

PHENIX WEEKLY PLANNING



Dec. 19, 2013
Don Lynch

This Week

PHENIX
 TUNING
 SUPPORT
 WORK

- Finish FVTX/VTX services and cooling/ begin commissioning
- Complete MPC-Ex Installation
 - Remove MPC-Ex installation tool - **Done**
 - Finish MPC-Ex rack assembly & Install on MMS MuTrigger rack
 - Install LV cables from MPC-Ex rack - **Done**
 - Install bias cables from MPC-Ex rack - **Done**
 - Install control cables from MPC-Ex rack - **Done**
 - Assemble MPC-Ex FEM's - **waiting for parts**
 - Install FEM's - **waiting for parts**
 - Install signal cable to FEM's - **waiting for parts**
 - Install fiber from MPC-Ex rack to MPC-Ex FEM's - **waiting for parts**
- Remove, disassemble and stow station 1 South scaffolding - **Done**
- Begin IR & EC prep for move to IR
 - Remove manlifts from IR - **Done**
 - Remove deck plates from IR - **Done**
 - Move MuID Collars into IR hold position - **Done**
 - Remove 12 ton cart from IR - **Done**
 - Roll in EC
 - Begin Re-connecting gas sniffers, water, elect., gas, fibers to EC
 - Begin Fold down EC platforms & reinstall dumb waiter (carpenters)
- Prep for DC West repairs (install platform move WC)
- Continue sPHENIX support
 - HCal prototype assembly
 - EMCal prototype assembly
 - Tilting/rotating Support Structure assembly & test
- Future IR evolution modeling
- PHENIX Annual Safety Review: Done, waiting for action item list

Next Week

- Finish EC hookup & prep for run
- Begin Pink Sheets
- DC West broken wire repairs
- Christmas Eve Holiday (1/2 day)
- Christmas Holiday
- Continue sPHENIX support
 - HCal prototype assembly
 - EMCal prototype assembly
 - Tilting/rotating Support Structure assembly & test
- Future IR evolution modeling



VTX/FVTX

FVTX/VTX East & West
Installed survey in IR, survey
to be completed today, ready
for commissioning by end of
this week.

DC East & West Repairs Summary of Tasks

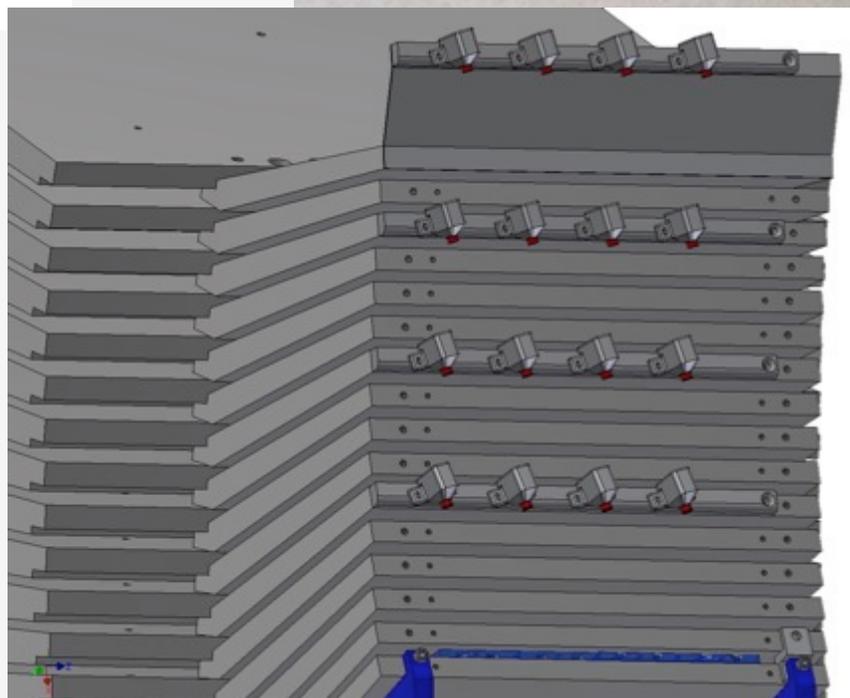
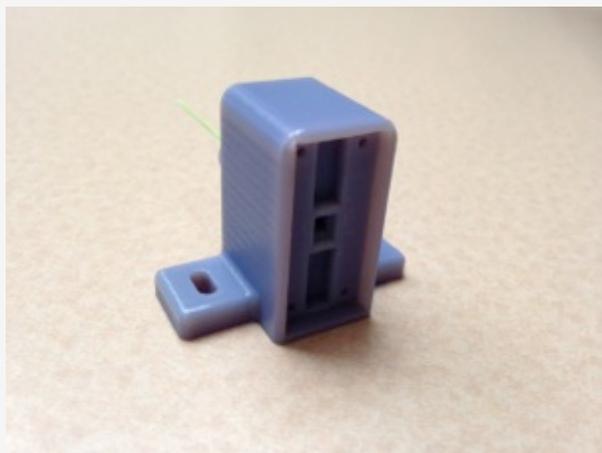
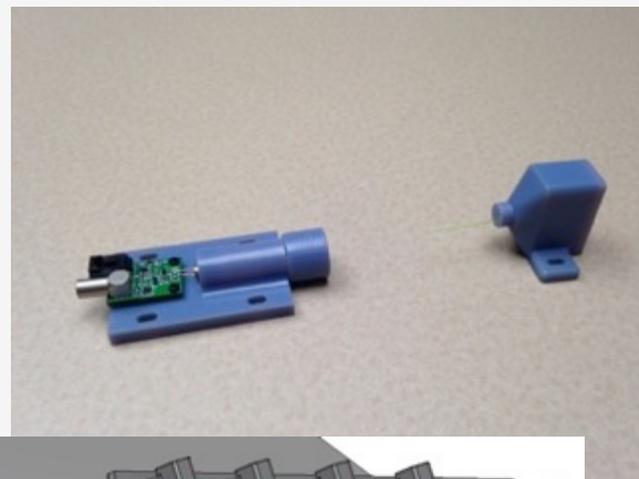
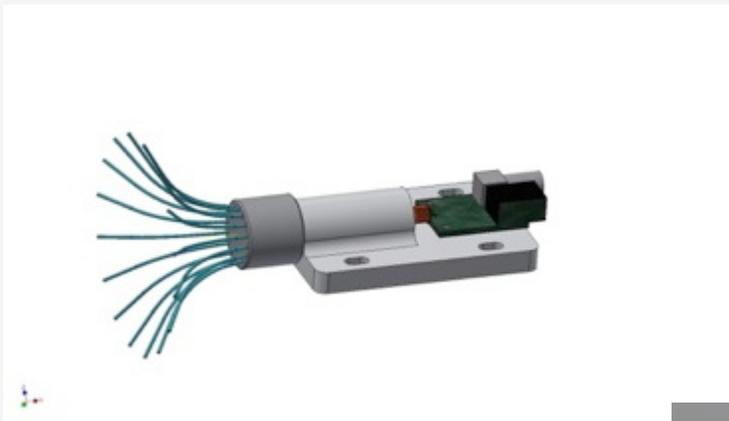
- DC West broken wire removal - 12/15 - 12/30



