

PHENIX WEEKLY PLANNING

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PLANNING



1/29/2009

Don Lynch

January 2009

TECHNICAL SUPPORT ROOM

- IR Prep
 - C-A carpenters fold EC platforms <DONE>
 - Move MuID collars to IR <DONE>
 - Remove Plates, cart & move Manlift <DONE>
 - Disconnect EC shutdown connections <DONE>
 - Roll in-to IR and North to run pos. <DONE>
 - PHENIX techs reconnect water, elect., gas, fibers
 - C-A Carpenters restore EC platforms, re-install lift & ladder
 - Move MMS North to run pos. <DONE>
 - Install MuID collars <DONE>
 - Magnet Tests (MMN & CMI) <DONE>
 - re-connect gas sniffers <DONE>
 - Mike Rau re-install lift wiring, Re-connect TOF blower
 - Magnet Tests (MMS and CMO) <DONE>
- DC East & West repairs <DONE>
- Blue Sheet/Pink sheets/White Sheets <DONE>
- Pre-run Commissioning
- Assemble shield wall (1/26-1/29) <DONE>
- Start watch shifts (1/27) <DONE>
- **Start of Run Party**/Shield wall roll in (1/30)
- Start of Run 9 (Cooldown) (2/1)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



1/29/2009

NOW back to work with a
~~Should new '08 consist of...~~ set...of
tasks to support Run 9, get
ready for shutdown of 09, and
Take a deep breath down yourself
on the back planning job well done
beyond there.

Run Support & Other Ongoing Work

RPC3 Prototype install (11/15-1/31)
(Almost Done)

RPC Factory Support (continuing)

Dark Current test stand

Storage Racks with humid. Cntrl

Burn-in test stand

Tilt & Elevating transport table

Prep for 2009 Shutdown

Design PC1 East maintenance support fixtures

NCC prototype design support

VTX fabrication tooling design

VTX installation design

FVTX design/engineering support

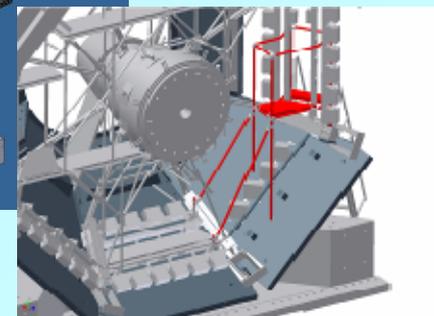
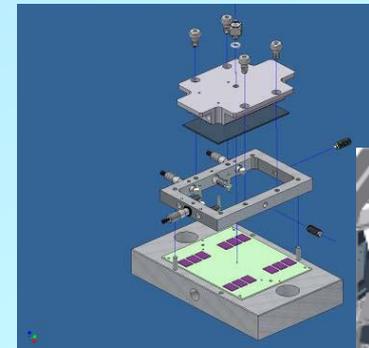
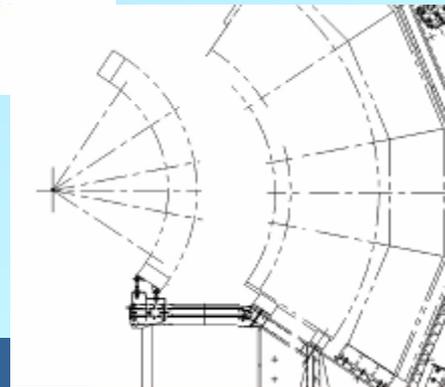
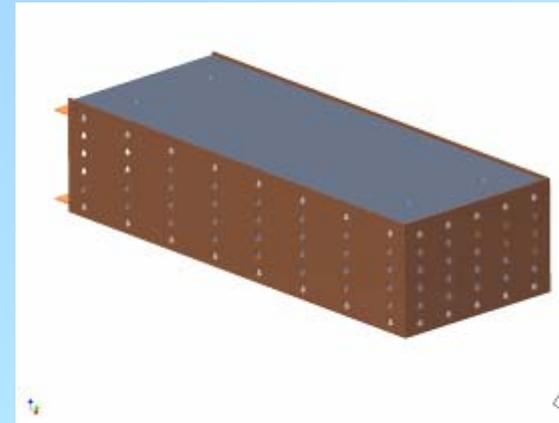
MMS Scaffolding Design

