

TOTAL

64213 Note: the Ops Team defines a day as 13:30 - 13:30 UTC; OCAMS defines it as 00 - 23:59:59.999.

Epoch	YR	WOY	DOY	Date and Time (approx.)	# Images	Description
Launch + 14 day Checkout	2016	38	263	2016 09 19 21:08:00.000	150	Health Check: Darks, Lamps, Star Images
MapCam Long Exposure Platform Stability Test	2016	40	278	2016 10 04 15:14:00.000	6	Platform Stability Test: Darks and Star Images
DOY 40 Earth-Trojan Asteroid Search (ETAS) Day 1	2017	6	40	2017 02 09 05:20:00.000	163	Earth Trojan Asteroid Search (ETAS) and Optical Navigation Test: Darks and Star Images
DOY 41 ETAS Day 2	2017	6	41	2017 02 10 05:20:00.000	163	ETAS and OpNav Test: Darks and Star Images
DOY 42 ETAS Day 3	2017	6	42	2017 02 11 05:20:00.000	163	ETAS and OpNav Test: Darks and Star Images
DOY 43 ETAS Day 4	2017	6	43	2017 02 12 06:06:00.000	163	ETAS and OpNav Test: Darks and Star Images
DOY 44 ETAS Day 5	2017	7	44	2017 02 13 07:20:00.000	163	ETAS and OpNav Test: Darks and Star Images
DOY 45 ETAS Day 6	2017	7	45	2017 02 14 06:13:00.000	163	ETAS and OpNav Test: Darks and Star Images
DOY 48 ETAS Day 7	2017	7	48	2017 02 17 04:44:00.000	162	ETAS and OpNav Test: Darks and Star Images
DOY 49 ETAS Day 8	2017	7	49	2017 02 18 04:24:00.000	145	ETAS: Darks and Star Images
DOY 50 ETAS Day 9	2017	7	50	2017 02 19 04:44:00.000	145	ETAS: Darks and Star Images
DOY 51 ETAS Day 10	2017	8	51	2017 02 20 06:02:00.000	145	ETAS: Darks and Star Images
Launch+6mo Checkout and Calibration Day 1: Checkout	2017	11	73	2017 03 14 22:17:00.000	82	Health Check: Darks, Lamps, Star Images
Launch+6mo Checkout and Calibration Day 2: Calibration	2017	11	75	2017 03 16 16:03:00.807	204	Calibration Lamp Positioning Test, Darks, Charge Transfer Efficiency Test: Darks, Lamps
Launch + 6 mo. Extended Calibration Day 1a, b, c	2017	14	93	2017 04 03 01:01:03.494	210	MapCam Responsivity and Distortion Calibrations, Cold: Darks and Star Images
Launch + 6 mo. Extended Calibration Day 2a, b, c, d, e	2017	14	94	2017 04 04 14:11:00.000	125	PolyCam and SamCam Distortion Calibrations, Cold: Darks and Star Images
Launch + 6 mo. Extended Calibration Day 3a, b	2017	14	95	2017 04 05 01:07:20.728	66	PolyCam and SamCam Responsivity, Cold: Darks and Star Images
Launch + 6 mo. Extended Calibration Day 4a, b	2017	14	96	2017 04 06 01:05:10.273	130	MapCam Responsivity and Distortion Calibrations, Hot: Darks and Star Images
Launch + 6 mo. Extended Calibration Day 5a, b, c, d	2017	14	97	2017 04 07 01:00:00.000	154	PolyCam and SamCam Responsivity and Distortion Calibrations, Hot: Darks and Star Images
Launch + 10 mo. Checkout and Calibration	2017	31	213	2017 08 01 00:00:00.000	452	Health Check, Dark, Cal Lamp, Random Telegraph Signal, and CTE cal: Darks, Lamps, Star Images
Earth Gravity + 1 day Observations	2017	38	266	2017 09 23 00:02:39.000	138	Responsivity Calibrations: Darks, Earth Images
Earth Gravity + 3 day Observations	2017	39	268	2017 09 25 00:02:39.000	218	Responsivity Calibrations: Darks, Moon Images
Earth Gravity + 6 day Observations	2017	39	271	2017 09 28 00:15:39.000	186	Responsivity Calibrations: Darks, Earth Images
Earth Gravity + 10 day Observations; Stray Light Part 1	2017	40	275	2017 10 02 00:00:00.000	100	Responsivity and Stray Light (Plume Search) Calibrations: Darks, Earth and Moon, Star Images
Stray Light Part 2	2018	3	17	2018 01 17 00:00:00.000	265	Stray Light Calibrations (Orbital B and TAG): Darks and Star Images
Launch + 18 mo. Checkout and Calibration	2018	11	71	2018 03 12 00:00:00.000	452	Health Check, Dark, Cal Lamp, Random Telegraph Signal, and CTE cal: Darks, Lamps, Star Images
Launch + 18 mo. Extended Calibration Day 1	2018	11	75	2018 03 16 00:00:00.000	582	MapCam Aliasing, MapCam/PolyCam Solar Analog (Cold)
Launch + 18 mo. Extended Calibration Day 2	2018	11	76	2018 03 17 00:00:00.000	300	SamCam and PolyCam Distortion, PolyCam Linearity (Cold)
Launch + 18 mo. Extended Calibration Day 3	2018	11	77	2018 03 18 00:00:00.000	368	MapCam Distortion, Stray Light Calibration at Plume Orientation (Cold)
Launch + 18 mo. Extended Calibration Day 4	2018	12	82	2018 03 23 00:00:00.000	582	MapCam Aliasing, MapCam/PolyCam/SamCam Solar Analog (Hot)
Launch + 18 mo. Extended Calibration Day 5	2018	12	83	2018 03 24 00:00:00.000	73	SamCam and PolyCam Distortion (Hot)
LUT Upload and Check	2018	28	192	2018 07 11 10:00:00.000	74	Look-Up Tables used for compression
Launch + 22 mo. Checkout and Calibration Day 1	2018	29	197	2018 07 16 07:00:00.000	75	Health Check, Dark, Cal Lamp and CTE cal: Darks, Lamps, Star Images
Launch + 22 mo. Checkout and Calibration Day 2	2018	29	198	2018 07 17 10:00:00.000	76	Random Telegraph Signal cal: Darks
MapCam Color Aliasing, Solar Analog Extended Cal	2018	29	200	2018 07 19 10:00:00.000	77	MapCam Color Aliasing Cal; PolyCam, MapCam & SamCam Solar Analog Cal
Extended Benu First Look, OpNav (PolyCam)	2018	33	229	2018 08 17 06:00:00.000	78	Approach Phase Begins with Benu Acquisition by Extended First Look PolyCam Images
OpNav (PolyCam)	2018	34	232	2018 08 20 07:30:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	34	234	2018 08 22 07:30:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	34	236	2018 08 24 09:15:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	35	239	2018 08 27 04:45:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	35	241	2018 08 29 10:15:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	35	243	2018 08 31 07:30:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	36	246	2018 09 03 07:15:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	36	248	2018 09 05 08:45:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	36	250	2018 09 07 07:10:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	37	253	2018 09 10 07:30:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
