

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
1	03-324/00:02:27	cn0843	C35	3125	<a href="#">c01grs_s25b_open_prep2_2.bfl</a>	Executed at Orbit 160, Pixel 229	
2		(GRS cmd id 1301)	D801	55297	<a href="#">c01grs_ann_pwr_override.sasf</a>		imm
3		(GRS cmd id 1307)	D802	55298	<a href="#">c01grs_ann_pwr_o_mr_pri_off.sasf</a>		imm
4		(GRS cmd id 1303)	D803	55299	<a href="#">c01grs_ann_pwr_o_os_pri_off.sasf</a>		imm
5		(GRS cmd id 1305)	D804	55300	<a href="#">c01grs_ann_pwr_o_os_sec_off.sasf</a>		imm
6		(GRS cmd id 1309)	D805	55301	<a href="#">c01grs_ann_pwr_o_mr_sec_off.sasf</a>		imm
7		(GRS cmd id 1325)	D806	55302	<a href="#">c01grs_op_heater_off.sasf</a>	Comparison is terminated by c01grs_mr_temp_a_dont_comp.sasf cmd	imm
8		(GRS cmd id 1323)	D807	55303	<a href="#">c01grs_gpa_heater_3_off.sasf</a>		imm
9		(GRS cmd id 1502)	D808	55304	<a href="#">c01grs_door_dith_hi_800.sasf</a>		imm
10		(GRS cmd id 1532)	D809	55305	<a href="#">c01grs_lat_dith_hi_1600.sasf</a>		imm
11		(GRS cmd id 2358)	D80A	55306	<a href="#">c01grs_os_temp_a_oor_a_ct_0.sasf</a>	Requires no consecutive out-of-range values.	imm
12		(GRS cmd id 2986)	D80B	55307	<a href="#">c01grs_os_temp_a_low_p10_2.c.sasf</a>	10.2°C 283.2°K Dn=14745 (0x3999)	imm
13		(GRS cmd id 2987)	D80C	55308	<a href="#">c01grs_os_temp_a_up_p10_0.c.sasf</a>	10°C 283°K Dn=14754 (0x39A2)	imm
14							
15	03-323/22:36:51	cn0840	C35	3125	<a href="#">c01grs_s25b_open_prep2_1.bfl</a>	Executed at Orbit 159, Pixel 329	
16		(GRS cmd id 1301)	D801	55297	<a href="#">c01grs_ann_pwr_override.sasf</a>		imm
17		(GRS cmd id 1307)	D802	55298	<a href="#">c01grs_ann_pwr_o_mr_pri_off.sasf</a>		imm
18		(GRS cmd id 1303)	D803	55299	<a href="#">c01grs_ann_pwr_o_os_pri_off.sasf</a>		imm
19		(GRS cmd id 1305)	D804	55300	<a href="#">c01grs_ann_pwr_o_os_sec_off.sasf</a>		imm
20		(GRS cmd id 1309)	D805	55301	<a href="#">c01grs_ann_pwr_o_mr_sec_off.sasf</a>		imm
21		(GRS cmd id 1325)	D806	55302	<a href="#">c01grs_op_heater_off.sasf</a>	Comparison is terminated by c01grs_mr_temp_a_dont_comp.sasf cmd	imm
22		(GRS cmd id 1323)	D807	55303	<a href="#">c01grs_gpa_heater_3_off.sasf</a>		imm
23		(GRS cmd id 1502)	D808	55304	<a href="#">c01grs_door_dith_hi_800.sasf</a>		imm
24		(GRS cmd id 1532)	D809	55305	<a href="#">c01grs_lat_dith_hi_1600.sasf</a>		imm
25		(GRS cmd id 2358)	D80A	55306	<a href="#">c01grs_os_temp_a_oor_a_ct_0.sasf</a>	Requires no consecutive out-of-range values.	imm
26		(GRS cmd id 2359)	D80B	55307	<a href="#">c01grs_os_temp_a_low_p0_0.c.sasf</a>	0°C 273°K Dn=15187 (0x3B53)	imm
27		(GRS cmd id 2360)	D80C	55308	<a href="#">c01grs_os_temp_a_up_n0_2.c.sasf</a>	-0.2°C 272.8°K Dn=15195 (0x3B5B)	imm
28							
29	02-116/12:51:13	cn0245	C35	3125	<a href="#">c01grs_s25b_gpa_warm_off_1.bfl</a>	Executed at Orbit xxxx , Pixel xxx	
30		(GRS cmd id 2450)	D801	55297	<a href="#">c01grs_gpa_temp_dont_comp.sasf</a>	Terminate the comparison	imm
31		(GRS cmd id 1323)	D802	55298	<a href="#">c01grs_gpa_heater_3_off.sasf</a>		5
32		(GRS cmd id 2455)	D803	55299	<a href="#">c01grs_gpa3_temp_low_p30c.sasf</a>	30°C 303°K [Dn=15274] [(0x3BAA)]	25
33		(GRS cmd id 2457)	D804	55300	<a href="#">c01grs_gpa3_temp_oor_a_ct_3.sasf</a>	Requires three consecutive out-of-range values	25
34		(GRS cmd id 2757)	D805	55301	<a href="#">c01grs_gpa3_temp_use_seq_15b.sasf</a>	Activates sequence to shutdown gamma subsystem.	25
35		(GRS cmd id 2447)	D806	55302	<a href="#">c01grs_gpa_temp_comp_less.sasf</a>	Counterintuitive - compares Dn value (Dn decreases as T increases)	45
36							
37	02-079/18:45:52	cn0167	C35	3125	<a href="#">c01grs_s25b_os_temp_n68c_2.bfl</a>	Executed at Orbit 364, Pixel 261	
