

4 June 2025 SVT Meeting Notes

- SVT workfest at BNL July 9 9am – July 11 3:30 or 5pm
- Inner tracker serviceability
- PST + beampipe package rolls in and out together?
- PST is the only item possibly requiring roll out to assembly hall
 - Really need to make it serviceable in collision hall
- Will need to unservice SVT to get TOF out because of layers of servicing
- Goal: separate and tray the services in a way to be able to remove them independently
 - SVT, TOF cymbal, Pfrich / EEEMCAL
- Layers in R “bury” access
- Segments in phi more possible?
- 5mm gap between for sliding
- Can PST be split and removed in half cylinders away from the beampipe?
 - Would need to slide out half of the TOF/cymbal trays
- Actions:
 - Firmer service estimates on SVT
 - FEA – PST hanging/rails/beampipe support
 - Explore moving external items for more room for PST/BP insertion
 - Vacuum pump or whatever
 - Check full room model in Vault
 - Phi split of services exploration (not possible on forward / drich side because TOF tray has to be removed anyway) use linked document
 - https://brookhavenlab.sharepoint.com/:x:/r/sites/EICPublicSharingDocs/_layouts/15/doc2.aspx?sourcedoc=%7B06f1f7d1-f444-497a-ae5d-37f639f6faae%7D&action=edit&activeCell=%2716.%20Barrel%20AC-LGAD%20TOF%27!F2&wdinitialsession=bea02d6d-f86c-46ea-8c52-3fd2f32474d3&wdrlsc=8&wdrlc=1&wdrlr=AccessTokenExpiredWarnin g%2CRefreshingExpiredAccessT