

Line	Spacecraft	S/C	HEX	DEC	GRS Deployed Mapping Activities	Notes	Cumulative
#	DATE/TIME	Cmd #	ID#	ID #	Run Commands		Seconds
1	02-316/19:46:34	cn0529	####	3102	c01grs s02b safe recover 2.bfl	Executed at Orbit 47, Pixel 117	
2		(GRS cmd id 2438)	####	49409	c01grs_op_h_mr_a_low_n77c.sasf	#NAME?	imm
3		(GRS cmd id 2428)	####	49410	c01grs_op_h_mr_a_up_n78c.sasf	#NAME?	imm
4		(GRS cmd id 2488)	####	49411	c01grs_op_h_mr_a_oor_a_ct_2.sasf	Requires two consecutive out-of-range values	imm
5		(GRS cmd id 1301)	####	49412	c01grs_ann_pwr_override.sasf		imm
6		(GRS cmd id 2371)	####	49413	c01grs_os_temp_a_low_n63_2c.sasf	#NAME?	imm
7		(GRS cmd id 2376)	####	49414	c01grs_os_temp_a_up_n63_3c.sasf	#NAME?	imm
8		(GRS cmd id 1023)	####	49415	c01grs_activate_sequence_23a.sasf	Start Op heater control using MR-A sensor (turns heater off)	0 orb/1 pix
9		(GRS cmd id 1045)	####	49416	c01grs_activate_sequence_45a.sasf	Start OS heater control using OS-A sensor (turns heater off)	0 orb/1 pix
10		(GRS cmd id 2468)	####	49417	c01grs_is_temp_b_oor_a_ct_3.sasf	Requires three consecutive out-of-range values.	0 orb/2 pix
11		(GRS cmd id 2485)	####	49418	c01grs_is_temp_b_up_n128c.sasf	#NAME?	0 orb/2 pix
12		(GRS cmd id 2773)	####	49419	c01grs_is_temp_b_use_seq_41b.sasf	Step down the temperature setpoints for the OS heater	0 orb/2 pix
13		(GRS cmd id 2471)	####	49420	c01grs_is_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increa	0 orb/3 pix
14							
15	02-276/15:11:29	cn0487	####	3102	c01grs s02b safe recover 1.bfl	Executed at Orbit 2730, Pixel 031	
16		(GRS cmd id 1457)	####	49409	c01grs_ceb_timer2_020_sec.sasf	Set timer2 to 20-second intervals	imm
17		(GRS cmd id 2494)	####	49410	c01grs_op_h_mr_a_low_n89c.sasf	#NAME?	imm
18		(GRS cmd id 2491)	####	49411	c01grs_op_h_mr_a_up_n90c.sasf	#NAME?	imm
19		(GRS cmd id 2488)	####	49412	c01grs_op_h_mr_a_oor_a_ct_2.sasf	Requires two consecutive out-of-range values	imm
20		(GRS cmd id 2088)	####	49413	c01grs_mr_temp_a_timer2.sasf	Switch to timer 2 (20-second intervals)	imm
21		(GRS cmd id 1301)	####	49414	c01grs_ann_pwr_override.sasf		imm
22		(GRS cmd id 2358)	####	49415	c01grs_os_temp_a_oor_a_ct_0.sasf	Requires no consecutive out-of-range values.	imm
23		(GRS cmd id 2056)	####	49416	c01grs_os_temp_a_timer2.sasf	Switch to timer 2 (20-second intervals)	imm
24		(GRS cmd id 2755)	####	49417	c01grs_os_temp_a_lo_n105_00c.sasf	#NAME?	imm
25		(GRS cmd id 2756)	####	49418	c01grs_os_temp_a_up_n110_00c.sasf	#NAME?	imm
26		(GRS cmd id 1023)	####	49419	c01grs_activate_sequence_23a.sasf	Start Op heater control using MR-A sensor (turns heater off)	0 orb/1 pix
27		(GRS cmd id 1045)	####	49420	c01grs_activate_sequence_45a.sasf	Start OS heater control using OS-A sensor (turns heater off)	0 orb/1 pix
28							
29	02-197/17:13:28	cn0414			c01grs delete sequences 1.bcf		
30	Orbit 1771, Pixel 148	7/16 10:57	####	3152	c01grs_delete_s02b_1.sasf		imm
31							
32	02-144/17:19:31	cn0345	####	3102	c01grs s02b boom deploy 3.bfl	Executed at Orbit 1153, Pixel 220	imm
33					At a delayed time (time relative commands):		
34		(GRS cmd id 2027)	####	49409	c01grs_os_temp_b_dont_comp.sasf	Stops comparison	14400
