

DSG-R&D CS-Studio Phoebus Meeting Minutes

Date: April 12, 2024

Time: 2:00 PM – 3:00 PM

Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, and Marc McMullen

1. EIC DIRC Phoebus Alarm System Test

Peter Bonneau, Mindy Leffel, and Tyler Lemon

1. The Linux system laptop, local network switch, Dell DA310u multiport adapter, and external SSD with system software have been delivered and are ready to be set up
2. Peter Bonneau updated the Phoebus alarm system software packages, alarm system user interface, and EPICS softIOC for the DIRC test to the latest versions
3. Peter Bonneau updated the documentation on the operation of the alarm system on the development laptop
4. Mindy Leffel assembled the cRIO chassis
5. Tyler Lemon loaded the LabVIEW software on the cRIO controller

2. EIC DIRC Laser Interlock PCB for Phoebus System Tests

Marc McMullen, Peter Bonneau, Mindy Leffel, and Tyler Lemon

1. Marc McMullen will revise the laser interlock PCB to allow external signal access to interlock system inputs and outputs
 - Revised PCB will be used exclusively in Phoebus development system tests

3. Phoebus Test System

Peter Bonneau, Mindy Leffel, and Marc McMullen

1. Phoebus test station acquires live data instead of simulated data
2. Marc McMullen will procure the chassis power supply and connector
3. Peter Bonneau procured the NI cRIO controller, modules, and chassis
4. Mindy Leffel is currently assembling the cRIO chassis
5. Peter Bonneau is developing the system with the latest version of Phoebus (4.7.3) and software support package