

# PHENIX WEEKLY PLANNING

TECHNICAL SUPPORT ZONE



1/26/2012  
Don Lynch

# This Week

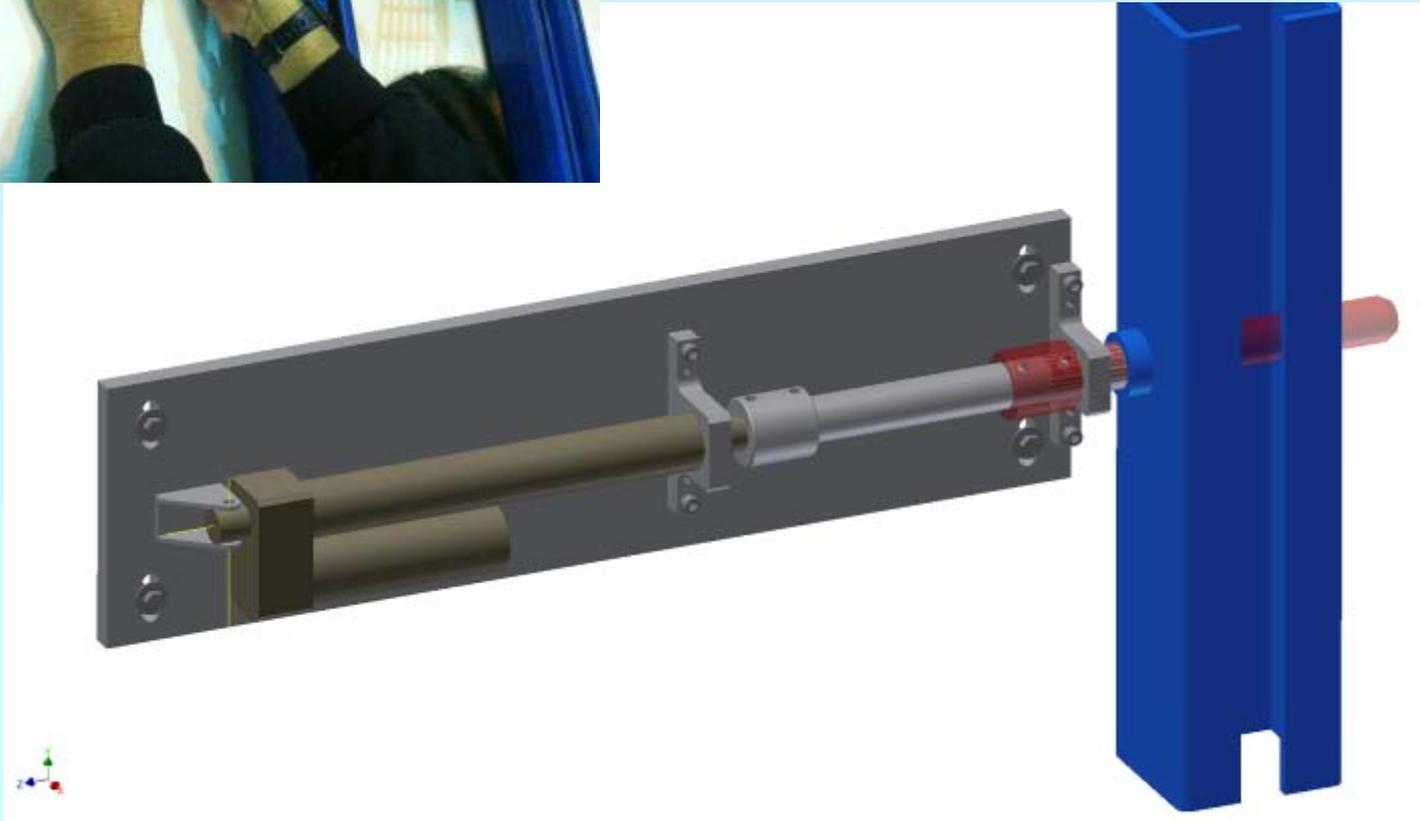
- Continue RPC1 N & S commissioning
- VTX/FVTX LV, HV, signal, fiber and thermocouple and plumbing verification and commissioning
- Cosmic Ray Tests
- Address Safety Walkthru items
- Run 12 beam commissioning
- DC repairs
- VTX/FVTX chiller leak and electrical failure repairs
- AH Crane repairs
- MPC North rack assembly