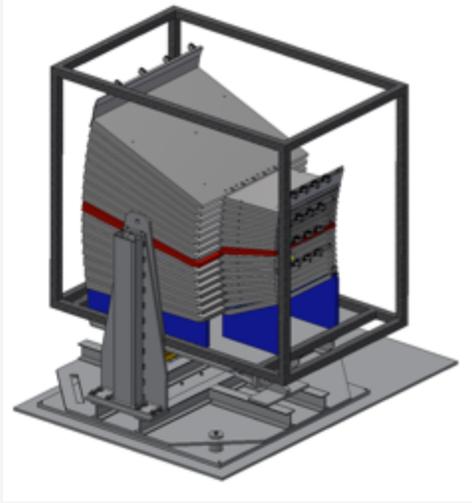
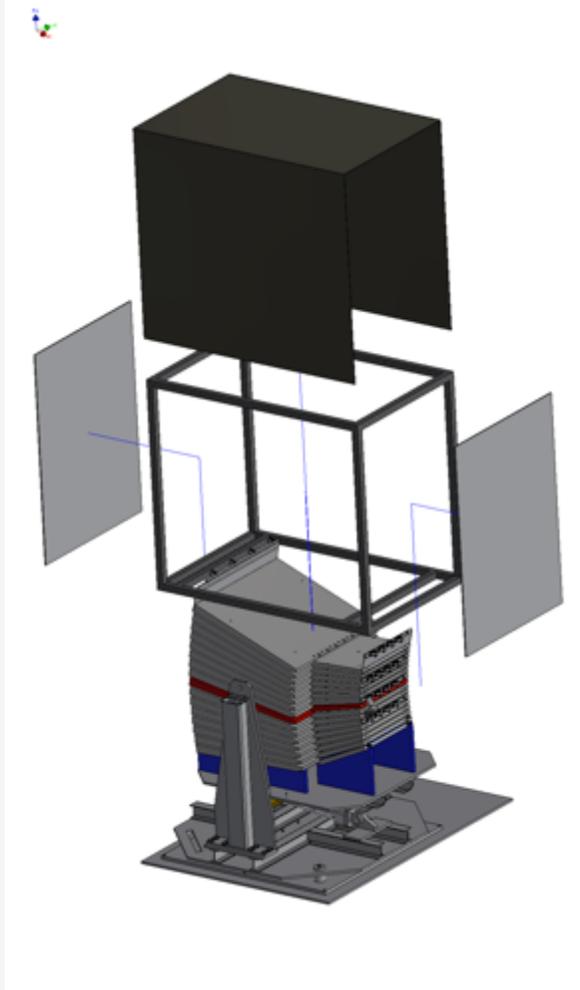
PHENIX
SOUTH
WEST

