

Line #	Spacecraft DATE/TIME	S/C Cmd #	HEX ID#	DEC ID #	GRS Deployed Mapping Activities Run Commands	Notes	Cumulative Seconds
1	02-344/15:19:45	cn0574	C3A	3130	<a href="#">c01grs_s30b_os_s_a_duty_stop1.bfl</a>	Executed at Orbit 386, Pixel 85	
2		(GRS cmd id 2027)	DD01	56577	<a href="#">c01grs_os_temp_b_dont_comp.sasf</a>	Stop comparison for duty cycle control of OS secondary heater	imm
3		(GRS cmd id 2400)	DD02	56578	<a href="#">c01grs_ceb_a_sp2_dont_comp.sasf</a>	Stop comparison for duty cycle control of OS secondary heater	imm
4		(GRS cmd id 2349)	DD03	56579	<a href="#">c01grs_os_temp_a_dont_comp.sasf</a>	Stop comparison for duty cycle control of OS secondary heater	imm
5		(GRS cmd id 1305)	DD04	56580	<a href="#">c01grs_ann_pwr_o_os_sec_off.sasf</a>		imm
6		(GRS cmd id 2400)	DD05	56581	<a href="#">c01grs_ceb_a_sp2_dont_comp.sasf</a>	Stop comparison for duty cycle control of OS secondary heater	0 orb/1 pix
7		(GRS cmd id 2349)	DD06	56582	<a href="#">c01grs_os_temp_a_dont_comp.sasf</a>	Stop comparison for duty cycle control of OS secondary heater	0 orb/1 pix
8		(GRS cmd id 1305)	DD07	56583	<a href="#">c01grs_ann_pwr_o_os_sec_off.sasf</a>		0 orb/1 pix
9		(GRS cmd id 1045)	DD08	56584	<a href="#">c01grs_activate_sequence_45a.sasf</a>	Start OS secondary heater control using OS-A sensor (turns heater off)	0 orb/2 pix
10							
11	02-198/16:13:10	cn0415			<a href="#">c01grs_delete_sequences_2.bcf</a>		imm
12			C&C	3180	<a href="#">c01grs_delete_s30b_1.sasf</a>		imm
13							
14	02-144/17:08:20	cn0351	C3A	3130	<a href="#">c01grs_s30b_boom_deploy_2.bfl</a>	Executed at Orbit 1153, Pixel 186	imm
15		(GRS cmd id 2027)	DD01	56577	<a href="#">c01grs_os_temp_b_dont_comp.sasf</a>	Stops comparison	0 orb/0 pix
16		(GRS cmd id tbd)	DD02	56578	<a href="#">c01grs_mr_temp_b_low_p25_0c.sasf</a>	25°C 298°K Dn=14117 (0x3725)	0 orb/1 pix
17		(GRS cmd id tbd)	DD03	56579	<a href="#">c01grs_mr_temp_b_up_p24_0c.sasf</a>	24°C 297°K Dn=14160 (0x3750)	0 orb/1 pix
18		(GRS cmd id 2844)	DD04	56580	<a href="#">c01grs_is_temp_b_up_p23c.sasf</a>	23°C 296°K Dn=14167 (0x3757)	0 orb/1 pix
19		(GRS cmd id 2473)	DD05	56581	<a href="#">c01grs_is_temp_b_use_seq_35b.sasf</a>		0 orb/1 pix
20		(GRS cmd id 2471)	DD06	56582	<a href="#">c01grs_is_temp_b_comp_great.sasf</a>	Counterintuitive - compares Dn value (Dn decreases as T increases)	0 orb/2 pix
21							
22	02-129/19:17:29	cn0287	C3A	3130	<a href="#">c01grs_s30b_boom_deploy_1.bfl</a>	Executed at Orbit 972, Pixel 137	imm
23		(GRS cmd id 2027)	DD01	56577	<a href="#">c01grs_os_temp_b_dont_comp.sasf</a>	Stops comparison	0 orb/0 pix
24		(GRS cmd id 2842)	DD02	56578	<a href="#">c01grs_mr_temp_b_low_p23c.sasf</a>	23°C 296°K Dn=14204 (0x377C)	0 orb/1 pix
25		(GRS cmd id 2843)	DD03	56579	<a href="#">c01grs_mr_temp_b_up_p22c.sasf</a>	22°C 295°K Dn=14247 (0x37A7)	0 orb/1 pix
26		(GRS cmd id 2844)	DD04	56580	<a href="#">c01grs_is_temp_b_up_p23c.sasf</a>	23°C 296°K Dn=14167 (0x3757)	0 orb/1 pix
27		(GRS cmd id 2473)	DD05	56581	<a href="#">c01grs_is_temp_b_use_seq_35b.sasf</a>		0 orb/1 pix
28		(GRS cmd id 2471)	DD06	56582	<a href="#">c01grs_is_temp_b_comp_great.sasf</a>	Counterintuitive - compares Dn value (Dn decreases as T increases)	0 orb/2 pix
29							
30	02-064/19:32:28	cn0143	C3A	3130	<a href="#">c01grs_s30b_anneal_os_ctrl_1.bfl</a>	Executed at Orbit 182, Pixel 323	imm
31		(GRS cmd id 2082)	DD01	56577	<a href="#">c01grs_mr_temp_a_dont_comp.sasf</a>	Terminate the comparison	imm
32		(GRS cmd id 1309)	DD02	56578	<a href="#">c01grs_ann_pwr_o_mr_sec_off.sasf</a>		imm
33		(GRS cmd id 1324)	DD03	56579	<a href="#">c01grs_op_heater_on.sasf</a>		imm
34		(GRS cmd id 2357)	DD04	56580	<a href="#">c01grs_os_temp_a_oor_a_ct_2.sasf</a>	Requires two consecutive out-of-range values.	imm
35		(GRS cmd id 2412)	DD05	56581	<a href="#">c01grs_os_temp_a_low_p65c.sasf</a>	65°C 338°K Dn=12342 (0x3036)	imm
36		(GRS cmd id 2411)	DD06	56582	<a href="#">c01grs_os_temp_a_up_p63c.sasf</a>	63°C 336°K Dn=12431 (0x308F)	imm
37		(GRS cmd id 1149)	DD07	56583	<a href="#">c01grs_activate_sequence_49b.sasf</a>	Start heater control (turns OS secondary heater on)	5
38		(GRS cmd id 1143)	DD08	56584	<a href="#">c01grs_activate_sequence_43b.sasf</a>	Start GPA warm temperature check	65
39							
40	n/a	n/a			<a href="#">c00grs_seq_30_b_hend_nominal.bfl</a>	Pre-launch load	imm
41		(GRS cmd id 1601)	C601	50689	<a href="#">c01grs_hend_collect_on.sasf</a>		imm
42		(GRS cmd id 1609)	C602	50690	<a href="#">c01grs_hend_status_reg_d_on.sasf</a>		imm
43		(GRS cmd id 1611)	C603	50691	<a href="#">c01grs_hend_logic_or_any.sasf</a>		0 orb/1 pix
44		(GRS cmd id 1627)	C604	50692	<a href="#">c01grs_hend_lev_1_allow_08.sasf</a>		0 orb/2 pix
45		(GRS cmd id 1651)	C605	50693	<a href="#">c01grs_hend_lev_2_allow_032.sasf</a>		0 orb/3 pix