

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
1	03-323/22:29:22	cn0836	C4E	3150	c01grs_s50b_post_ramp2_1.bfl	Executed at Orbit 159, Pixel 306	
2		(GRS cmd id 2883)	F101	61697	c01grs_mr_temp_b_low_n89_95c.sasf	-89.95°C 183.05°K Dn=2548 (0x9F4)	imm
3		(GRS cmd id 2882)	F102	61698	c01grs_mr_temp_b_up_n90_0c.sasf	-90°C 183°K Dn=2550 (0x9F6)	imm
4		(GRS cmd id 2880)	F103	61699	c01grs_mr_temp_b_oor_a_ct_0.sasf	Requires no consecutive out-of-range values.	imm
5		(GRS cmd id 2809)	F104	61700	c01grs_mr_temp_b_use_seq_26a.sasf	Activates sequence to compare less than.	imm
6		(GRS cmd id 2992)	F105	61701	c01grs_os_temp_b_lo_n109_28c.sasf	-109.28°C 163.72°K Dn=3323 (0xCFB)	imm
7		(GRS cmd id 2993)	F106	61702	c01grs_os_temp_b_up_n109_30c.sasf	-109.3°C 163.7°K Dn=3324 (0xCFC)	imm
8		(GRS cmd id 2049)	F107	61703	c01grs_os_temp_b_oor_a_ct_2.sasf	Requires two consecutive out-of-range values.	imm
9		(GRS cmd id 2841)	F108	61704	c01grs_os_temp_b_use_seq_30b.sasf	Activates sequence to compare less than.	imm
10		(GRS cmd id 2029)	F109	61705	c01grs_os_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	20
11		(GRS cmd id 1041)	F10A	61706	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	60
12							
13	03-024/18:42:58	cn0607	C4E	3150	c01grs_s50b_open_cool6_1.bfl	Executed at Orbit 934, Pixel 224	
14		(GRS cmd id 2469)	F101	61697	c01grs_is_temp_b_dont_comp.sasf	Terminate the comparison	imm
15		(GRS cmd id 2753)	F102	61698	c01grs_os_temp_a_lo_n106_28c.sasf	-106.28°C 166.72°K Dn=3233 (0xCA1)	imm
16		(GRS cmd id 2754)	F103	61699	c01grs_os_temp_a_up_n106_30c.sasf	-106.3°C 166.7°K Dn=3234 (0xCA2)	imm
17		(GRS cmd id 1041)	F104	61700	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	20
18							
19	02-198/16:13:10	cn0415			c01grs_delete_sequences_2.bcf		imm
20			C80	3200	c01grs_delete_s50b_1.sasf		imm
21							
22	02-144/17:37:00	cn0348	C4E	3150	c01grs_s50b_boom_deploy_2.bfl	Executed at Orbit 1153, Pixel 273	
23		(GRS cmd id 2469)	F101	61697	c01grs_is_temp_b_dont_comp.sasf		0 orb/0 pix
24		(GRS cmd id tbd)	F102	61698	c01grs_mr_temp_b_low_p19_0c.sasf	19°C 292°K Dn=14377 (0x3829)	0 orb/1 pix
25		(GRS cmd id tbd)	F103	61699	c01grs_mr_temp_b_up_p18_0c.sasf	18°C 291°K Dn=14420 (0x3854)	0 orb/1 pix
26		(GRS cmd id tbd)	F104	61700	c01grs_os_temp_a_low_p19_0c.sasf	19°C 292°K Dn=14363 (0x381B)	0 orb/1 pix
27		(GRS cmd id tbd)	F105	61701	c01grs_os_temp_a_up_p18_8c.sasf	18.8°C 291.8°K Dn=14371 (0x3823)	0 orb/1 pix
28		(GRS cmd id tbd)	F106	61702	c01grs_is_temp_b_up_p17_0c.sasf	17°C 290°K Dn=14430 (0x385E)	0 orb/1 pix
29		(GRS cmd id tbd)	F107	61703	c01grs_is_temp_b_use_seq_10b.sasf		0 orb/1 pix
30		(GRS cmd id 2471)	F108	61704	c01grs_is_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	0 orb/2 pix
31							
32	02-129/18:48:02	cn0274	C4E	3150	c01grs_s50b_boom_deploy_1.bfl	Executed at Orbit 972, Pixel 48	
33		(GRS cmd id 2469)	F101	61697	c01grs_is_temp_b_dont_comp.sasf		0 orb/0 pix
34		(GRS cmd id 2869)	F102	61698	c01grs_mr_temp_b_low_p17c.sasf	17°C 290°K Dn=14463 (0x387F)	0 orb/1 pix
35		(GRS cmd id 2870)	F103	61699	c01grs_mr_temp_b_up_p16c.sasf	16°C 289°K Dn=14506 (0x38AA)	0 orb/1 pix
36		(GRS cmd id 2871)	F104	61700	c01grs_os_temp_a_low_p17_0c.sasf	17°C 290°K Dn=14450 (0x3872)	0 orb/1 pix
37		(GRS cmd id 2872)	F105	61701	c01grs_os_temp_a_up_p16_8c.sasf	16.8°C 289.8°K Dn=14458 (0x387A)	0 orb/1 pix
38							
39	01-164/09:46:21	i9406001	C4E	3150	c01grs_seq_50_b_htr_ctrl_off.bfl	Load sequence 50b to EEPROM.	
40					Load sequence 50b to EEPROM:		
41			F101	61697	c01grs_ann_pwr_override.sasf		imm
42			F102	61698	c01grs_mr_temp_a_dont_comp.sasf	Terminate the comparison.	imm
43			F103	61699	c01grs_mr_temp_b_dont_comp.sasf	Terminate the comparison.	imm
44			F104	61700	c01grs_os_temp_a_dont_comp.sasf	Terminate the comparison.	imm
45			F105	61701	c01grs_os_temp_b_dont_comp.sasf	Terminate the comparison.	imm
46			F106	61702	c01grs_ann_pwr_o_os_pri_off.sasf		5
47			F107	61703	c01grs_ann_pwr_o_os_sec_off.sasf		5
48			F108	61704	c01grs_ann_pwr_o_mr_sec_off.sasf		5
49			F109	61705	c01grs_ann_pwr_o_mr_pri_on.sasf		5
50			F10A	61706	c01grs_gpa_heater_3_on.sasf		5
51			F10B	61707	c01grs_op_heater_off.sasf		5