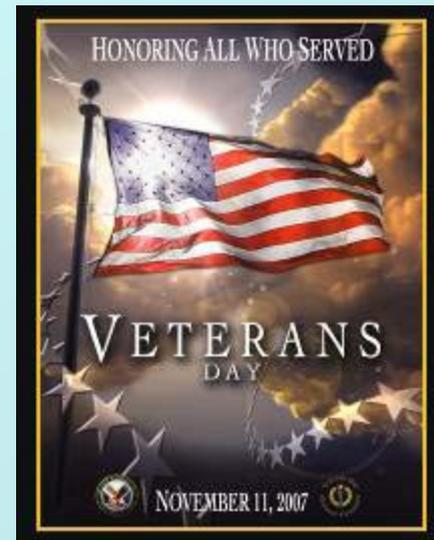


PHENIX WEEKLY PLANNING

11/8/2007

Don Lynch



Run 8 Prep Schedule

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<u>Item</u>	<u>Start</u>	<u>Finish</u>
Elec. Cooling Water upgrade (CA)		
(under EC)	Done	Done
(elsewhere in IR)	Done	Done
CM Move to Run position	Done	Done
More decapacitor removals	Done	Done
Close out all shutdown '07 open work permits	Done	Done
RPC Tent preparation (see slides)	On Going	11/30
EC Roll In	Done	Done
Blue Sheet/Pink sheets	Done	Done
DC East & West repairs (permits done)	Done	Done
Pre-run Commissioning	Done	Done
Assemble shield wall	Done	Done
Move MMS to run position	Done	Done
Install MuID collars	Done	Done
Shield wall roll in	Done	Done
Start of Run 8 (Cooldown)	Done	Done
Start 2 person watch shifts	Done	Done
Install FPGA box (mech. Same as 2006)	11/8	11/9

Run 8 Prep Schedule (cont'd)

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Item	Start	Finish
Blue ring cold, start d- beam (Access during day, beam at night)	Done	Done
Lab Holiday: Veterans Day	11/12	11/12
Yellow ring cold, start Au beam (beam all day, little or no IR access)	11/12	11/12
Start Flammable Gas	11/8?	11/9
Start d+Au collisions	11/22	11/22
Lab Holiday: Thanksgiving	11/22	11/22
Lab Holiday: Black Friday	11/23	11/23
Start of 5 person shifts	11/27	11/27
Start of Physics (start biweekly maint. Access)	12/1	12/1
Start-of-run party	12/7	12/7
Install new UPS	~2/2	~2/9
Switch to p+p run	~2/2	~2/9
Install HBD West for test run	~4/1	~4/1
End of Run 8	5/27	5/27

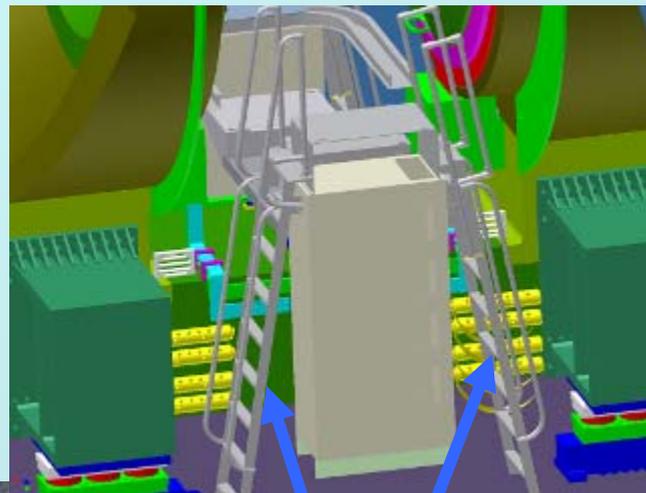
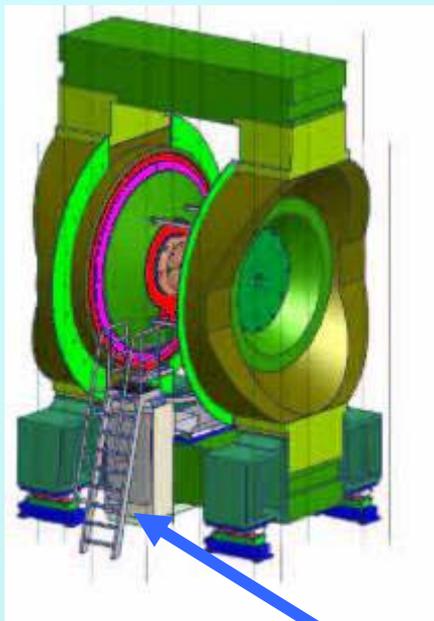
Safety Systems/ UPS

