

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
1	03-345/16:17:11	cn0870	C3E	3134	c01grs_s34b_os_s_a_dhtr_on_4.bfl	Executed at Orbit 422, Pixel 335	imm
2		(GRS cmd id tbd)	DE01	56833	c01grs_ceb_timer0_500_msec.sasf	Counterintuitive - sets up timer for next cycle	imm
3		(GRS cmd id 2444)	DE02	56834	c01grs_ceb_a_sp2_use_seq_32b.sasf	Sequence 32b turns off OS Secondary heater	imm
4		(GRS cmd id 1305)	DE03	56835	c01grs_ann_pwr_o_os_sec_off.sasf		imm
5		(GRS cmd id 2401)	DE04	56836	c01grs_ceb_a_sp2_comp_less.sasf	Instrument 64 will power on (31b) and off (32b)	imm
6		(GRS cmd id tbd)	DE02	56834	c01grs_os_temp_a_use_seq_33b.sasf	Turns CEB heater off	imm
7		(GRS cmd id 2350)	DE03	56835	c01grs_os_temp_a_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
8							
9	03-336/14:29:59	cn0853	C3E	3134	c01grs_s34b_os_s_a_dhtr_on_3.bfl	Executed at Orbit 312, Pixel 262	imm
10		(GRS cmd id tbd)	DE01	56833	c01grs_ceb_timer0_2500_msec.sasf	Counterintuitive - sets up timer for next cycle	imm
11		(GRS cmd id 2444)	DE02	56834	c01grs_ceb_a_sp2_use_seq_32b.sasf	Sequence 32b turns off OS Secondary heater	imm
12		(GRS cmd id 1305)	DE03	56835	c01grs_ann_pwr_o_os_sec_off.sasf		imm
13		(GRS cmd id 2401)	DE04	56836	c01grs_ceb_a_sp2_comp_less.sasf	Instrument 64 will power on (31b) and off (32b)	imm
14		(GRS cmd id tbd)	DE02	56834	c01grs_os_temp_a_use_seq_33b.sasf	Turns CEB heater off	imm
15		(GRS cmd id 2350)	DE03	56835	c01grs_os_temp_a_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
16							
17	03-160/18:17:15	cn0731	C3E	3134	c01grs_s34b_os_s_a_dhtr_on_2.bfl	Executed at Orbit 2586, Pixel 172	imm
18		(GRS cmd id tbd)	DE01	56833	c01grs_ceb_timer0_250_msec.sasf	Counterintuitive - sets up timer for next cycle	imm
19		(GRS cmd id 2444)	DE02	56834	c01grs_ceb_a_sp2_use_seq_32b.sasf	Sequence 32b turns off OS Secondary heater	imm
20		(GRS cmd id 1305)	DE03	56835	c01grs_ann_pwr_o_os_sec_off.sasf		imm
21		(GRS cmd id 2401)	DE04	56836	c01grs_ceb_a_sp2_comp_less.sasf	Instrument 64 will power on (31b) and off (32b)	imm
22		(GRS cmd id tbd)	DE02	56834	c01grs_os_temp_a_use_seq_33b.sasf	Turns CEB heater off	imm
23		(GRS cmd id 2350)	DE03	56835	c01grs_os_temp_a_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
24							
25	02-339/16:46:18	cn0569	C3E	3134	c01grs_s34b_os_s_a_dhtr_on_1.bfl	Executed at Orbit 326, Pixel 81	imm
26		(GRS cmd id 1131)	E101	57601	c01grs_activate_sequence_31b.sasf	Will start the duty cycle control of the CEB heater	imm
27		(GRS cmd id tbd)	E102	57602	c01grs_os_temp_a_use_seq_33b.sasf	Turns CEB heater off	imm
28		(GRS cmd id 2350)	E103	57603	c01grs_os_temp_a_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
29							
30	02-172/15:08:55	cn0386	C3E	3134	c01grs_s34b_ceb_htr_on_1.bfl	Executed at Orbit 1466, Pixel 238	imm
31		(GRS cmd id 1131)	E101	57601	c01grs_activate_sequence_31b.sasf	Will start the duty cycle control of the CEB heater	imm
32		(GRS cmd id tbd)	E102	57602	c01grs_ceb_hvbs_use_seq_33b.sasf	Turns CEB heater off	imm
33		(GRS cmd id tbd)	E103	57603	c01grs_ceb_hvbs_comp_less.sasf	Counterintuitive - compares Dn value (Dn decreases as T increases)	imm
34							
35	02-162/14:31:30	cn0371	C3E	3134	c01grs_s34b_ceb_htr_off_3.bfl	Executed at Orbit 1344, Pixel 310	imm
36		(GRS cmd id 1327)	E101	57601	c01grs_ceb_heater_off.sasf		imm
37		(GRS cmd id tbd)	E102	57602	c01grs_ceb_vref_use_seq_33b.sasf	Turns CEB heater on	imm
38		(GRS cmd id tbd)	E103	57603	c01grs_ceb_vref_comp_less.sasf	Not Counterintuitive - compares Dn value (Dn decreases as T decreases)	imm
39							
40	02-102/19:17:45	cn0200	C3E	3134	c01grs_s34b_ceb_htr_off_2.bfl	Executed at Orbit xxxx , Pixel xxx	imm
41		(GRS cmd id 1327)	E101	57601	c01grs_ceb_heater_off.sasf		imm
42		(GRS cmd id 2717)	E102	57602	c01grs_ceb_ps2_use_seq_33b.sasf	Turns CEB heater on	imm
43		(GRS cmd id 2702)	E103	57603	c01grs_ceb_ps2_comp_less.sasf	Not Counterintuitive - compares Dn value (Dn decreases as T decreases)	imm
44							
45	02-098/19:51:03	cn0187	C3E	3134	c01grs_s34b_ceb_htr_off_1.bfl	Executed at Orbit xxxx , Pixel xxx	imm
46		(GRS cmd id 2400)	E101	57601	c01grs_ceb_a_sp2_dont_comp.sasf	Stop comparison for duty cycle control of CEB heater	imm
47		(GRS cmd id 1327)	E102	57602	c01grs_ceb_heater_off.sasf		imm
48		(GRS cmd id 2717)	E103	57603	c01grs_ceb_ps2_use_seq_33b.sasf	Turns CEB heater on	imm
49		(GRS cmd id 2702)	E104	57604	c01grs_ceb_ps2_comp_less.sasf	Not Counterintuitive - compares Dn value (Dn decreases as T decreases)	imm
50		(GRS cmd id 1472)	E104	57604	c01grs_ceb_timer0_1000_msec.sasf	Counterintuitive - sets up timer for next cycle	imm
51							
52	n/a	n/a			c00grs_seq_34_b_ceb_htr_off.bfl	Pre-launch load	imm
53		(GRS cmd id tbd)	E101	57601	c01grs_ceb_a_sp1_dont_comp.sasf		imm
54		(GRS cmd id tbd)	E102	57602	c01grs_ceb_timer0_5000_msec.sasf		imm
55		(GRS cmd id tbd)	E103	57603	c01grs_ceb_heater_off.sasf		imm