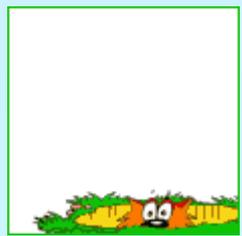


# PHENIX WEEKLY PLANNING

TECHNICAL SUPPORT ZONE



2/2/2012  
Don Lynch

## This Week

TECHNICAL SUPPORT ZONE

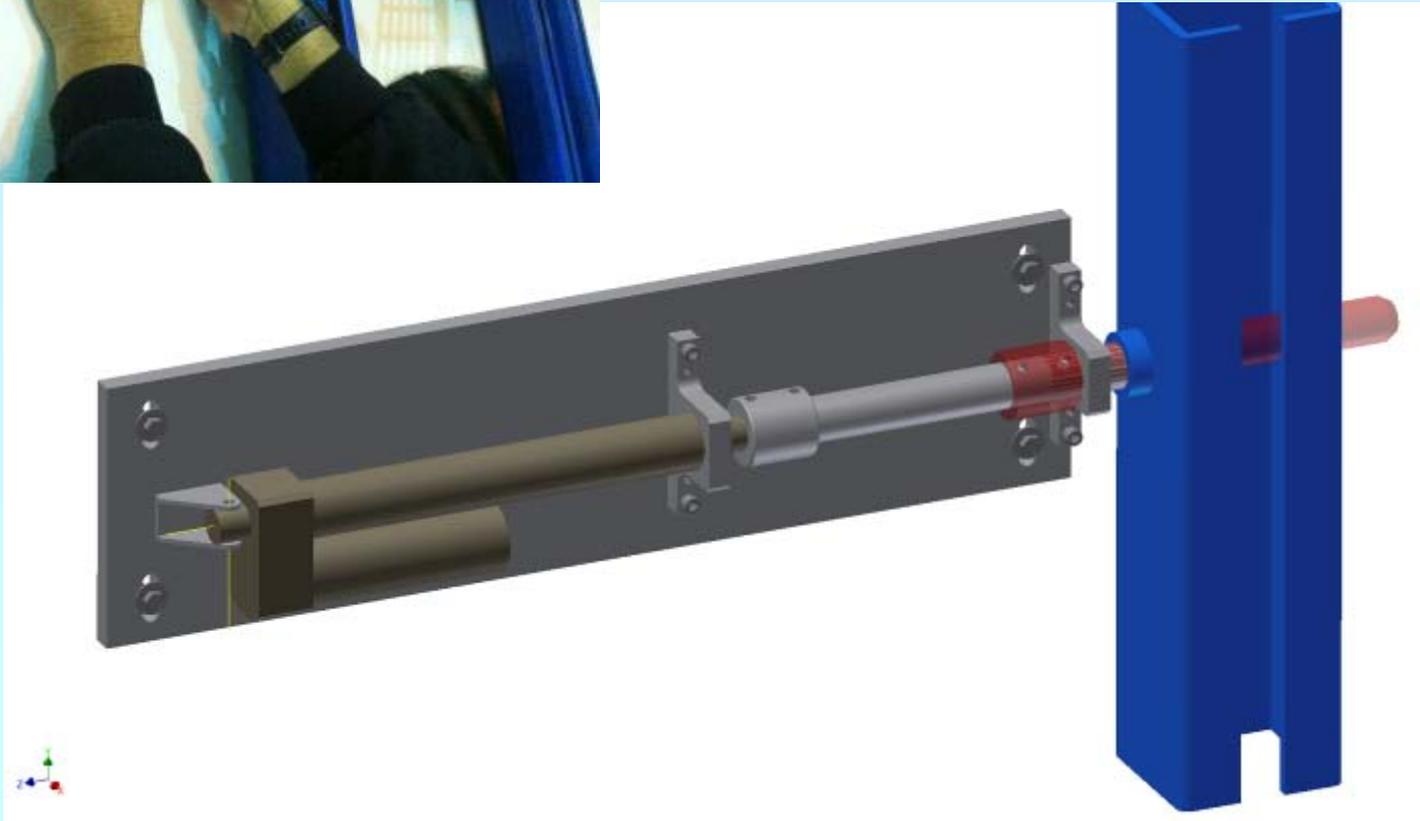
- New detector commissionin commissioning
- Cosmic Ray Tests
- Run 12 beam commissioning
- Limited access to IR
- MPC North rack assembly
- Planning and preparation for 2012 shutdown

## Next Week

- New detector commissionin commissioning
- Cosmic Ray Tests
- Run 12 beam commissioning
- First scheduled maintenance Day - Wed. 2/8/12 8 hr restricted access to IR and tunnels?
- MPC North rack assembly
- Planning and preparation for 2012 shutdown

