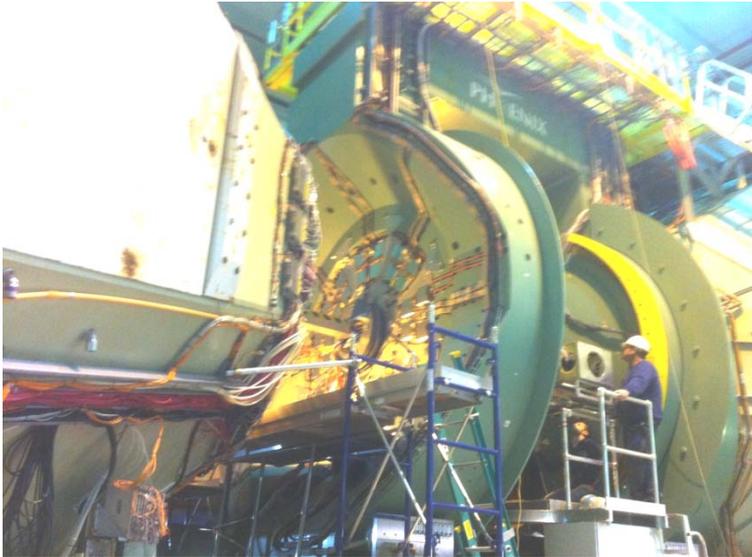


PHENIX Status

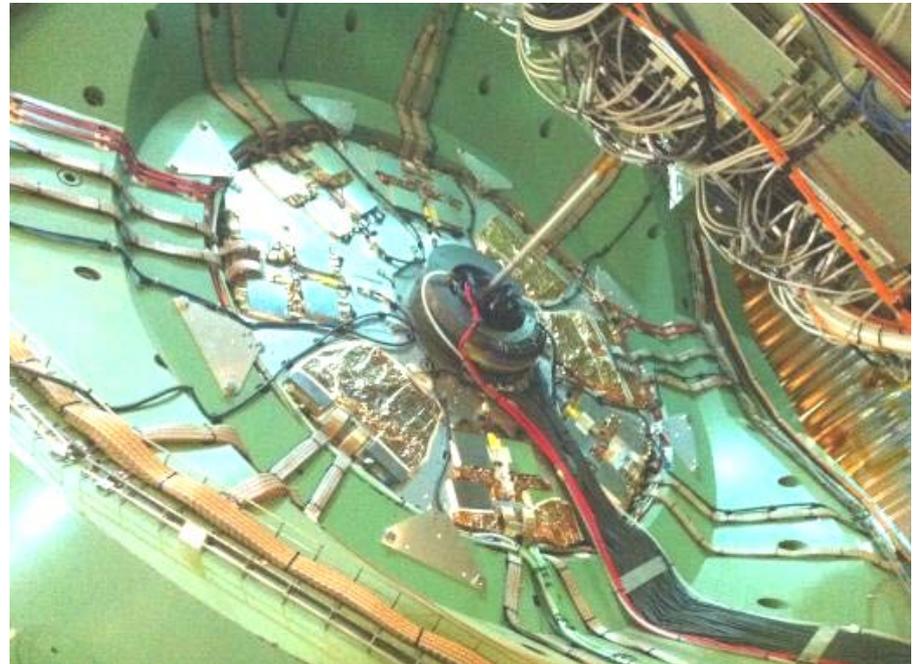
December 7, 2011



RPC installation

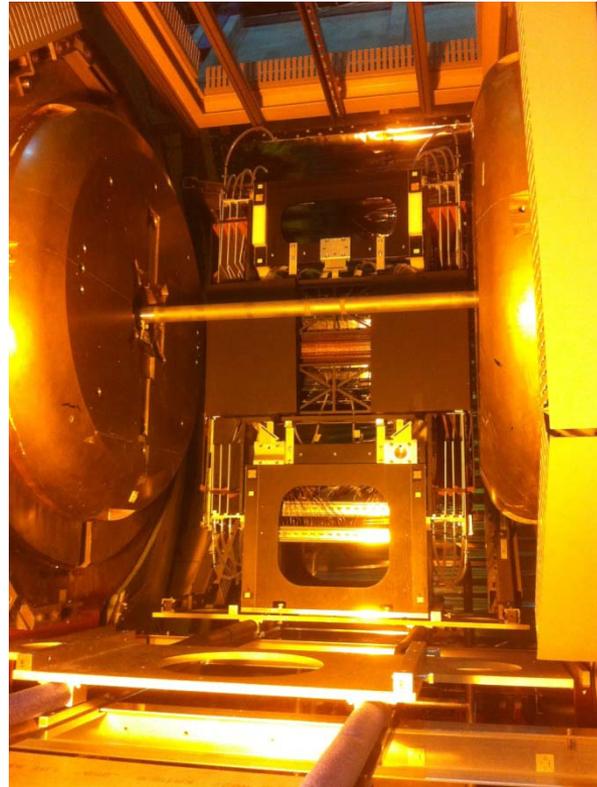
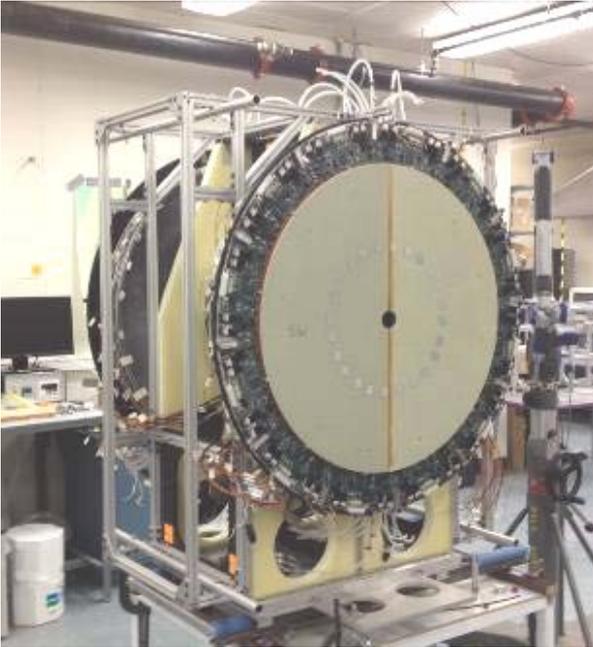


RPC1 N and S installed



December 7, 2011

VTX/FVTX



Both halves in 1008
W installed

December 7, 2011

Remaining work

These tasks need to be mostly serial:

- VTX/FVTX cabling
- Decision to install upgraded MPC electronics
- East Carriage roll-in
- Safety system checkout (present target: week of January 3)

Commissioning

- FVTX obviously requires a full court press; the entire detector has not yet been read out; first possible attempt will be end of December after cabling, cooling, LV, bias, protection systems become operational
- VTX needs a second commissioning period
- RPC's need time to stabilize and testing integration into the trigger, then we would like as long a period of running with cosmic rays as possible

Reaction to the new reality

- The shortened run places a huge premium on the very limited time for collisions. We can accomplish a lot of the commissioning with cosmics
- This will let us make the best use of the limited beam time in Run 12.
- VTX/FVTX and RPC can both make good progress with cosmic rays
- Although we are still working towards and on track for a Jan 17 cooldown, with a shorter Run 12, we would prefer to start ~1 month later and do as much commissioning as possible with cosmics
- We would maintain basically the present schedule for safety system checkout so we could begin operation

Running priorities for PHENIX

- The PHENIX Executive Council meets this Thursday to discuss the priorities for a shortened run, starting from from the PAC priorities (see next slide for reminder) and ALD guidance
- We will be able to disclose our priorities by Monday (Dec 12)

PAC Priorities

For Run 12 the PAC recommends the following (in order of priority):

1. 5 weeks of running with polarized proton collisions at 200 GeV.
2. 7 weeks of running with polarized proton collisions at 500 GeV.
3. 5 weeks of running with Cu+Au collisions at 200 GeV.
3. 3 weeks of running with U+U collisions at 193 GeV.

Summary

- We're on track and working toward a Jan 17 cooldown
- We can accomplish a lot of the commissioning with cosmics which will let us make the best use of the limited beam time in Run 12
- Suggest 4K cooldown start Feb 14 or 21