PHENIX HCal

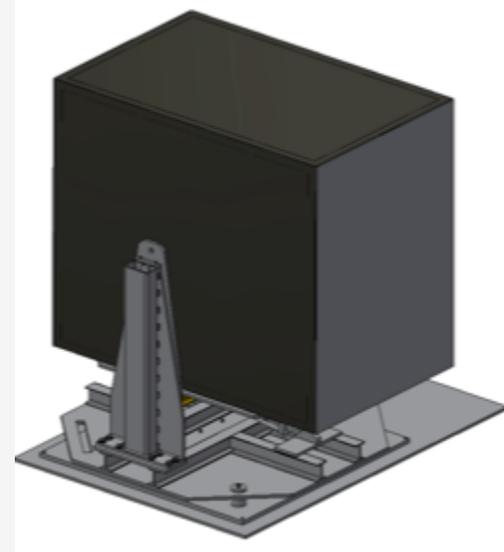
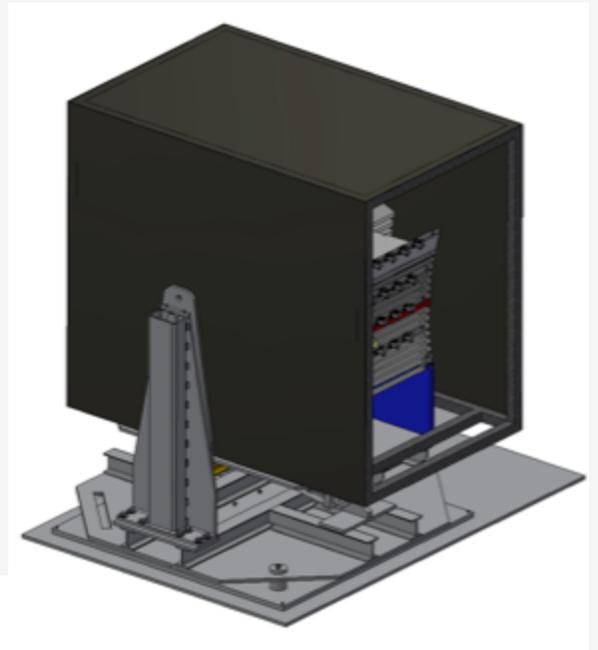
Light Collection for HCal



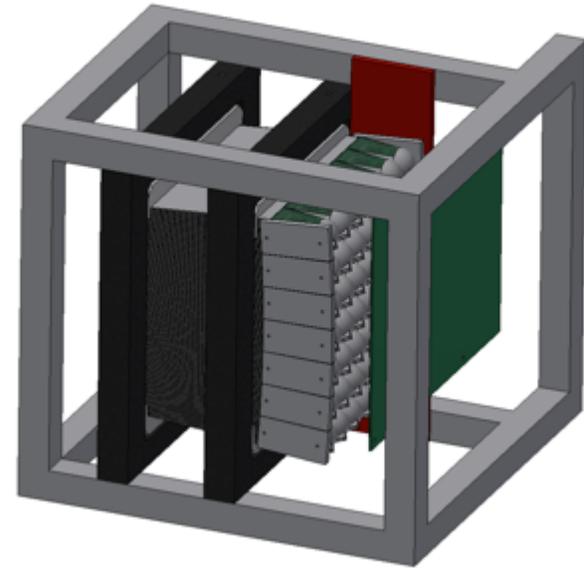
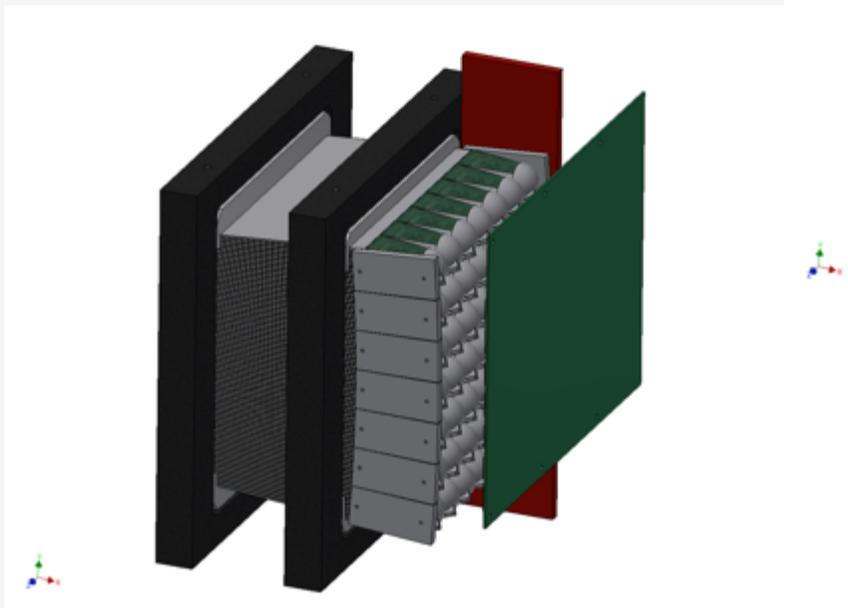
PHENIX LIGHT-TIGHT ENCLOSURE



