

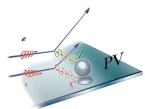
Run Coord. Weekly Report

Dustin E. McNulty

UMass

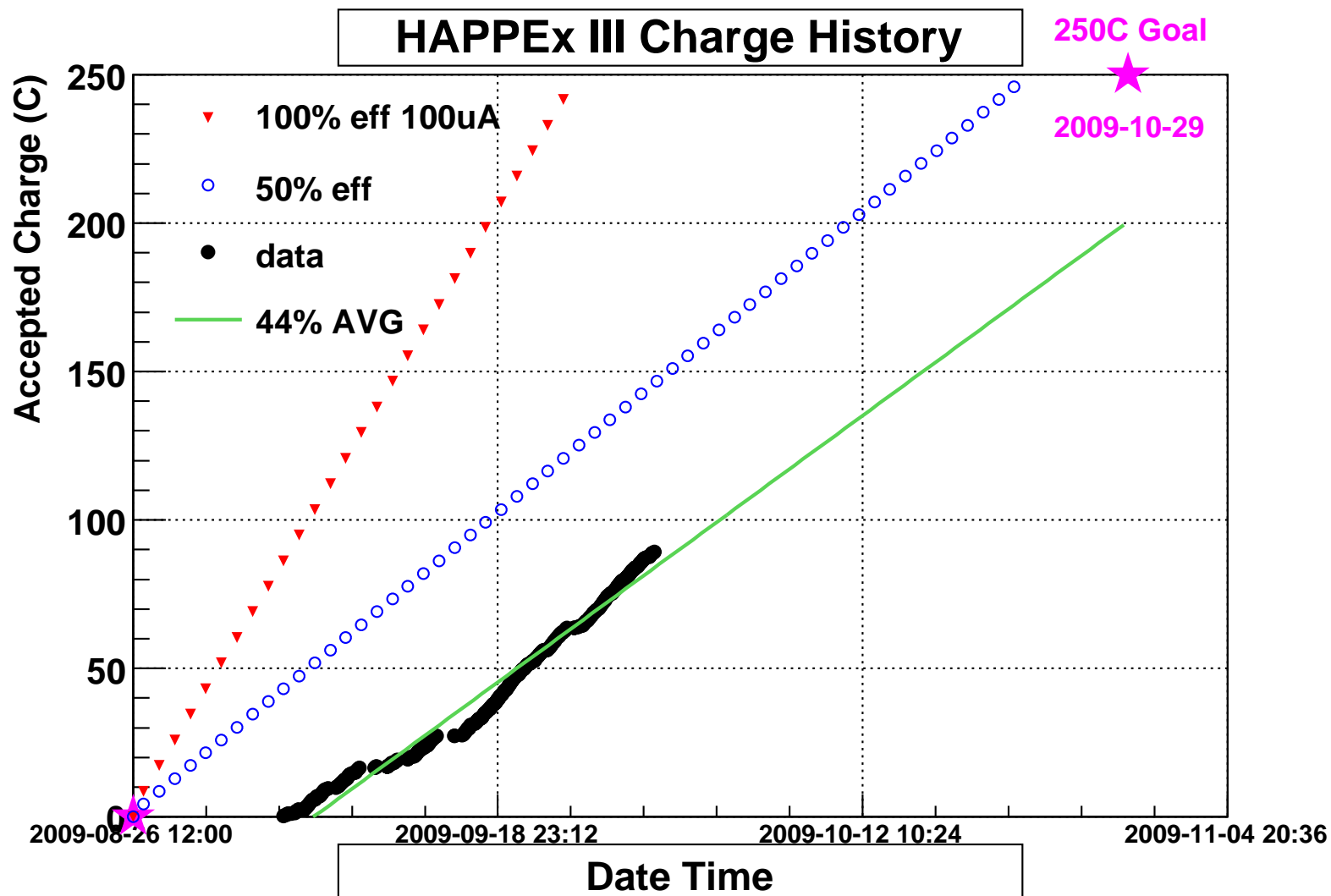
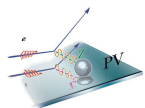
mcnulty@jlab.org

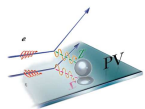
September 29, 2009



Experiment Status

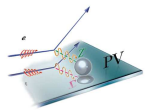
- MCC Beam studies (C-50 commissioning) today from 0700 - 2000, then restore briefly, then we are down 4 shifts (until Thursday morning) for hall C tests.
- We are currently on production slug16 and have accumulated 89.2C
- We will be in restricted access all day (until 1830)
- After the brief restore, we could goto controlled access as needed





Timeline of Notable Events

- 9/23 swing – Did a Moller measurement (meas $89.4\% \pm 2\%$)
- 9/23 swing – Brief Access for quick Compton DAQ adjustment
- 9/23 swing – Q^2 meas. and low current Compton tests
- 9/24 owl – MCC has difficulties delivering $100\mu\text{A}$ due to ep ion chamber trips (FFB problems)–lose 5+ hours of beamtime
- 9/24 day – 1st attempt at setup (amd backout) of dithering phase advance (2+ hours)
- 9/25 day – 2nd attempt at setup (amd backout) of dithering phase advance—+10% and +30% Moller quad change (1 hours)
- 9/26 day – 3rd attempt at setup (amd backout) of dithering phase advance—10% and -20% Moller quad change (<1 hours)
- 9/27 day – -10% quad change dithering phase advance setup—get

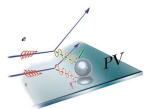


HAPPEX Collaboration

Jefferson Lab Hall A

better dithering slops, raster and intrinsic spot size good→ boiling maybe improved

- 9/29 owl –Rarm Q1 magnet ioc crash. Could not fix from counting house, access taken to reset...magnet power back

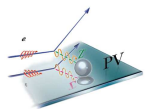


Weekly Beamtime Accounting

- 168 hours scheduled
- 142 hrs (85%) CW Beam on Target
- 131 hrs Acceptable Beam in Use
- 11 hrs BANU

Major causes of lost time

- 5+ hrs dealing with ep ion chamber/FFB issues
- 5 hrs working on dithering phase advance setup



Upcoming Plans

- Get all our hall work/maintenance done over next couple days
- Re-establish production running on Thursday
- Moller measurement Thursday or Friday (during dayshift)
- Q^2 meas. and bkgd studies next week sometime (midweek)
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