

Hall D Slow Controls Meeting

Date: July 9, 2020

Time: 10:00AM – 10:15AM

Attendees: Aaron Brown, Peter Bonneau, Pablo Campero, Hovanes Egiyan, Brian Eng, Tyler Lemon, Nick Sandoval, Mark Stevens, Tim Whitlatch

1. Solenoid MPS debugged and then successfully ramped to 800 A
 - 1.1. On first attempt, MPS would not ramp
 - 1.2. While debugging, found that analog voltage signal that MPS sends to PLC that is proportional to its current output was not behaving correctly
 - 1.3. Turned MPS off and reseated connector between MPS current control board and board responsible for analog voltage output
 - 1.4. After MPS is restarted, Solenoid was able to be successfully ramped.
 - 1.5. Plan is to leave magnet at 800 A and then ramp down by end of July 9 and leave magnet system on standby so it is ready for upcoming physics run.
2. Hot checkouts in progress
 - 2.1. Checks carried out remotely and in Hall
 - 2.2. Chillers are on and running
 - 2.3. Goniometer tripped during checks (reason unknown) but worked correctly after reinitialization
 - 2.4. IOC will be rebooted to reimplement MPS status bit PVs for WEDM screen
3. Spares
 - 3.1. Nick Sandoval submitted PR for spare PLC components and new CompactLogix controller for testing
 - 3.2. Tyler Lemon received spare chiller controller
 - 3.2.1. Controller in EEL 121c, if it is needed
4. GlueX Overview CSS screen requested in WEDM
 - 4.1. Since most Hall D staff are working remotely, it would be good to have GlueX Overview screen in WEDM to make it easier to monitor Hall D remotely during upcoming run.
 - 4.2. DSG will start conversion of screen to WEDM