HCal timeline (B. Quinn May 22/19)

Modules produced, shipped, mounted in subassemblies
Pulser calibration system built, installed
PMTs tested, positioned
HCal-Front End (and ½ internal Front-End cabling)
Front End to fADC
fADC readout
--------------------- Done-----------------------------------------

Timing vs. discriminator position
PMT timing JLab vs. CMU (corrections needed?)
Study PMT rotation effect on cosmics / pulser
Two VME crates, all fADCs, F1 TDCs
F1 TDC readout
Front-End to DAQ cabling
---------------------June/19---------------------------------------
Install PMTs (cleaned, with grease, tape, O-rings)  
(replace mylar as needed) 
Test full signal path (1/2 HCal) 
Cross-talk tests  
Calibrate pulser p.e.’s for each tube  
----------------------------July/19---------------------------------

Cosmic tests  
Cable all of HCal Front End ??? (Students available to help) 
HV curves, gain equalization  
Timing resolution tests with TDC/fADC (cosmic and pulser)  
----------------------------Aug/19---------------------------------

Basic GMn DAQ / analysis  
----------------------------Sept/19---------------------------------

Build pulser control into GMn DAQ  
----------------------------Oct 19----------------------------------
High statistics cosmic tests
Gain stability
----------------------------- Dec/19------------------------------------------

Dry air manifold/tubing… flow rate tests ???

HCal trigger using JLab summing modules ?????