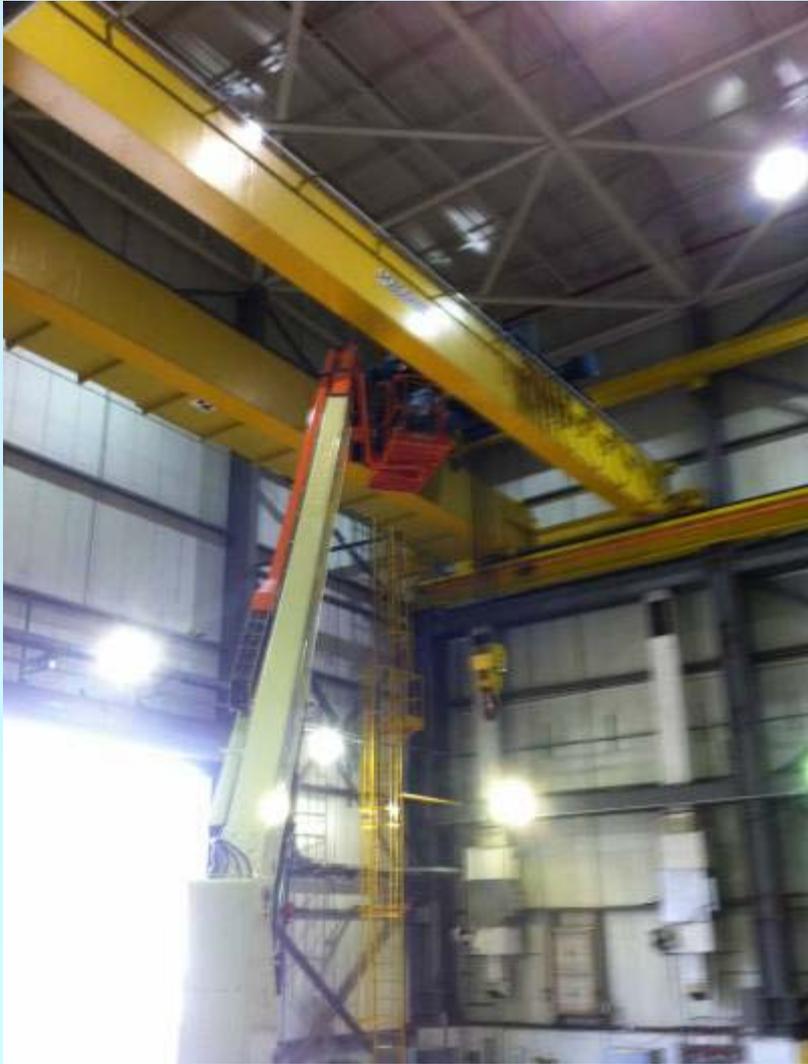
## Next Week

- Continue RPC1 N & S commissioning
- VTX/FVTX LV, HV, signal, fiber and thermocouple and plumbing verification and commissioning
- Cosmic Ray Tests
- Run 12 beam commissioning
- Limited access to IR
- MPC North rack assembly
- Planning and preparation for 2012 shutdown
- Groundhog Day



Window Washer Safety Pins:  
Remote insertion/retraction





10 ton crane repair



Rough Schedule:

