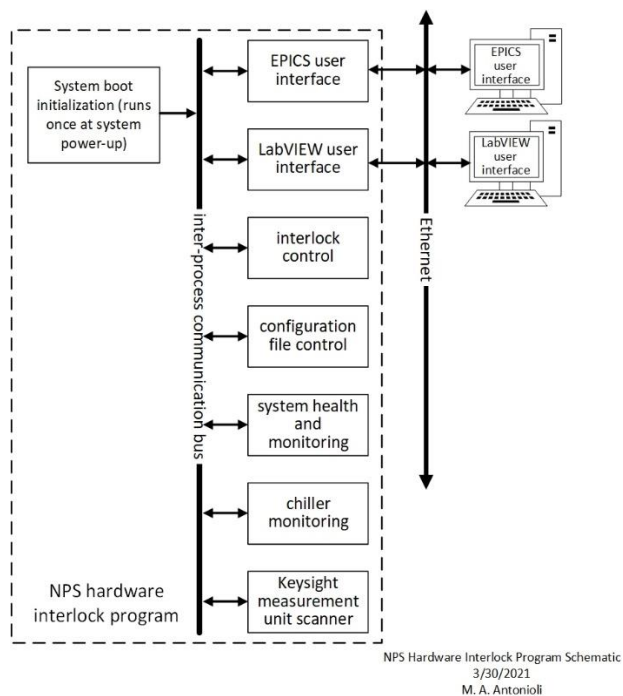# DSG-NPS R&D Meeting Minutes

Date: March 22, 2022
Time: 02:00PM – 03:00PM

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

1. **Hardware Interlock System Development**
   Mary Ann Antonioli, Peter Bonneau, and Aaron Brown
   1. Reviewed spreadsheet detailing LabVIEW VIs and subVIs that need to be developed for the hardware interlock program
      - The order of the listed subroutines will be revised to reflect the order of the subroutines in the Hardware Interlock Program schematic

Schematic of the NPS Hardware Interlock Program

      - A 20% time contingency will be added to all tasks
   2. Reviewed spreadsheets detailing EPICS screens for the hardware interlock program
      - All EPICS screens, whether for monitoring or interlock control, will be listed on the same spreadsheet
   3. Reviewed spreadsheet detailing hardware to be fabricated for the hardware interlock system
      - Spreadsheet will be revised to include quantity, status of completion, and personnel