

RC report [Mar.02-09,2016] @ Hall-A meeting

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Issues

- BPM 4A \pm x- fluctuation issue (no practical Follow-Up), HALOG:3386795



OWL



DAY



SWING

- Production runs
- Set up Compton to be ready

Issues

- beam goes straight (no chicane)

Issues

- Chance to have BCM (Hall-D down for new radi)
- Beam restoration issue

Issues

- Beam restoration issue

OWL

- Production run

DAY

- 8:30-11:30AM RF recovery (no controlled access)
- Energy measurement with various Hall-A ARC magnet current

SWING

- Set up the Compton (Dave/Ciprian/Greg/Yves)

Issues

- Hall-D agrees invasive BCM measurement
- Plot: ComptonCentralRate

Issues

- Hall-D agrees invasive BCM measurement
- Plot: BCM Strip chart

Issues

OWL

- Check beam current capability
- Careful monitoring Compton BG while increasing beam current !
- Maximum beam current 15uA due to ion chamber trip in Hall-D
- Compton BG looks very good ~ 200 at 15uA
- Production run through chicane !

DAY

- BCM calibration with up to 30uA (invasive+non-invasive)
- Production run (11:30AM)

SWING

- Production run

Issues

- Lost Raster Alpha-Y, PS replaced (Bill Gunning)
- Continue problem of IOChla (remote reset switch not working)
- CHL crashed SL/Vacuum issue/RF trip

Issues

- Raster X is not changing after new PS

Issues

- Beam restoration issue

OWL

- Most of shift: Hall is under controlled access

DAY

- Most of shift: Hall is under controlled access
- Bob figure out Raster problem (cable polarity swapped behind PS)
- MCC investigated IOChla remote reset switch

SWING

Issues

- Take beam away from Compton chicane

Issues

- Set up beam through Compton chicane again (8-9AM)

Issues

OWL

- Production run

DAY

- Production run
- Total charge collection : 2.14C/4.7C
- HALOG

SWING

- Production run

Issues

Issues

- BCM w/ 60uA ??

Issues

OWL

- Production run

DAY

- Production run

SWING

- Production run