

DSG Engineering Meeting Minutes

Date: April 16, 2024

Time: 02:00PM – 03:15PM

Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Mindy Leffel, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

1. Hall A - LAPPD

Pablo Campero and Marc McMullen

1. Discussed dry fit of gantry and support structure inside the dark box
2. Reviewed results of Ansys Static Structural simulation conducted by Pablo on the gantry support structure – max deformation for 16 kg weight was 4.45×10^{-6} m

2. Hall C - NPS

Aaron Brown

1. Reviewed MYA data plots of crystal array temperatures

3. EIC – DIRC

Tyler Lemon

1. Reviewed presentation on shipment of barboxes from SLAC
 - Goal to have $< \pm 1$ g on the barboxes was successful
2. Decision on usability of bars expected by October 2024
3. EIC group is developing procedure for removing and testing bars