Firmware Tasks Update 30 Jul 2015



Proudly Operated by Battelle Since 1965

- Waveform sorting
 - Channel sorting (carrier level)
 - \rightarrow test version this week
 - Waveform sorting (SCROD level)
 - \rightarrow test version next week

Feature extraction

- Virtual channels for FE testing → done, testing now
- Data format update → done, testing now
- \rightarrow Hand off to UH next week?

- Belle2Link
 - HSLB updated to 127MHz

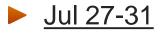
 \rightarrow done

- Firmware updated on FTSW, HSLB → done
- Updating BASF2 DAQ software at PNNL to latest version
 - \rightarrow update this week, test next week
- **Other**
 - SCROD revB2 board stack
 - \rightarrow assembling today
 - SCROD rev B2 humidity sensor → next week

Estimated Timeline(s)



Multi-ASIC readout



- Waveform sorting (carrier)
- Aug 3-Aug 7
 Waveform sorting (SCROD)
 General integration
- Aug 10-Aug 14
 - Multi-ASIC readout testing

Belle2Link

Jul 27-31

- Update of B2L software at PNNL
- Aug 3-Aug 7
 - Additional testing at KEK, PNNL, Pittsburgh
- Aug 10-Aug 14
 - B2L software at KEK
 - Test and debug