

PHENIX

WEEKLY PLANNING

4/17/2008

Don Lynch

Shutdown '08 Schedule



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Mu Trigger Review	Done, Action Items in progress
New Beam Pipe Design Review	Done, Action Items in progress
Move MMS south	Done
RPC Prototype engineering & safety review	Done, Action Items in progress
CM Crane, MMN & sta. 1 scaffolding review	Done, Action Items in progress
RPC Prototype C tests (in tent)	in progress
Install/field fit CM access stairs	in progress
RPC Gap 0 and 5 base survey	Done
MuTr FEE upgrade/MuTr decaps WP	ready for review
Move MMS and CM South	Done
Remove North access & MMN 4 lampshades	Apr. 14 - May 1
Inventory/begin erect MMN scaffold	Apr. 14-May
PO for Station 1 scaffold (+ Central shops)	in progress
RPC Prototype D tests (in tent)	Apr-May
Design RPC installation fixtures &	
MuTrigger FEE platforms	Apr-May
MuTrgr Platform review	Apr 24?

Shutdown '08 Schedule, cont'd

Install Station 1 North scaffolding	May 1-16	
Station 1 North decaps	May 19-30	
RICH air control move to DC Rack	May 30	
Prep work for Mutrgr platforms (water/elec)	May-June	
Prep work for RPC proptotype install	May-June	
move (7) MuID pipes		
move gap 5 south cable tray		
MMN decaps	May-July	
End of run Party	May 30	
Prep RPC Proto, MuTrggr FEE N&S Racks	Apr-July	
Install CM Crane Channel Supports	June-Sept	
RPC engineering & safety review	mid June	
MuTrigger FEE N Install	July 1-31	
HBD Install	July-August	
RPC prototype gas system	July 1-31	
Move shielding for RPC prototype installation	July 1-31	(C. Pearson)
RPC prototype cable routing & support	July 1-31	(M.Rau)
Modify crystal palace & vapor barrier	July 1-31	(C. Pearson)

Shutdown '08 Schedule, cont'd

Install MuTrigger FEE N platform	Aug. 1-15
RPC prototype install	Aug. (RPC3 - C. Pearson) (RPC2 - PHENIX)
Install RPC prototype rack in tunnel south	Aug. (C. Pearson)
Install Mutrigger FEE's in MMS for RPC test	Aug.
Install MuTrigger FEE South platform	August
Install MuTrgr N&S rack cooling & electric	Aug. 1-29
Install MuTrigger N cooling water & air	Aug.
Replace tunnel shielding	Sep. (C. Pearson)
Connect electronics/gas/water/air for RPC	Sep.
Install MuTrigger N& S racks	Sep.
CM Crane Install	
PC1 west work (needs planning)	Sep./Oct.
DC East?/West Repairs	Oct.
Remove all inst'n equipment(e.g. scaffolds)	Oct.
Gap 5 north piping and cable tray re-loc.	Oct.
Gap 2 north cable tray & crate re-mounts	Oct.
Prep for shutdown 2009	Nov
Prep for run 9	Oct
Close shield wall start shifts	Dec.
Start physics	Jan 1

- Mu Trigger FEE N & S Done
- New Beampipe Review Done
- RPC Prototype 3/27 (informal engineering) Done
- CM Crane & MMN Scaffolding & Station 1 Scaffolding - Done
- MuTrigger N & S rack platform 4/24 (design in progress)
- RPC Stations 1, 2 and 3 ~ 6/1-6/30
- VTX/FVTX review ~ 6/1-8/31
- NCC Review ~ 6/1-8/31
- MMS scaffolding (< 2009)

Work Permit Requirements

- Standard Shutdown Commencement tasks (covered by approved procedures) Done
- MuTrigger FEE Upgrade (North & South) & MuTr Decaps, (including confined space for MMS & MMN and scaffold installation) in progress
- CM Crane Installation
- RPC Prototype Installation
- HBD re-installation
- MuTrigger FEE rack platform installation
- PC1 Repairs
- (More will be needed - to be added to the list as appropriate)

