DSG-R&D Phoebus Alarm System Meeting Minutes

Date: March 31, 2022
Time: 11:00PM – 12:00PM

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

1. **CS-Studio Phoebus**
   Peter Bonneau
   1. Advantages of a site-specific Phoebus product being developed
      - Bundles together the configuration files and application preference settings into a package for distribution on multiple computers
      - Bundles custom menu labels and user interface settings for the applications
        - For the alarm system, allows branding of the alarm configuration name. For example, "Hall C NPS" instead of the default name of "Accelerator" in the source code
      - Can be distributed as a site-specific binary package
        - Reduces complexity; easier than compiling the entire Phoebus product from source code on every distribution computer

2. **EPICS alarm system based on CS-Studio Phoebus**
   Peter Bonneau
   1. Developing a program to continuously read from or write to a specific Kafka message stream
      - Will be used to debug the alarm system Kafka message stream for PV configuration settings