- Temporary UPS installed
- New UPS due date ???
- HSSD system status
- Other Issues
- Annual Safety Walkthru Completed
 - No major faults



CM Ladder/Stair Shutdown Access

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These ladders rec'd

RPC Factory

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Electrical -Walkthru Done.
Gas System: Nearly approved; Formatted and formalized. Sign off needed.



RPC Factory Issues, cont.

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Equipment - Kenny working on Cosmic ray test stand. John working on piping. Shelving next. Young Jin providing specs and location. RPC group will provide specs for the gap transportation cart (vertical high and low lifting requirements, horizontal/ vertical orientation, table top dimensions, max load capabilities, etc.) PHENIX will design and fabricate. RPC group will provide specifications for gap and module storage racks. PHENIX will design, fabricate and install.

Work plan - existing work plan covers work to be done between now and factory start up (Factory startup is when production testing and assembly of modules and half octants begins)

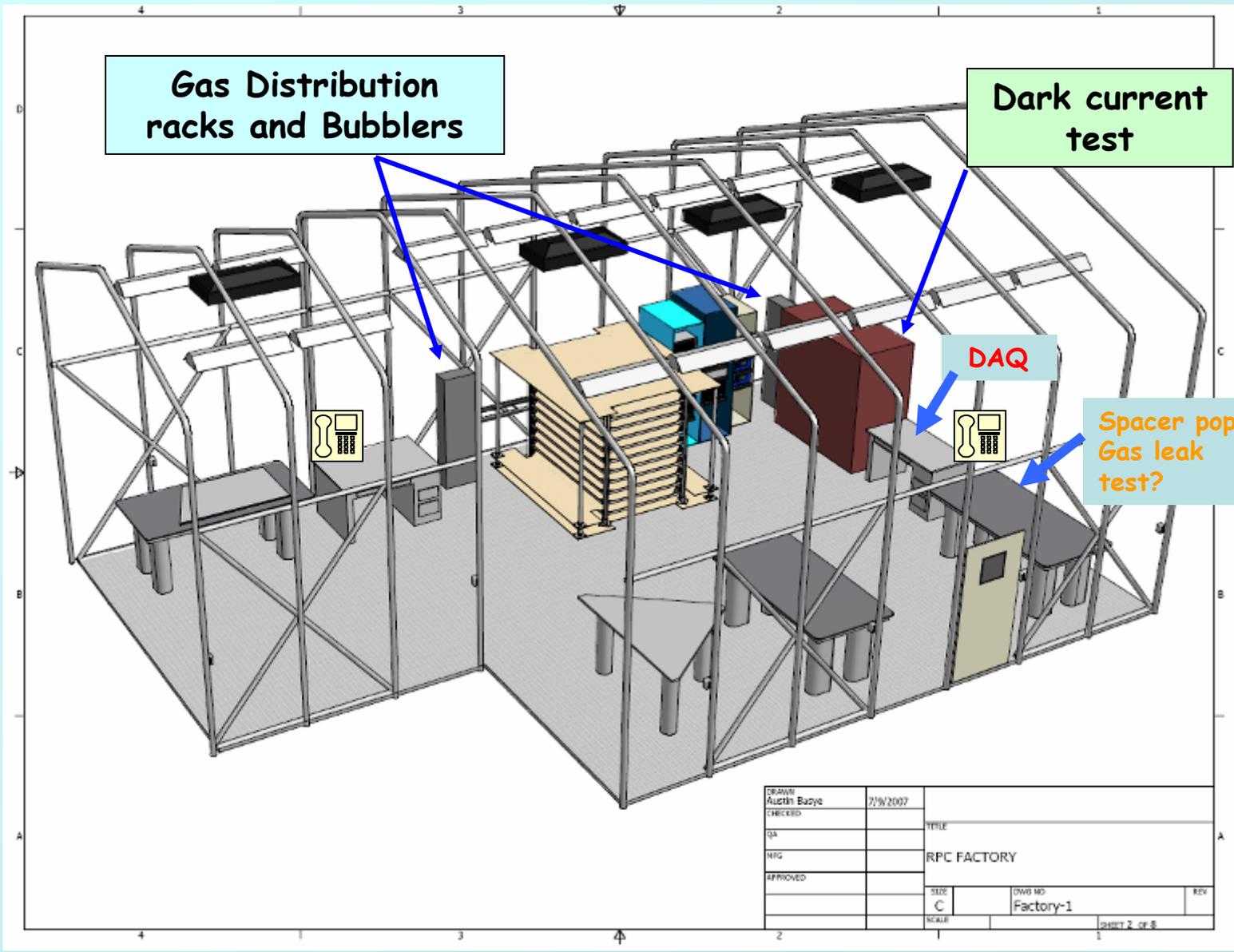
Security - Lock installed on door. All zipper doors are to be closed when not in use and zip tied down from inside. Locking tool and equipment cabinets inside tent. Additional security required when raw materials arrive. RPC group to review C-A policy (3 tier requirement as required by C-A procedure 1.20) RPC group will prepare a one page description of how they intend to comply with this requirement. This will be reviewed by C-A.