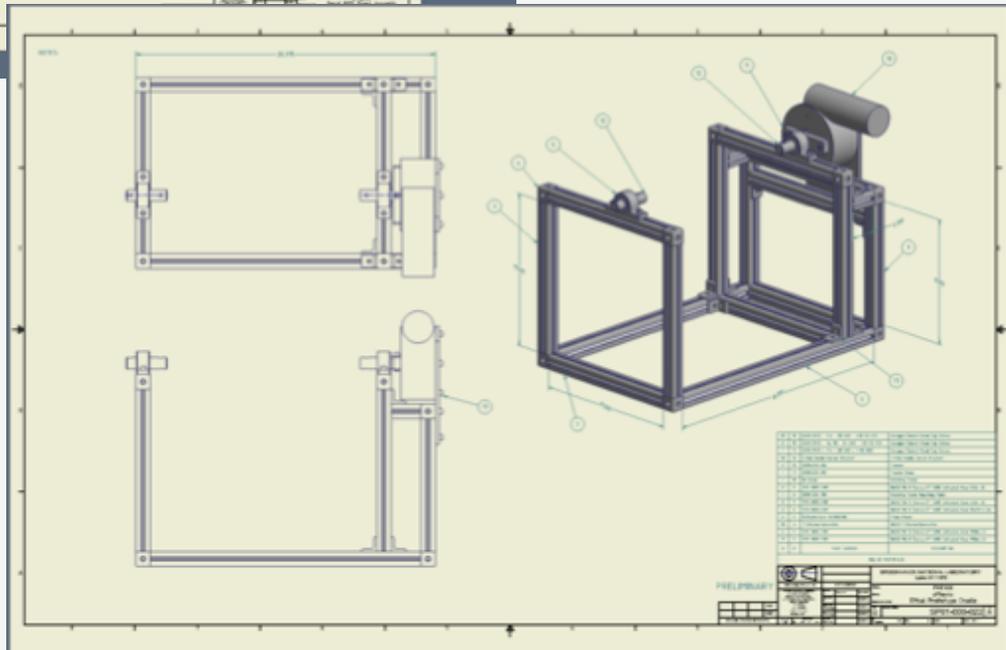
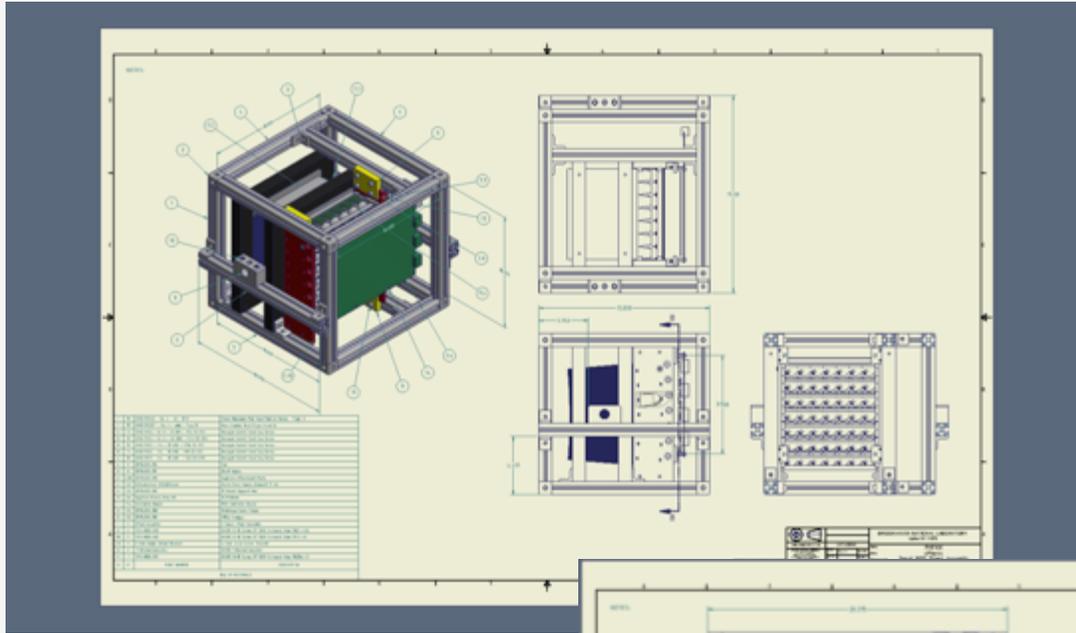
Hcal Light-Tight Enclosure



