

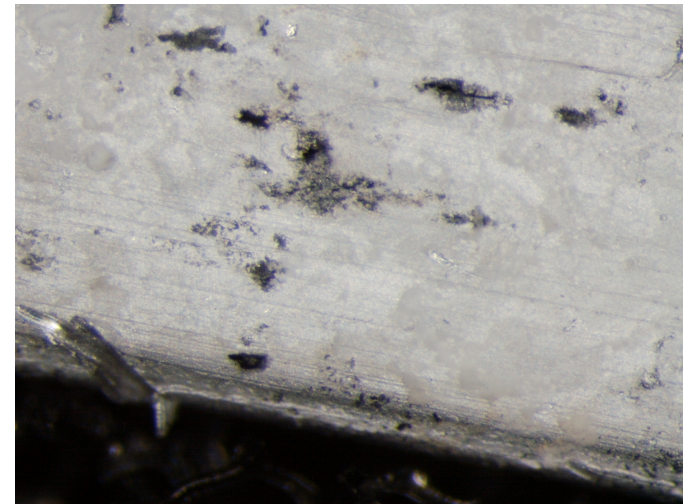
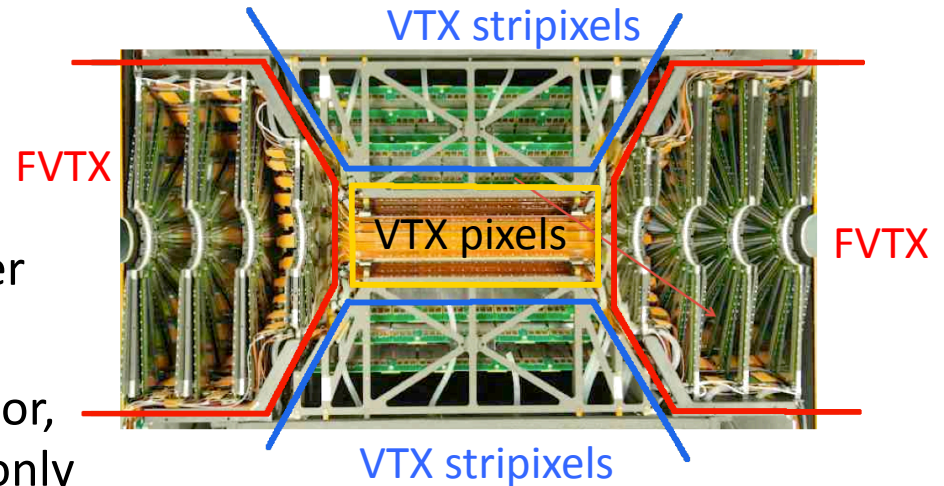


PHENIX Run-13 status

Hubert van Hecke

Commissioning continues

- Commissioning was going well in December, but
- Massive leaks were seen in the outer barrel layer of the VTX (stripixels)
- Removed the East half of the detector, disassembled it, reassembled with only the FVTX, and reinstalled in the IR
- Investigation identified galvanic corrosion between carbon and Aluminum as the cause
- VTX pixels (inner 2 barrels) and FVTX don't use Aluminum



Commissioning continues

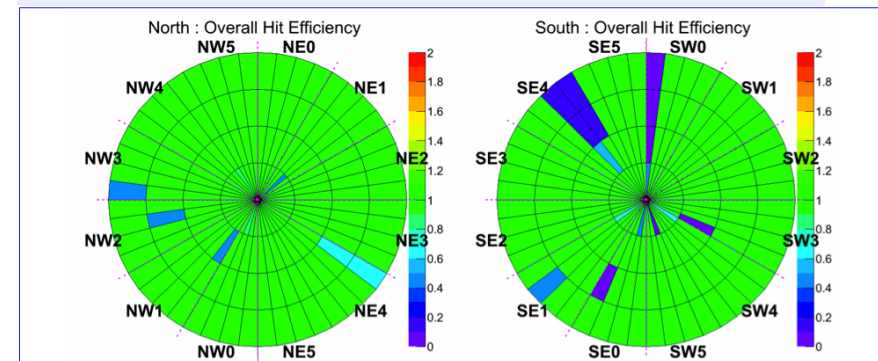
- FVTX back and operating (>96% live channels)
- Flammable gas is on since Feb 1, 2-person watch shifts started Jan 22
- First Cosmic data taken last night
- Magnets on today
- Shielding wall is up, plan to roll in on Friday 8
- Full shifts starting Feb 11

Calibration Summary for 10029_CALIB_FullSystemAfterFixes.FVTX

FVTX Calibration run taken at Sun Feb 3 13:54:48 EST 2013. 1008 data location : data/Data_Run13/10029_CALIB_FullSystemAfterFixes.FVTX

Alive Channels and Efficiency

Overall Eff. = 0.952 / 1.0	FVTX DAQ hit efficiency averaged over all wedges
Alive ROCs = 24 / 24	ROCs which have hits
ROCs with Calibration = 24 / 24	ROCs which started calibration
Alive Wedges Sides = 761 / 768	Number of half wedges (sides of wedges) which have hits
Alive Channels = 1033816 / 1081344	Channels which have calibration hits, although their efficiency might not be 100%



Near-term objectives

- Commission all systems
- Overnight, run cosmics
 - Cosmics are needed to study momentum smearing, charge-sign efficiencies, trigger issues, backgrounds etc.
 - Cosmics will be collected in beam down-time periods throughout the run
- Commission with beam as it arrives