Benu Dust Plume Search; OpNav (PolyCam)	2018	37	254	2018 09 11 06:00:00.000	93	Dust Plume Search and Continued Optical Navigation Imaging of Benu with PolyCam
Benu Dust Plume Search (MapCam); OpNav (PolyCam)	2018	37	255	2018 09 12 06:00:00.000	103	Dust Plume Search with MapCam and Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	37	257	2018 09 14 08:00:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	38	260	2018 09 16 10:30:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	38	262	2018 09 19 06:00:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	38	264	2018 09 21 07:30:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	39	267	2018 09 24 07:30:00.000	10	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	39	269	2018 09 26 07:30:00.000	18	Continued Optical Navigation Imaging of Benu with PolyCam
Phase Function Part 1 (MapCam)	2018	39	270	2018 09 27 06:30:00.000	735	Observation of Benu Phase Function Part 1 with MapCam
OpNav (PolyCam)	2018	39	271	2018 09 28 07:30:00.000	18	Continued Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam)	2018	39	274	2018 10 01 07:15:00.000	18	Daily Optical Navigation Imaging of Benu with PolyCam
OpNav (PolyCam); DPF (MapCam)	2018	40	275	2018 10 02 07:30:00.000	37	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	40	276	2018 10 03 07:30:00.000	37	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	40	277	2018 10 04 08:20:00.000	37	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	40	278	2018 10 05 07:20:00.000	37	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)

OpNav (PolyCam); DPF (MapCam)	2018	40	279	2018 10 06 07:30:00.000	37	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	40	280	2018 10 07 07:30:00.000	37	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	40	281	2018 10 08 07:30:00.000	37	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	41	282	2018 10 09 09:30:00.000	41	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	41	283	2018 10 10 09:30:00.000	41	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); Light Curve (MapCam)	2018	41	284	2018 10 11 03:11:00	753	Daily Optical Navigation Imaging of Bennu with PolyCam; Light Curve with MapCam
OpNav (PolyCam); Light Curve (MapCam)	2018	41	285	2018 10 12 03:11:00	723	Daily Optical Navigation Imaging of Bennu with PolyCam; Light Curve with MapCam
OpNav (PolyCam); DPF (MapCam)	2018	41	286	2018 10 13 09:00:00.000	64	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	41	287	2018 10 14 09:00:00.000	64	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	41	288	2018 10 15 09:00:00.000	102	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	42	289	2018 10 16 03:11:00	773	Daily Optical Navigation Imaging of Bennu with MapCam; MapCam Full Phase Function Part 2
OpNav (PolyCam); DPF (MapCam)	2018	42	290	2018 10 17 11:00:00.000	87	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	42	291	2018 10 18 11:00:00.000	87	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	42	292	2018 10 19 09:00:00.000	87	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	42	293	2018 10 20 09:00:00.000	87	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	42	294	2018 10 21 09:30:00.000	87	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	42	295	2018 10 22 09:15:00.000	87	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav, NSS (PolyCam); DPF (MapCam)	2018	43	296	2018 10 23 04:10:30	660	Daily OpNav Imaging of Bennu with PolyCam; PolyCam Natural Satellite Search; MapCam DPF
OpNav, NSS (PolyCam); DPF (MapCam)	2018	43	297	2018 10 24 04:10:30	660	Daily OpNav Imaging of Bennu with PolyCam; PolyCam Natural Satellite Search; MapCam DPF
OpNav, NSS (PolyCam); DPF (MapCam)	2018	43	298	2018 10 25 04:10:30	660	Daily OpNav Imaging of Bennu with PolyCam; PolyCam Natural Satellite Search; MapCam DPF
OpNav, NSS (PolyCam); NSS, DPF (MapCam)	2018	43	299	2018 10 26 04:10:30	660	PolyCam Daily OpNav; MapCam Daily Phase Function; PolyCam & MapCam Natural Satellite Search
OpNav & NSS (PolyCam); DPF (MapCam)	2018	43	300	2018 10 27 04:10:30	678	PolyCam Daily OpNav & Natural Satellite Search; MapCam Daily Phase Function
OpNav & NSS (PolyCam); DPF (MapCam)	2018	43	301	2018 10 28 04:10:30	678	PolyCam Daily OpNav & Natural Satellite Search; MapCam Daily Phase Function
OpNav (PolyCam); DPF (MapCam)	2018	43	302	2018 10 29 10:30	90	PolyCam Daily OpNav; MapCam Daily Phase Function
OpNav & NSS (PolyCam); Phase Function & NSS (MapCam)	2018	44	303	2018 10 30 04:10:30	506	PolyCam Daily OpNav; MapCam Daily Phase Function; PolyCam & MapCam Natural Satellite Search
OpNav & NSS (PolyCam); Phase Function & NSS (MapCam)	2018	44	304	2018 10 31 04:10:30	506	PolyCam Daily OpNav; MapCam Daily Phase Function; PolyCam & MapCam Natural Satellite Search
OpNav, SRA (PolyCam); DPF (MapCam)	2018	44	305	2018 11 01 10:05	87	PolyCam Daily OpNav and Spectrometer Ride-Along (SRA); MapCam Daily Phase Function (DPF)
OpNav, SRA (PolyCam); DPF (MapCam)	2018	44	306	2018 11 02 04:10:30	204	PolyCam Daily OpNav and Spectrometer Ride-Along (SRA); MapCam Daily Phase Function (DPF)
OpNav, SRA (PolyCam); DPF (MapCam)	2018	44	307	2018 11 03 04:10:30	204	PolyCam Daily OpNav and Spectrometer Ride-Along (SRA); MapCam Daily Phase Function (DPF)
OpNav, SRA (PolyCam); DPF (MapCam)	2018	44	308	2018 11 04 10:10	87	PolyCam Daily OpNav and Spectrometer Ride-Along (SRA); MapCam Daily Phase Function (DPF)
OpNav, SRA (PolyCam); DPF (MapCam)	2018	44	309	2018 11 05 04:10:30	134	PolyCam Daily OpNav and Spectrometer Ride-Along (SRA); MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	45	310	2018 11 06 10:10	68	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	45	311	2018 11 07 10:10	68	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav (PolyCam); DPF (MapCam)	2018	45	312	2018 11 08 04:10:30	115	PolyCam Daily OpNav; MapCam Daily Phase Function (DPF)
