

## Day 262 (9/19/18)

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### Status Summary:

All instruments are green; OCAMS is the only instrument currently on. Ten PolyCam OpNav images were acquired today; OpNav images continue to be acquired Mondays, Wednesdays, and Fridays. REXIS cover-open attempt 1 was successful, so we will forgo attempts 2 and 3. No new alarms or issues. No scheduled activities or downlink tomorrow (DOY 263). MapCam Full Phase Function is scheduled to begin next week (WOY 39) on Thursday 27 September.

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## Day 264 (9/21/18)

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### Status Summary:

Ten PolyCam images for OpNav were collected today; this is the last set to be folded into the OD design for AAM1.

DSN station 65 had an issue yesterday, but it does not appear to affect any data; Andy Calloway (MOM) will provide an explanation. DSS43 was added to the list of red equipment, but no OREX activities are affected at this time.

A spacecraft alarm in which a count is triggered when the OCAMS data sync is interrupted reached its yellow threshold of 5 counts. The count has been incrementing by 1 with each weekly OCAMS reset. MSA will be removing the alarm from this channel, but will add a yellow limit to its associated \_MAX channel in case of extended sync loss.

The REXIS team saw higher event counts during slewing after cover-open activities. The posited cause is stray light from the spacecraft penetrating through pinholes in the OBF. This issue should not affect science observations, but the SPOC will watch it closely to understand the orientations at which REXIS may see stray light. The team is updating the Crab and CXB calibration sequences to reduce the number of nodes taking data. This should reduce the number of hot pixels and reduce data volume. This will continue to be a SPOC watch item.

No science activities are scheduled for the weekend; the next downlink meeting will be Monday. Looking ahead to next week (WOY 39): OpNav images will continue to be collected Monday, Wednesday, and Friday. No scheduled activities Tuesday. Thursday 27 September (DOY 270) is day 1 of the MapCam Full Phase Function observations; those data will be returned Friday 29 September.

