

Hall D Slow Controls

Date: June 13, 2019

Attendees: Peter Bonneau, Pablo Campero, Hovanes Egiyan, Brian Eng, Tyler Lemon, Nick Sandoval, Scot Spiegel, Tim Whitlatch, Beni Zihlmann

1. **Cooldown of Solenoid from 80 K to 4 K planned to start next week.**
 - 1.1. Plan to perform all checks and power magnet in August 2019.
2. **PXI update and calibration due.**
 - 2.1. DSG will update PXI to LabVIEW 2019 once it is available from license server.
 - 2.2. PXI's ADC modules are due for calibration; DSG will perform calibration once PXI is updated to LabVIEW 2019.
3. **Discussed updating method Solenoid's EPICS alarms database are configured to match to configuration method used by all other Hall D systems.**
 - 3.1. Currently, Solenoid's alarm configurations are done manually.
 - 3.2. Other systems' alarm configurations are done using a script, but the extreme number of tags (> 2000) to pass to EPICS from Solenoid PLC causes a significant delay in alarm monitoring.
 - 3.3. Nick Sandoval will remove unneeded tags from Solenoid PLC and then Hovanes Egiyan will attempt to use other systems' configuration method for Solenoid.
 - 3.4. Afterwards, task will be reevaluated and next course of action determined.
4. **Hall D CSS screens to WEDM**
 - 4.1. DSG will convert Hall D's CSS screens to WEDM and put them on *epicsweb*.
 - 4.1.1. Allows access to screens from web browser on PCs or mobile devices.
 - 4.1.2. Tim Whitlatch will send Tyler Lemon list of screens to be converted.
 - 4.2. Tyler Lemon will investigate adding linking buttons to WEDM screens to allow users to open related screens from within other screens.
 - 4.3. Menu structure will be determined and set up to add screens to Accelerator's JMenu in addition to linking buttons.
5. **Hall D EPICS servers will be updated to Red Hat Enterprise Linux 7 in August 2019.**