EMCal Prototype

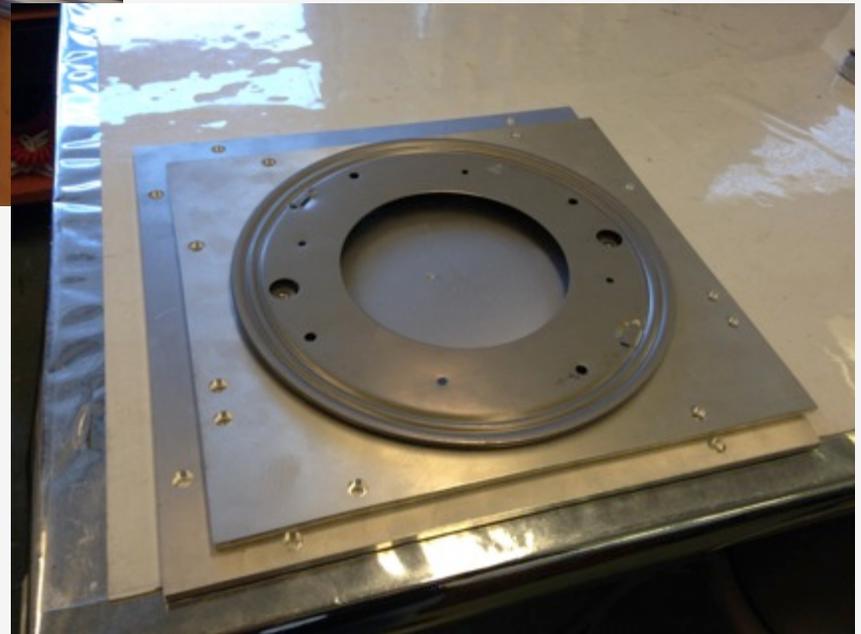


EMCal Support

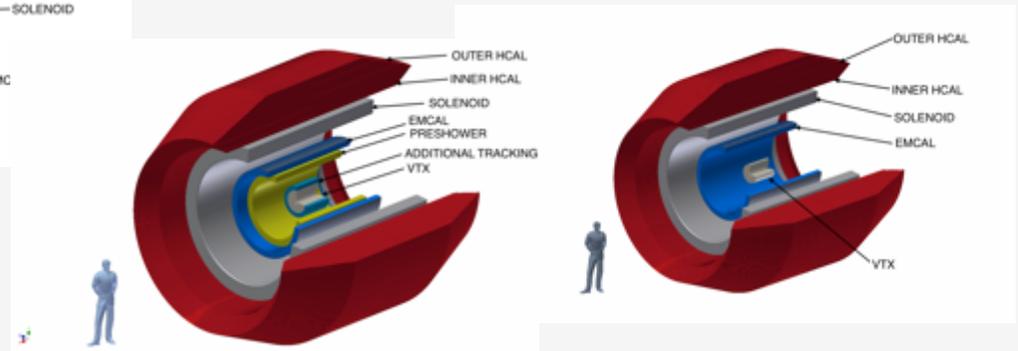
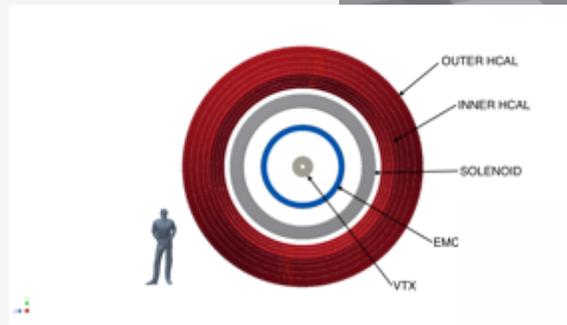
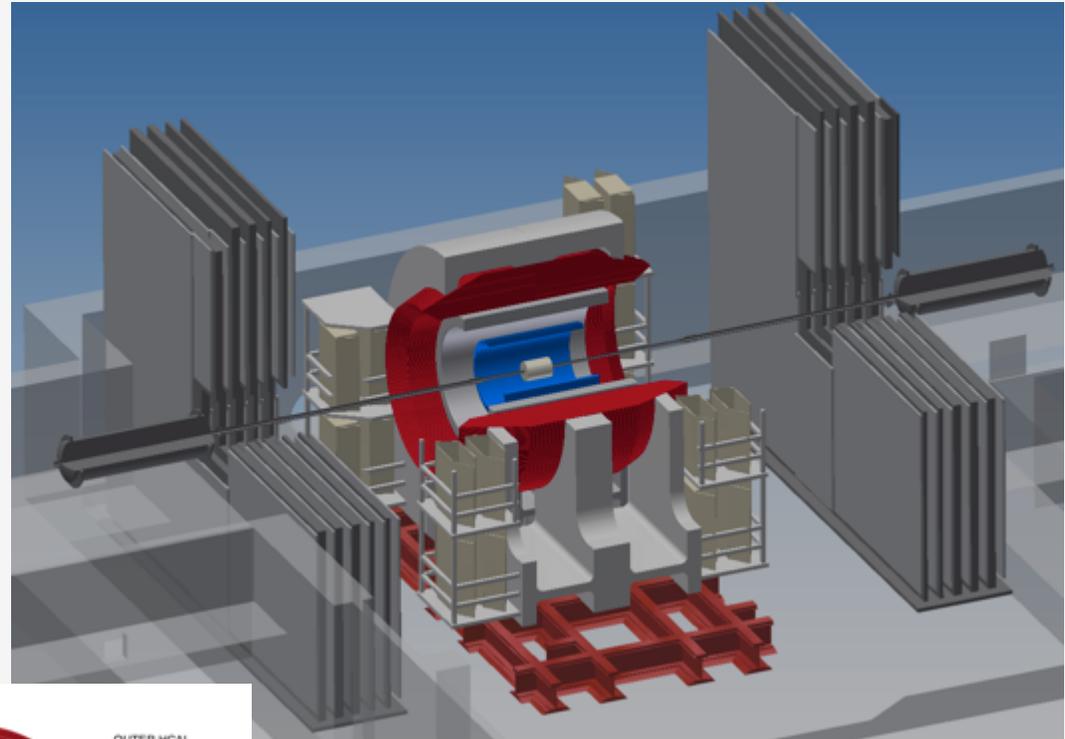
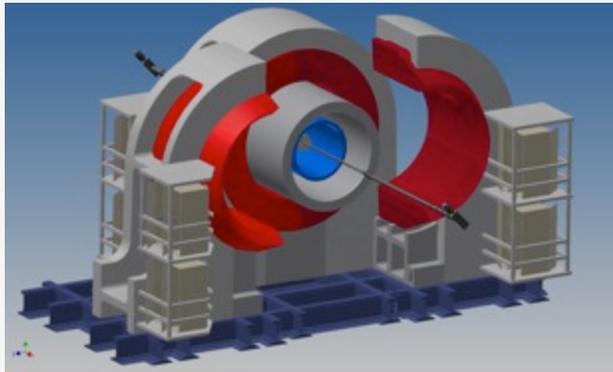




