

# DSG Meeting Minutes – Wednesday, January 7, 2015

## Antonioli, Mary Ann:

### Hall B

- Attempted to continue **SVT** EPICS testing. Initially, the GUI to turn on LV and HV was unavailable (grayed out). After Brian contacted Sue Witherspoon, that problem was fixed. Then attempted to turn on LV and HV to test over-night stability, but there were too many problems just to turn on the LV.
- Began working on **SVT** EPICS data-logger.

### DSG

- Imported Dave's **note** on **Hall D gas system** from Word to Adobe InDesign.
  - Added photos, made table, and laid out document in correct format and with correct text and paragraph styles. After discussions with Dave, edited the document for clarity.
- Imported Peter's **note** on the **LTCC** test program from Word to Adobe InDesign.
  - Added pictures and laid out document in correct format and with correct text and paragraph styles.
- Imported Marc's **note** on **SVT** insertion cart and racks into Adobe InDesign.
  - Laid out document in correct format and with correct text and paragraph styles. After discussions with Marc, began editing. Began adding pictures, but ran into problems. Some pictures need changes, and there was a printing issue with the file caused by the pictures. Requested from Marc changes to pictures to resolve these issues.

## Arslan, Sahin:

### Hall B

- QC-ed with Marc three *bare* HFCBs for the **SVT**.
  - Shipped tested *bare* HFCBs to Compunetics.
- QC-ed with Marc six *populated* HFCBs.
  - Shipped tested *populated* HFCBs to FNAL.
- Wrapped, with Mindy, **DC R3 S1, 3, 4, and 5** with plastic to prevent damage to the Mylar window.

## Bonneau, Peter:

Sick leave/vacation

## Butler, Dave:

### Hall B

- Writing LabVIEW code for the **Tracking Detector Safety System's** HFCB noise test.
  - Code will check if the National Instruments equipment will cause noise on the HFCB signal if the temperature signal is tapped off and read at two locations. Equipment was ordered and should be here towards the middle of January.

### Hall D

- Finished the **PLC code** for the vapor-cooled lead test for the Teledyne Hastings flow controller for the Hall D solenoid.

- Test stand will be used to set up the communications for the spare flow controller and testing will include contingencies for lost or corrupt serial communication to the flow controller.

## Eng, Brian:

### Hall B

- Resumed **SVT** EPICS testing with Mary Ann.
  - Found **major Alarm Handler issues**—some modules wouldn't turn on right away (or required multiple clicks), but biggest issue being **modules turning off randomly without any alarm**.

### Hall D

- Began reviewing **Solenoid** PLC Code, using version 11 of *.ACD* file. Also reviewing some presentations and drawings (~100!) provided by Dave.

### DSG

- Troubleshooting lack of **networking** on svt5 controller (in EEL/121B), which wasn't getting DHCP response during PXE boot. Found problem was on specific port of network switch, i.e. that controller and cable are fine. Reported problem to CC.

## Jacobs, George:

### Hall B

- Determined the proper cylinder pressure regulator to use for **MicroMegas** testing with pre-mix 10% Isobutane in Argon and requested quote on same (Praxair regulator series PRS40021631-350).
- Attended **TDG meeting**: discussed the upcoming MicroMegas testing in EEL with pre-mix 10% Isobutane in Argon.

### DSG

- Discussed with Marc compressed gas **safety** issues that I noticed on the **outside EEL gas pad**.

## Leffel, Mindy:

### Hall B

- Retrieved with Tina 60 **LTCC** Winston Cones, those with the lowest reflectance readings, to be sent to Evaporated Corporation, Inc. for re-coating.
- Continued fabricating HTS cables for the **SVT** Slow Controls Patch Panel.
- Installed, with Sahin, protective sheeting on the **DC** sectors 1,3,4, and 5 for region 3, in the cleanroom.

### DSG

- Writing DSG **note** on **CTOF** PMTs.
- Started formulating **SVT** slow controls patch panel **note**.

## Mann, Tina:

### Hall B

- Calibrated and aligned mirrors for **LTCC** Winston Cones test.

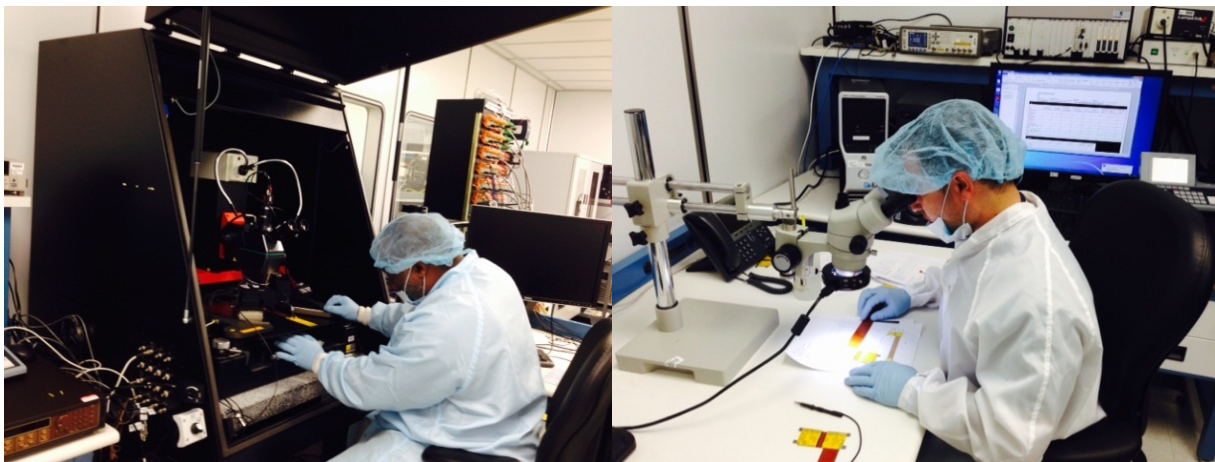
### Hall D

- CDC **walk-through** system check.

## McMullen, Marc:

### Hall B

- QC-ed with Sahin 11 *populated* HFCBs from Compunetix.
  - Shipped 6 tested boards to FNAL.



Marc and Sahin QC-ing **SVT** HFCBs.

### DSG

- Met with George about the **EEL flammable gas pad**.
  - Flammable gas lines are run along the foundation of EEL on the ground; *can be damaged*. Further, some lines are not UV-protected. Best option would be replacing the plastic lines with metal line and running them on the outer wall of the EEL.
  - Arranged meeting with Bert Manzlak and George to discuss corrective measures and a means of funding the renovation.



Flammable gas pad and lines.

## Sitnikov, Anatoly:

### **Hall B**

- Finished grouping **CTOF** boron silicon fibers, 180 pcs (D=0.32 mm, L=4.8 m).
- Began preliminary transparency measurement of **CTOF** fibers (D=0.32 mm, L=4.8 m) using Photometer ILT 1400-A.
- Wound four compensation coils for testing compensation magnetic field inside **CTOF** PMT.

## Teachey, Robert Werth:

### **DSG**

- Added power outlets and breaker labels to the AutoCAD drawing of the **Clean Room**.
- Continued coding work on the Voltage Variation Test for the **MPOD Test Stand** ~50% complete.
- Completed first draft of the "PLC Controls for the Hall D LH2 Cryotarget" **note**.