CM Access

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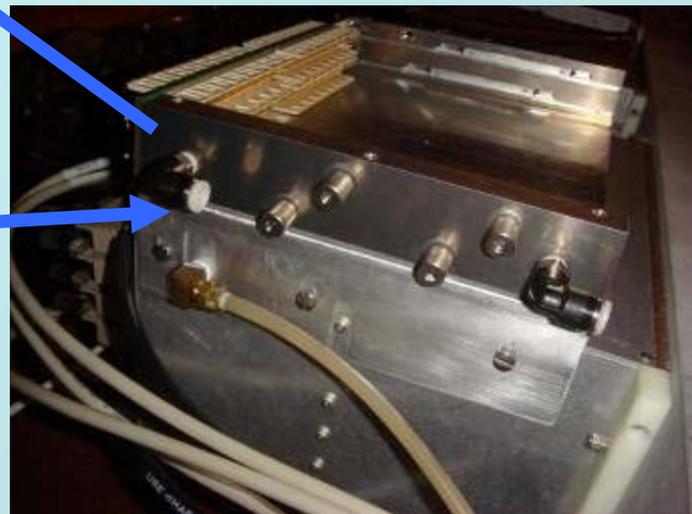
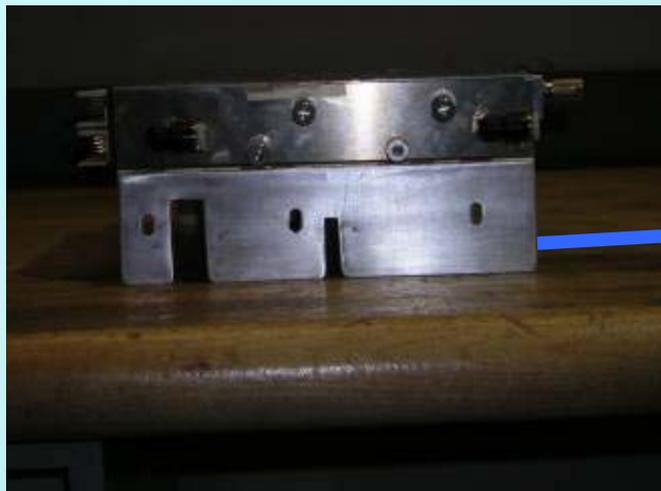


MuTrigger FEE

C-A Safety review done

Action items:

- Test the ADTX board w/o cooling under the above failure condition to determine the maximum temperature the voltage controller reaches.
- Check the cable tray rating of the proposed low voltage cable.
- Present the scaffolding design to an ESRC review (Done)
- Present the platform design to an ESRC review.



RPC Prototype Review

Still waiting for dim's and lifting points

RPC group wants W shot for absorbers.
Waiting for dim. specs.

