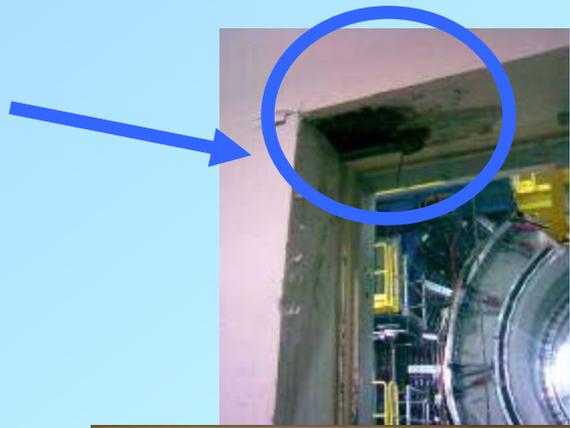
- Run 11 Ends 6/30/2010
- Shutdown Standard Tasks (Open wall, disassemble wall, Remove MuID Collars, Move EC to AH, etc.) 7/21/2010
- Disassemble VTX services 8/1/2010
- Remove VTX and transport to Chemistry Lab 8/15/2010
- BBC North maintenance 8/31/2010
- MuTr North Station 1 work 9/15/2010
- VTX maintenance and integration of FVTX onto VTX support structure 9/15/2010
- Install VTX&FVTX 9/30/2010
- Undefined detector subsystem maintenance and repairs 10/7/2010
- RPC1 and Absorber upgrades 10/7/2010
- Roll in EC 10/7/2010
- VTX and FVTX Services and commissioning 10/30/2010
- Prep for run 12 10/31/2010
- Run 12 cooldown 11/1/2010

Note: This schedule is for initial planning and discussion purposes only. More details for the various tasks is necessary before. A detailed schedule can be presented.

2010 Building Maintenance Issues

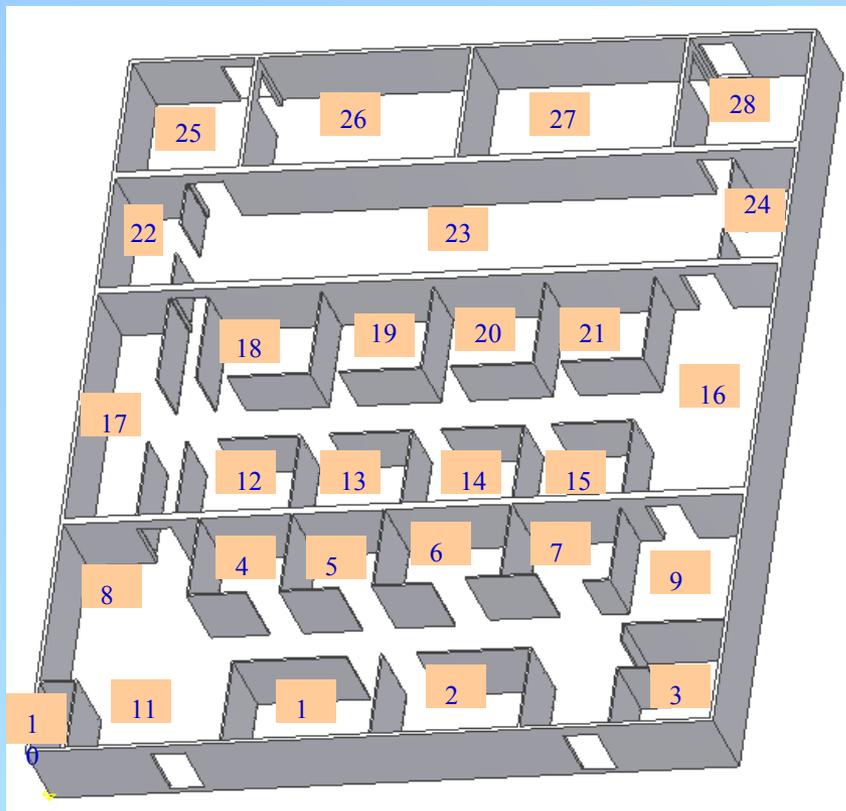
TECHNICAL SUPPORT

- Roof leaks in utility bathroom at northwest corner behind tech offices, over door between rack room and assembly hall, over door between control room and elect. ass'y room, southeast corner of IR and laser room.
- General maintenance for Trailer Offices (in progress)
 - Repair replace floor tiling as
- Flooding in AH/ Driveway heaving [Lake PHENIX]
- New projector for conference room
 - Add USB Repeater & network connection



Trailer Office Space Allocation

TECHNICAL SUPPORT ROOM



Note: Space is assigned by subsystem/support function not by individual or institution. Name/Group in parentheses is responsible for maintaining the assigned subsystem/ support function space. Changes to allocation must be approved by PHENIX Operations management.

Space Allocation for run 11

1. Elec. Engr P. Giannotti (P.Giannotti)
2. Run Coordinator/Chief Engr (D.Lynch)
3. Documents (P. Giannotti)
4. Electrician: (M. Rau)
5. Mu Tr (M. Leitch)
6. PbSc (E. Kistenev)
7. PHENIX Engineering (D.Lynch)
8. Engineering Documents (P.Giannotti)
9. Trailer Conference Area (P.Giannotti)
10. Computer Network Cage (P.Giannotti)
11. Printing & Fax (P.Giannotti)
12. PC (A. Oskarsson)
13. VTX (J. Koster)
14. TOF Aerogel (M. Shimomura)
15. RICH (A. Takahara)
16. BBC (T. Sugitate)
17. FEM Electronics Lab (J. Haggerty)
18. DAQ /Trigger (C. Chi)
19. DAQ (C. Chi)
20. DC (V. Riabov)
21. PbGI (J. Frantz)
22. Storage (C. Biggs)
23. Analysis Center (RC/PC)
24. MPC/RPC (M. Chiu)
25. Storage (C. Biggs)
26. Ladies' Bathroom (C-A)
27. Men's Bathroom (C-A)
28. Storage (C. Biggs)

PHENIX Procedure Review Current Status:

148 Procedures Identified

- 85 Made Inactive (not currently in use, will require revision to re- activate if and when necessary, available for reference purposes)
- 9 CAD procedures relevant to PHENIX, all are up to date and available on the CAD web site
- 42 PHENIX approved procedures.
all are current and up-to-date
- 11 Proposed/Draft Procedures (never previously formalized) (3 are ready for review) These will be addressed during next few months.

Web retrieval of latest procedures now available from PHENIX Internal:

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_procedures.htm

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Snow, snow, snow: long range predictions for the next month or so are for more of the same. Please be careful when outside and use common sense to stay safe. From the BNL ES&H Directorate we get these words of wisdom:

Given the weather and snow and ice conditions, please keep the focus and continue to be careful walking and driving. Freeze and thaw cycles are creating slippery patches of black ice that can and do cause people and vehicles to slip.

- Encourage staff to wear appropriate footwear for snow and ice conditions. If desired, change into dress shoes once inside.
- When exiting your vehicle, keep 2-handed contact with the car until you are sure of solid footing.
- Choose your route into and out from buildings deliberately, avoiding areas of snow and ice.
- Walk with your hands out of your pockets. It helps you balance if you slip.
- "Walk like a duck" over icy patches that can't be avoided.

Where To Find PHENIX Engineering Info



The Jets fell a little short this year, but we plan to be back next year.

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

http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm

