

L1_Cal Int/Comm Team Toolbox

September 5 -September 9, 2005

Mon, Sept. 5	Labor Day Holiday
Tues, Sept. 6	TAB→GAB (Mike/Jaro) Investigating VTM cap options, BC mismatch. Cory's port code works to test SW→global algo.
Alan Cory Hal Jaro	Jorge Lyn Mike TAB→ Cal_Track (Cory/Mike) Awaiting Cal_Track readiness. TRANS_SYS (Alan/Jorge/Foglesong) Investigating bad PP channels. Need a rack installed between TAB/GAB and Cont/Rdout for additional ADF crates. Planning ADF→LVDS pseudo random test.
Wed, Sept. 7	TAB→GAB (Mike/Jaro/Li) Investigating VTM cap options, BC mismatch. TRANS_SYS (Alan/Jorge/Foglesong/Joshua) Repaired 3 bad PP cards.
Chad Cory Hal Jaro Jorge	Li Lyn Mike Sabine Problematic soft gnd in vias and cold solder joints repaired. Contacted vendor. ADF→LVDS pseudo random test on repaired PP cards scheduled today.
Thurs, Sept. 8	TAB→L3 (Mike/Jaro/Li) Investigating VTM cap options: Offered 3 options other than changing cap based on online/offline studies which compare osc. operation to SCL clock operation. BC mismatch: Monitoring
Chad Cory Hal Jaro Li Johnny G.	Lyn Mike Mikolaj Sabine Todd firmware in place. Ran offline without errors. Physics run schedule today. GAB-->L2 (Mike/Mikolaj) New GAB firmware dwnld. Run scheduled. TRANS_SYS (Jorge/Johnny) Repaired PP tester has a problem. Jorge inverstigating. Production awaiting test results. 20 ACT cards arrived. Production awaiting testing. ATC front panel delay until 9.13.
Fri, Sept. 9	ADF→TAB (Mike) Signal tap in place to find BC mismatch. TAB→L2/L3 (Mike/Todd/Nayeem/Mikolaj) Run scheduled. VRB modified to extend initialization time (D0 trig app.)
Cory Hal Johnny Jorge Lyn Mike Mikolaj	Sabine Todd GAB-->L3 (Mike/Todd/Nayeem) Data to tape analyzed. Filling in header info. Investigating algo masks. Simulation/Algo (Sabine/Cory) Comparing sim w/ hardwr. TRANS_SYS (Jorge/Johnny) Found 1/8 PP cards good. Board manufacturing problem. Registration and drill size wrong. Obtaining quotes from alternate vendor. Visually inspecting ATCs. Mounting front panels for testing required to approve production.