

# PHENIX WEEKLY PLANNING



1/20/2011  
Don Lynch

TECHNICAL SUPPORT 2011

### This Week:

Monday - Laboratory Holiday - Martin Luther King Day

First Maintenance Access Day

VTX strippixel ladder repair - successful

VTX flows balanced, VTX flowmeter failure

RPC work

Aerogel checked

PbGI FEM repaired

LPOL cables partially recovered

Continue support for new detector commissioning

Continuing mechanical, electrical and gas system support for Run 11

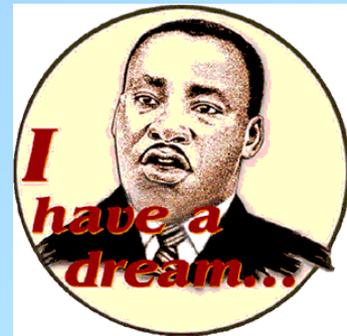
New stairs to VTX chiller platform

2010 Shutdown Post Mortem - Friday at 10:00 AM: engineers and techs:

Review 2010 Shutdown: How did we do? What can we do better in the future?

Plan for shutdown 2011

Future upgrades support

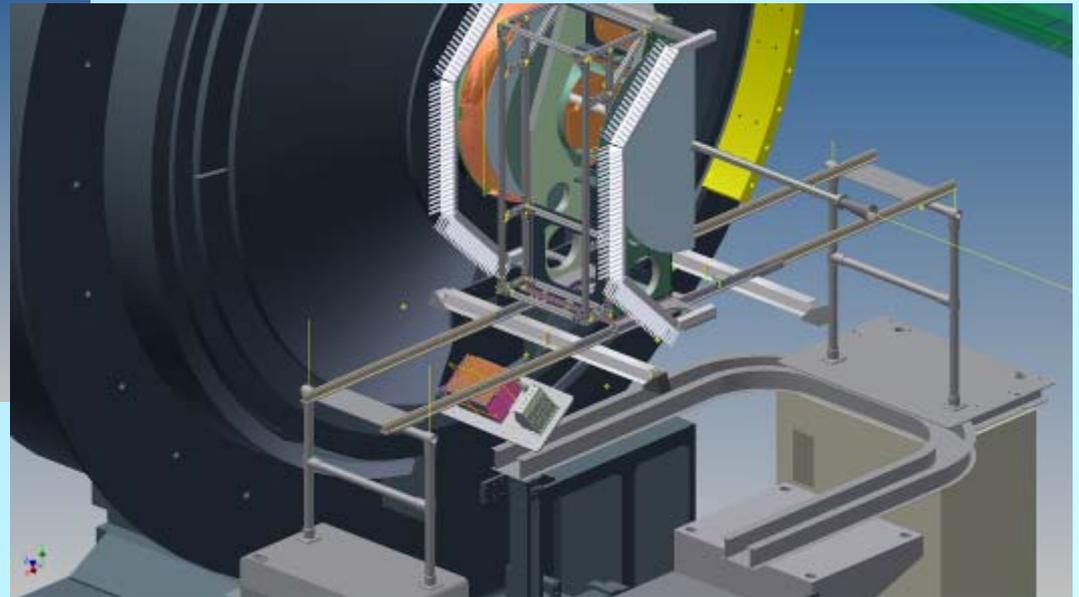
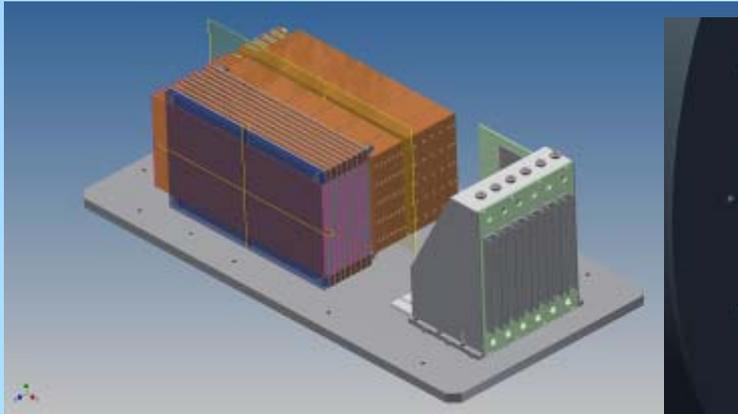


## Next Week

- Continue support for new detector commissioning
- Continuing mechanical, electrical and gas system support for Run 11
- Continue planning for shutdown 2011
- Future upgrades support

TECHNICAL SUPPORT

<u>Project</u>	<u>Task</u>	<u>Completion Date</u>	<u>Task Duration</u>	<u>Personnel reqmts</u>	<u>Notes</u>
PHENIX	Close out all 2010 shutdown WP's	Done			Done
PHENIX	End of shutdown party	Done			Done
PHENIX	Chiller platform fire detection and suppression	1/31/2011			In Progress