OpNav, SRA (PolyCam); DPF (MapCam)	2018	45	313	2018 11 09 04:10:30	115	PolyCam Daily OpNav and Spectrometer Ride-Along (SRA); MapCam Daily Phase Function (DPF)
OpNav, NSS (PolyCam); NSS (MapCam)	2018	45	314	2018 11 10 04:10:30	419	PolyCam Daily OpNav and PolyCam and MapCam Natural Satellite Search (NSS)
OpNav, NSS (PolyCam); NSS (MapCam)	2018	45	315	2018 11 11 04:10:30	419	PolyCam Daily OpNav and PolyCam and MapCam Natural Satellite Search (NSS)
OpNav, ESM (PolyCam)	2018	45	316	2018 11 12 04:10:30	206	PolyCam Daily OpNav and Early Shape Model Imaging (ESM)
OpNav (MapCam), ESM (PolyCam)	2018	46	317	2018 11 13 04:10:30	224	PolyCam Early Shape Model Imaging (ESM) and MapCam OpNav
OpNav (MapCam), TAGSAM Arm (SamCam)	2018	46	318	2018 11 14 10:16:30	225	SamCam TAGSAM Arm Imaging and MapCam OpNav
OpNav (MapCam)	2018	46	319	2018 11 15 10:10	36	MapCam OpNav
OpNav (MapCam) and SM (PolyCam)	2018	46	320	2018 11 16 04:10:30	224	MapCam OpNav and PolyCam Shape Model Imaging (SM)
OpNav (MapCam)	2018	46	321	2018 11 17 10:10	36	MapCam OpNav
OpNav (MapCam)	2018	46	322	2018 11 18 10:10	36	MapCam OpNav
OpNav (MapCam) and SM (PolyCam)	2018	46	323	2018 11 19 04:10:30	224	MapCam OpNav and PolyCam Shape Model Imaging (SM)
OpNav (MapCam)	2018	47	324	2018 11 20 10:10	36	MapCam OpNav
OpNav (MapCam)	2018	47	325	2018 11 21 10:10	36	MapCam OpNav
OpNav (MapCam) and SM (PolyCam)	2018	47	326	2018 11 22 04:10:30	224	MapCam OpNav and PolyCam Shape Model Imaging (SM)
OpNav (MapCam)	2018	47	327	2018 11 23 10:10	36	MapCam OpNav
OpNav (MapCam)	2018	47	328	2018 11 24 10:10	36	MapCam OpNav
OpNav (MapCam) and SM (PolyCam)	2018	47	329	2018 11 25 04:10:30	224	MapCam OpNav and PolyCam Shape Model Imaging (SM)
OpNav (MapCam)	2018	47	330	2018 11 26 10:10	36	MapCam OpNav
OpNav (MapCam) and SM (PolyCam)	2018	48	331	2018 11 27 04:10:30	344	MapCam OpNav and PolyCam Late Shape Model Imaging (LSM)
OpNav (MapCam) and SM (PolyCam)	2018	48	332	2018 11 28 04:10:30	450	MapCam OpNav and PolyCam Late Shape Model Imaging (LSM)
OpNav (MapCam)	2018	48	333	2018 11 29 10:10	36	MapCam OpNav
OpNav (MapCam)	2018	48	334	2018 11 30 10:10	36	MapCam OpNav
OpNav (MapCam) and SM (PolyCam)	2018	48	335	2018 12 01 04:10:30	649	MapCam OpNav and PolyCam Late Shape Model Imaging (LSM)
OpNav (MapCam) and SM (PolyCam)	2018	48	336	2018 12 02 04:10:30	537	MapCam OpNav and PolyCam Late Shape Model Imaging (LSM)
OpNav (MapCam)	2018	48	337	2018 12 03 10:10	36	MapCam OpNav
NP1 (MapCam)	2018	49	338	2018 12 04 04:24:00	702	MapCam North Pole Pass 1 (NP1): Distant Inbound and Close Outbound Shape Model Imaging (LUT 4)
NP1 (MapCam)	2018	49	339	2018 12 05 00:05:30	401	MapCam North Pole Pass 1 (NP1): Distant Outbound Shape Model Imaging (LUT 4)
NP3 (MapCam)	2018	49	342	2018 12 08 02:24	521	MapCam North Pole Pass 2 (NP2): Distant Inbound and Close Outbound Shape Model Imaging
NP3 (MapCam)	2018	49	343	2018 12 09 00:08	283	MapCam North Pole Pass 2 (NP2): Distant Outbound Shape Model Imaging
NP->EP (MapCam)	2018	50	345	2018 12 11 00:11	72	MapCam Transition to Equatorial: Distant Transitional Imaging (Shape Model and Phase Function)

EP (MapCam)	2018	50	346	2018 12 12 00-09:00	207	MapCam Equatorial Pass (EP): Distant Inbound (Shape Model and Phase Function)
EP (MapCam)	2018	50	347	2018 12 13 00-22:30	243	Mapcam Equatorial Pass (EP) and Transition to South Pole: Distant Outbound (Sh Model and Ph Func)
EP-->SP (MapCam)	2018	50	348	2018 12 14 00-23:00	72	MapCam Transition to South Pole: Distant Transitional (Shape Model and Phase Function)
EP-->SP (MapCam)	2018	50	349	2018 12 15 00-11:00	72	MapCam Transition to South Pole: Distant Transitional (Shape Model and Phase Function)
SP (MapCam)	2018	50	350	2018 12 16 00-24:00	440	MapCam South Pole Pass (SP): Distant Inbound and Close Outbound
SP (MapCam)	2018	51	351	2018 12 17 00-09:00	178	MapCam South Pole Pass (SP): Distant Outbound
MIPC (MapCam)	2019	8	49	2019 02 18 19-24:00	34	MapCam Imaging for Particle Contingency
MIPC (MapCam)	2019	8	50	2019 02 19 00-24:00	110	MapCam Imaging for Particle Contingency
MIPC (MapCam)	2019	8	51	2019 02 20 00-24:00	110	MapCam Imaging for Particle Contingency
MIPC (MapCam)	2019	8	52	2019 02 21 00-24:00	110	MapCam Imaging for Particle Contingency
BDDO1, 2 (PolyCam, MapCam)	2019	8	53	2019 02 22 00-24:00	180	MapCam Imaging for Particle Contingency; Baseball Diamond Orbital Imaging 1,2: PolyCam & MapCam High Phase Angle
BDDO1, 2 (PolyCam, MapCam)	2019	8	54	2019 02 23 00-24:00	360	Baseball Diamond Orbital Imaging 1,2: PolyCam & MapCam High Phase Angle
BDDO1, 2 (PolyCam, MapCam)	2019	8	55	2019 02 24 00-24:00	360	Baseball Diamond Orbital Imaging 1,2: PolyCam & MapCam High Phase Angle
BDDO1, 2 (PolyCam, MapCam)	2019	9	56	2019 02 25 00-24:00	360	Baseball Diamond Orbital Imaging 1,2: PolyCam & MapCam High Phase Angle
BDDO1, 2 (PolyCam, MapCam)	2019	9	57	2019 02 26 00-24:00	360	Baseball Diamond Orbital Imaging 1,2: PolyCam & MapCam High Phase Angle
BDDO1, 2 (PolyCam, MapCam)	2019	9	58	2019 02 27 00-24:00	360	Baseball Diamond Orbital Imaging 1,2: PolyCam & MapCam High Phase Angle
BDDO1, 2 (PolyCam, MapCam)	2019	9	59	2019 02 28 00-13:00	256	Baseball Diamond Orbital Imaging 1,2: PolyCam & MapCam High Phase Angle
ON (MapCam)	2019	9	62	2019 03 03 13-24:00	2	OpNav: MapCam
ON (MapCam)	2019	10	63	2019 03 04 00-24:00	9	OpNav: MapCam
ON (MapCam)	2019	10	64	2019 03 05 00-24:00	9	OpNav: MapCam
ON (MapCam)	2019	10	65	2019 03 06 00-24:00	7	OpNav: MapCam
BDDFB1 (PolyCam); ON (MapCam)	2019	10	66	2019 03 07 00-24:00	1018	Baseball Diamond Flyby 1: PolyCam Low Phase Angle; OpNav: MapCam
ON (MapCam)	2019	10	67	2019 03 08 00-24:00	9	OpNav: MapCam
