## **DSG-RICH Meeting Minutes**

**Date: April 16, 2021** 

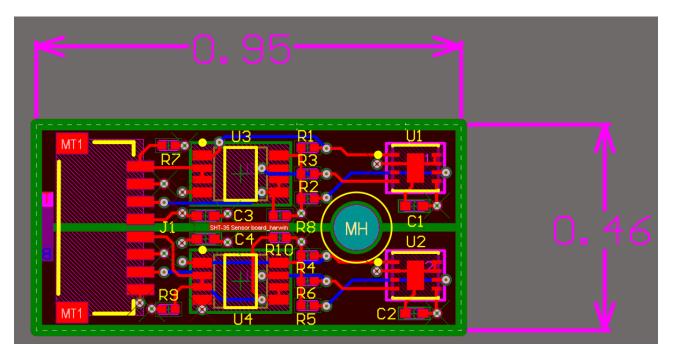
Time: 11:00AM - 12:00PM

<u>Attendees</u>: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

## 1. SHT35 sensor PCB design

Peter Bonneau, Brian Eng, Tyler Lemon, and Marc McMullen

- Determination of pull-up resistor sizing for I<sup>2</sup>C bus in progress
  - Pull-up resistors in question are R7-R10 in design below
- Reviewed locations of vias to ensure there are no small areas of copper, or "choke points", between vias, keepout areas, and solder pads
  - Choke points could result in unintended current flow through area of copper



## 2. Detector shell shipment

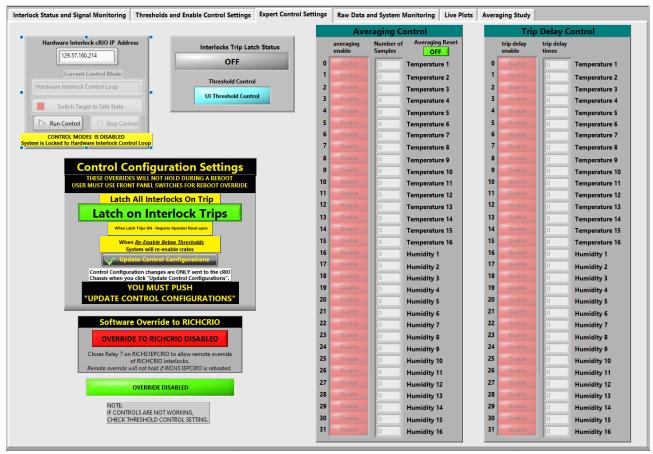
Tyler Lemon

- Customs billing and arrangement for delivery in progress
- Arrival expected by end of April
- Walt Akers arranging for storage space in ESB

## 3. RICH-II LabVIEW remote interface

Pablo Campero and Tyler Lemon

- Reviewed RICH-I's LabVIEW user interface and changes that will be made for RICH-II
  - Talk on RICH-I LabVIEW remote interface
  - Major change will be in the LabVIEW code, where messaging will be replaced with network variables



Expert control tab of RICH-I Electronic Panel LabVIEW user interface.