New Beampipe supports

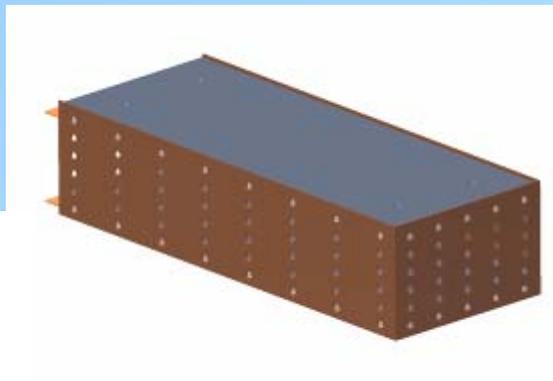
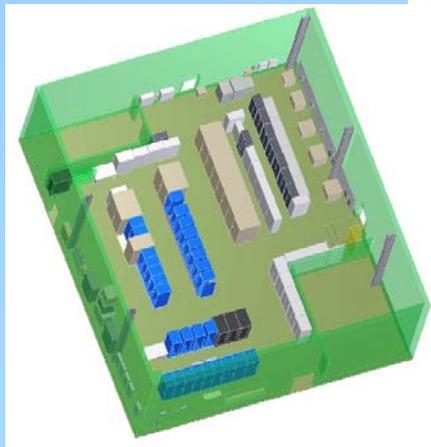
Maintenance & Overhead Tasks

Procedure Review/Updates

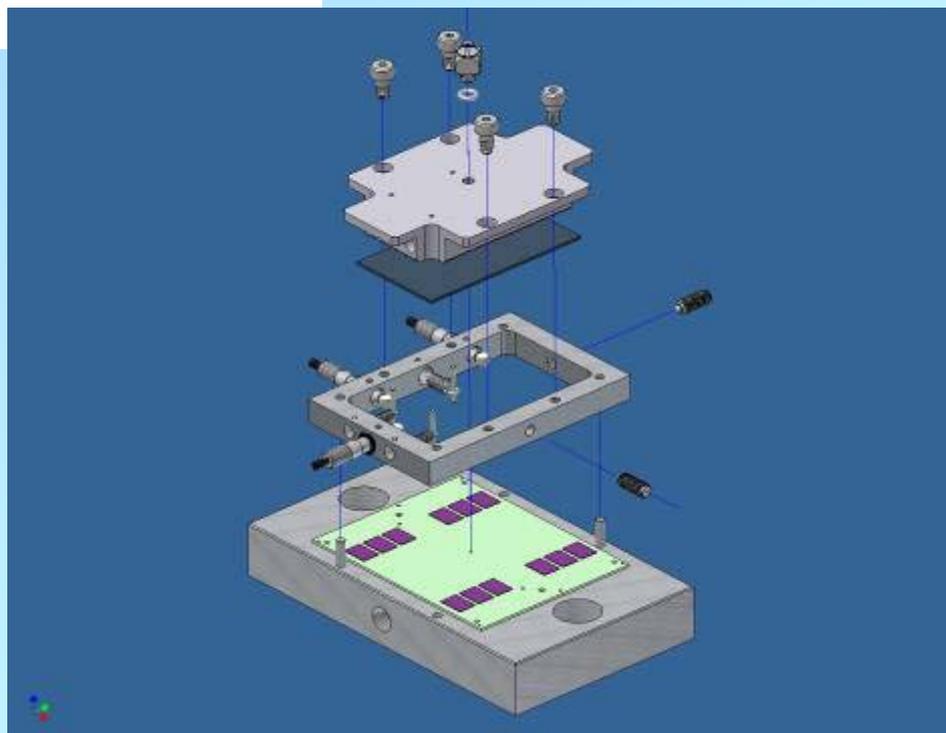
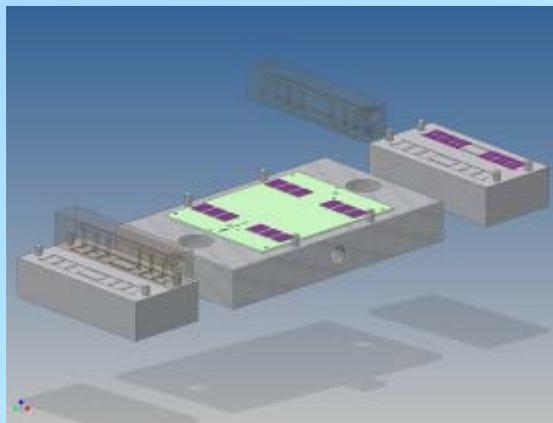
Rack Room, AH, Trailer, Mixing House, etc.