ON (MapCam)	2019	10	68	2019 03 09 00-24:00	8	OpNav: MapCam
ON (MapCam)	2019	10	69	2019 03 10 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	11	70	2019 03 11 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	11	71	2019 03 12 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	11	72	2019 03 13 00-23:00	9	OpNav: MapCam
BDDFB2 (MapCam); ON (MapCam)	2019	11	73	2019 03 14 00-23:00	553	Baseball Diamond Flyby 2: MapCam Low Phase Angle; OpNav: MapCam
ON (MapCam)	2019	11	74	2019 03 15 00-24:00	10	OpNav: MapCam
ON (MapCam)	2019	11	75	2019 03 16 00-24:00	6	OpNav: MapCam
ON (MapCam)	2019	11	76	2019 03 17 00-23:00	5	OpNav: MapCam
ON (MapCam)	2019	12	77	2019 03 18 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	12	78	2019 03 19 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	12	79	2019 03 20 00-23:00	9	OpNav: MapCam
BDDFB3 (PolyCam); ON (MapCam)	2019	12	80	2019 03 21 00-23:00	1394	Baseball Diamond Flyby 3: PolyCam Medium Phase Angle; OpNav: MapCam
ON (MapCam)	2019	12	81	2019 03 22 00-24:00	10	OpNav: MapCam
ON (MapCam)	2019	12	82	2019 03 23 00-24:00	6	OpNav: MapCam
ON (MapCam)	2019	12	83	2019 03 24 00-23:00	5	OpNav: MapCam
ON (MapCam)	2019	13	84	2019 03 25 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	13	85	2019 03 26 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	13	86	2019 03 27 00-23:00	9	OpNav: MapCam
BDDFB4a (PolyCam); ON (MapCam)	2019	13	87	2019 03 28 00-23:00	1005	Baseball Diamond Flyby 4a: PolyCam Medium High Phase Angle; OpNav: MapCam
BDDFB4b (PolyCam); ON (MapCam)	2019	13	88	2019 03 29 00-23:00	1066	Baseball Diamond Flyby 4b: PolyCam Medium High Phase Angle; OpNav: MapCam
ON (MapCam)	2019	13	89	2019 03 30 00-23:00	8	OpNav: MapCam
ON (MapCam); PTF	2019	13	90	2019 03 31 00-23:00	23	OpNav: MapCam; PolyCam Through-Focus (PTF)
ON (MapCam)	2019	14	91	2019 04 01 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	14	92	2019 04 02 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	14	93	2019 04 03 00-23:00	9	OpNav: MapCam
BDDFB5a (PolyCam); ON (MapCam)	2019	14	94	2019 04 04 00-23:00	856	Baseball Diamond Flyby 5a: PolyCam Medium Low Phase Angle N & S; OpNav: MapCam
BDDFB5b (PolyCam); ON (MapCam)	2019	14	95	2019 04 05 00-23:00	1116	Baseball Diamond Flyby 5b: PolyCam Medium Low Phase Angle N & S; OpNav: MapCam
ON (MapCam)	2019	14	96	2019 04 06 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	14	97	2019 04 07 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	15	98	2019 04 08 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	15	99	2019 04 09 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	15	100	2019 04 10 00-23:00	9	OpNav: MapCam
BDDFB6a (PolyCam); ON (MapCam)	2019	15	101	2019 04 11 00-23:00	860	Baseball Diamond Flyby 6a: PolyCam Medium Phase Angle N & S; OpNav: MapCam
BDDFB6b (PolyCam); ON (MapCam)	2019	15	102	2019 04 12 00-23:00	1177	Baseball Diamond Flyby 6b: PolyCam Medium Phase Angle N & S; OpNav: MapCam
ON (MapCam)	2019	15	103	2019 04 13 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	15	104	2019 04 14 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	14	97	2019 04 07 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	15	98	2019 04 08 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	15	99	2019 04 09 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	15	100	2019 04 10 00-23:00	9	OpNav: MapCam

BBDFB6a (PolyCam); ON (MapCam)	2019	15	101	2019 04 11 00-23:00	856	Baseball Diamond Flyby 6a: PolyCam Medium Low Phase Angle N & S; OpNav: MapCam
BBDFB6b (PolyCam); ON (MapCam)	2019	15	102	2019 04 12 00-23:00	1173	Baseball Diamond Flyby 6b: PolyCam Medium Low Phase Angle N & S; OpNav: MapCam
ON (MapCam)	2019	15	103	2019 04 13 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	15	104	2019 04 14 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	16	105	2019 04 15 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	16	106	2019 04 16 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	16	107	2019 04 17 00-23:00	9	OpNav: MapCam
BBDFB7a (MapCam); ON (MapCam)	2019	16	108	2019 04 18 00-23:00	433	Baseball Diamond Flyby 7a: MapCam Medium Low Phase Angle N & S; OpNav: MapCam
BBDFB7b (MapCam); ON (MapCam)	2019	16	109	2019 04 19 00-23:00	433	Baseball Diamond Flyby 7b: MapCam Medium Low Phase Angle N & S; OpNav: MapCam
ON (MapCam)	2019	16	110	2019 04 20 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	16	111	2019 04 21 00-23:00	5	OpNav: MapCam
ON (MapCam)	2019	17	112	2019 04 22 00-23:00	7	OpNav: MapCam
ON (MapCam)	2019	17	113	2019 04 23 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	17	114	2019 04 24 00-23:00	9	OpNav: MapCam
EQS 3pm	2019	17	115	2019 04 25 00-23:00	759	Equatorial Survey 3 pm: MapCam 45-deg station; OpNav: MapCam
ON (MapCam)	2019	17	116	2019 04 26 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	17	117	2019 04 27 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	17	118	2019 04 28 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	18	119	2019 04 29 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	18	120	2019 04 30 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	18	121	2019 05 01 00-23:00	9	OpNav: MapCam
EQS 3:20 am A: Ride-along	2019	18	122	2019 05 02 00-23:00	536	Equatorial Survey 3:20 am: MapCam 135-deg station ride-along; OpNav: MapCam A
EQS 3:20 am B: Dust Plume Search	2019	18	123	2019 05 03 00-23:00	697	Equatorial Survey 3:20 am: MapCam 135-deg station Dust Plume Search; OpNav: MapCam B
ON (MapCam)	2019	18	124	2019 05 04 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	18	125	2019 05 05 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	19	126	2019 05 06 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	19	127	2019 05 07 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	19	128	2019 05 08 00-23:00	9	OpNav: MapCam
