

Hall D JEF Meeting Minutes

Date: 11/03/2022

Time: 01:00 PM – 01:30 PM

Attendees: Arshak Asaturyan, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Mindy Leffel, Tyler Lemon, Marc McMullen, Alexander Somov, Chris Stanislaw, and Timothy Whitlatch

1. Reviewed FCAL2 presentation

Alexander Somov

1. [FCAL2 in Hall D](#) status

2. Module fabrication

Arshak Asaturyan, Mindy Leffel, and Alexander Somov

1. Mindy is wrapping the crystals with ESR and Tedlar (1318 of 1600 completed)
2. Assembled modules: 1318 of 1600 completed
3. ~80 crystals on-hand
 - There will be an additional 140 crystals, repurposed from the currently running PrimEx experiment, available in January 2023; they will need to be checked for damage and possibly rewrapped
4. 1600 PMT sockets on-hand
 - Can immediately begin to prepare sockets for installation (soldering of wires to socket pins to connect the socket to the PMT base); Mindy Leffel can do the soldering in parallel with crystal wrapping
5. PMT bases will be ordered in November 2022; expected arrival at JLab is February 2023
 - Once received, each base will need to be inspected

3. Additional topics

1. DSG assistance will be needed to disassemble the FCAL modules, starting in May 2023
 - This may involve visually inspecting lead glass block modules for damage, refurbishment of lead glass block modules, and supervising any undergraduate students assisting in this phase of the project
 - Alexander Somov is generating detailed procedures and will them to the Hall D FCAL2 wiki page
2. DSG assistance will be needed for installation of FCAL2, starting at the end of June 2023
3. DSG assistance will be needed to fabricate high and low voltage cables for each module