

Hall C - PLC Task List issued on May 01, 2018			
Item	Description	Person	Duration (days)
1	Interactive HMI data logging upgrade installation and operation	TBD	20
2	End of life for Windows 7 upgrade to Windows 10	TBD	10
3	Develop “on loop” current regulation routine	Tyler	10
4	Add HMS “spectrometer vacuum” controls	Tyler	2
5	Modify SHMS shutter not installed status	Amanda	1
6	Connect to system and program UPS status	Tyler	2
7	Tune valve PID	Brian	5
8	Rewire and program SHMS LVDT I/O modules to single ended	Pablo	4
9	Program PLC communication with new NMR units	Pablo, Tyler, Peter	5
10	Add HMS Quadrupole hall probe readouts to PLC	Brian	3
11	Add HMS Shutter controls and status	Amanda	1
12	Add spectrometer rotation electric break control	Brian	5
13	Remote alarm notification to on-call support staff	Amanda	4
14	Re-program for replacement SHMS LHe/LN2 meters	Amanda	15
15	HMS & SHMS Dipole field regulation routine	Pablo	10

Hall C - PLC Task List issued on June 05, 2018					
Item	Description	Priority	Person	Duration (days)	Status
1	PLC - Rotation Shunt trip upgrade	1	TBD	?	
2	PLC- Test Ethernet vs Controlnet interface.	1	TBD	?	
3	PLC - New NMR communication to PSU through PLC	1	Pablo, Tyler, Brian, Peter	5	In Progress
4	PLC - Add HMS Spectrometer Vacuum to controls	2	Tyler	2	In Progress
5	PLC - Data Logging upgrade, install and make operational	2	TBD	20	
6	PLC - develop "on loop" current regulation routine for quad's PSU.	2	Tyler	10	
7	PLC - Tune valve responses	2	Brian	5	
8	PLC - wire UPS status to controls	2	Tyler	2	In Progress
9	PLC - modify SHMS shutter not in place status	2	Amanda	1	In Progress
10	PLC - Alarm notification to on-call staff	3	Amanda	4	
11	PLC - Add HMS quadrupoles hall probe readouts to PLC	3	Brian	3	
12	PLC - Add HMS shutter controls and status	3	Amanda	1	In Progress
13	PLC - Change SHMS LVDT I/O module from Differential to Single ended	3	Pablo	4	
14	PLC - End of life for Windows 7 upgrade to windows 10 (next year?)	4	TBD	10	

Comments:
Tasks highlighted in yellow were added in the new list generated on 06/05/2018
Tasks highlighted in orange were removed in the new list generated on 06/05/2018
Tasks highlighted in green are in progress