



L1Calo LS1 Plans/Requirements

•L1Calo Activities

- Code development for new and upgraded modules
 - VME based modules: CMX, new PPM MCM, mods to CPM/JEM
 - Same style as existing modules
 - ATCA based module: L1Topo
 - Using IPbus SW (from CMS) as basic control SW (roughly equivalent to VME drivers)
 - NB IPbus needs recent version of Boost - version linked with tdaq-04-00-01 is too old
 - Also some code cleanups - but no major changes (still using barriers)
- Combined calibrations with LAr/Tile (using SFI & TTC2LAN)

•Requirements on TDAQ

- Need new TDAQ release with Boost >1.48 for L1Topo tests
 - End of April timetable OK (but not too much later)
- Support for multiple (two?) TDAQ versions concurrently
 - Unlikely that L1Calo, LAr and Tile can all move at the same time
 - Hard to match timetable for calibration tests with TDAQ timescales?
 - Having SLC5 build for tdaq-05-00-00 would ease such transitions