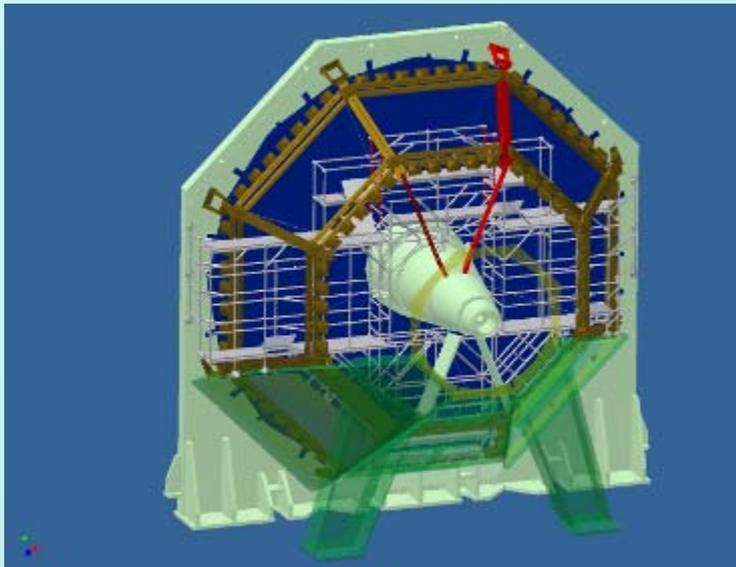
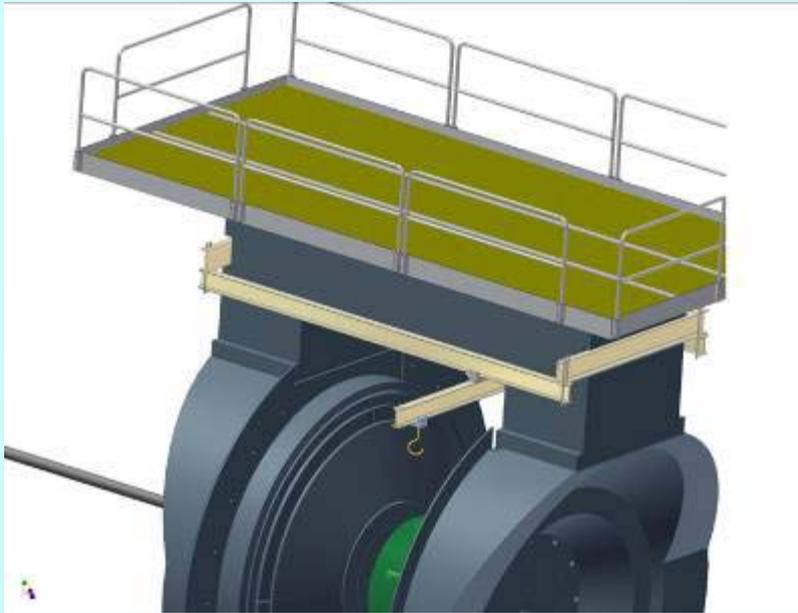
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Combined CM Crane, MMN & Station 1 scaffolding Review



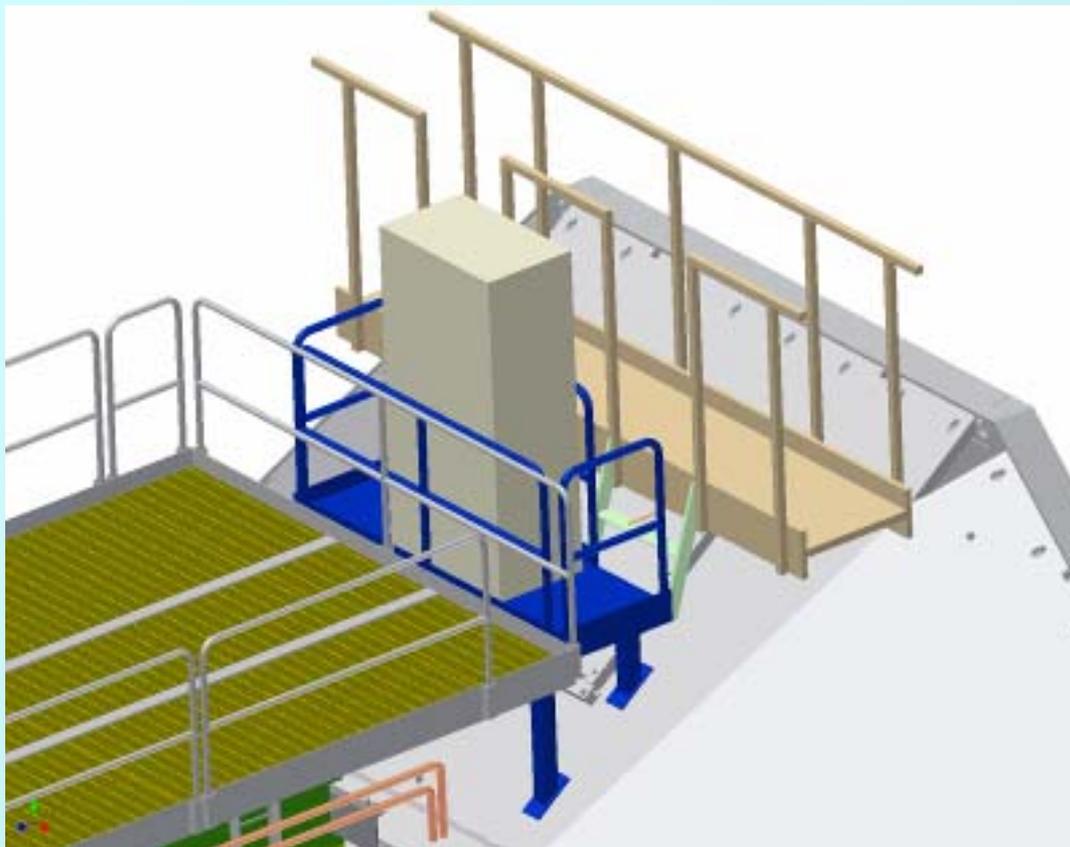
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Meeting w G. McIntyre & D. Dowling today. All scaffold parts ordered.

