DSG-R&D Phoebus Alarm System Meeting Minutes

Date: March 17, 2022
Time: 11:00PM – 12:00PM

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

1. **EPICS alarm system based on CS-Studio Phoebus**
   Peter Bonneau
   1. Debugging the Kafka message stream for process variable (PV) configuration settings
      - The Phoebus user interface is used to enter PVs to be monitored by the alarm system
      - Alarm system settings for each monitored PV are also entered via the user interface. Some example configuration settings for each PV include:
        – Monitoring enable
        – Alarm annunciate enable
        – Guidance on how to respond to the alarm
        – Links to user interface displays
      - Some of the configuration settings are not being received by the alarm server
        – Developing a program to continuously monitor the Kafka message stream for PV configuration settings