

Mascam Image Timetable

Data Directory	Position / Time / Sequence Name	Image Name	Image Time	Calibrated?	Bias from...	Dark Current from...
Descent	Descent, Day 1, Decent	mcam_1086235459_100_00203_n	2018-10-03T01:59:45.593	Yes	1087609453_755	
		mcam_1086237391_101_00203_n	2018-10-03T02:00:44.986	Yes	1087609453_755	
		mcam_1086239325_102_00203_n	2018-10-03T02:01:45.585	Yes	1087609453_755	
		mcam_1086241264_103_00203_n	2018-10-03T02:02:47.183	Yes	1087609453_755	
		mcam_1086243196_104_00203_n	2018-10-03T02:03:47.593	Yes	1087609453_755	
		mcam_1086245141_105_00203_n	2018-10-03T02:04:47.396	Yes	1087609453_755	
		mcam_1086247068_106_00203_n	2018-10-03T02:05:47.585	Yes	1087609453_755	
		mcam_1086248051_107_00203_n	2018-10-03T02:06:19.183	Yes	1087609453_755	
		mcam_1086249018_108_00203_n	2018-10-03T02:06:49.593	Yes	1087609453_755	
		mcam_1086249997_109_00203_n	2018-10-03T02:07:19.175	Yes	1087609453_755	
		mcam_1086250971_110_00203_n	2018-10-03T02:07:49.585	Yes	1087609453_755	
		mcam_1086251956_111_00203_n	2018-10-03T02:08:21.404	Yes	1087609453_755	
		mcam_1086252923_112_00203_n	2018-10-03T02:08:51.593	Yes	1087609453_755	
		mcam_1086253900_113_00203_n	2018-10-03T02:09:21.175	Yes	1087609453_755	
		mcam_1086254876_114_00203_n	2018-10-03T02:09:51.585	Yes	1087609453_755	
		mcam_1086255857_115_00203_n	2018-10-03T02:10:23.183	Yes	1087609453_755	
		mcam_1086256837_116_00203_n	2018-10-03T02:10:52.797	Yes	1087609453_755	
		mcam_1086257809_117_00203_n	2018-10-03T02:11:23.175	Yes	1087609453_755	
		mcam_1086258786_118_00203_n	2018-10-03T02:11:53.585	Yes	1087609453_755	
	mcam_1086259638_119_00203_n	2018-10-03T02:12:25.183	Yes	1087609453_755		
Descent	Position 0, Day 1, Upright1	mcam_1086268414_150_00203_n	2018-10-03T02:16:59.404	No		
		mcam_1086272704_150_00203_n	2018-10-03T02:19:13.404	No		
Uprighting						
	Position 1, Day 1, Day1_Seq1	mcam_1086302994_200_00468_n	2018-10-03T02:34:36.784	No		
		mcam_1086303447_201_00233_n	2018-10-03T02:35:03.583	No		
		mcam_1086303870_202_00936_n	2018-10-03T02:35:08.957	No		
		mcam_1086304425_203_00002_n	2018-10-03T02:35:17.603	No		
		mcam_1086304969_204_00468_r	2018-10-03T02:35:35.162	No		
		mcam_1086306051_205_00468_g	2018-10-03T02:36:09.382	No		
		mcam_1086307127_206_00468_b	2018-10-03T02:36:43.162	No		
		mcam_1086308182_207_00468_i	2018-10-03T02:37:16.784	No		

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MP_1a	Position 1, Night 1, Night1_Seq1	mcam_1086479118_350_01069_n	2018-10-03T04:06:40.943	No		
		mcam_1086481236_351_29464_r	2018-10-03T04:06:47.933	No		
		mcam_1086483412_352_29464_g	2018-10-03T04:07:55.933	No		
		mcam_1086485584_353_29464_b	2018-10-03T04:09:03.933	No		
		mcam_1086487749_354_29464_i	2018-10-03T04:10:11.712	No		
		mcam_1086488207_355_00002_n	2018-10-03T04:11:19.414	No		
	Position 1, Night 1, Night1_Seq2	mcam_1086529104_400_09621_n	2018-10-03T04:32:42.933	No		
		mcam_1086531248_401_29464_r	2018-10-03T04:32:50.122	No		
		mcam_1086533417_402_29464_g	2018-10-03T04:33:58.122	No		
		mcam_1086535593_403_29464_b	2018-10-03T04:35:05.933	No		
		mcam_1086537759_404_29464_i	2018-10-03T04:36:13.933	No		
		mcam_1086538243_405_00002_n	2018-10-03T04:37:21.603	No		
	Position 1, Night 1, Night1_Seq3	mcam_1086644298_450_09621_n	2018-10-03T05:32:42.704	No		
		mcam_1086644788_451_29464_r	2018-10-03T05:32:55.342	No		
		mcam_1086645279_452_29464_g	2018-10-03T05:33:06.122	No		
		mcam_1086645774_453_29464_b	2018-10-03T05:33:17.933	No		
		mcam_1086646258_454_29464_i	2018-10-03T05:33:29.712	No		
		mcam_1086646716_455_00002_n	2018-10-03T05:33:39.603	No		
Position 1, Night 1, Night1_Seq3	mcam_1086759511_450_09621_n	2018-10-03T06:32:43.114	No			
	mcam_1086760001_451_29464_r	2018-10-03T06:32:55.720	No			
	mcam_1086760492_452_29464_g	2018-10-03T06:33:07.531	No			
	mcam_1086760987_453_29464_b	2018-10-03T06:33:19.342	No			
	mcam_1086761471_454_29464_i	2018-10-03T06:33:30.122	No			
	mcam_1086761929_455_00002_n	2018-10-03T06:33:38.996	No			
MP_1b	Position 1, Dawn 2, Night1_Seq3	mcam_1086874705_450_09621_n	2018-10-03T07:32:43.114	Yes	1086877090_455	
		mcam_1086875187_451_29464_r	2018-10-03T07:32:55.720	Yes	1086877090_455	
		mcam_1086875669_452_29464_g	2018-10-03T07:33:07.531	Yes	1086877090_455	
		mcam_1086876158_453_29464_b	2018-10-03T07:33:19.342	Yes	1086877090_455	
		mcam_1086876632_454_29464_i	2018-10-03T07:33:30.122	Yes	1086877090_455	
		mcam_1086877090_455_00002_n	2018-10-03T07:33:38.996	No		
Move (~750 mm)						

