DSG SICOM Meeting Minutes

Date: April 25, 2024
Time: 2:00 PM – 3:00 PM

Attendees: Mary Ann Antonioli, Peter Bonneau, Pablo Campero, George Jacobs,
Marc McMullen, and Tyler Lemon

1. **NPS interlock program**
   Mary Ann Antonioli and Aaron Brown
   1. For version 3, Mary Ann will discuss with Aaron changes required for the logic related to latching and interlocking actions

2. **Hall A LAPPD Ansys structural analysis**
   Pablo Campero
   1. Used Ansys Static Structural to calculate the maximum deformation of the gantry support T-slot to be 69.6 µm
   2. Used Ansys Static Structural to calculate the maximum deformation of the entire gantry support structure to be 48.2 µm

3. **Hall A LAPPD gantry controls**
   Pablo Campero and Marc McMullen
   1. Discussed options to set the maximum and minimum gantry movement limits using Zaber Launcher software
      - Limits will be based on the LAPPD window dimenstions
   2. Discussed offset limit options to be configured for the home sensor that determines the zero position of the gantry system