EQS 12:30 am A: Low-Phase Angle	2019	19	129	2019 05 09 00-23:00	779	Equatorial Survey 12:30 am: MapCam Low-Phase Angle A; OpNav: MapCam
ON (MapCam)	2019	19	130	2019 05 10 00-23:00	10	OpNav: MapCam
EQS 12:30 am B: Low-Phase Angle	2019	19	131	2019 05 11 00-23:00	123	Equatorial Survey 12:30 am: MapCam Low-Phase Angle B; OpNav: MapCam
ON (MapCam)	2019	19	132	2019 05 12 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	20	133	2019 05 13 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	20	134	2019 05 14 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	20	135	2019 05 15 00-23:00	9	OpNav: MapCam
EQS 12:30 am A: Low-Phase Angle	2019	20	136	2019 05 16 00-23:00	765	Equatorial Survey 10:00 am: MapCam Medium-Phase Angle; OpNav: MapCam
ON (MapCam)	2019	20	137	2019 05 17 00-23:00	7	OpNav: MapCam
EQS 12:30 am B: Low-Phase Angle	2019	20	138	2019 05 18 00-23:00	8	Equatorial Survey 12:30 am: MapCam Low-Phase Angle B; OpNav: MapCam
ON (MapCam)	2019	20	139	2019 05 19 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	21	140	2019 05 20 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	21	141	2019 05 21 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	21	142	2019 05 22 00-23:00	9	OpNav: MapCam
EQS 6 am High-Phase Angle	2019	21	143	2019 05 23 00-23:00	935	Equatorial Survey 6:00 am: MapCam High-Phase Angle; OpNav: MapCam
ON (MapCam)	2019	21	144	2019 05 24 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	21	145	2019 05 25 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	21	146	2019 05 26 00-23:00	111	Particle Search: MapCam; OpNav: MapCam
ON (MapCam)	2019	22	147	2019 05 27 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	22	148	2019 05 28 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	22	149	2019 05 29 00-23:00	9	OpNav: MapCam
EQS 8:30 pm Extreme-Phase Angle A	2019	22	150	2019 05 30 00-23:00	660	Equatorial Survey 8:30 pm: MapCam High-Phase Angle A Spectral Ride-along; OpNav: MapCam
EQS 8:30 pm Extreme-Phase Angle B	2019	22	151	2019 05 31 00-23:00	794	Equatorial Survey 8:30 pm: MapCam High-Phase Angle B: Dust Plume Search; OpNav: MapCam
ON (MapCam)	2019	22	152	2019 06 01 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	22	153	2019 06 02 00-23:00	5	OpNav: MapCam
ON (MapCam)	2019	23	154	2019 06 03 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	23	155	2019 06 04 00-23:00	9	OpNav: MapCam
ON (MapCam)	2019	23	156	2019 06 05 00-23:00	9	OpNav: MapCam
EQS 6 pm High-Phase Angle	2019	23	157	2019 06 06 00-23:00	725	Equatorial Survey 6:00 pm: MapCam High-Phase Angle; OpNav: MapCam
ON (MapCam)	2019	23	158	2019 06 07 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	23	159	2019 06 08 00-23:00	8	OpNav: MapCam
ON (MapCam)	2019	26	176	2019 06 25 00-23:00	2	OpNav: MapCam
ON (MapCam)	2019	26	177	2019 06 26 00-23:00	7	OpNav: MapCam
ON (MapCam)	2019	26	179	2019 06 28 00-23:00	6	OpNav: MapCam
Orb B (PolyCam)	2019	27	182	2019 07 01 20-23:59	26	Orbital B: PolyCam
Orb B (PolyCam)	2019	27	183	2019 07 02 00-23:59	141	Orbital B: PolyCam

Orb B (PolyCam)	2019	27	184	2019 07 03 00-23:59	141	Orbital B: PolyCam
Orb B (PolyCam)	2019	27	185	2019 07 04 00-23:59	115	Orbital B: PolyCam
Orb B (PolyCam)	2019	27	186	2019 07 05 00-23:59	73	Orbital B: PolyCam
Orb B (PolyCam)	2019	27	187	2019 07 06 00-23:59	115	Orbital B: PolyCam
Orb B (PolyCam)	2019	27	188	2019 07 07 00-23:59	26	Orbital B: PolyCam
Orb B (PolyCam)	2019	28	189	2019 07 08 00-23:59	141	Orbital B: PolyCam
Orb B (PolyCam)	2019	28	190	2019 07 09 00-23:59	141	Orbital B: PolyCam
Orb B (PolyCam)	2019	28	191	2019 07 10 00-23:59	141	Orbital B: PolyCam
Orb B (PolyCam)	2019	28	192	2019 07 11 00-23:59	141	Orbital B: PolyCam
Orb B (PolyCam)	2019	28	193	2019 07 12 00-23:59	141	Orbital B: PolyCam
Orb B (PolyCam)	2019	28	194	2019 07 13 00-23:59	115	Orbital B: PolyCam
Orb B (PolyCam)	2019	28	195	2019 07 14 00-23:59	26	Orbital B: PolyCam
Orb B (PolyCam & MapCam)	2019	29	196	2019 07 15 00-23:59	129	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	29	197	2019 07 16 00-23:59	119	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	29	198	2019 07 17 00-23:59	119	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	29	199	2019 07 18 00-23:59	105	Orbital B: PolyCam & MapCam
Orb B (PolyCam)	2019	29	200	2019 07 19 00-23:59	73	Orbital B: PolyCam
Orb B (PolyCam & MapCam)	2019	29	201	2019 07 20 00-23:59	93	Orbital B: PolyCam & MapCam
Orb B (PolyCam)	2019	29	202	2019 07 21 00-23:59	26	Orbital B: PolyCam
Orb B (PolyCam & MapCam)	2019	30	203	2019 07 22 00-23:59	107	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	30	204	2019 07 23 00-23:59	119	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	30	205	2019 07 24 00-23:59	97	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	30	206	2019 07 25 00-23:59	84	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	30	207	2019 07 26 00-23:59	72	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	30	208	2019 07 27 00-23:59	46	Orbital B: PolyCam & MapCam
Orb B (PolyCam)	2019	30	209	2019 07 28 00-23:59	26	Orbital B: PolyCam
Orb B (PolyCam & MapCam)	2019	31	210	2019 07 29 00-23:59	60	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	31	211	2019 07 30 00-23:59	58	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	31	212	2019 07 31 00-23:59	72	Orbital B: PolyCam & MapCam
Orb B (PolyCam & MapCam)	2019	31	213	2019 08 01 00-23:59	72	Orbital B: PolyCam & MapCam
Orb B (PolyCam)	2019	31	214	2019 08 02 00-23:59	47	Orbital B: PolyCam
Through-Focus (PolyCam)	2019	31	215	2019 08 03 00-23:59	18	Through-Focus: PolyCam
Through-Focus (PolyCam); Orb B (MapCam)	2019	31	216	2019 08 04 00-23:59	32	Through-Focus: PolyCam and Orbital B: MapCam
Orb B (PolyCam & MapCam)	2019	32	217	2019 08 05 00-23:59	105	Orbital B: PolyCam & MapCam
ON (MapCam)	2019	32	218	2019 08 06 00-23:59	2	OpNav: MapCam