38		(GRS cmd id 1245)	D801	55297	<a href="#">c01grs_ceb_alt_curr_timer3.sasf</a>		imm
39		(GRS cmd id 2463)	D802	55298	<a href="#">c01grs_is_temp_b_up_n133c.sasf</a>	-133°C 140°K [Dn=4290] [(0x10C2)]	imm
40		(GRS cmd id 2476)	D803	55299	<a href="#">c01grs_is_temp_b_use_seq_26b.sasf</a>	Step down the temperature setpoints for the OS heater	imm
41		(GRS cmd id 2344)	D804	55300	<a href="#">c01grs_os_temp_a_low_n68_2c.sasf</a>	-68.2°C 204.8°K Dn=1687 (0x697)	imm
42		(GRS cmd id 2345)	D805	55301	<a href="#">c01grs_os_temp_a_up_n68_3c.sasf</a>	-68.3°C 204.7°K Dn=1691 (0x69B)	imm
43		(GRS cmd id 2439)	D806	55302	<a href="#">c01grs_op_h_mr_a_low_n82c.sasf</a>	-82°C 191°K Dn=2229 (0x8B5)	imm
44		(GRS cmd id 2429)	D807	55303	<a href="#">c01grs_op_h_mr_a_up_n83c.sasf</a>	-83°C 190°K Dn=2269 (0x8DD)	imm
45		(GRS cmd id 1128)	D808	55304	<a href="#">c01grs_activate_sequence_28b.sasf</a>	Dumps fpga_a, fpga_b, analog, parameter, and data counts	imm
46							
47	02-074/19:40:02	cn0155	C35	3125	<a href="#">c01grs_s25b_os_temp_n68c_1.bfl</a>	Executed at Orbit 304, Pixel 163	
48		(GRS cmd id 2463)	D801	55297	<a href="#">c01grs_is_temp_b_up_n133c.sasf</a>	-133°C 140°K [Dn=4290] [(0x10C2)]	imm
49		(GRS cmd id 2476)	D802	55298	<a href="#">c01grs_is_temp_b_use_seq_26b.sasf</a>	Step down the temperature setpoints for the OS heater	imm
50		(GRS cmd id 2344)	D803	55299	<a href="#">c01grs_os_temp_a_low_n68_2c.sasf</a>	-68.2°C 204.8°K Dn=1687 (0x697)	imm
51		(GRS cmd id 2345)	D804	55300	<a href="#">c01grs_os_temp_a_up_n68_3c.sasf</a>	-68.3°C 204.7°K Dn=1691 (0x69B)	imm
52		(GRS cmd id 2439)	D805	55301	<a href="#">c01grs_op_h_mr_a_low_n82c.sasf</a>	-82°C 191°K Dn=2229 (0x8B5)	imm
53		(GRS cmd id 2429)	D806	55302	<a href="#">c01grs_op_h_mr_a_up_n83c.sasf</a>	-83°C 190°K Dn=2269 (0x8DD)	imm
54		(GRS cmd id 1128)	D807	55303	<a href="#">c01grs_activate_sequence_28b.sasf</a>	Dumps fpga_a, fpga_b, analog, parameter, and data counts	imm
55							

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
56	02-043/03:29:28	cn0121	C35	3125	c01grs_s25b_os_temp_n73c_1.bfl	Executed at Orbit 4, Pixel 7997	
57		(GRS cmd id 2379)	D801	55297	c01grs_os_temp_a_low_n73_1c.sasf	Dn=1889 0x761	imm
58		(GRS cmd id 2378)	D802	55298	c01grs_os_temp_a_up_n73_3c.sasf	Dn=1897 0x769	imm
59		(GRS cmd id 2486)	D803	55299	c01grs_is_temp_b_up_n138c.sasf	[Dn=4484] [0x1184]	imm
60		(GRS cmd id 2476)	D804	55300	c01grs_is_temp_b_use_seq_26b.sasf	Step down the temperature setpoints for the OS heater	imm
61		(GRS cmd id 1128)	D805	55301	c01grs_activate_sequence_28b.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	imm
62							
63	n/a	n/a			c00grs_seq_25_b_ceb_hk1_dl.bfl	Pre-launch load	
64			D801	55297	set downlink rate - CEB AGND - 60		imm
65			D802	55298	set downlink rate - CEB +5 Cryo - 60		imm
66			D803	55299	set downlink rate - CEB IS Temp A - 60		imm
67			D804	55300	set downlink rate - CEB OS Temp A - 60		imm
68			D805	55301	set downlink rate - CEB MR Temp A - 60		imm
69			D806	55302	set downlink rate - CEB Heater Control Temp - 60		imm
70			D807	55303	set downlink rate - CEB CPU +5 - 60		imm
71			D808	55304	set downlink rate - CEB CPU +5 Current - 60		imm
72			D809	55305	set downlink rate - CEB PS2 Temp - 60		imm
73			D80A	55306	set downlink rate - CEB IS Temp B - 60		imm
74			D80B	55307	set downlink rate - CEB -12v Analog - 60		imm
75			D80C	55308	set downlink rate - CEB IS Temp B - 60		imm
76			D80D	55309	set downlink rate - CEB +12v Analog - 60		imm
77			D80E	55310	set downlink rate - CEB +12v Analog - 60		imm
78			D80F	55311	set downlink rate - CEB +28v Current - 60		imm