Onsite Report

RIKEN/RBRC
Itaru Nakagawa
on behalf of onsite crews

ROC Status

- Spare ROC testing is ongoing.
- ROC#26 (under repair by Sal)
  - Optcouple chip to be replaced (Column-D)
  - (Column-B) Regulator to be replaced (Steve made an order)
- ROC#11 (Taiwan ROC)
  - FPHX Regulators are expected to be delivered tomorrow. Then Itaru will ask the instrumentation division to replace.
- ROC#18
  - Cheng-Wei & Jaein confirmed all ports are good. Class-1.
  - 1st backup candidate

2W1 Rack

- Turned on the power of 2W1.
- Mai/Maya’s GUI testing
- Wei-Che‘s GUI testing

South LV Test

- * ROC LV
- o Confirmed all output pins of all ROC LV cables are supplyinig expected voltages at the ROC end. This measurement was performred with all channels of all LV distirbutors power on, so no sensitivity to the cable mix-up.
- o ROC-by-ROC test is to be performed once Maya/Mai's LV GUI is confirmed to be functionnig.

- * FPHX LV
- o The measurerment was done with again all channels of all filter boards were on.
- o We found 2 bad cables, they are:
- - INTT-4-A1 chennel 4 reads zero
- - INTT-7-B1 voltages were 0.5~1V lower than the nominal 5.0V for multiple channels. The cable connections were OK.
- (- INTT-7-A2 2 channels were bad, but fixed after fixing swapped cabling between INTT-7-B1. Fixed.)

Plan for tomorrow

- Ivan will fix the filter board
- Maya and Itaru will work on ROC by ROC LV test
- Maya & Wei-Che work on GUI debugging.
- Genki will connect conversion cables to North side before we start pluming detector cooling. -> Needed to energise FPHX chips for the calibration test of each ladders.

Cooling

- North and South cooling water panels may be installed in 1008 tomorrow at the ealiest.
- Readiness for the chiller?
- Detector cooling panel needs to be repaired one of the part which had a crack.
- Portable chiller is sitting in 1008.