

## Hall D

Task	Start	Finish	resources
Replace Hall D Tagger Magnet window and "O" ring	22-Sep-20	30-Oct-20	foyles, Blackburn, Allen, S&A several times during this
Solenoid Ramp Current upgrade from state machine to PLC	29-Sep-20	10-Oct-20	Sandoval
Magnet Power Supply heat survey, periodic maintenance, Citro flush if needed	23-Sep-20	30-Oct-20	Spiegel, Bunton, Installation group as needed
Hall D Refrigerator/mass flow test	30-Sep-20	1-Oct-20	Cryo
Test relief valves for the detector gas system	7-Oct-20	11-Oct-20	spiegel, whitlatch
Survey DIRC as found Optical and Bar Boxes	25-Oct-20	26-Oct-20	S&A 1 day
Repair/Replace FCAL bases	12-Oct-20	12-Jun-21	Physics Electronics
Investigate/Repair CDC HV board issues	20-Oct-20	20-Feb-21	Hall D staff

LCW water system maintenance	1-Nov-20	18-Nov-20	Foyles, Allen, Facilities (their own schedule)
Remove, Inspect and reinstall DIRC Mirrors	1-Nov-20	15-Dec-20	Blackburn, Allen, Bunton
Magnets and Power Supply instrumentation upgrade - Flow meters and Temp	1-Nov-20	15-Dec-20	Spiegel, Bunton
Remove ComCal from stand, Sasha to fix bases, reinstall, Survey	15-Nov-20	25-Apr-21	Foyles,Sasha,Allen, S&A
Vacuum systems maintenance	16-Dec-20	20-Jan-21	Blackburn, Bunton
DIRC Monitoring system Upgrade	16-Dec-21	25-Jan-21	Spiegel, Sandoval
Citro-flush BCAL cooling loops	19-Nov-20	25-Nov-20	Foyles, Allen, Installation 2 days
Commission new FCAL 2 chillers	26-Nov-20	20-Dec-20	Foyles, Allen
TOF Paddle repair	5-Jan-21	10-Feb-21	Foyles, Allen
Reconfigure and replace 5H00 Turbo Vacuum Cube	21-Jan-21	20-Feb-21	Blackburn, Bunton, Eng Elec

Clean Solenoid Cold Cathode Gauges	21-Feb-21	24-Feb-21	Blackburn, Bunton
Motor Drive maintenance	26-Jan-21	6-Feb-21	Spiegel, Allen
CPP preparation/Platform modification	21-Feb	5-Mar-21	Foyles, Allen
CPP Preparation - Install floor rails	22-Mar	5-Apr-21	Foyles, Allen, S&A 1 day
Goniometer stage annual maintenance	21-Feb-21	28-Feb-21	Blackburn, Bunton
Shift FCAL platform 5mm	6-Apr-21	9-Apr-21	all hands
Install upstream Solenoid Safety Fence	1-May-21	4-May-21	Spiegel, Allen
Service air filters on all crates	10-Mar-21	15-Mar-21	Physics Electronics
Prime/paint lifting fixtures	20-Apr-21	15-May-21	all Hall D hands
CompCal – survey after base replacement and DIRC	1-May-21	3-May-21	S&A 1 day

Chiller Controls Update - BCAL/ComCal	1-Apr-21	11-May-21	Sandoval, Spiegel
Changing Targets before and during the 2021 run	1-Apr-21	30-Apr-21	all Hall D hands
Pre-run Hot Checkout	15-May-21	30-May-21	all Hall D hands
FCAL 2 Crystal Module fabrication	1-Nov-20	30-May-21	switch people when available
New Diamond Install	15-May-21	22-May-21	Blackburn, Bunton
Fcal darkroom mods (for coming CPP apparatus)	1-Apr-21	30-Apr-21	all Hall D hands