ON (MapCam)	2019	32	219	2019 08 07 00-23:59	7	OpNav: MapCam
ON (MapCam)	2019	38	264	2019 09 21 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	39	265	2019 09 22 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	39	266	2019 09 23 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	39	267	2019 09 24 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	39	268	2019 09 25 00-23:59	9	OpNav: MapCam
FB2RF & ON (MapCam)	2019	39	269	2019 09 26 00-23:59	990	Flyby 2 Refly & OpNav: MapCam
ON (MapCam)	2019	39	270	2019 09 27 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	39	271	2019 09 28 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	40	272	2019 09 29 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	40	273	2019 09 30 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	40	274	2019 10 01 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	40	275	2019 10 02 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	40	276	2019 10 03 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	40	277	2019 10 04 00-23:59	9	OpNav: MapCam
EX07 (PC & MC)	2019	40	278	2019 10 05 00-23:59	476	PolyCam &/OR MapCam SLAB, ROC & Sandpiper and OpNav Imaging
ON (MapCam)	2019	41	279	2019 10 06 00-23:59	8	OpNav: MapCam
ON (MapCam)	2019	41	280	2019 10 07 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	41	281	2019 10 08 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	41	282	2019 10 09 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	41	283	2019 10 10 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	41	284	2019 10 11 00-23:59	9	OpNav: MapCam
DL06 (PC & MC)	2019	41	285	2019 10 12 00-23:59	511	PolyCam &/OR MapCam Gargoyle, Osprey, DL15 and OpNav Imaging
ON (MapCam)	2019	42	286	2019 10 13 00-23:59	8	OpNav: MapCam
ON (MapCam)	2019	42	287	2019 10 14 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	42	288	2019 10 15 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	42	289	2019 10 16 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	42	290	2019 10 17 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	42	291	2019 10 18 00-23:59	9	OpNav: MapCam

CQ13 (PC & MC)	2019	42	292	2019 10 19 00-23:59	527	PolyCam &/OR MapCam Kingfisher and OpNav Imaging
ON (MapCam)	2019	43	293	2019 10 20 00-23:59	8	OpNav: MapCam
ON (MapCam)	2019	43	294	2019 10 21 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	43	295	2019 10 22 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	43	296	2019 10 23 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	43	297	2019 10 24 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	43	298	2019 10 25 00-23:59	9	OpNav: MapCam
DL15 (PC & MC)	2019	43	299	2019 10 26 00-23:59	429	PolyCam &/OR MapCam Nightingale and OpNav Imaging
ON (MapCam)	2019	44	300	2019 10 27 00-23:59	8	OpNav: MapCam
ON (MapCam)	2019	44	301	2019 10 28 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	44	302	2019 10 29 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	44	303	2019 10 30 00-23:59	9	OpNav: MapCam
ON (MapCam)	2019	44	304	2019 10 31 00-23:59	7	OpNav: MapCam
ON (MapCam)	2019	45	308	2019 11 04 00-23:59	39	OCAMS Vega Absolute Color Calibration: MapCam & PolyCam, Day 1
ON (MapCam)	2019	45	309	2019 11 05 00-23:59	39	OCAMS Vega Absolute Color Calibration: MapCam & PolyCam, Day2
Linearity (MC, SC, PC)	2019	45	312	2019 11 08 00-23:59	180	OCAMS Linearity Calibration (MapCam, SamCam, PolyCam)
Orbit R (MapCam)	2019	46	315	2019 11 11 00-23:59	31	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	46	316	2019 11 12 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	46	317	2019 11 13 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	46	318	2019 11 14 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	46	319	2019 11 15 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	46	320	2019 11 16 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	47	321	2019 11 17 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	47	322	2019 11 18 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	47	323	2019 11 19 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	47	324	2019 11 20 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	47	325	2019 11 21 00-23:59	83	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	47	326	2019 11 22 00-23:59	69	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	47	327	2019 11 23 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	48	328	2019 11 24 00-23:59	114	Orbit R continuous monitoring (MapCam)
Orbit R (MapCam)	2019	48	329	2019 11 25 00-23:59	83	Orbit R continuous monitoring (MapCam)
Orbit R OpNav (MC)	2019	51	349	2019 12 15 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2019	51	350	2019 12 16 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2019	51	351	2019 12 17 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2019	51	352	2019 12 18 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2019	53	364	2019 12 30 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2019	53	365	2019 12 31 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	1	1	2020 01 01 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	1	2	2020 01 02 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	1	3	2020 01 03 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	1	4	2020 01 04 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	2	5	2020 01 05 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	2	6	2020 01 06 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	2	7	2020 01 07 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	2	8	2020 01 08 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	2	9	2020 01 09 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	2	10	2020 01 10 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	2	11	2020 01 11 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	3	12	2020 01 12 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	3	13	2020 01 13 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	3	14	2020 01 14 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	3	15	2020 01 15 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	3	16	2020 01 16 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	3	17	2020 01 17 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	3	18	2020 01 18 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	4	19	2020 01 19 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	4	20	2020 01 20 00-23:59	9	Orbit R Optical Navigation (MapCam)