'09 Technical Support



Rack room electronics, etc.
NCC prototype design support
VTX fabrication tooling design
VTX installation design
FVTX design/engineering support



- Roof leak in utility bathroom at northwest corner behind tech offices.
- Roof leak over door between rack room and assembly hall.
- Trailer bathroom slop sink (for Custodians).
- Heat wrap tape for trailer bathroom toilet drains to prevent freeze/clogging in winter.
- New duct heater (This item is in progress and should be completed soon)
- Improved Rack Room AC performance (This item has been addressed time and again but unsatisfactorily. Currently the AC fails periodically and is repaired only to fail again. On-condition maintenance is not adequate...an engineered solution is needed.)



Prototype RPC Support

PHENIX
RAPID PROTOTYPING

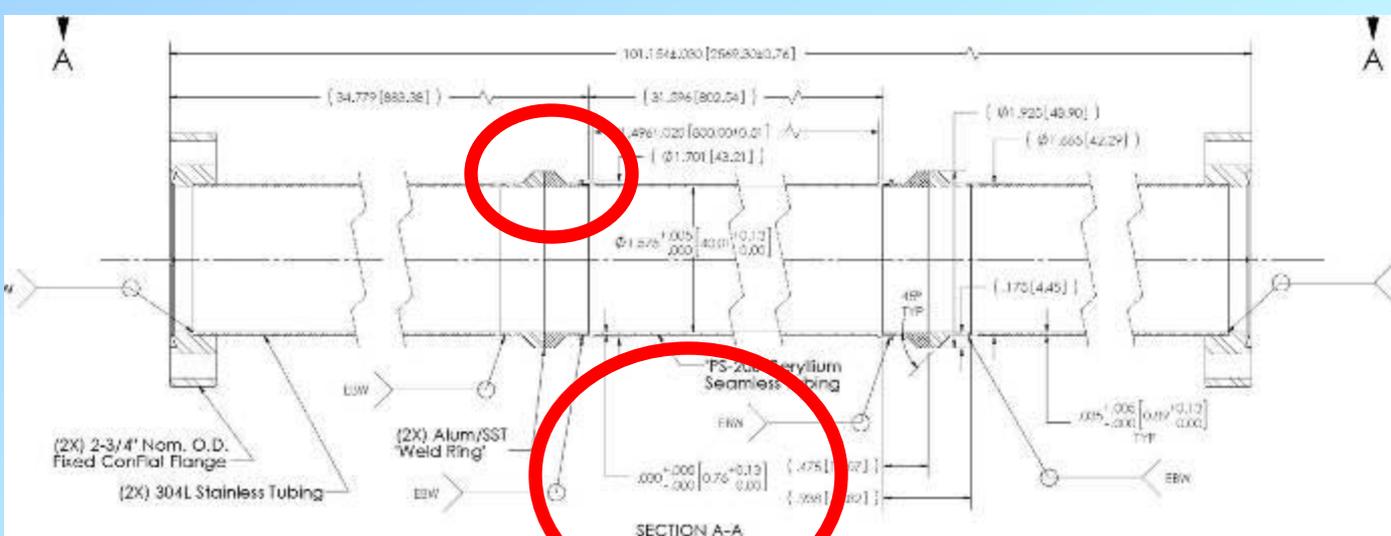
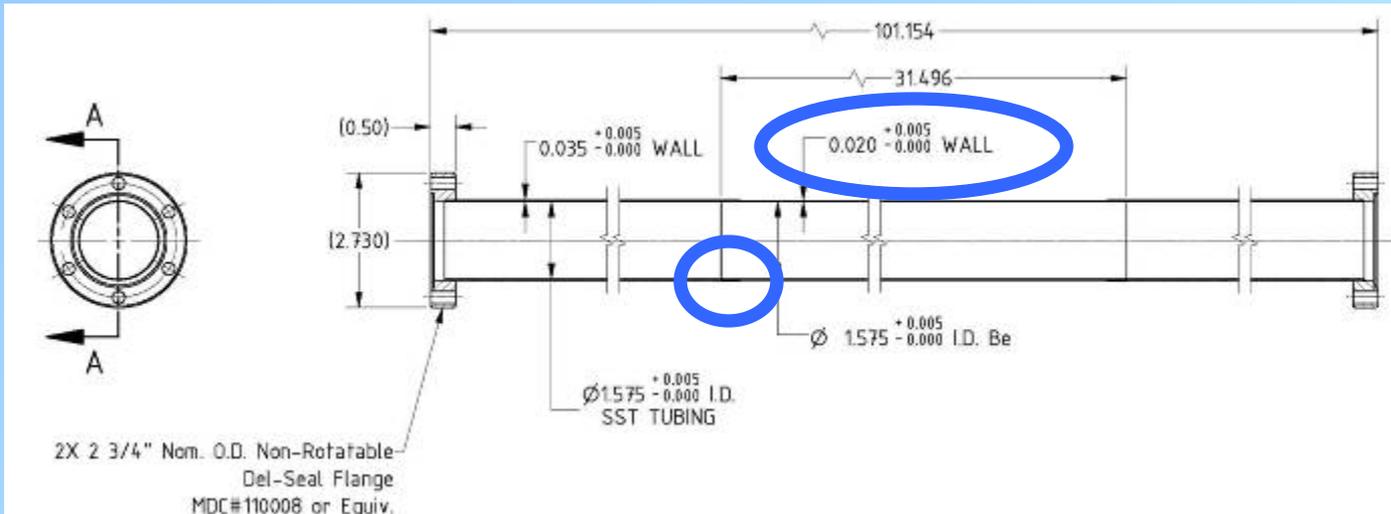


