

**Minutes of the SHUG Conference Call
September 5th, 2014, 1pm**

1. Roll call
Attendees On line: Claire White, Yang Zhang, Yan Gao, Andrea Marcinkova, Brad Lokitz, Morten Eskildsen, Hanno zur Loye, Greg B., Dave
ORNL: Rob McQueeney, Laura Edwards, Crystal Schrof, Thomas Proffen, Ron Crone, Paul Langen
2. Approval of minutes from August meeting
3. Approval of current agenda - approved
4. Action items from last meeting
 - a. SHUG on-site visit - difficulty for SHUG EC to come on site for face to face meetings. Push to Jan so new members of SHUG EC can join.
 - b. Elections - 12 member committee (instead of 11) with minimum of 9 members and hold elections every 12 months (instead of 18 months) so that 4 members are replaced every Jan 1. Grad/Post Doc term would be 2 years. Current elections will require election of 6 people (max in by laws but 7 people terms expiring). Open elections in Nov and close Dec 1. Laura will send list to Brad to send out.
 - c. Subcommittees - Good idea, by laws already allow/suggest for this. SNS notify SHUG to form committees and they will. 1. Committee to determine what Lujan user's needs/expectations of SNS are and 2. 2nd target station - what are the science challenges? Want input from SHUG about what they want from STS, instruments, etc.
5. Updates
 - a. NSSD Update (Crone) - End of fiscal year, going to meet all DOE milestones in terms of operations and users. Challenges associated with 1.4 mw - stripper foils. Last two targets were longest lasting targets (did not fail) and now a jet flow target is in place (4 spare targets, 2 are jet flow). HFIR - underground pipes replaced, lost cycle made up, most productive year ever. HFIR has been using its fuel supply and needs to work out funding to secure more fuel - cost issue. Offsite with science leaders to discuss 2nd target station, technical requirements document will be coming soon (TDR). LDRD centered around enabling technologies associated with 2nd target station. In general, its been a fantastic year.
 - b. SNS/HFIR facility/instrument updates
(Nagler/Proffen/Langan)

Rob for Steve - Quantum Condensed Matter: ARCS had a vacuum vent in an uncontrolled way which led to damage to some of the detectors but all the detector modules have been fixed - lost 10 days of time. SING II coming to end and CORELLI undergoing commissioning. High

magnetic field workshop being held at ORNL to work on getting better and providing high field capabilities.

Thomas - CMD: POWGEN had 2 issues that required loss of beam time. First issue was slit settings that have been fixed but 2nd involves choppers which required removal of sheilding. Hope to have that repaired and back in operataion ASAP.

Paul - Soft Matter: LR added slits closer to sample to have smaller footprint with higher flux, increased signal to noise. Some really good rheology experiments were done on LR and BioSans at HFIR. MANDI having a bank of 10 new detectors to give it 20 total. Imagine and BioSANS running well - going to add wide angle to detectors in fy15 to extend Q range of biosans.

c. User office updates (Laura)

SNS unique users is 719 (not including aug or mail in samples) - goal is 780. HFIR is 387 and goal is 340. Currentproposal call which closes Oct. 15.

6 New Business

Next call: Next call will be on Friday, Oct 3 at 1pm.