

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
1	02-143/15:42:37	cn0336	C33	3123	c01grs_s23b_warm_anneal2_2.bfl	Executed at Orbit <i>xxxx</i> , Pixel <i>xxx</i>	imm
2		(GRS cmd id 2094)	D601	54785	c01grs_mr_temp_a_oor_a_ct_2.sasf	Requires two consecutive out-of-range values.	imm
3		(GRS cmd id 2095)	D602	54786	c01grs_mr_temp_a_low_p45c.sasf	45°C 318°K Dn=13162 (0x336A)	imm
4		(GRS cmd id 2777)	D603	54787	c01grs_mr_temp_a_use_seq_24b.sasf	To start the OS heater control and switch MR heaters	imm
5		(GRS cmd id 2083)	D604	54788	c01grs_mr_temp_a_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	5
6		(GRS cmd id 1041)	D605	54789	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	25
7							
8	02-116/12:53:43	cn0246	C33	3123	c01grs_s23b_warm_anneal2_1.bfl	Executed at Orbit <i>xxxx</i> , Pixel <i>xxx</i>	imm
9		(GRS cmd id 2094)	D601	54785	c01grs_mr_temp_a_oor_a_ct_2.sasf	Requires two consecutive out-of-range values.	imm
10		(GRS cmd id 2088)	D602	54786	c01grs_mr_temp_a_timer2.sasf	Switch to timer 2 for 20-second intervals.	imm
11		(GRS cmd id 2095)	D603	54787	c01grs_mr_temp_a_low_p45c.sasf	45°C 318°K Dn=13162 (0x336A)	imm
12		(GRS cmd id 2777)	D604	54788	c01grs_mr_temp_a_use_seq_24b.sasf	To start the OS heater control and switch MR heaters	imm
13		(GRS cmd id 2083)	D605	54789	c01grs_mr_temp_a_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	5
14		(GRS cmd id 1041)	D606	54790	c01grs_activate_sequence_41a.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	25
15							
16	02-043/03:13:13	cn0116	C33	3123	c01grs_s23b_gam_nom_g46_1.bfl	Executed at Orbit 4, Pixel 7947	imm
17		(GRS cmd id 9046)	D601	54785	c01grs_gam_gain_46.sasf		imm
18		(GRS cmd id 10006)	D602	54786	c01grs_gam_lld_6.sasf		imm
19		(GRS cmd id 11012)	D603	54787	c01grs_gam_l1_12.sasf		imm
20		(GRS cmd id 12007)	D604	54788	c01grs_gam_l2_7.sasf		imm
21		(GRS cmd id 13030)	D605	54789	c01grs_gam_l3_30.sasf		imm
22		(GRS cmd id 14205)	D606	54790	c01grs_gam_uld_205.sasf		imm
23		(GRS cmd id 2011)	D607	54791	c01grs_pulser_combine_on.sasf		imm
24		(GRS cmd id 2511)	D608	54792	c01grs_pulser_bin1_250.sasf		imm
25		(GRS cmd id 2532)	D609	54793	c01grs_pulser_bin2_5900.sasf		imm
26		(GRS cmd id 2552)	D60A	54794	c01grs_pulser_bin3_15925.sasf		imm
27		(GRS cmd id 1010)	D60B	54795	c01grs_activate_sequence_10a.sasf	GRS cycle through all gamma digital housekeeping	20
28		(GRS cmd id 2012)	D60C	54796	c01grs_pulser_combine_off.sasf		120
29		(GRS cmd id 1010)	D60D	54797	c01grs_activate_sequence_10a.sasf	GRS cycle through all gamma digital housekeeping	140
30		(GRS cmd id 1128)	D60E	54798	c01grs_activate_sequence_28b.sasf	Dumps fpga_a, fpga_b, analog, parameter, and data counts	160
31							
32	n/a	n/a			c00grs_seq_23_b_gamma_2_nom.bfl	Pre-launch load	imm
33			D501	54529	c01grs_gam_gain_41.sasf		imm
34			D502	54530	c01grs_gam_lld_6.sasf		imm
35			D503	54531	c01grs_gam_l1_13.sasf		imm
36			D504	54532	c01grs_gam_l2_20.sasf		imm
37			D505	54533	c01grs_gam_l3_30.sasf		imm
38			D506	54534	c01grs_gam_uld_205.sasf		imm
39			D507	54535	c01grs_pulser_all_on.sasf		imm
40			D508	54536	c01grs_pulser_trans_enable.sasf		imm
41			D509	54537	c01grs_pulser_combine_on.sasf		imm
42			D50A	54538	set pulser bin BIN1 to 0		imm
43			D50B	54539	set pulser bin BIN2 to 3700		imm
44			D50C	54540	set pulser bin BIN3 to 10400		imm
45			D50D	54541	c01grs_activate_sequence_10a.sasf		imm