

WEEK 3

SALIM ROUSTOM

GLASS INVESTIGATION

- GLASS WAS SAVED FROM THE ALUMINUM PMT SHIELD
 - MANY EXPERTS SAY THAT IT IS TWO PANES OF GLASS FUSED TOGETHER
- SAMPLES WERE TAKEN AND ARE NOW UNDERGOING XRF AND DISSOLUTION ANALYSIS TO EXAMINE THE MAKEUP OF THE GLASS
 - SAMPLES WERE TAKEN FROM THE TOP AND BOTTOM, AND FROM THE CENTER AND THE EDGE OF THE GLASS
- RESULTS SHOULD BE AVAILABLE MONDAY AFTERNOON

CODING

- I WORKED ON THE FREE VERSION OF THE LOAD CELL SOFTWARE AND I HAVE FIXED IT SO THAT IT COMPILES ON A WINDOWS MACHINE
- I AM CURRENTLY WORKING ON IMPROVING THE SOFTWARE AND IMPLEMENTING A FEW FEATURES THAT WOULD BE USEFUL FOR THOSE THAT USE IT IN THE FUTURE

OUTLOOK

- I WILL START WORKING WITH THE APD, COMPARING ITS SIGNAL OUTPUT TO A PMT OUTPUT AND EVALUATING WHETHER OR NOT IT WOULD BE USEFUL TO USE THEM IN FUTURE DETECTORS