

DAQ for 15-ID pinhole SAXS Project Home

Project Summary

This project has evolved a bit from its original goal of trying to apply GDA to SAXS. We are now working to introduce CSS-BOY (MEDM replacement) and our locally built scan-engine. The goal at this time is to replace the current use of SPEC scripts.

Participants

- [John Hammonds \(SSG\)](#)
- [Claude Saunders \(SSG\)](#)
- [Mitch McCuiston \(SSG\)](#)
- [Tim Mooney \(SSG\)](#)
- [Peter Beaucage \(XSD\)](#)
- [Jan Ilavsky \(XSD\)](#)
- [David Ilavsky \(XSD\)](#)
- [Kevin Peterson \(BCDA\)](#)
- [Pete Jemian \(BCDA\)](#)
- [Steve Weigand \(DND-CAT\)](#)

Plan

We are now working with a new plan. We have chosen not to continue to pursue our [original plan](#).

Our current plan is to:

1. **Continue to pursue development of operator interface screens with CSS BOY**
 - a. 15 ID group will continue with the creation of screens.
 - b. SSG and BCDA need to continue work on completing MEDM to BOY converter and apply conversions to produce a set of replacement screens for synApp displays.
 - c. Until synApps screens are completed, develop a uniform approach to launch MEDM to use existing displays
2. **Deploy APS scan-engine to replace use of SPEC**
3. **Modify existing python app to generate scan-engine script instead of SPEC script.**

Links to Project Artifacts

- [Scan Engine](#)
- [SAXS repository](#)

Status

CSS-BOY has been successfully deployed and is in use for pinhole SAXS instrument. We are presently introducing the scan-engine into the environment, and have demonstrated a simple scan script. We are proceeding to more fully integrate the new scan-engine into their existing workflow, which involves modifying a python app to generate the scan script from configuration parameters entered by a user.

Meeting Minutes