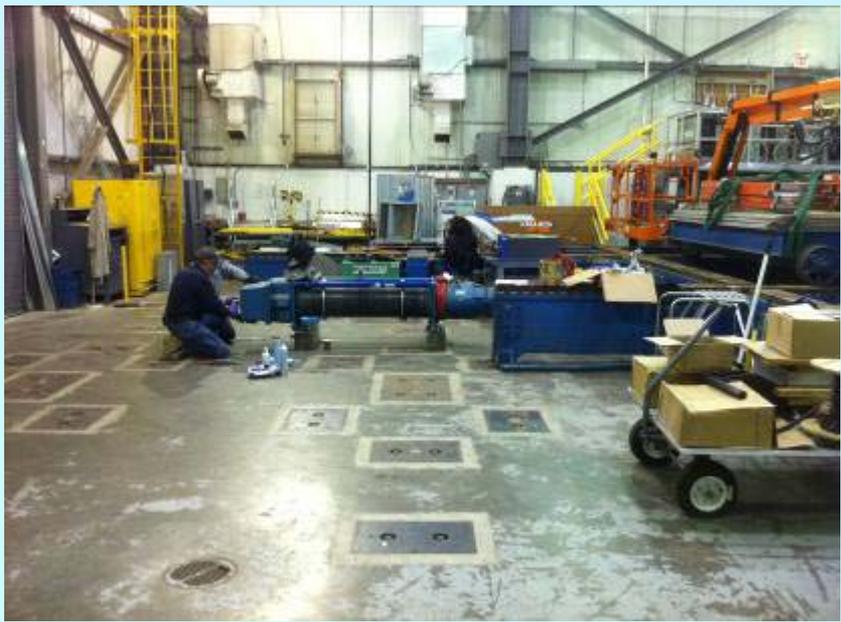


Window Washer Safety Pins:  
Remote insertion/retraction





10 ton crane repair



Rough Schedule:

TECHNICAL SUPPORT ZONE

Run 12 Ends	6/15/2012
Shutdown Standard Tasks	6/15-7/13/2012
<ul style="list-style-type: none"> <li>• Open wall, disassemble wall, Remove MuID Collars,</li> <li>• Move EC to AH, etc.</li> </ul>	
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. 1work 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 access opened by station 1 removal	8/13/-8/31/2012
Clean/install new MuTr Sta. 1 chamber parts and upgrades (concurrent At RPC Factory)	8/13/-8/31/2012
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-run commissioning and prep for run 13	10/1-11/30/2012
Start run 13	12/1/2012

# Infrastructure Issues

TECHNICAL SUPPORT ZONE

- 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



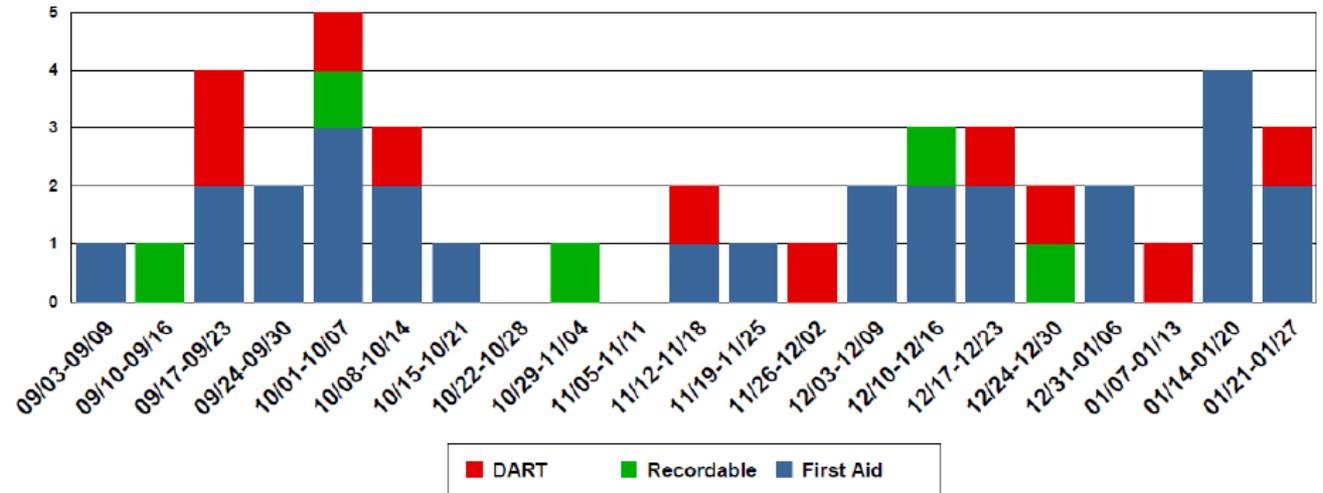
- Electronics test/assembly room-to-parking lot door (does not open/close/lock properly - needs to be replaced)

TECHNICAL SUPPORT TRAINING

1. Due to a travel conflict, the PHENIX Engineers and Technician review of 2011 shutdown projects is moved from Tues Feb. 7 at 10:00 AM to Thurs Feb 9 at 10:00 AM.
  
