

# Alert Production Planning

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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*

# Falling Over From S17

- Replace WCS (depends on discussions this week)
- Assess single frame PSF estimation
- Test alert distribution scaling (is lagging because filtering was moved up)
- Assess needs for AP source association
- Construct `validate_ap`
- Jointcal refactoring
- Jointcal validation integration

# Work According To Re-Plan

- Maria – Simple filter and integration of alert distribution with precursor surveys (ZTF)
- Chris – PSF estimation (re-assigned to Krzysztof)
- Meredith – AP pipelines and variability characterization
- Russell – Coordinate transforms maintenance
- Krzysztof – Association (swapped with Chris) and astrometric fitting
- John – Jointcal improvements
- Ian – Production DCR correction
- David – Production diffim algorithm

# Planning Considerations

- Minimum Viable Product → Obvious priority #1
- Obs package homogenization → requires significant coordinated effort from multiple people
- Bring obs packages up to state of the art (scientifically) – Do not do
- WCS → dependent on acceptance
- NDData (astropy integration) → dependent on astropy design
- Push out PSF work → push out production diffim
- Push out variability characterization (not needed immediately)