RPC Factory Issues, cont.

Remaining Action Items from C-A safety review:

- Gas monitoring equipment to be calibrated and tested per BNL requirements
- Equipment is manufacturer calibrated. Will be tested with mini blue sheets check out.
- Gas schematic/ procedure needed - Done awaiting approval
- Max flow rates incl. chambers in storage for all gases to be forwarded to M. van Essendelft - still needs to be done before factory startup
- Electronics to be approved installation and use (including NTRL equivalence approval) - Done, walkthru needed.
- Any chemicals to be purchased through BNL to assure compliance - Will be complied with
- Adequate ventillation to be designed into tent - Done
- Approved security apparatus to protect against theft - see above



RPC & MuTrigger FEE Project Status

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Prototype C - RPC3-A module

- o mechanical detector module parts and signal plane at hand from CIAE
- o gaps expected from KODEL in early December

Prototype D - two full RPC 3 half octants

- o bakelite to arrive in Korea in late December
- o detector module parts to arrive at BNL in January
- o gaps to arrive at BNL in early March
- o half octants will be installed into PHENIX in the summer 2008



Arrival of GSU Prototypes (this week)

Arrival of prototype C gaps from KODEL 1st week of December
(mechanical detector parts + signal planes from CIAE at hand)

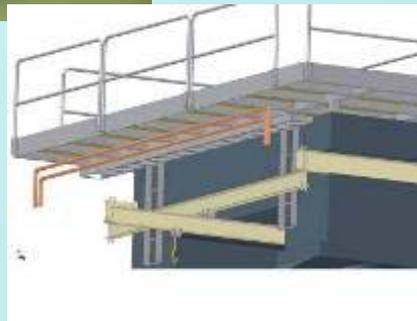
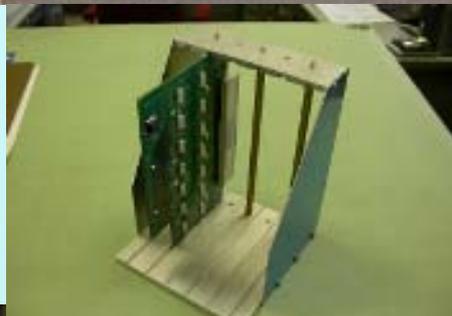
Arrival of detector parts + signal planes from CIAE in January