PHENIX SCAPORT NOON

PHENIX

SCD

Brush-Wellman CAP



RPC Factory Change in Scope

Received Minutes & Action Items:

Factory work permit revised draft submitted for review.

Revision to Gas Ops - Rob

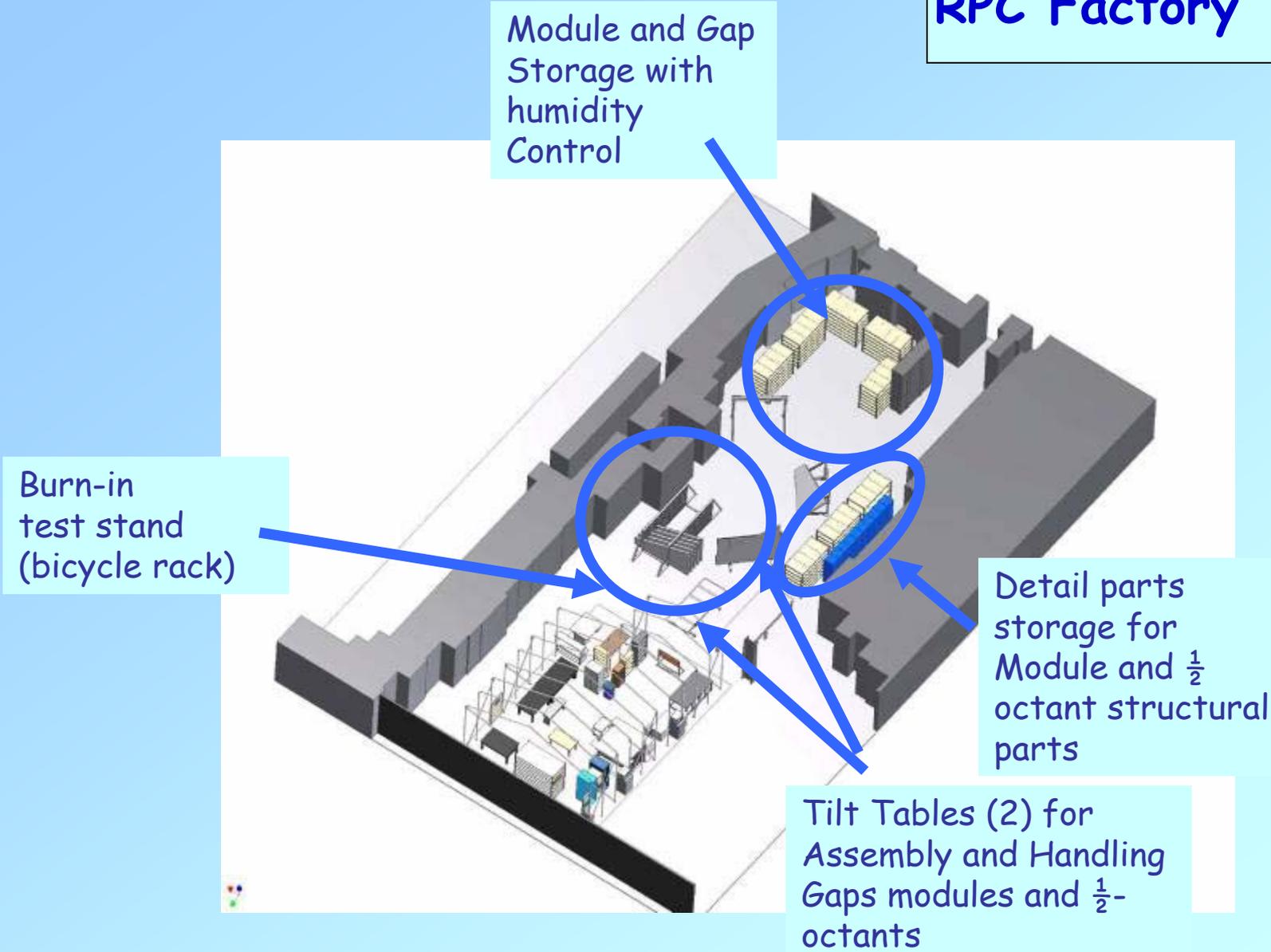
Revision to HV & LV Ops - Paul

Revision to safety system checkout - Paul

Revision to assembly and test plan - Don

Revision to $\frac{1}{2}$ octant, module & gap storage plan - Don

RPC Factory

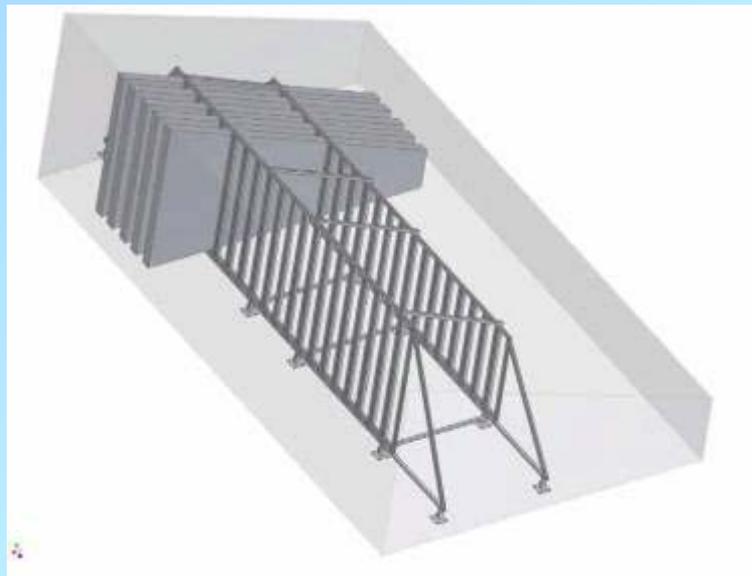


Dark Current Test Stand
under construction



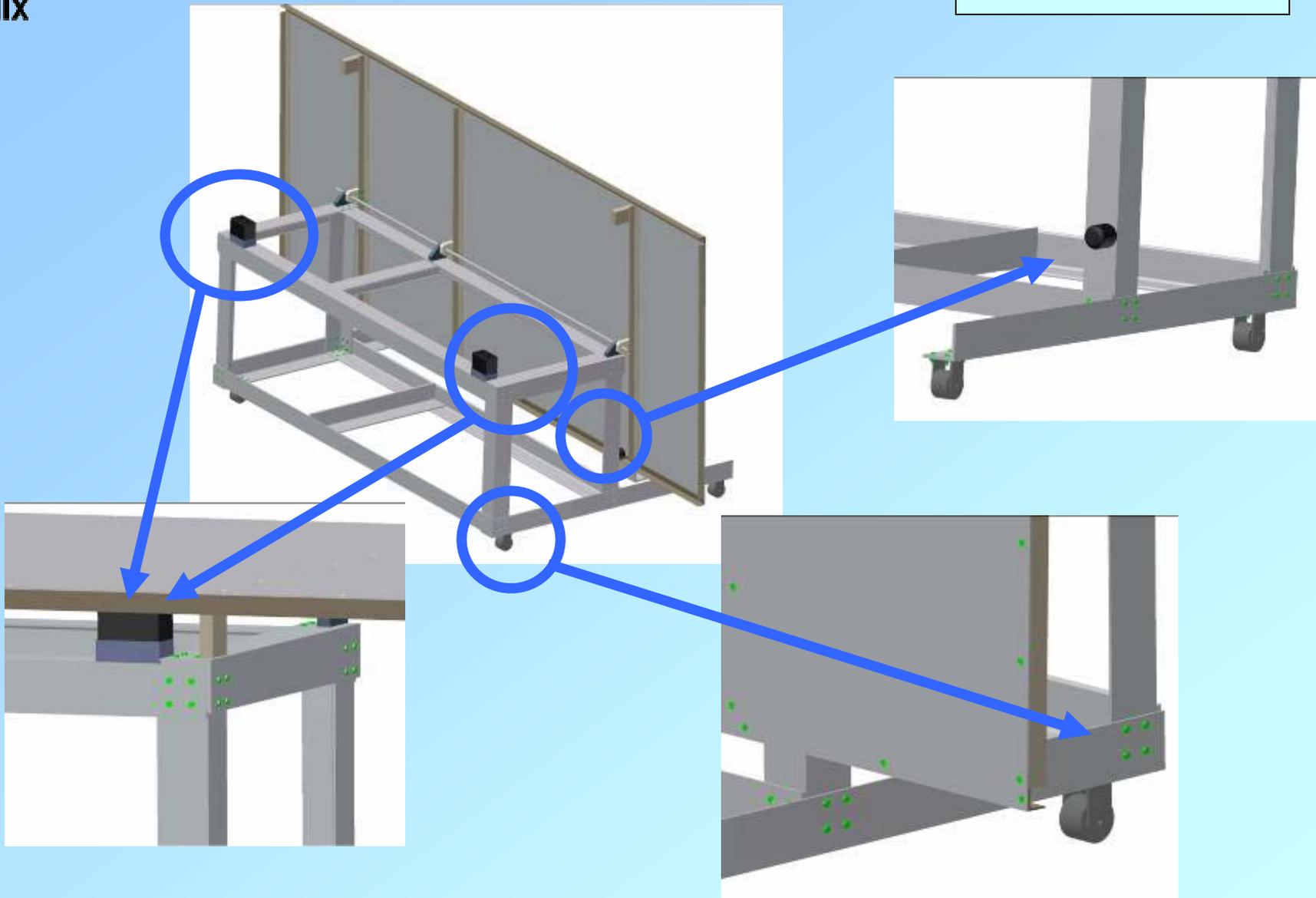
Also working on:

- a burn-in test stand for $\frac{1}{2}$ octants



- additional storage for gaps modules and structural detail parts
