Vera C. Rubin Observatory
Rubin Observatory Operations

The LSST Camera commissioning

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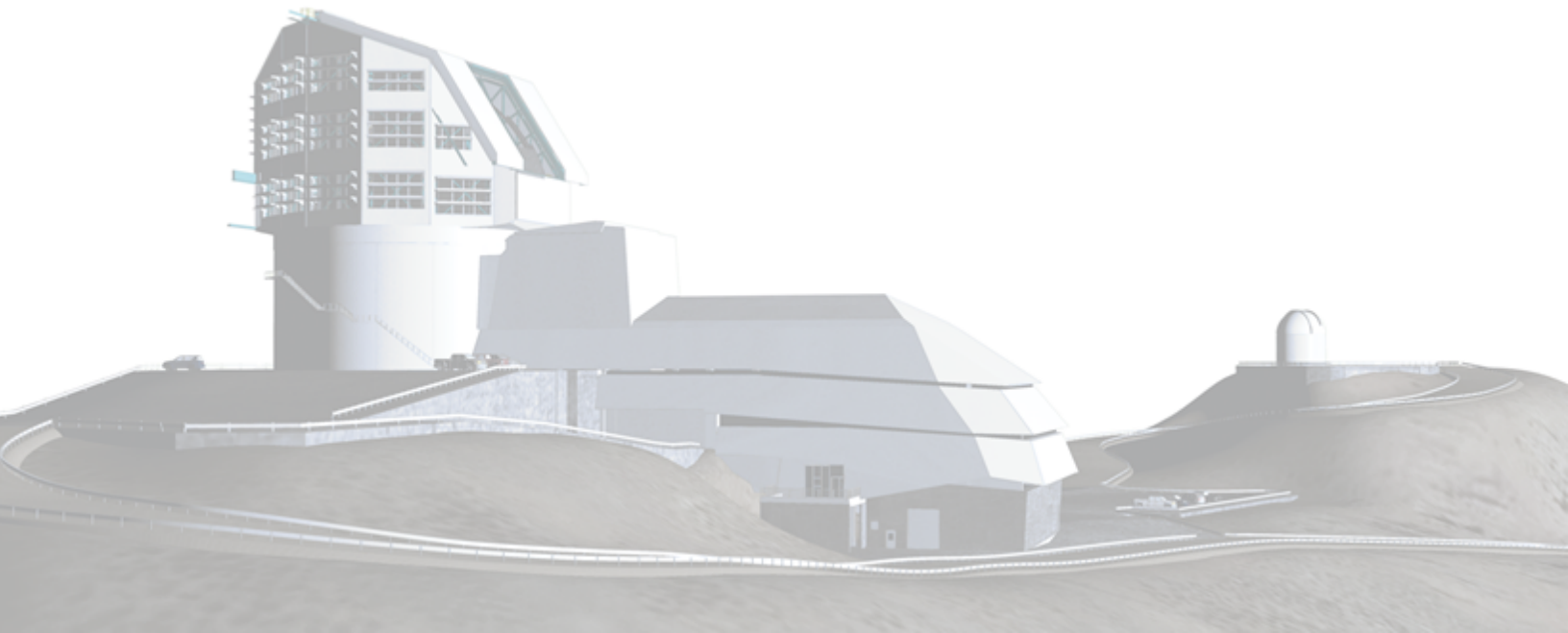
CTN-007

Latest Revision: 2025-10-27

DRAFT



Abstract

This technote describes what we found during the LSST Camera commissioning.

Change Record

Version	Date	Description	Owner name
1	YYYY-MM-DD	Unreleased.	Utsumi

Document source location: `https://github.com/lsst/ctn-007`

Contents

The LSST Camera commissioning

A Introduction

B Findings

- Sequencer change – YU

- Bright star test – SB

- On-sky persistence test – just showing a dark image after a bright star to say no persitence

- Correlated noise – Pierre Astier or Pierre Antilogus

- PTC – Pierre Astier

- R30/S12 and R23/Reb10 – I will try to collect all the information from Slack

- Temp sensitivity issue – we can put some episode and what we have done in this document, maybe Theo can describe a few episode?

- Phosphorescence study with u and g band exposures – SB

- IdleClear re-implementation – SM

- Pinhole repeatability tests – YU

- FCS commissioning performance – Pierre Antilogus, Alexandre etc...

- OCS integration kfanning

C Acknowledgements

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D References

E Acronyms

Acronym	Description
AST	NSF Division of Astronomical Sciences
AURA	Association of Universities for Research in Astronomy
CTN	Camera Technical Note
DE-AC02	Department of Energy contract number prefix
FCS	Filter Changer System
LSST	Legacy Survey of Space and Time (formerly Large Synoptic Survey Telescope)
LSST-DA	LSST Discovery Alliance
OCS	Observatory Control System
PTC	Photon Transfer Curve
SB	Surface Brightness
SLAC	SLAC National Accelerator Laboratory
SM	Sparse Mode