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MP_2a	Position 2, Day 2, Day1_Seq1	mcam_1086981928_600_00468_n	2018-10-03T08:28:11.579	Yes	1086983487_603	
		mcam_1086982422_601_00233_n	2018-10-03T08:28:37.394	Yes	1086983487_603	
		mcam_1086982940_602_00936_n	2018-10-03T08:28:41.548	Yes	1086983487_603	
		mcam_1086983487_603_00002_n	2018-10-03T08:28:53.406	No		
		mcam_1086984047_604_00468_r	2018-10-03T08:29:12.784	Yes	1086983487_603	
		mcam_1086985123_605_00468_g	2018-10-03T08:29:47.162	Yes	1086983487_603	
		mcam_1086986211_606_00468_b	2018-10-03T08:30:20.973	Yes	1086983487_603	
		mcam_1086987266_607_00468_i	2018-10-03T08:30:54.973	Yes	1086983487_603	

Slide (~7 mm)

MP_2b	Position 2, Dusk 2, Night1_Seq1	mcam_1087257996_650_01069_n	2018-10-03T10:52:21.140	No		
		mcam_1087258516_651_07483_r	2018-10-03T10:52:29.229	Radiance	1087385788_705	1087257996_650
		mcam_1087259038_652_07483_g	2018-10-03T10:52:45.040	Radiance	1087385788_705	1087257996_650
		mcam_1087259550_653_07483_b	2018-10-03T10:53:00.819	Radiance	1087385788_705	1087257996_650
		mcam_1087260039_654_14966_i	2018-10-03T10:53:16.855	Radiance	1087385788_705	1087257996_650
		mcam_1087260504_655_00002_n	2018-10-03T10:53:22.807	No		

Slide (~4 mm)

	Position 2, Night 2, Night1_Seq2	mcam_1087376647_700_09621_n	2018-10-03T11:54:08.712	No		
		mcam_1087378791_701_29464_r	2018-10-03T11:54:15.933	Radiance	1087385788_705	1087376647_700
		mcam_1087380961_702_29464_g	2018-10-03T11:55:23.933	Radiance	1087385788_705	1087376647_700
		mcam_1087383138_703_29464_b	2018-10-03T11:56:31.712	Radiance	1087385788_705	1087376647_700
		mcam_1087385304_704_29464_i	2018-10-03T11:57:39.712	Radiance	1087385788_705	1087376647_700
		mcam_1087385788_705_00002_n	2018-10-03T11:58:47.414	No		
	Position 2, Night 2, Night1_Seq3	mcam_1087491849_750_09621_n	2018-10-03T12:54:08.704	No		
		mcam_1087492336_751_29464_r	2018-10-03T12:54:21.342	Radiance	1087494256_755	1087491849_750
		mcam_1087492825_752_29464_g	2018-10-03T12:54:32.122	Radiance	1087494256_755	1087491849_750
		mcam_1087493317_753_29464_b	2018-10-03T12:54:43.933	Radiance	1087494256_755	1087491849_750
		mcam_1087493799_754_29464_i	2018-10-03T12:54:55.712	Radiance	1087494256_755	1087491849_750
		mcam_1087494256_755_00002_n	2018-10-03T12:55:05.603	No		