Recon B #1 (PC & MC); Orbit R OpNav (MC)	2020	4	21	2020 01 21 00-23:59	107	Recon B Nightingale (PolyCam & MapCam); Orbit R Optical Navigation (MapCam)
Recon B #1 (PC & MC); Orbit R OpNav (MC)	2020	4	22	2020 01 22 00-23:59	627	Recon B Nightingale (PolyCam & MapCam); Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	4	23	2020 01 23 00-23:59	23	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	4	24	2020 01 24 00-23:59	8	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	4	25	2020 01 25 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	5	26	2020 01 26 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	5	27	2020 01 27 00-23:59	9	Orbit R Optical Navigation (MapCam)

Orbit R OpNav (MC)	2020	5	28	2020 01 28 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	5	29	2020 01 29 00-23:59	10	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	5	30	2020 01 30 00-23:59	5	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	5	31	2020 01 31 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	5	32	2020 02 01 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	6	33	2020 02 02 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	6	34	2020 02 03 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	6	35	2020 02 04 00-23:59	8	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	6	36	2020 02 05 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	6	37	2020 02 06 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	6	38	2020 02 07 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	6	39	2020 02 08 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	7	40	2020 02 09 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	7	41	2020 02 10 00-23:59	9	Orbit R Optical Navigation (MapCam)
Recon B #2 (PC & MC); Orbit R OpNav (MC)	2020	7	42	2020 02 11 00-23:59	521	Recon B Osprey (PolyCam & MapCam); Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	7	43	2020 02 12 00-23:59	22	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	7	44	2020 02 13 00-23:59	21	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	7	45	2020 02 14 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	7	46	2020 02 15 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	8	47	2020 02 16 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	8	48	2020 02 17 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	8	49	2020 02 18 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	8	50	2020 02 19 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	8	51	2020 02 20 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	8	52	2020 02 21 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	8	53	2020 02 22 00-23:59	10	Orbit R Optical Navigation (MapCam)
Linearity (MC, SC, PC)	2020	9	54	2020 02 23 00-23:59	187	OCAMS Linearity Calibration Repeat (MapCam, SamCam, PolyCam)
Orbit R OpNav (MC)	2020	9	55	2020 02 24 00-23:59	8	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	9	56	2020 02 25 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	9	57	2020 02 26 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	9	58	2020 02 27 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	9	59	2020 02 28 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	9	60	2020 02 29 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	10	61	2020 03 01 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	10	62	2020 03 02 00-23:59	16	Orbit R Optical Navigation (MapCam)
Recon C (PC & MC); Orbit R OpNav (MC)	2020	10	63	2020 03 03 00-23:59	470	Recon C Nightingale (PolyCam & MapCam); Orbit R Optical Navigation (MapCam)
Particle Imaging; Orbit R OpNav (MC)	2020	10	64	2020 03 04 00-23:59	30	Particle Imaging; Orbit R Optical Navigation (MapCam)
Particle Imaging; Orbit R OpNav (MC)	2020	10	65	2020 03 05 00-23:59	23	Particle Imaging; Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	10	66	2020 03 06 00-23:59	16	Particle Imaging; Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	10	67	2023 03 07 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	11	68	2024 03 08 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	11	69	2025 03 09 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	11	70	2026 03 10 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	11	71	2027 03 11 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	11	72	2028 03 12 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	11	73	2020 03 13 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	11	74	2020 03 14 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	12	75	2020 03 15 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	12	76	2020 03 16 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	13	87	2020 03 27 00-23:59	3	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	14	90	2020 03 30 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	14	91	2020 03 31 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	14	92	2020 04 01 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	14	93	2020 04 02 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	14	94	2020 04 03 00-23:59	5	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	14	95	2020 04 04 00-23:59	5	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	15	96	2020 04 05 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	15	97	2020 04 06 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	15	98	2020 04 07 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	15	99	2020 04 08 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	15	100	2020 04 09 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	15	101	2020 04 10 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	15	102	2020 04 11 00-23:59	9	Orbit R Optical Navigation (MapCam)