Arrival of prototype D gaps early 1st week of March 2008

→ all assembly and Q&A infrastructure in place

Arrival of mass produced gaps - June 2008

→ all gap and module storage infrastructure in place



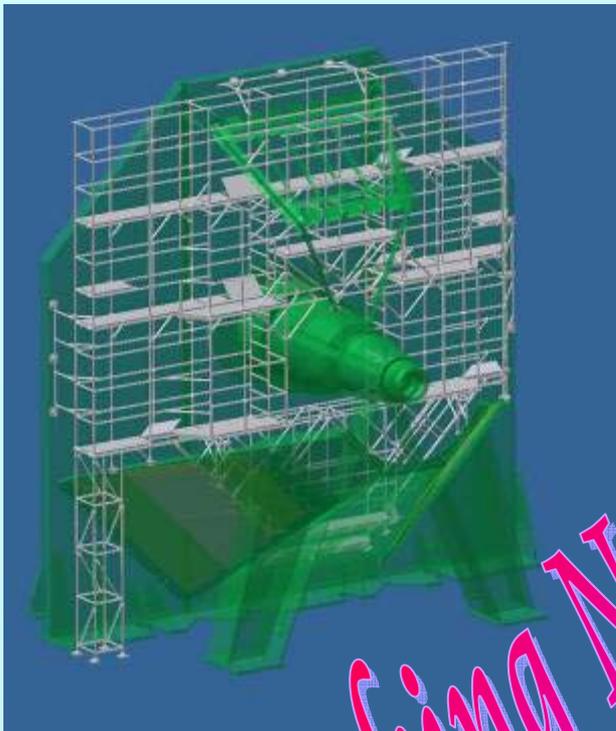
Other Work

- Clean Out Container: Material is evaluated. Clean out and dispose by end of Nov.
- JTA review and update - in conjunction with performance appraisals
- Procedure review - pick up where we left off
- VTX/FVTX projects: beampipe upgrade project, prototype test support
- NCC - Richie supporting Eduoard design modifications
- New Crane: safety review to support acquisition and installation next summer

1. **Main Door to Counting House is a safety hazzard
Needs immediate attention**
2. Lifting equipment needs annual inspection in November
3. Check your PHENIX awareness and Collider accelerator training
4. Work planning revisions minor changes to work planning SBMS:
 - New green sheets ES&H → ESS&H, * IH reviews required for certain concerns, No OMC block, feedback box required when green sheet used
 - 3 levels of work planning
 - Worker Planned Work
 - Prescribed Work (Procedure, Instructional Document Planned)
 - Permit Planned Work

Station 1 , 2, 3 access plan

TECHNICAL SUPPORT + NOON



Work to begin on these items after prep for run 8 is finished

Nothing New This Week



5 Year Plan

- 2008 Install stations 1& 2 of MuTr FEE upgrades (south), 1 octant Cu absorber (south), 2 half otants RPC2/3 S, infrastructure upgrades & repairs, misc. subsystem work, MMS south scaffolding
- 2009 Scaffolding in MMN, MuTr FEE N stn. 1,2 & 3, MuTr N&S stn. 1,2 & 3 repairs, RPC2 N, RPC3 N, north Cu absorbers, infrastructure upgrades & repairs, misc. subsystem work
- 2010 Remove HBD & RXNP, remove beampipe, DC West upgrade, VTX barrel, south Cu absorber completed, MuTr FEE stn. 3 S, MuTr stn. 1, 2 & 3 S repairs, infrastructure upgrades & repairs, misc. subsystem work
- 2011 RPC1 N&S, NCC S, FVTX, infrastructure upgrades & repairs, misc. subsystem work, remove south absorber
- 2012 NCC N, upgrades contingency & wishlist, infrastructure upgrades & repairs, misc. subsystem work, remove north absorber

** Years refer to the shutdown year and follow the run with the similar number (i.e. work in 2008 is to be done in the shutdown that follows run 8, and so on)*

Where To Find PHENIX Technical Info

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Ring is now posted



Things are heating up
(cooling down?)



We are off
and running!

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