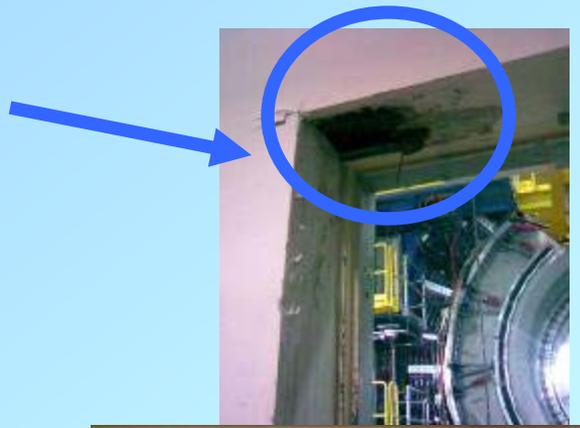
# Looking Ahead to the 2011 Shutdown

- 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

# 2010 Building Maintenance Issues

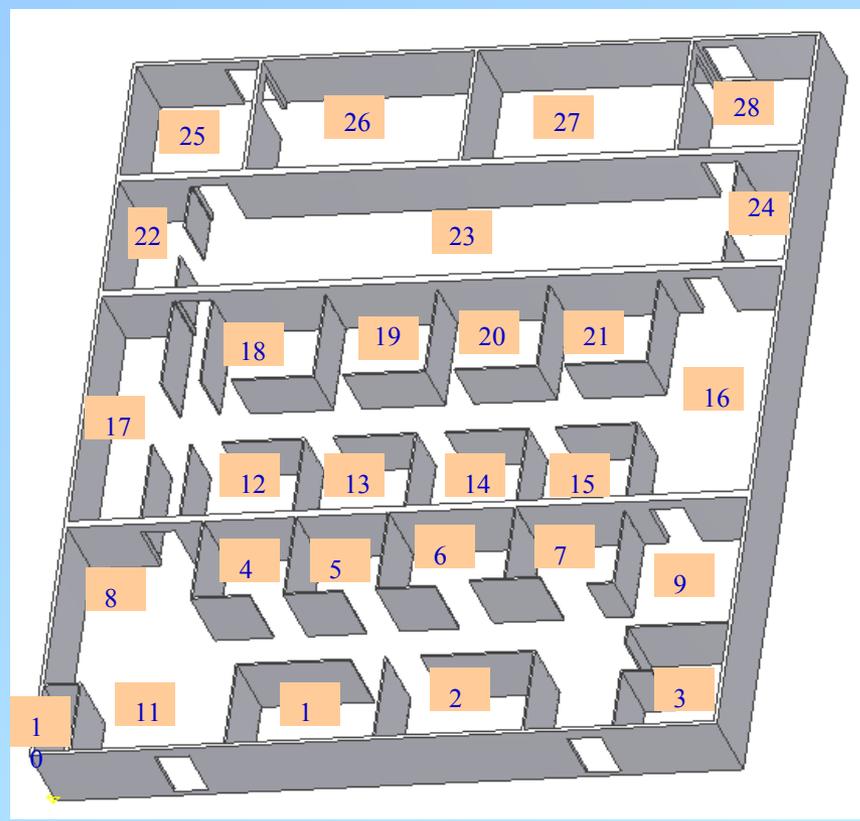
TECHNICAL SUPPORT

- 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 HVAC in Control Room and Conference Room - Done**
- New projector for conference room
  - Add USB Repeater & network connection



# Trailer Office Space Allocation

TECHNICAL SUPPORT ROOM



## 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)

*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.*

## 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](http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_procedures.htm)

1. A new document has been made available on the HSS Web Site: Safety Advisory 2010-07 Revised Counterfeit Integrated Circuits Indictment. Please go to :

[http://www.hss.doe.gov/csa/csp/advisory/SA\\_2010-07.pdf](http://www.hss.doe.gov/csa/csp/advisory/SA_2010-07.pdf)

to view this new posting.

2. OSHA will continue requiring independent safety testing for electrical devices

### 3. BNL Recent Injuries

1/10/11	First Aid	An employee reported a neck injury that occurred while mopping the floor. At the OMC, first aid was given.
1/10/11	First Aid	A contractor employee was injured when a grill cover fell onto their hand, causing a small puncture wound. At the OMC, first aid was given.
1/10/11	Pending	An employee was finished taking a CBT web course, stood up from the chair and his left knee popped. He went to the OMC who advised him to follow up with an orthopedic doctor. The OMC is evaluating if this is work related.
1/7/11	Recordable	An employee slipped and fell on ice in the parking lot just after arriving for work. At the OMC, first aid was given and the employee was sent off-site for x-rays. The outside MD prescribed medication making this recordable.

4. Snow tonight- Latest forecast is for snow, mainly after midnight with accumulations of 2-5 inches likely by Friday Afternoon. Check 344 - INFO before coming to the lab Friday morning and drive carefully coming to and driving around the lab.

# Where To Find PHENIX Engineering Info

AFC & NFC Championship Games start Sunday at 3:00PM (NFC) with the Bears and Packers

Jets/Steelers in the AFC game starting at 6:30 PM



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

