

Day of Year

Day 6 (1/6/20)

Status Summary:

All instruments are nominal; all are powered off except OCAMS. All activities executed nominally over the holiday break. OD208 is onboard. All expected data were received on the ground; there are currently no gaps to report (a large gap just before the holiday break was filled via retransmit). No alarms that are considered causes for concern came up over the break (an OCAMS time update alarm occurred, but this sometimes is seen with the weekly power reset). The mission may experience impacts from the Canberra wildfires, but none have been reported yet.

We mostly recently completed WOY 1, which included OpNavs and ride-along particle imaging. NavCam and MapCam are now both collecting OpNavs on a daily basis.

Looking ahead: This week, we will run the same OpNav/particle monitoring ATF daily. For the next few days, we have ~4-hour passes at the 600k rate and expect to continue to empty the partitions daily. We will kick off WOY 10 at the SOPG meeting tomorrow.

Going forward, downlink tag-ups will be held on Mondays and Wednesdays only, except during high-science periods (Recon B sorties), when they will take place daily.

Day 8 (1/8/20)

Status Summary:

OCAMS is powered on. All instruments are nominal, and spacecraft subsystems are now also confirmed to have been nominal over the holiday break. There have been no impacts to OREX from DSN red-status equipment.

We continue to collect 9 NavCam OpNavs, 9 coincident MapCam OpNavs, and 18 ride-along particle monitoring images per day. All expected data are down. We expect to empty the partitions daily for the next few days.

Looking ahead: Next week will be largely similar to this one, with the addition of preheating PolyCam in preparation for the Nightingale medium sortie taking place the week after next. The Science Weekly meeting will resume on Thursday (9 January). Reminder: downlink tag-ups are now only on Mondays and Wednesdays, except during high-science periods such as the upcoming Nightingale medium sortie, when they will take place daily.