

DSG-RICH R&D Meeting

Date: November 1, 2021

Time: 11:00 AM – 12:00 PM

Attendees: Aaron Brown, Peter Bonneau, Pablo Campero, Brian Eng, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

1. Safety documentation for RICH assembly

Marc McMullen

1. First draft complete
2. Electronic panel installation procedure undergoing update
 - [Link to information on new procedure](#)

2. Aerogel

Tyler Lemon and Marc McMullen

1. Marc McMullen moved two crates of 10 aerogel tiles into small cleanroom gowning area
2. Tyler Lemon will move tiles into dry cabinet in small cleanroom

3. d0 CCD background considerations

Tyler Lemon

1. Collaborators request taking background measurements with both CCDs in as dark as possible environment to determine if CCDs have a base background (regardless of ambient light conditions) that change over time
 - Program currently running to acquire one background image every minute for one hour with exposure times of 0.5 ms for CCD currently on CCD stand
 - CCD on stand has lens cover on CCD, putting CCD sensor into darkest environment possible
 - Second CCD swapped out and test repeated.
2. Ximea contacted for:
 - Quote on a new CCD
 - To ask whether their CCDs require any sort of re-calibration after a time period.