



Phase 0 Online Software

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- L1Topo
- CMX
- PPM/CPM/JEM/ROD
- Test rig updates?



L1Topo

- Working week at CERN with Mainz people
 - Progress on hardware configuration (test vectors)
 - IPbus tested at Mainz on Xilinx test board: all OK
 - New topoSim package, so far only test vector generation
- Current status
 - Skeleton topoControl package (HW) waiting to be filled in
 - Few simple test vectors implemented in topoSim
- Next steps
 - Detailed implementation of HW configuration of real board
 - Incorporate offline topo algorithm simulation into online SW



CMX

- Few working days at CERN with MSU people
 - Mainly training new (almost) post doc (Savanna)
 - Framework for timing calibration program
- Current status
 - cmxServices still largely a cmmServices clone
 - Extra registers defined for EM/Tau/Jet thresholds
 - Larger playback/spy memories implemented
 - cmxSim
 - Still mostly just a clone of cmmSim
- Next steps
 - Implementation of HW configuration of real CMX
 - Mods where it differs from CMM
 - Port CPM/JEM threshold code into cmxSim
 - NB needs update of common simulation CP/JEP backplane class!



PPM/CPM/JEM/ROD

- No recent work?
 - Except perhaps on PPM?
- Current status
 - No change from 40 MHz backplane
 - No change to trigger menus in module services or simulation
- Next steps
 - Updates to CPM, JEM, backplane simulation needed soon
 - Updates to data formats and ROD simulation needed soonish



Test Rig Updates?

- MSU test rig going to Michigan "soon"...
- Needs local netboot setup
- Decide whether to move to SLC6+tdaq5 or stay at SLC5+tdaq4
- Time to test SLC6+tdaq5 on CERN test rig?
- NB SLC6+tdaq5 version of L1Calo SW needed for L1Topo
- Timescale for updating other test rigs? (Bham)