

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
1	03-323/22:42:41	cn0842	C40	3136	c01grs_s36b_open_prep4_1.bfl	Executed at Orbit 159, Pixel 346	
2		(GRS cmd id 1023)	E301	58113	c01grs_activate_sequence_23a.sasf	Start Op heater control using MR-A sensor (turns heater off)	imm
3		(GRS cmd id 1019)	E302	58114	c01grs_activate_sequence_19a.sasf	Start GPA2 heater control using GPA sensor (turns heater off)	imm
4		(GRS cmd id 2471)	E303	58115	c01grs_is_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
5		(GRS cmd id 1111)	E304	58116	c01grs_activate_sequence_11b.sasf	Set timer2 to 20 seconds	imm
6		(GRS cmd id 1041)	E305	58117	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	imm
7							
8	02-170/18:07:01	cn0380	C40	3136	c01grs_s36b_ceb_htr_on_1.bfl	Executed at Orbit 1443, Pixel 312	
9		(GRS cmd id 1326)	E301	58113	c01grs_ceb_heater_on.sasf		imm
10		(GRS cmd id tbd)	E302	58114	c01grs_ceb_hvbs_use_seq_35b.sasf	Turns CEB heater off	imm
11		(GRS cmd id tbd)	E303	58115	c01grs_ceb_hvbs_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
12							
13	02-129/18:42:03	cn0271	C40	3136	c01grs_s36b_boom_deploy_1.bfl	Executed at Orbit 972, Pixel 30	
14		(GRS cmd id 2082)	E301	58113	c01grs_mr_temp_a_dont_comp.sasf	Stops comparison	0 orb/0 pix
15		(GRS cmd id 2851)	E302	58114	c01grs_os_temp_a_low_p53_0c.sasf	53°C 326°K Dn=12872 (0x3248)	0 orb/1 pix
16		(GRS cmd id 2852)	E303	58115	c01grs_os_temp_a_up_p52_8c.sasf	52.8°C 325.8°K Dn=12881 (0x3251)	0 orb/1 pix
17		(GRS cmd id 2853)	E304	58116	c01grs_mr_temp_a_low_p53c.sasf	53°C 326°K Dn=12808 (0x3208)	0 orb/1 pix
18		(GRS cmd id 2854)	E305	58117	c01grs_mr_temp_a_use_seq_37b.sasf		0 orb/1 pix
19		(GRS cmd id 2083)	E306	58118	c01grs_mr_temp_a_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	0 orb/2 pix
20							
21	02-074/19:46:02	cn0157	C40	3136	c01grs_s36b_os_temp_n78c_1.bfl	Executed at Orbit 304, Pixel 181	
22		(GRS cmd id 2469)	D901	55553	c01grs_is_temp_b_dont_comp.sasf	Terminate the comparison	imm
23		(GRS cmd id 2443)	D902	55554	c01grs_os_temp_a_low_n78_2c.sasf	-78.2°C 194.8°K Dn=2098 (0x832)	imm
24		(GRS cmd id 2398)	D903	55555	c01grs_os_temp_a_up_n78_3c.sasf	-78.3°C 194.7°K Dn=2102 (0x836)	imm
25		(GRS cmd id 2494)	D904	55556	c01grs_op_h_mr_a_low_n89c.sasf	-89°C 184°K Dn=2514 (0x9D2)	imm
26		(GRS cmd id 2491)	D905	55557	c01grs_op_h_mr_a_up_n90c.sasf	-90°C 183°K Dn=2554 (0x9FA)	imm
27		(GRS cmd id 1128)	D906	55558	c01grs_activate_sequence_28b.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	imm
28							
29	n/a	n/a			c00grs_seq_36_b_ann_os_pr_off.bfl	Pre-launch load	
30			D901	55553	c01grs_os_temp_a_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
31			D902	55554	c01grs_os_temp_a_use_seq_35b.sasf		imm
32			D903	55555	c01grs_ann_pwr_o_os_pri_off.sasf		imm