

Torus and Solenoid – LabView and PLC programs Meeting

Date: 11/22/2016

Time 13:00 – 14:30

- I. It was agreed that we will control the version PLC programs for the Solenoid and Torus magnets as follows:
 - a. The latest version will be running in the PLC controller Solenoid and Torus.
 - b. We required that the latest version program has to be updated in GitHub.
 - c. The production version of the programs which is the non-executable (at the moment) version that is under development (Solenoid) needs to be updated in GitHub, once this will be completed we will be carry out in the controller after consultation with the hall engineer (Bob Miller).
 - d. Any change will have a brief description to identify the changes in each version.

- II. It was agreed that we will control the version LabView programs for the Solenoid and Torus magnets as follows:
 - a. The latest version will be running in the cRIO controller Solenoid and Torus.
 - b. We required that the latest version program has to be updated in GitHub(Both executable and non-executable)
 - c. The production version program will be carry out in the controller after consultation with the hall engineer (Bob Miller).
 - d. Any change will have a brief description to identify the changes in each version.

- III. Will take care of the EPIC's for the Solenoid and Torus magnets as follows:
 - a. The latest version will be running in EPICs Server for Solenoid and Torus.
 - b. The latest version program has to be updated in GitHub.
 - c. The production version program will be carry out in the controller after consultation with the hall engineer (Bob Miller).
 - d. Any change will have a brief description to identify the changes in each version.

- IV. It was decided that we will work on a document with the procedure for the control and storage of the programs that compromise the Solenoid and Torus.
 - a. A Word document will be written by Tyler Lemon and me whit the steps of and instruction to get update and save PLC, Labview and EPICs programs.
 - b. This document has to be completed by 12/15/16.

- V. Brian Eng will guide to Tyler and I to make a correct update and pushing on line by using GitHub the production and latest version of the programs.
 - a. I updated the Test version of the Solenoid PLC program, but it was agreed that I also need to update the production version which is the current version in work.
 - b. Tyler Lemon will update his latest version of LabView program that was used during Voltage Injection Test for the Solenoid Fast_DAQ cRIO.

- VI. Nicholas Sandoval and I will work on the remaining Solenoid PLC programming tasks.
 - c. I made a list with the information required to complete the PLC programing for the Solenoid.
 - d. Nicholas Sandoval and I will look at this list on 11/23/16.

- VII. Renuka Rajput-Ghoshal will clean up the M Drive to remove the old version programs that are not required.