



Detector Support Group

Weekly Report, 2018-01-03

Happy 2018!

Summary

RICH

- RICH moved to Hall B on January 5, 2018.

SVT

- Investigated cause of high current in region 1 modules.
 - * Detector received expected lifetime radiation dose within first shift of data taking because beam scattering due to misaligned collimator.

MVT

- Investigations continued into issues with mass flow controllers (MFCs) and condensing Isobutane.
 - * MKS contacted to request advice on whether MFCs can be used with Isobutane.
 - * MKS suggests using MFCs with Kalrez seals rather than Viton elastomer seals currently in use.
- Talk given in DSG meeting discussing timeline of MVT's mixing system and issues with environmental controls to prevent Isobutane gas from condensing.

Magnets

- DSG will provide support to Hall B Magnet in upcoming run during business hours (8:00AM to 5:00PM) and during off hours (after 5:00PM to before 8:00AM).
 - * Peter Bonneau, Pablo Campero, Brian Eng, Amanda Hoebel, Tyler Lemon, and Nick Sandoval will provide support during business hours.
 - * Pablo Campero, Brian Eng, Amanda Hoebel, Tyler Lemon, and Nick Sandoval will provide support after business hours.
 - * Rotation and scheduling of support yet to be determined.