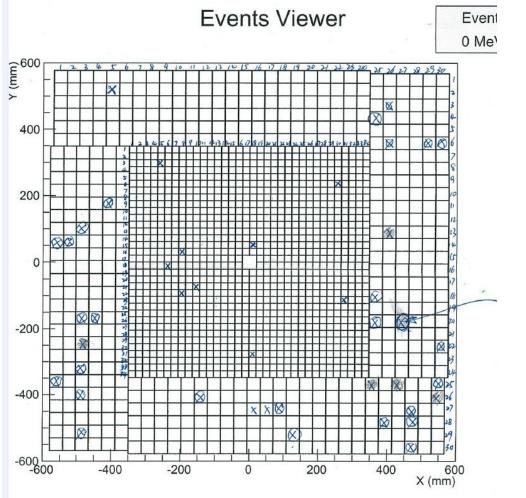
HyCal Status Update

Li Ye , Mehdi , Weizhi Xiong , Kris , Mikhail PRad weekly meeting 07/25/2014

HyCal LMS fiber repair



49 modules has been repaired

- reglue
- replace the fiter
- recut the fiber
- recover

visual inspection of connection parts with PMTs -- 49 are all good

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HyCal LMS fiber repair





zoom in

front view

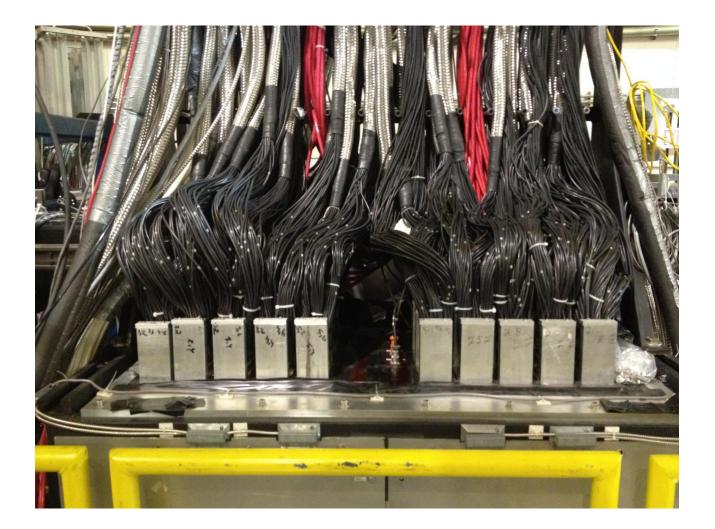


Work of Doug's group

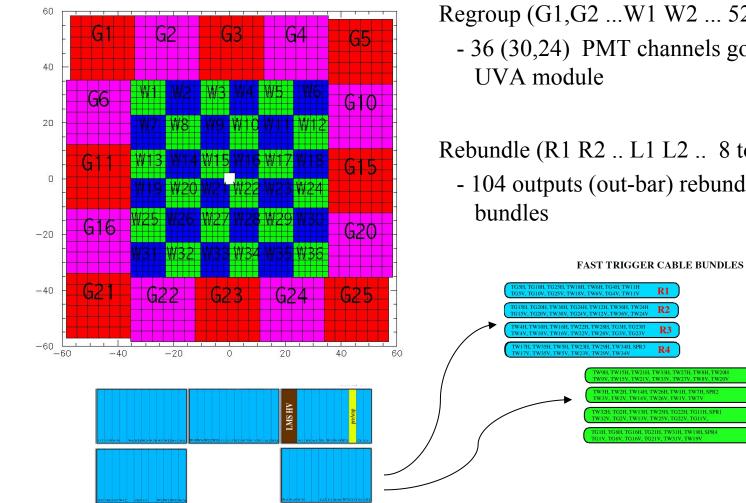
- cooling system has been tested
- frames for holding
 UVA modules and
 crates are added at the
 bottom
- HyCal is installed on transporter

Top of HyCal

All ADC channels and high voltages are connected and double checked.



HyCal Trigger



Regroup (G1,G2 ... W1 W2 ... 52 total) - 36 (30,24) PMT channels go to 1

Rebundle (R1 R2 .. L1 L2 .. 8 total) - 104 outputs (out-bar) rebundle to 8



L1 L2

L3 L4

HyCal Trigger



- 5 crates and 52 UVA modules have been tested, G22 channel 24 is broken.
- Replaced G22 module.
- Repaired some Nim connectors.
- All trigger channels and outputs are well connected and double checked.

Next Move

- 1) temperature sensors are connected and tested.
- 2) start the chiller and cool the HyCal of symbolical 0.5 degree.
- 3) interlock system need to be connected and tested.Will ask Kristor for help.
- 4) after that try to apply the high voltage.