

Alert Production Planning



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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

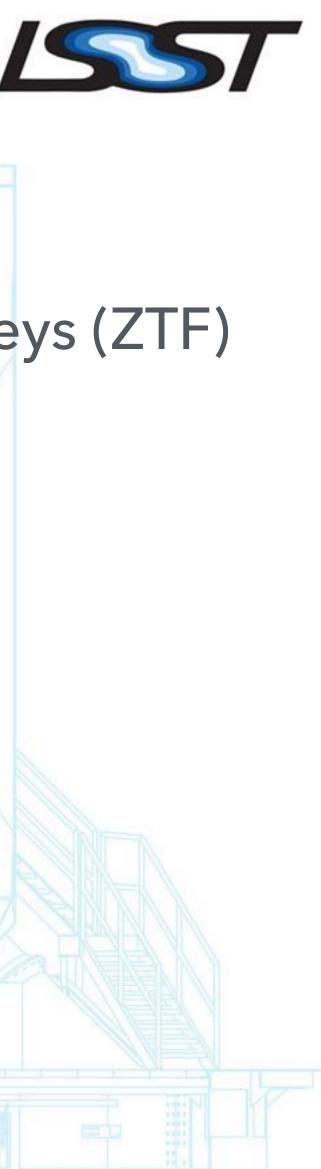






Work According To Re-Plan

- 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



Maria – Simple filter and integration of alert distribution with precursor surveys (ZTF)



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)