2. C-A Procedure for Work Planning for Experimenters, REV 06 (C-A-OPM 2.29):  
New in this revision:
  - Info on hierarchy of controls to be considered when preparing enhance work permits (green sheets) – Elimination, substitution, engineering, administration, PPE.
  - Info on completing work – make sure area is left in satisfactory condition – proper disposition of wastes (radioactive, industrial, hazardous and mixed, reconciling chemical inventory, disposition of experimental equipment, appropriate decontamination (chemical, biological, radiological as appropriate), continued monitoring as appropriate (lead, cadmium, beryllium, asbestos as appropriate, general housekeeping, updates to postings
  - Records to be maintained for 75 years



### Injuries Per Week As of 1/27/2012



**Injury Status:**  
 FY12 YTD: DART – 8, TRC – 12, First Aid – 22  
 FY11: DART – 27, TRC – 42, First Aid – 45  
 FY10: DART – 19, TRC – 33, First Aid – 52

Recent Injuries		
1/24/12	First Aid	An employee was pushing a wagon of water bottles and strained a shoulder. At the OMC, first aid was given.
1/23/12	DART	An employee slipped and fell while walking over snow and ice-covered pipes, injuring both knees. After examination at the OMC, x-rays were taken off-site that were negative for fractures. The employee was out of work the next day. This is Recordable and a DART case.
1/23/12	First Aid	An employee injured his arm pulling on a wrench. At the OMC, first aid was given.
1/20/12	First Aid	An employee fell in the hallway after stepping on a folder that was dropped and injured their leg. At the OMC, first aid was given.
1/20/12	First Aid	An employee was walking to his car at lunchtime and slipped on ice, falling on his knees. At the OMC, first aid was given and he returned to work.
1/20/12	First Aid	Two employees were working on ladders. As one pulled on a wrench, it slipped off and struck the co-worker, cutting his head. At the OMC, first aid was given.
1/19/12	First Aid	An employee injured a knee when stepping down from a curb. At the OMC, first aid was given.
1/13/12	DART	A contractor was leaving work when he fell and injured a knee. He was examined at the OMC and transported to a local ER.

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**Recent Events**

1/24/12	SC-BNL	While cleaning out old legacy relays and wiring in the old AGS Target Desk in B912, an old legacy 12-24 VDC wire was cut by mistake. This opened the circuit in the old B912 evacuation alarm system that links with the B912 fire alarm system. This caused a spurious fire alarm resulting in a BNL Fire/Rescue response to B912. The alarm was not caused by a fire or any unsafe condition requiring building evacuation. The evacuation alarm is a legacy system that was in use until 1990s when liquid hydrogen targets were used in B912 during the high energy physic program.
1/24/12	SC-4	At 1310 F&O found that the B1004A RHIC RF Service Building AC unit had half of its Freon (R-22) leak to atmosphere and about a quart of mineral oil leak to the soil (which was in the Freon as a lubricant). Fire Rescue was called and they determined the leak of mineral oil was only one quart. F&O is in the process of cleaning up the soil that has the oil in it. They are also determining what caused the Freon piping to fail releasing the R-22. The reportable quantity for Freon 22 is 1 pound and this will be reported to the NY DEC in a non-routine report, thus triggering ORPS. This is an SC-4 ORPS Report.
1/23/12	Non-Reportable	During construction activities over the weekend to remove the mastic which was used for floor tiles on the 2nd floor of Chemistry, some of the non-toxic soy-based liquid remover leaked through the 2nd floor through the first floor ceiling and onto the floor of two first floor labs. One lab had minor leakage, the other lab had leakage that covered a floor area of ~10 ft x 10 ft. There were no injuries, overexposures, or environmental impacts caused by this event.
1/23/12	Non-Reportable	Two private vehicles had an accident at ~0930 on Cornell Ave. in front of B901. No injuries. Both drivers refused medical treatment. No oil or antifreeze leaks. One vehicle is being towed offsite.
1/20/12	Non-Reportable	At approximately 2pm, warehouse workers noticed a small pinhole leak in the bottom of a 5 gallon metal container of acetone. They called Fire/Rescue, who responded and put the leaking container into secondary containment and put the container outside. There was no release to the environment, and no personnel exposure above limits.

# Where To Find PHENIX Engineering Info



*Happy Groundhog's Day!!*



*This morning Punxsutawney Phil saw his shadow indicating 6 more weeks of winter. Alabama's Birmingham Bill, and NC's Sir Walter Wally agree.*

*Other lesser know groundhog/weather prognosticators say spring is around the corner: Staten Island's Chuck, Ohio's Buckeye Chuck, Georgia's General Beauregard Lee,*

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)

