

Sample Collection Mission Phase Weekly Summary

At this time (11/17/2020) there is no consolidated Sample Collection Mission Phase Narrative. The Phase Plan Narrative will be assembled in the future. A summary of activities performed each week is presented below:

2020 Week 14: 3/30/2020 (DOY 90) T13:30:00 – 4/6/2020 (DOY 97) T13:30:00

Science Activities:

- NavCam1 images for particle monitoring every 20 minutes for 7 hours per day
- OpNavs: NavCam and OCAMS OpNavs every 2 hours throughout the week

2020 Week 15: 4/6/2020 (DOY 97) T13:30:00 – 4/13/2020 (DOY 104) T13:10:00

Science Activities:

- NavCam1 images for particle monitoring every 20 minutes for 7 hours per day
- OpNavs: NavCam and OCAMS OpNavs every 2 hours throughout the week

2020 Week 16: 4/13/2020 (DOY 104) T13:10:00 – 4/20/2020 (DOY 111) T13:30:00

Activities:

- Checkpoint Rehearsal
- Sample Mass Measurement Rehearsal
- OpNavs: NavCam and OCAMS OpNavs throughout the week

2020 Week 17: 4/20/2020 (DOY 111) T13:30:00 – 4/27/2020 (DOY 118) T13:30:00

Activities:

- Post-CP Reboot/Recovery
- TR1R2 Burn to initiate Orb Insertion
- OpNavs: NavCam and OCAMS OpNavs (scheduled around spacecraft activities)

2020 Week 18: 4/27/2020 (DOY 118) T13:30:00 – 5/4/2020 (DOY 125) T13:30:00

Science Activities:

- NavCam images for particle monitoring after orbit insertion

Other Activities:

- TR1R3 target insertion point
- TR1R4 orbit insertion
- OpNavs: NavCam and OCAMS OpNavs

2020 Week 19: 5/4/2020 (DOY 125) T13:30:00 – 5/11/20 (DOY 132) T 13:30:00

Science Activities:

- NavCam1 images for particle monitoring
- OpNavs: NavCam OpNavs

2020 Week 20: 5/11/20 (DOY 132) T13:30:00 – 5/18/20 (DOY 139) T13:30:00 UTC

Science Activities:

- NavCam1 images for particle monitoring
- OpNavs: NavCam and MapCam OpNavs