- transport table/cart

PHENIX
УСТАНОВКА
СВАРОЧНО-МЕХАНИЧЕСКАЯ



Shutdown '09 Major tasks (expect 5 month shutdown):

- 2009 shutdown Begins April 10, or July 1, 2009 or July 15 or ?????
- End run, remove wall, MuID collars down, EC to AH (3 weeks)
- Install Station 1 South scaffolding (1 week)
- Install Station 2/3 scaffolding (2 weeks)
- PC1 East repair (4 weeks)
- Install stations 1, 2 and 3 south MuTrigger FEE's (12 weeks)
- MuTr decapacitations: station 3 south (3 weeks)
- RPC Station 3 North (12 weeks)
- Prep for future upgrades/existing equipment maintenance & Repair (as necessary)

TECHNICAL SUPPORT NOON

1. EMS/OSH Audit Coming in February (ISO 14001) and (OSHAS 18001)

Independent contractors to audit training records and observe work in the field

2. Procedures for new detector subsystems:

HBD OPS

HBD Transparency Monitor OPS

MuTrigger FEE

RPC Prototype (piggy back on TOF West)

Existing Detector Subsystem Procedures

Hiatus is over. Need to review/update most procedures

3. Icy conditions all over - dress appropriately and watch for black ice

Where To Find PHENIX Engineering Info



Super Bowl XLIII This Sunday

No Jets, No Giants

Who Cares?

My Prediction:

Arizona 24 Pittsburgh 20



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



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