

Hall D Slow Controls Meeting

Date: August 22, 2019

Time: 10:00AM – 10:30AM

Attendees: Aaron Brown, Pablo Campero, Hovanes Egiyan, Brian Eng, Tyler Lemon, Nick Sandoval, Scot Speigel, Tim Whitlatch

1. Solenoid cool down scheduled to begin week of August 26, 2019.
2. New PXI controller tested in Hall D; controller successfully boots and runs its program.
 - 2.1. Controller tested will be used as spare.
3. Goniometer
 - 3.1. Control boards shipped from Newport; expected at JLab next week.
 - 3.2. After boards received and installed, goniometer will be surveyed for alignment.
 - 3.3. XPS controller
 - 3.3.1. Replacement received but it had a defective slot that damaged two spare cards.
 - 3.3.2. Additional controller and replacement cards have been shipped and are expected at JLab in the next few days.
4. Tagger NMR
 - 4.1. Tim Whitlatch discussed problem with Accelerator and received advise that power supply in single board computer may need to be readjusted to provide proper 5 V supply.
 - 4.2. Nick Sandoval will investigate further and adjust power supply if needed.
5. ComCal platform
 - 5.1. Stiffeners added to platform.
 - 5.2. Platform has been surveyed and its alignment verified to be within ~100 microns of set point for portion of detector in beam.
6. WEDM screens
 - 6.1. Hall D cryotarget has existing EDM screens.
 - 6.2. Hovanes will send Tyler Lemon EDM screens and Tyler will post them on WEDM and make any necessary changes to screens.
7. DIRC
 - 7.1. Lower optical box:
 - 7.1.1. Mirrors removed and optical box sent for re-anodizing.
 - 7.2. Upper optical box:
 - 7.2.1. Mirrors to be removed without uninstalling optical box.
 - 7.2.2. Allows all other instrumentation and cabling to remain installed on detector.
8. Update of gluon servers to RHEL7
 - 8.1. Update of servers from RHEL 6 to RHEL 7 in progress.
 - 8.2. Server with IOCs, gluon30, will remain RHEL 6 until IOCs can be migrated to and tested in RHEL 7.