



Control & Monitoring/DAQ: Parallel report

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For DAQ team (Abby Crites, Cosmin Deaconu, John Joseph, Brian Koopman,
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Trade study [done by Cosmin, Brian, Abby]

- Trade study information complete for
 - Simons Observatory OCS
 - CLASS
 - EPICS (very helpful to have 'local' expert in the parallel for this, thanks Ryan!)
- Trade study information will be complete by the end of March:
 - ALMA
 - GCP
 - LSST
- Extracted a promise that John J. + Ryan H. will help us get input for:
 - Commercial

Then: synthesize information, add to requirements from lessons learned during information gathering, gather feedback from all of you for requests/opinions

Goal is for that to inform DAQ review in May, and work going forward

Live data exploration

- Boundaries between DM 'quicklook' and DAQ 'livelook' (boundary discussion ongoing)
 - If (say) plotting HK variable vs det response uses analysis code that could be considered 'pipeline', then this would be in DM's scope.
 - That code must be ready for lab testing (may be non trivial to make efficient due to asynchronous data)
 - Would be some lag (minute? What is acceptable?)
- Please add your data viewing wishes to the trade study document!