

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
1	03-322/14:33:58	cn0833	C48	3144	c01grs_s44b_open_cool4_3.bfl	Executed at Orbit 143, Pixel 250	
2		(GRS cmd id 2765)	EB01	60161	c01grs_is_temp_b_up_n153c.sasf	-153°C 120°K Dn=5058 (0x13C2)	imm
3		(GRS cmd id 2967)	EB02	60162	c01grs_is_temp_b_use_seq_27b.sasf	Step down the temperature setpoints for the OS heater	imm
4		(GRS cmd id 2497)	EB03	60163	c01grs_os_temp_a_low_n83_2c.sasf	-83.2°C 189.8°K Dn=2303 (0x8FF)	imm
5		(GRS cmd id 2478)	EB04	60164	c01grs_os_temp_a_up_n83_3c.sasf	-83.3°C 189.7°K Dn=2307 (0x903)	imm
6		(GRS cmd id 1041)	EB05	60165	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	imm
7							
8	03-024/16:28:35	cn0602	C48	3144	c01grs_s44b_open_cool4_2.bfl	Executed at Orbit 933, Pixel 175	
9		(GRS cmd id 2469)	EB01	60161	c01grs_is_temp_b_dont_comp.sasf	Terminate the comparison	imm
10		(GRS cmd id 2497)	EB02	60162	c01grs_os_temp_a_low_n83_2c.sasf	-83.2°C 189.8°K Dn=2303 (0x8FF)	imm
11		(GRS cmd id 2478)	EB03	60163	c01grs_os_temp_a_up_n83_3c.sasf	-83.3°C 189.7°K Dn=2307 (0x903)	imm
12		(GRS cmd id 2065)	EB04	60164	c01grs_is_temp_a_oor_a_ct_3.sasf	Requires three consecutive out-of-range values.	imm
13		(GRS cmd id 2801)	EB05	60165	c01grs_is_temp_a_up_n153c.sasf	-153°C 120°K Dn=5059 (0x13C3)	imm
14		(GRS cmd id 2760)	EB06	60166	c01grs_is_temp_a_use_seq_47b.sasf	Execute the autonomous gamma HV ramp sequence	imm
15		(GRS cmd id 2052)	EB07	60167	c01grs_is_temp_a_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	360
16		(GRS cmd id 1041)	EB08	60168	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	380
17							
18	02-129/19:25:51	cn0294	C48	3144	c01grs_s44b_open_cool4_1.bfl	Executed at Orbit 972, Pixel 163	
19		(GRS cmd id 2469)	EB01	60161	c01grs_is_temp_b_dont_comp.sasf	Terminate the comparison	imm
20		(GRS cmd id 2497)	EB02	60162	c01grs_os_temp_a_low_n83_2c.sasf	-83.2°C 189.8°K Dn=2303 (0x8FF)	imm
21		(GRS cmd id 2478)	EB03	60163	c01grs_os_temp_a_up_n83_3c.sasf	-83.3°C 189.7°K Dn=2307 (0x903)	imm
22		(GRS cmd id 1041)	EB04	60164	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	imm
23							
24	n/a	n/a			c00grs_seq_44_b_ann_is_h_off.bfl	Pre-launch load	
25			EB01	60161	c01grs_ann_pwr_o_os_pri_off.sasf		imm
26			EB02	60162	c01grs_ann_pwr_o_os_sec_off.sasf		imm
27			EB03	60163	c01grs_ann_pwr_o_mr_pri_off.sasf		imm
28			EB04	60164	c01grs_ann_pwr_o_mr_sec_off.sasf		imm
29			EB05	60165	c01grs_os_temp_a_dont_comp.sasf		imm
30			EB06	60166	c01grs_os_temp_b_dont_comp.sasf		imm
31			EB07	60167	c01grs_mr_temp_a_dont_comp.sasf		imm
32			EB08	60168	c01grs_mr_temp_b_dont_comp.sasf		imm
33			EB09	60169	c01grs_is_temp_a_use_seq_43b.sasf		imm
34			EB0A	60170	c01grs_is_temp_b_use_seq_43b.sasf		imm
35			EB0B	60171	c01grs_is_temp_a_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
36			EB0C	60172	c01grs_is_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm