

Hall D JEF Meeting Minutes

Date: 03/28/2022

Time: 01:30 PM – 01:48 PM

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

1. ESR film pre-shaping

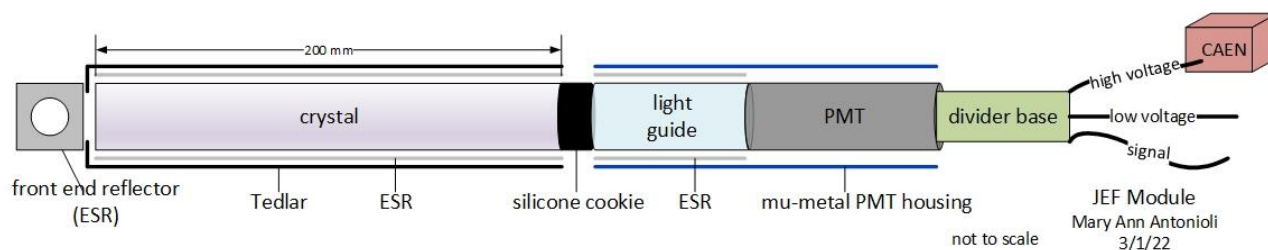
George Jacobs

1. 500 of 1600 completed (~30%)

2. Module fabrication

Arshak Asaturyan, Mindy Leffel, and Alexander Somov

1. Mindy is wrapping crystals with ESR and Tedlar (69 of 1600 completed)
2. Reviewed [spreadsheet for module fabrication](#) (~230 of 1600 completed)
3. There are currently ~360 crystals on hand
 - Will use ~250 SICCAS crystals from Hall C's NPS
 - Procured ~250 CRYTUR crystals, which have started arriving at the lab
4. Workspace will move from Test Lab to the EEL building in June
5. Reviewed components of crystal module
 - PMT divider base prototype is complete – procurement for components started
 - Low voltage requirement: ± 5 V
 - High voltage requirement: 940–960 V
 - Light guides need to be glued to PMTs; DSG may be able to assist



Schematic of fabricated JEF module

3. Additional topics

1. Discussed timeline for module assembly completion and insert installation
 - All modules need to be assembled by end of 2022/beginning of 2023
 - Insert installation expected to begin in 2023; ~10 month project