EMCal Support Structure Parts

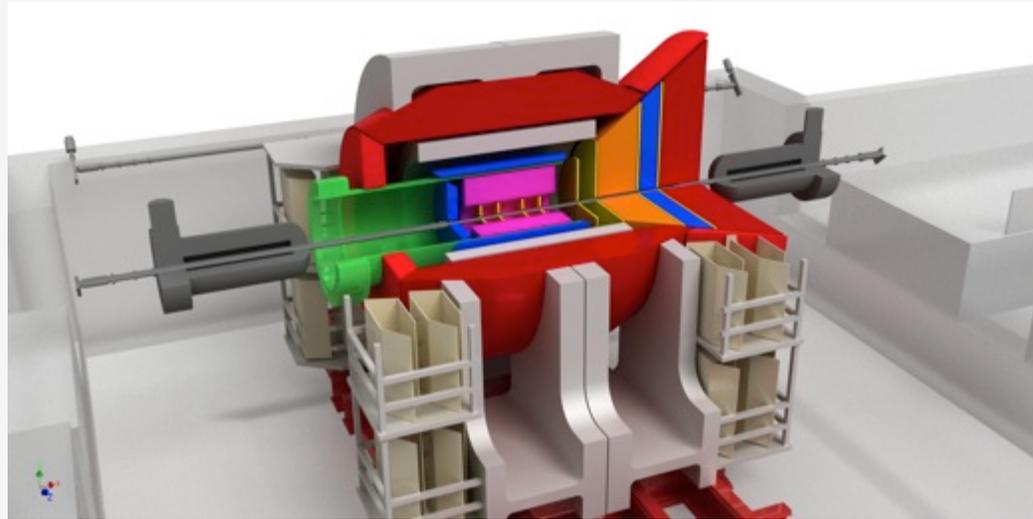


PHENIX PROPOSAL SUPPORT WORK

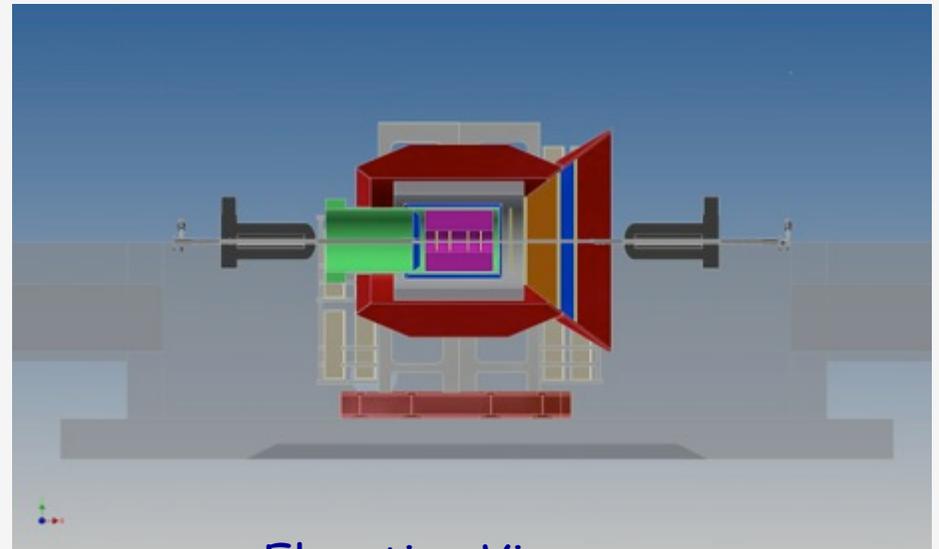
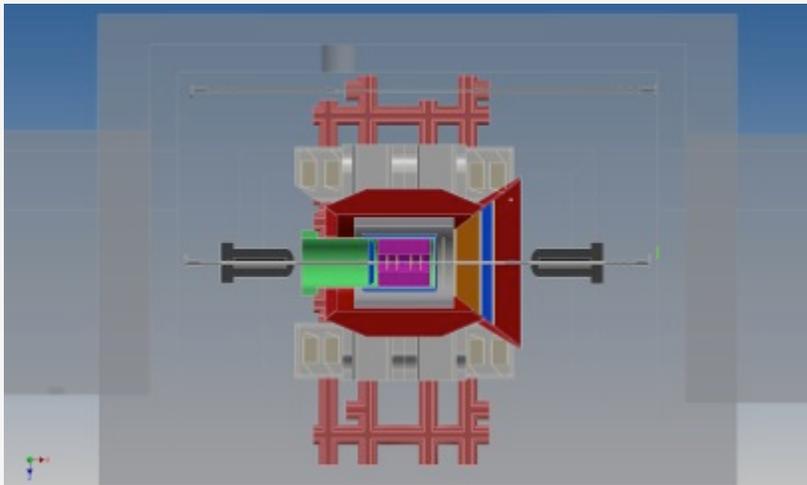


sPHENIX Modeling support for updated MIE

ePHENIX



Plan View



Elevation View

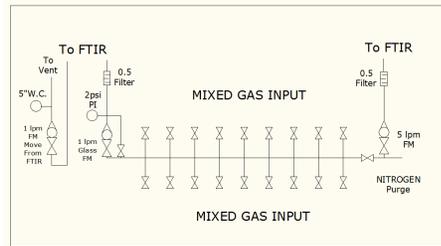


Re-Insulate Glycol lines

- ❖ Remove old polyethylene insulation and wrap and replace with foam rubber insulation.
 - Temp of fluid is affected too much by temp change in the gas house.
 - Lines are condensing and dripping because of gaps in insulation.

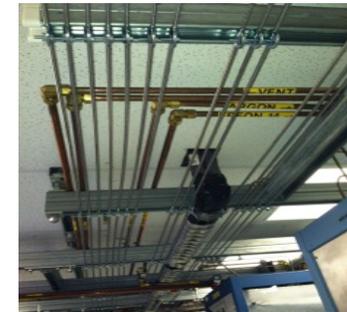
GMH Tasks:

Also need to complete Analyzer piping



Simple Manual Distribution Panel

System almost completed.
Will be ready for run 14



Remaining 2013 Shutdown Schedule

PHENIX
 SHUTDOWN

sPHENIX HCal & EMCal Prototype Assembly/test	8/19-1/20/2014
VTX/FVTX Bias, LV and signal Cabling and Cooling distribution	Done ?
MPC-Ex LV, Bias and signal cabling and cooling distribution	Done
MPC-Ex installed acceptance tests	Done
Remove and stow station 1 south scaffolding	Done
Pre-run commissioning and detector prep testing for run 14	12/9-1/31/2014
Prep for EC roll in (remove fibers, cooling water and gas)	Done
Remove manlifts from IR	Done
Remove deck plates from IR	Done
Move MuID Collars into IR hold position	Done