Orbit R OpNav (MC)	2020	41	278	2020 10 04 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	41	279	2020 10 05 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	41	280	2020 10 06 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	41	281	2020 10 07 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	41	283	2020 10 09 00-23:59	5	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	41	284	2020 10 10 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	42	285	2020 10 11 00-23:59	1	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	42	286	2020 10 12 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	42	287	2020 10 13 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	42	288	2020 10 14 00-23:59	7	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	42	290	2020 10 16 00-23:59	5	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	42	291	2020 10 17 00-23:59	2	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	43	292	2020 10 18 00-23:59	9	Orbit R Optical Navigation (MapCam)
Orbit R OpNav (MC)	2020	43	293	2020 10 19 00-23:59	6	Orbit R Optical Navigation (MapCam)
TAG (SC, MC)	2020	43	294	2020 10 20 00-23:59	257	TAG Imaging (SamCam, MapCam)
post-TAG (SC)	2020	43	296	2020 10 22 00-23:59	189	post-TAG Imaging (SamCam)
Orbit R OpNav (MC)	2020	43	297	2020 10 23 00-23:59	14	Orbit R Optical Navigation (MapCam)
Stow Imaging (SC)	2020	44	301	2020 10 27 00-23:59	51	Stow Sequence Imaging (SamCam)
Stow and post-Stow Imaging (SC)	2020	44	302	2020 10 28 00-23:59	64	Stow and post-Stow Sequence Imaging (SamCam)
Post-TAG Checkout and Calibration (MC, SC, PC)	2020	47	322	2020 11 17 00-23:59	242	Health Check, Dark, Cal Lamp and CTE cals: Darks, Lamps, Star Images (MapCam, SamCam, PolyCam)
Post-TAG Calibrations (MC, SC, PC)	2021	4	19	2021 01 19 00-23:59	297	RTS & Vega Cals (MapCam, SamCam, PolyCam)
OpNav (MC)	2021	8	54	2021 02 23 00-23:59	24	Optical Navigation (MapCam)
OpNav (MC)	2021	8	55	2021 02 24 00-23:59	24	Optical Navigation (MapCam)
OpNav (MC)	2021	8	56	2021 02 25 00-23:59	24	Optical Navigation (MapCam)
OpNav (MC)	2021	8	57	2021 02 26 00-23:59	24	Optical Navigation (MapCam)
OpNav (MC)	2021	8	58	2021 02 27 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	9	59	2021 02 28 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	9	60	2021 03 01 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	9	61	2021 03 02 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	9	62	2021 03 03 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	9	63	2021 03 04 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	9	64	2021 03 05 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	9	65	2021 03 06 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	10	66	2021 03 07 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	10	67	2021 03 08 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	10	68	2021 03 09 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	10	69	2021 03 10 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	10	70	2021 03 11 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	10	71	2021 03 12 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	10	72	2021 03 13 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	11	73	2021 03 14 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	11	74	2021 03 15 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	11	75	2021 03 16 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	11	76	2021 03 17 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	11	77	2021 03 18 00-23:59	20	Optical Navigation (MapCam)
OpNav (MC)	2021	11	78	2021 03 19 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	11	79	2021 03 20 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	12	80	2021 03 21 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	12	81	2021 03 22 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	12	82	2021 03 23 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	12	83	2021 03 24 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	12	84	2021 03 25 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	12	85	2021 03 26 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	12	86	2021 03 27 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	13	87	2021 03 28 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	13	88	2021 03 29 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	13	89	2021 03 30 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	13	90	2021 03 31 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	13	91	2021 04 01 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	13	92	2021 04 02 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	13	93	2021 04 03 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	14	94	2021 04 04 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	14	95	2021 04 05 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	14	96	2021 04 06 00-23:59	18	Optical Navigation (MapCam)

FWT (PC, MC); OpNav (MC)	2021	14	97	2021 04 07 00-23:59	1563	Farewell Tour (PolyCam, MapCam); Optical Navigation (MapCam)
OpNav (MC)	2021	14	98	2021 04 08 00-23:59	18	Optical Navigation (MapCam)
OpNav (MC)	2021	14	99	2021 04 09 00-23:59	18	Optical Navigation (MapCam)