



Detector Support Group

Weekly Report, 2019-01-02

HAPPY NEW YEAR

Summary

Hall C EPICS

- Development of HMS and SHMS HV monitoring/controls screens in CSS underway.

LTCC

- 500 kg of C₄F₁₀ gas delivered to JLab on January 2, 2019.
- Gas control's solenoid power chassis fabrication completed.
- Fabrication of cables for solenoid power chassis completed.
 - ★ Eight cables for solenoid power
 - ★ Four for Omega Process Controller
 - ★ Four for cRIO relays
- Gas system cRIOs' program for C₄F₁₀ pressure controls system being tested.
- During upcoming physics run, sectors 3 and 5 will be filled with C₄F₁₀.
 - ★ C₄F₁₀ pressure controls system will minimize gas loss compared to 100%-loss system (vent-to-atmosphere).

RICH

- Design and part specifications for automatic N₂ backup provided to DA (Bill Crahen).
 - ★ Waiting to on DA approval of system.
 - ★ Test using bottled nitrogen will be performed after DA approval.

Hall A HCAL

- Re-labeling and testing of cables underway.
 - ★ 288 of 1472 (~20%) of LEMO-to-BNC cables completed

Hall A Cable Labeling and Testing Status

LEMO-to-BNC						
<i>Date</i>	<i>Total #</i>	<i>To Lab</i>	<i>Completed</i>	<i>To Bogdan</i>	<i>Remaining #</i>	<i>Remaining %</i>
	1472				1472	
		128			1472	
11/20/18			128		1344	91
11/29/19		546			1344	
12/18/19			64	192	1280	
01/04/19			96		1184	80
LEMO-to-LEMO	320				320	100