

---

Minutes: SBS Meeting October 21, 2015

Agenda: Todd - Update on the GRINCH Detector  
Gordon - Update on end windows for the GEn polarized 3He target

Attendees: Brian Quinn, Gregg Franklin, John Annand, Mahbub Khandaker,  
Mark Jones, Mitra Shabestari, Todd Averet, Vladimir Nelyubin,  
Dasuni Adikaram, Gordon Cates, Simona Malace, Seamus Riordan,  
Andrew Puckett, Alexandre Camsonne, Nilanga Liyanage, Bogdan Wojtsekhowski.

Todd - Update on the GRINCH Detector

- Mirror assembly and alignment are completed
- PMT WLS studies are complete and decided to coat all tubes
- PMTs were tested by JNU group and WLS coating tests are going on
- Improvement in PMT efficiency with WLS paint on face of PMT (JMU)
- PMT array shielding box received at JLab and NC A&T completed first round of magnetic shielding test
- Vessel design is complete and will be delivered to JLab early 2016
- DAQ testing using refurbished GRINCH prototype (II) detector
- Progress in VETROC DAQ tests
- NINO front-end cards being tested and integrated into DAQ test stand
- Six more NINO cards and cables are shipped from Glasgow

Gordon - Update on end windows for the GEn polarized 3He target

- PRC on high-performance alkali target
- Target cell design for SBS GEn experiment
- comparison of GoldenVec-II and GoldenVec-180
  - GoldenVec-II is reproducible
  - GoldenVec-180 target is made of aluminosilicate glass
- Test of canary glass
- Comparison of different Cu alloys with GE-180 glass