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Run 12 Ends	6/15/2012
Shutdown Standard Tasks	6/15-7/13/2012
• Open wall, disassemble wall, Remove MuID Collars,	
• Move EC to AH, etc.	
Disassemble VTX/FVTX services	7/2-7/20/2012
Remove VTX/FVTX and transport to Chemistry Lab	7/20/2012
Remove MMS & MMN vertical East lampshades	7/23-7/27/2012
MuTr South Station 1 work	
Install access (Sta. 1 work platforms)	7/23-7/27/2012
Disconnect Cables, hoses etc, ID/label all	7/30-8/3/2012
Remove FEE plates and chambers	8/6-8/10/2012
Station 2 Terminators and manifold upgrade through	8/13/-8/31/2012
access opened by station 1 removal	
Clean/install new MuTr Sta. 1 chamber parts and upgrades	8/13/-8/31/2012
(concurrent At RPC Factory)	
Re-install chambers and FEE plates	9/4-9/7/2012
Re-cable, re-hose and test	9/10-9/28/2012
Repair upgrade, test, reinstall VTX/FVTX	7/23-9/17/2012
Station 3 North and South (upper half)	7/23-9/30/2012
re-capacitation and air manifold upgrades	
RPC stations 1 and 3, north and south maintenance	As required
Other detector maintenance as required	As required
Infrastructure maintenance as required	As required
TBD prototype tasks	As required
pre-reun commissioning and prep for run 13	10/1-11/30/2012
Start run 13	12/1/2012

# Infrastructure Issues

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- 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.



- Flooding in AH/ Driveway heaving



- Electronics test/assembly room-to-parking lot door (does not open/close/lock properly - needs to be replaced)

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1.From Ray Karol: Please remind your Groups and workers (including non-C-AD workers that work for you) that any work on Access Controls; which includes the original relay system, PASS and ODH PASS (including ODH fans); must be planned on a green work permit with C-AD as a moderate ESH hazard work. This is required as per [OPM 2.28.h](#), page 2 lower right-hand column under the "Moderate Hazard Task Listing". This lists "Access Controls Issue" which includes the ODH portion of PASS. Access Controls equipment including chipmunks, panels, breakers, etc., are labeled with a special "Orange Tag" shown at

[http://www.c-ad.bnl.gov/ESSHQ/Orange\\_Tags.pdf](http://www.c-ad.bnl.gov/ESSHQ/Orange_Tags.pdf)

You need to read and follow the directions on these tags before you touch any labeled Access Controls component. This includes every day contact not just at the beginning of the job because conditions requiring the equipment could change and this is only known by the Access Controls Group.

2. RHIC Tunnel is now ODH-1, Entire RHIC facility is now posted as a Controlled Area.

3. PHENIX Engineers and Technician review of 2011 shutdwn projects on Feb. 7 at 10:00 AM.



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The follow items were noted during yesteday's safety walkthru:

Checklist Item #	Initial	Title *	Description Of Check-Off List Item	Priority
<b>CK-PHENIX-12-01</b>		<b>ESRC</b>	<b>All relevant ESRC action items closed.</b>	<b>Done</b>
CK-PHENIX-12-02		EC	Laser: Provide the interlock test log for the laser to Asher Etkin	Post start
CK-PHENIX-12-03		EC	AB: A general clean up	Post start
<b>CK-PHENIX-12-04</b>		<b>EC</b>	<b>AB: Cap the gas cylinder under the VTX cooling platform</b>	<b>Done</b>
<b>CK-PHENIX-12-05</b>		<b>EC</b>	<b>IR: Label the disconnected cables (West side)</b>	<b>Done</b>
<b>CK-PHENIX-12-06</b>		<b>LE</b>	<b>IR: Replace damaged floor gratings</b>	<b>Done</b>
CK-PHENIX-12-07		LE	IR: Add a plug to the white pipe (West wall)	Pre Start
<b>CK-PHENIX-12-08</b>		<b>LE</b>	<b>IR: Remove dunnage by the emergency exit</b>	<b>Done</b>
CK-PHENIX-12-9		EC	GMH: general clean up	Post Start

