First OPS Rehearsal

The LDM-643 Description of LDM-503-09

April 2019?

Precursors

Needed prior to start of the rehearsal:

- Designate personnel
  - Designate coordinator
  - 2-3 from each of ObsOps, SciOps, LDF

- An appropriated dataset
  - currently some raft-scale subset of DC2
  - BOE... for 500 total exposures/night @ 10 MB/s → 8 hrs to transfer to LDF

- Mock DAQ to send data from Summit to LDF

- Long Haul Networks (can only expect 10 MB/s before June 2019)

- Test Instance of Data Backbone Endpoint at LDF

- Test Batch Production and Workflow System

- Precursor pipelines (calibration and ISR)

- Science Platform

Rehearsal Outline

Can shift timing so that normal working hours used while mocking operations:

- (ObsOps): Mock transmit cals to LDF for ingest and processing
- (LDF): Generate nightly calibrations
- (All): Afternoon standup operations meeting
- (SciOps): Select configuration and calibrations
- (ObsOps): Mock transmit nightly science exposures
- (LDF): Run science pipeline
- (LDF): Generate QA/feedback on processing (for next stand-up)
- (SciOps): Examine input/output products from observations
- (SciOps): Generate QA/feedback on processing (for next stand-up)
- (All): Monitor progress of nightly "campaigns" characterize, assess failures, diagnose issues, generate problem backlog
- (All): Create Nightly report
- Repeat (3 times?)

Final standup meeting to assess current status

Where the Precursors Currently Stand

Item	Owner	Status
Designate Personnel	O'Mullane? TCAMS?	TBD
Dataset	Gruendl/Krughoff	DC2 (but details are TBD)
Mock DAQ	O'Mullane?	Exists on Mtn?
Long Haul Networks	Kantor	10 MB/s (until June 2019)
Test Instance DBB	Butler/Gower	Emerging (a la AuxTel) but...
Test Batch Production and Workflow	Butler/Gower/Chiang	Depends on Gen2/3 and on pipeline specification
Precursor Pipelines	???	???
Science Platform	Dubois-Felsmann	As-is OK?