Remove 12 ton cart from IR	Done
Roll in EC to run position	12/18-12/19/2013
Re-connect gas sniffers, water, elect., gas, fibers to EC	12/20-12/24/2013
Fold down EC platforms & reinstall dumb waiter (carpenters)	12/20-12/24/2013
Reconnect EC dumbwaiter lift wiring and TOF blowers	12/26-12/27/2013
Move MMS to run position	12/26-12/27/2013
Install the MuID collars	12/26-12/27/2013
DC West wire repairs	12/15-12/30/2013
Restore all PHENIX Elec. from shutdown safe modes to operating modes	12/23-12/31/2013
Christmas Holiday	12/24-25/2013
New Year's Day Holiday	1/1/2014
Pink sheets	12/23-12/31/2013
White Sheets	1/2-1/3/2014
Assemble large shielding wall and install plug door (riggers)	1/6-1/10/2014
Blue Sheets	1/6-1/10/2014
Start Watch Shifts	1/7/2014
Start Flammable gas flow	1/13/2014
End of Shutdown Party	1/10/2014
Close shield wall, install radiation interlocks and prepare for run 14	1/31/2014
Start run 14	2/3/2014

From Mike Zarcone:

50 pound buckets of Ice Melt have been removed from the entrances of several buildings including 130, 197, 703 and 510 (3 times). Laboratory Protection is aware of the situation and will be looking for those stealing government property. While a bucket of ice melt may not seem significant to some, stealing it can be a cause for termination. Is a \$20 bucket of ice melt really worth getting fired for?

