

S19 Architecture Plans

The logo for the Large Synoptic Survey Telescope (LSST). The letters 'LSST' are rendered in a bold, black, sans-serif font. The letter 'S' is filled with a blue-to-white gradient, giving it a three-dimensional, glowing appearance. The letters 'L', 'T', and the second 'S' are solid black with a white outline.

Large Synoptic Survey Telescope

General



No one loaded at more than 100 SP for 6 months; GPDF at 50.

Only includes large tasks >10 SP.

Rest is effectively LOE bucket for emergent and oversight work.

May still be overly ambitious.

Incrementally increasing "management" enforcement of weekly sprints: linking stories to epics, story point estimates, deliverables

Requirements and Design



- (10) Provide DB expertise for interface between Butler Gen3 and DBB
- (10) Allocation for sizing model work
- (30) Finish system-level ICDs (LSE-68, 130/140, 400) and verification plans for them
- (10+20) Represent LSST position and needs to the IVOA, including possible standard changes, and determine how best to utilize and implement their standards in our services
- (40) Define PPDB, image metadata, and DPDD-ified DRP product schemas using Felis
- (10) Define LSP interfaces to DBB/Gen3 (especially SODA, regeneration)

Oversight and Release

- (LOE) Work with teams on A&A implementation
- (20) Solve problems with integration/Commissioning
- (20) LSP review and integration
- (40) Propose a build/packaging process for Science Pipelines
- (20) Close gap between high-level product tree and GitHub repositories
- (20) Produce test plan reports and Verification Control Document; refine automatic test plan/report generation
- (10) Refine document tree
- (20) Experiment with release branches in test Jenkins
- (30) Clean up and review IIP

Investigation and Coding

- (LOE) Help refine Cloud PoC
- (60) Continue Butler Gen3 coding
- (30+10) Allocation for T&S work
- (20) Implement WebDAV service
- (20) Implement user database workspace
- (20) Implement VOSpace

