

Hall B Meeting RGC RC Report February 13-20

- Monday 2/13
 - SVT chiller controller replaced and ready
 - Switch from ND₃ to carbon, 15:30 start data taking
 - 16:10 CHL1 trip, no beam until 22:00
 - 1-hour run (26 M evnts) with un-rastered beam on carbon
- Tuesday 2/14 - Data taking on carbon
 - North Linac problems
 - 15:00 Switch from carbon to NH₃ target
 - 16:30 Start TE calibration,
 - 21:45 Start polarizing NH₃ (pos)
 - 00:45 start datataking, 4 nA pos pol, HWP in, Pt=+0.3

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- Wednesday 2/15
 - Datataking on NH_3 , 36.0% pol, HWP in
 - Solenoid 5.09 T, Torus inbending 3766 A
- Thursday 2/16
 - Datataking on NH_3 , 36.0% pol, HWP in
 - Some trips during Owl shift, otherwise smooth operation.
 - HWP switched to out (8 am)
 - North Linac problems (1L06 HPA Cooling Fault)
 - Cryo liquid level issues (0L04)
 - Rest of day went smoothly

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- Friday 2/17
 - Datataking on NH_3 , 36.0% pol, HWP out
 - Solenoid 5.09 T, Torus inbending 3766 A
 - Started annealing target at 9:30 am.
 - Data started with -20.4% pol, HWP out
 - New calibration constant by Maxwell
- Saturday 2/18
 - Fire alarm in Hall A (07:00), beam back at 10:15
 - Datataking on NH_3 , HWP switched to IN (21:40)
 - Issues on clonpc16, solved switching from FF to Chrome

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- Saturday 2/18 (cont.)
 - RICH recovery during Owl (during beam down)
- Sunday 2/19
 - Datataking on NH3, -57.26% (begin day) pol, HWP in
 - Trippy beam
 - Regular daq/hardware issues normally solved remotely
 - Datataking on NH3, -58.3% (half swing) pol, HWP in
 - Several issues, mostly related with the injector caused beam down.

RGC 23 FTON Progress

$E_b = 10.54 \text{ GeV}$