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MP_2c	Position 2, Night 2, Night1_Seq3	mcam_1087607049_750_09621_n	2018-10-03T13:54:08.704	No			
		mcam_1087607536_751_29464_r	2018-10-03T13:54:21.342	Radiance	1087609453_755	1087607049_750	
		mcam_1087608024_752_29464_g	2018-10-03T13:54:32.122	Radiance	1087609453_755	1087607049_750	
		mcam_1087608516_753_29464_b	2018-10-03T13:54:43.933	Radiance	1087609453_755	1087607049_750	
		mcam_1087608996_754_29464_i	2018-10-03T13:54:55.712	Radiance	1087609453_755	1087607049_750	
		mcam_1087609453_755_00002_n	2018-10-03T13:55:05.603	No			
	Position 2, Dawn 3, Night1_Seq3	mcam_1087722255_750_09621_n	2018-10-03T14:54:08.925	No			
		mcam_1087722741_751_29464_r	2018-10-03T14:54:21.531	Radiance	1087609453_755		
		mcam_1087723227_752_29464_g	2018-10-03T14:54:33.342	Radiance	1087609453_755		
		mcam_1087723722_753_29464_b	2018-10-03T14:54:44.122	Radiance	1087609453_755		
		mcam_1087724202_754_29464_i	2018-10-03T14:54:55.933	Radiance	1087609453_755		
		mcam_1087724659_755_00002_n	2018-10-03T14:55:04.807	No			
	Position 2, Dawn 3, Day1_Seq1	mcam_1087786531_800_01871_n	2018-10-03T15:27:22.911	No			
		mcam_1087787018_801_00934_n	2018-10-03T15:27:41.359	No			
		mcam_1087787530_802_03742_n	2018-10-03T15:27:47.227	No			
		mcam_1087788047_803_00002_n	2018-10-03T15:27:58.815	No			
		mcam_1087788594_804_01871_r	2018-10-03T15:28:16.714	Radiance	1087609453_755		
		mcam_1087789212_805_01871_g	2018-10-03T15:28:43.509	Radiance	1087609453_755		
		mcam_1087790063_806_01871_b	2018-10-03T15:29:08.903	Radiance	1087609453_755		
		mcam_1087790857_807_01871_i	2018-10-03T15:29:35.501	Radiance	1087609453_755		
	Move (~47 mm)						
	MP_3a	Position 3, Day 3, Day1_Seq1	mcam_1087921583_800_00468_n	2018-10-03T16:37:34.973	Yes	1087923151_803	
			mcam_1087922076_801_00233_n	2018-10-03T16:38:01.583	Yes	1087923151_803	
			mcam_1087922596_802_00936_n	2018-10-03T16:38:06.768	Yes	1087923151_803	
mcam_1087923151_803_00002_n			2018-10-03T16:38:17.406	No			
mcam_1087923692_804_00468_r			2018-10-03T16:38:37.162	Yes	1087923151_803		
mcam_1087924771_805_00468_g			2018-10-03T16:39:11.162	Yes	1087923151_803		
mcam_1087925859_806_00468_b			2018-10-03T16:39:44.973	Yes	1087923151_803		
mcam_1087926914_807_00468_i			2018-10-03T16:40:18.973	Yes	1087923151_803		
Move (~3 mm)							

Mascam Image Timetable

MP_3b	Position 3, Day 3, Day1_Seq2	mcam_1087998888_850_00468_r	2018-10-03T17:17:48.981	Yes	1088002564_854	
		mcam_1087999963_851_00468_g	2018-10-03T17:18:23.390	Yes	1088002564_854	
		mcam_1088001027_852_00468_b	2018-10-03T17:18:56.981	Yes	1088002564_854	
		mcam_1088002098_853_00468_i	2018-10-03T17:19:30.792	Yes	1088002564_854	
		mcam_1088002564_854_00002_n	2018-10-03T17:19:59.595	No		
Move (~118 mm)						
MP_4	Position 4, Day 3, Phot	mcam_1088092556_300_01403_n	2018-10-03T18:06:40.934	No		

Column description:

Data Directory	Name of the data subdirectory.
Position	Position number as used by the Mascam team.
Time	Time of Day and Mission day number.
Sequence Name	Name of the command sequence used to generate this set of images as described in mascam_on_asteroid_phase.pdf, Tables 2 – 10
Image Name	The name of the image file.
Image Time	This is the time at the middle of the exposure of this image.
Calibrated?	Radiometrically calibrated version available? “No” ... The image was not radiometrically calibrated. “Yes” ... The image was radiometrically calibrated, the unit is [DN] “Radiance” ... The image was absolute radiometrically calibrated, the unit is [W / m ² / sr]
Bias from...	Name of the image file that was used for the Bias correction in the radiometric calibration pipeline.
Dark Current from...	Name of the image file that was used for the Dark Current correction in the radiometric calibration pipeline. If the field is empty no suitable image was found and the Dark Current correction was skipped.

Nomenclature of the MASCOT Motions:

Move	Commanded (i.e. intended) motion
Slide	Unintended motion
Uprighting	Flipping MASCOT upside down.

(The dimension of each motion is the motion of the center of MASCOT, not the camera!)