From the lab's disciplinary policy:

3. Dischargeable Behavior Violations - examples of these violations are

- Theft or unauthorized possession of Laboratory property or the property of any employee, agent, guest, etc. of the Laboratory.

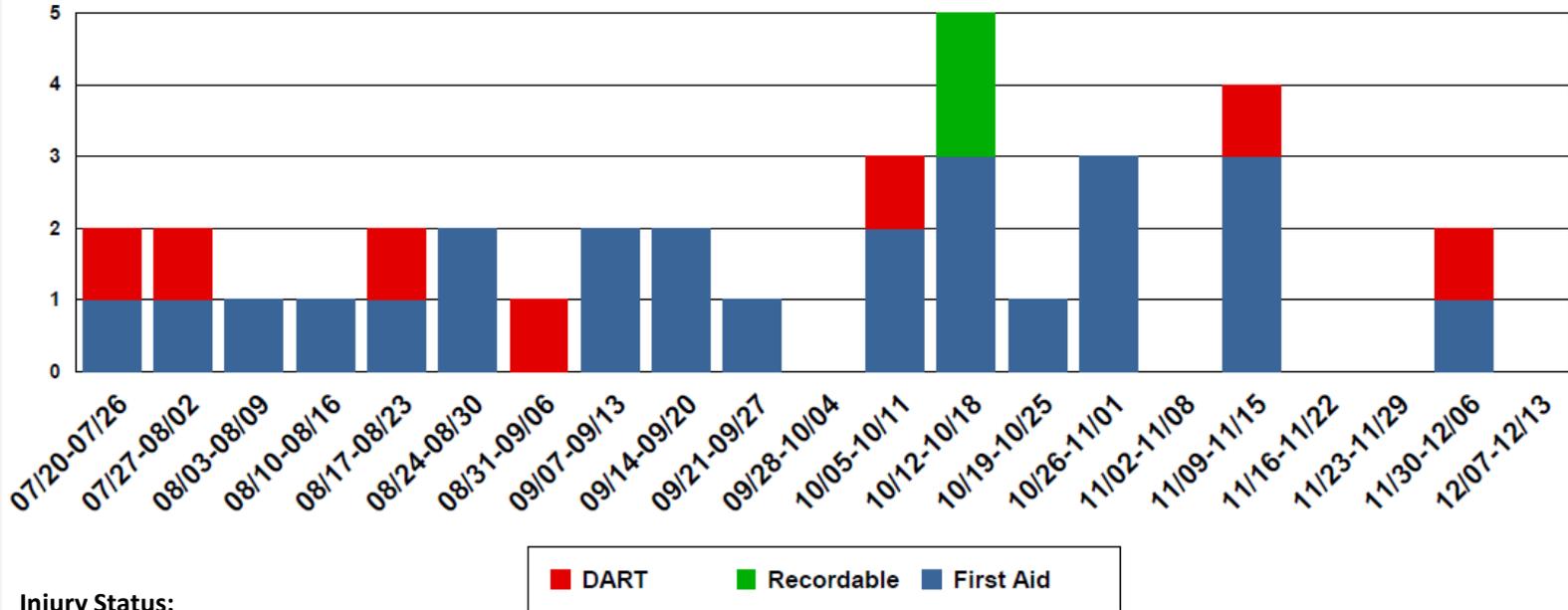
Additionally, we do use the ice melt when it's icy or slippery. Not having it readily available puts you and your fellow employees at risk for injury. We are supposed to be helping one another, not doing things that can hurt others.

Please look out for these thieves and let Mike Zarcone , your supervisor, or Laboratory Protection know if you see anyone stealing laboratory property.

Thanks for your help!

HAZARDOUS WASTE

As of 12/13/2013



Injury Status:

FY14 YTD: DART – 3, TRC – 5, First Aid – 13

FY13: DART – 14, TRC – 37, First Aid – 53

FY12: DART – 19, TRC – 38, First Aid – 69

FY13 Injury Listing: <https://intranet.bnl.gov/esh/shsd/seg/Occlnj/BNLInjuries.aspx>

Recent Injuries

None

Where To Find PHENIX Engineering Info

Less than 2 weeks left in 2013.



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

12/19/2013

