

## UDPS Commissioning task list (more or less in order)

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1. Test new GL2T card and firmware (first do no harm)
2. Fabricate GL2T to PreFRED cable
3. Modify PreFRED AUX card (and PreFRED card?)
4. Upgrade FRED card to bring in UDPS signals.  
Must sacrifice two L1 bits (JDL, Kevin, TDWG)
5. Update database for L1 bits. (new global param.?)  
Make test table. Test 1-4 and verify buffer accounting with scalars.
6. Update FredSim and TrigMon (Ke Li)
7. New test table with Sparky and/or BC triggers to mimic high rate B triggers. Study deadtime and L1A behavior.
8. At some point, the Trigger Supervisors will have to be modified as well ... I am assuming no or one (diagnostic) SRC up to this point ...

## UDPS Commissioning task list (continued)

Now the tricky part! As we approach integration into the real system we'll have to work closely with Silicon SPLs and Operations people. Do we need every combination of the following?

- Tests without Silicon

  - with Silicon (1 SRC, 2 SRCs)

  - with real real physics table (but trigger masked?)

  - without beam

  - with beam (end of store)

We should revisit these questions in a couple of weeks.

In the meantime, **manpower** to coordinate and evaluate all these tests needs to be considered. **Volunteers?**