

Hall C Operations re A1n/d2n  
Jay Benesch  
19 March 2018

# Outline

- Procedures
- Raster
- FSD
- Summary

# Procedures

- [http://opsntrsvr.acc.jlab.org/ops\\_docs/online\\_document\\_files/MCC\\_online\\_files/HallC\\_beam\\_delivery\\_proc.pdf](http://opsntrsvr.acc.jlab.org/ops_docs/online_document_files/MCC_online_files/HallC_beam_delivery_proc.pdf)  
Hall C beam delivery procedure
- [http://opsntrsvr.acc.jlab.org/ops\\_docs/online\\_document\\_files/MCC\\_online\\_files/HallC\\_energy\\_measure\\_proc.pdf](http://opsntrsvr.acc.jlab.org/ops_docs/online_document_files/MCC_online_files/HallC_energy_measure_proc.pdf)  
Hall C energy measurement procedure
- Hall C ion chamber calibration procedure beta version is being tested and will be finalized summer 2018.
- [http://opsntrsvr.acc.jlab.org/ops\\_docs/online\\_document\\_files/MCC\\_online\\_files/Hall\\_C\\_ion\\_chamber\\_functional\\_test\\_proc.pdf](http://opsntrsvr.acc.jlab.org/ops_docs/online_document_files/MCC_online_files/Hall_C_ion_chamber_functional_test_proc.pdf)  
Hall C ion chamber functional test procedure
- [http://opsntrsvr.acc.jlab.org/ops\\_docs/online\\_document\\_files/MCC\\_online\\_files/hallC\\_target\\_raster\\_proc.pdf](http://opsntrsvr.acc.jlab.org/ops_docs/online_document_files/MCC_online_files/hallC_target_raster_proc.pdf)  
Hall C target raster setup procedure
- Hall C Moller polarimeter measurement procedure will be revived by October 1, 2019

# Raster

- Raster is last active element in C line; no optics issues like in A. At raster current 50A and 1090 MeV/linac, expect  $\pm 3.1$  mm displacement in either plane at pivot. A test will be performed to calibrate the raster via BPM and detector event mode on carbon hole target.
- Slow raster may follow fast raster in lieu of box containing three BCMs now installed on platform (2008 design covered Qweak and two 12 GeV layouts).

# FSDs

- There are at least a dozen empty inputs to the FSD cards which handles Hall C.
- Card which handles target-vicinity ion chambers has four empty inputs so only a properly conditioned signal will be required.
- Notice to SSG in early 2019 will suffice to get work done during the summer down.

# Summary

- Nothing to see here, move along.