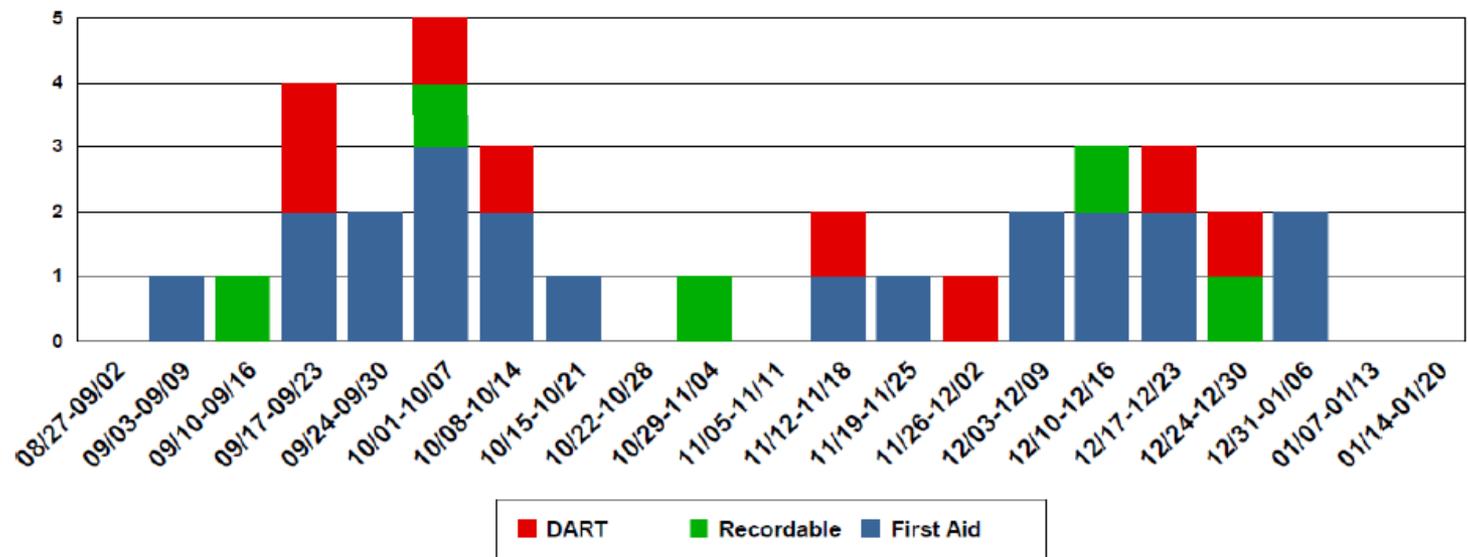


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CK-PHENIX-12-10		EC	GMH: Put liquids in a flammable enclosure	Post Start
<b>CK-PHENIX-12-11</b>		<b>EC</b>	<b>GMH: Remove items from cabinet tops and remove the card boxes.</b>	<b>Done</b>
<b>CK-PHENIX-12-12</b>		<b>EC</b>	<b>GMH: Label the gray disconnected cable</b>	<b>Done</b>
CK-PHENIX-12-13		LE	Tunnel S: remove red danger tape and provide access to the MulD gas panel.	Pre Start
CK-PHENIX-12-14		**	Tunnel S: A decision is needed on the wooden scaffolding for the exhaust fan	Post Start
CK-PHENIX-11-15		MCR GL	Check off list is complete	Pre start

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**Injuries Per Week**  
As of 1/20/2012



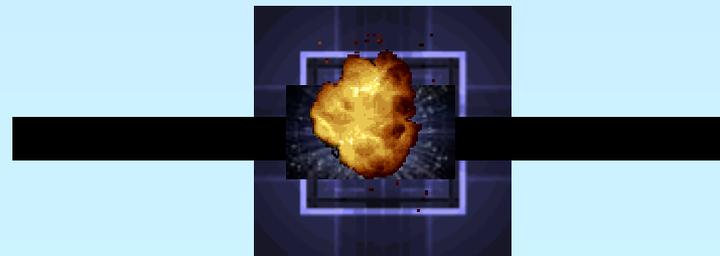
**Injury Status:**  
 FY12 YTD: DART – 6, TRC – 10, First Aid – 16  
 FY11: DART – 27, TRC – 42, First Aid – 45  
 FY10: DART – 19, TRC – 33, First Aid – 52

Recent Injuries		
		None

Recent Events		
1/12/12	SC-BNL	On January 12, 2012, a weather event caused a disruption to the Power Distribution Unit and flywheel, which resulted in a failure of power to the Brookhaven Computing Facility. Most equipment was returned to service within a few hours. The Blue Gene L computer was unable to return to service until the evening of January 14, causing a program disruption.

## Where To Find PHENIX Engineering Info

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*Run 12 is moving along. Now  
let's bash some ions together*

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)