35		(GRS cmd id 2469)	####	49410	c01grs_is_temp_b_dont_comp.sasf	Stops comparison	14400
36		(GRS cmd id 2082)	####	49411	c01grs_mr_temp_a_dont_comp.sasf	Stops comparison	14400
37		(GRS cmd id 1325)	####	49412	c01grs_op_heater_off.sasf		14405
38		(GRS cmd id tbd)	####	49413	c01grs_mr_temp_b_low_p40_0c.sasf	#NAME?	14405
39		(GRS cmd id tbd)	####	49414	c01grs_mr_temp_b_up_p39_0c.sasf	#NAME?	14405
40		(GRS cmd id tbd)	####	49415	c01grs_os_temp_a_low_p25_0c.sasf	#NAME?	14405
41		(GRS cmd id tbd)	####	49416	c01grs_os_temp_a_up_p24_8c.sasf	#NAME?	14405
42		(GRS cmd id tbd)	####	49417	c01grs_os_temp_b_up_p40_0c.sasf	#NAME?	14405
43		(GRS cmd id 2898)	####	49418	c01grs_os_temp_b_use_seq_39b.sasf	To lower the MR set point based on the OS temperature	14405
44		(GRS cmd id 2029)	####	49419	c01grs_os_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increa	14410
45							
46	02-135/20:35:36	cn0324	####	3102	c01grs s02b boom deploy 2.bfl	Executed at Orbit xxxx, Pixel xxx	imm
47					At a delayed time (time relative commands):		
48		(GRS cmd id 2027)	####	49409	c01grs_os_temp_b_dont_comp.sasf	Stops comparison	7200
49		(GRS cmd id 2469)	####	49410	c01grs_is_temp_b_dont_comp.sasf	Stops comparison	7200
50		(GRS cmd id 2082)	####	49411	c01grs_mr_temp_a_dont_comp.sasf	Stops comparison	7200
51		(GRS cmd id 1325)	####	49412	c01grs_op_heater_off.sasf		7205
52		(GRS cmd id 2893)	####	49413	c01grs_mr_temp_b_low_p35c.sasf	#NAME?	7205
53		(GRS cmd id 2894)	####	49414	c01grs_mr_temp_b_up_p34c.sasf	#NAME?	7205
54		(GRS cmd id 2895)	####	49415	c01grs_os_temp_a_low_p23_0c.sasf	#NAME?	7205

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#	DATE/TIME	Cmd #	ID#	ID #	Run Commands	Notes	Seconds
55		(GRS cmd id 2896)	#####	49416	c01grs_os_temp_a_up_p22_8c.sasf	#NAME?	7205
56		(GRS cmd id 2897)	#####	49417	c01grs_os_temp_b_up_p35c.sasf	#NAME?	7205
57		(GRS cmd id 2898)	#####	49418	c01grs_os_temp_b_use_seq_39b.sasf	To lower the MR set point based on the OS temperature	7205
58		(GRS cmd id 2029)	#####	49419	c01grs_os_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increa	7210
59							
60	02-129/18:54:28	cn0276	#####	3102	c01grs_s02b_boom_deploy_1.bfl	Executed at Orbit 972, Pixel 68	imm
61		(GRS cmd id)			At a delayed time (time relative commands):		
62		(GRS cmd id 1325)	#####	49409	c01grs_op_heater_off.sasf		7200
63		(GRS cmd id 2893)	#####	49410	c01grs_mr_temp_b_low_p35c.sasf	#NAME?	7200
64		(GRS cmd id 2894)	#####	49411	c01grs_mr_temp_b_up_p34c.sasf	#NAME?	7200
65		(GRS cmd id 2895)	#####	49412	c01grs_os_temp_a_low_p23_0c.sasf	#NAME?	7200
66		(GRS cmd id 2896)	#####	49413	c01grs_os_temp_a_up_p22_8c.sasf	#NAME?	7200
67		(GRS cmd id 2897)	#####	49414	c01grs_os_temp_b_up_p35c.sasf	#NAME?	7200
68		(GRS cmd id 2898)	#####	49415	c01grs_os_temp_b_use_seq_39b.sasf	To lower the MR set point based on the OS temperature	7200
69		(GRS cmd id 2029)	#####	49416	c01grs_os_temp_b_comp_great.sasf	Counterintuitive - compares Dn value (Dn decreases as T increa	7205
70							
71	02-088/19:55:05	cn0176	#####	3102	c01grs_s02b_noop.bfl	Executed at Orbit 474, Pixel 230	imm
72		(GRS cmd id 1454)	#####	49409	c02grs_noop.sasf		imm