Rec'd info from Crane MFR. to be reviewed by C-A safety

MuTrgr North FEE Rack Platform



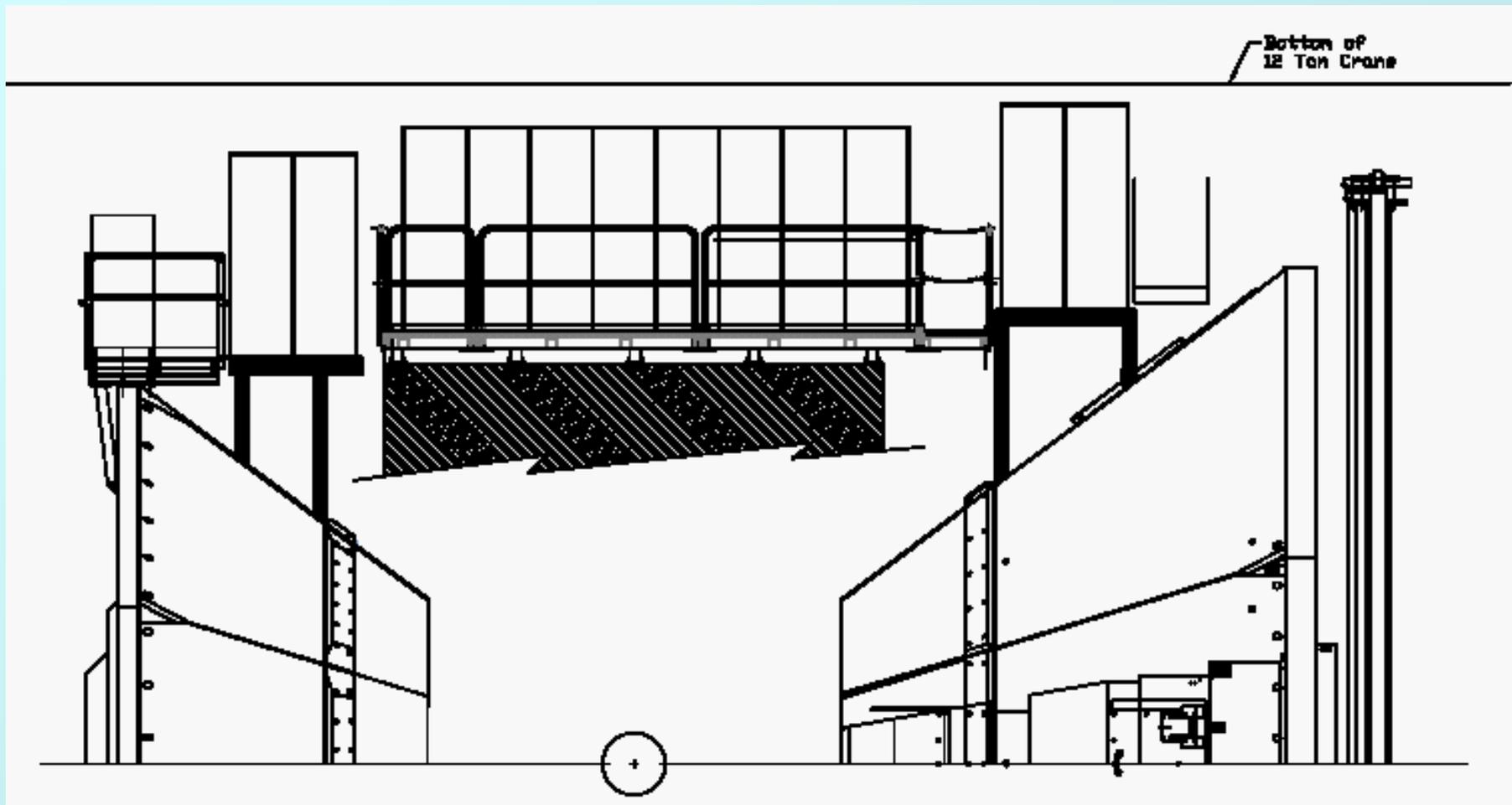
Current Concept

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Charlie sent new concept:

room for 2 racks on north
and south, 8 racks on bridge
(tight packed)

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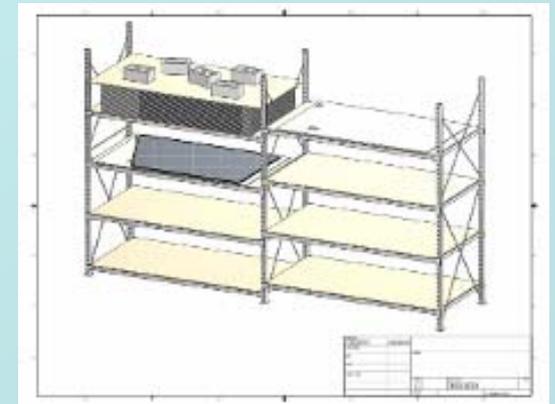


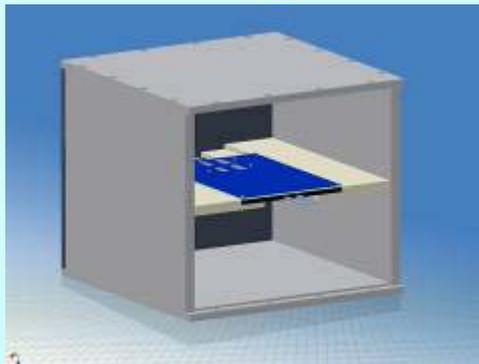
More frame mods for Proto C

Still need specs for transport table

& gap/module storage

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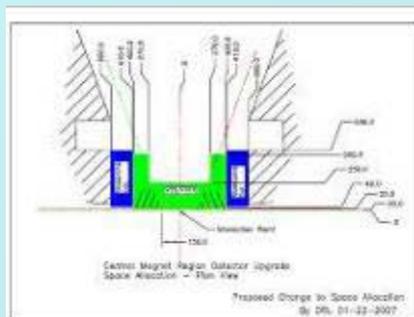
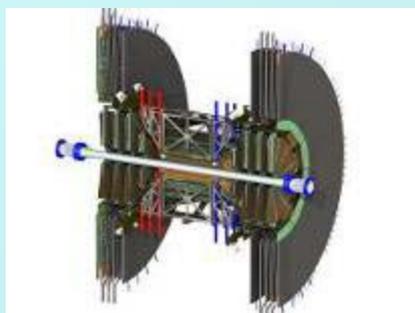
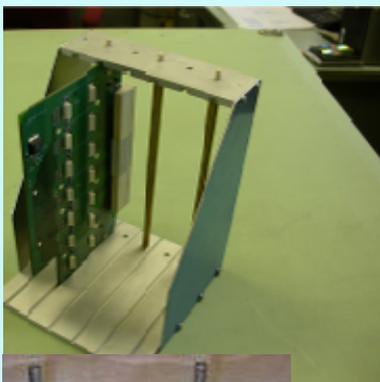




Other Work

- VTX, FVTX and NCC prototype support
- Integration
- Physical and Rack space
- Infrastructure upgrades
- HBD getting closer?

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Safety, Security, etc.

- Reminder: Safety shoes and long pants required in IR. Hard hats when crane is in use, or when anyone working overhead. No tours past the sill.
- Is Front door final? What about crash bar?
- Mid term review time (new) is here. Techs please see me to set up a time before end of April. Need to do goals.

Where To Find PHENIX Engineering Info



Taxes were due on Tuesday. If you haven't filed do it soon or you won't get your election year bribe next month

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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