

| Line # | Spacecraft DATE/TIME | S/C Cmd #                         | HEX ID# | DEC ID # | GRS Deployed Mapping Activities Run Commands      | Notes  | Cumulative Seconds |
|--------|----------------------|-----------------------------------|---------|----------|---|--|--------------------|
| 1      | 02-129/19:28:37      | cn0307                            | C45     | 3141     | <a href="#">c01grs_s41b_open_cool1_1.bfl</a>      | Executed at Orbit 972, Pixel 171                                   | imm                |
| 2      |                      | <a href="#">(GRS cmd id 1245)</a> | E801    | 59393    | <a href="#">c01grs_cob_alt_curr_timer3.sasf</a>   |  | imm                |
| 3      |                      | <a href="#">(GRS cmd id 2463)</a> | E802    | 59394    | <a href="#">c01grs_is_temp_b_up_n133c.sasf</a>    | -133°C 140°K Dn=4290 (0x10C2)                                      | imm                |
| 4      |                      | <a href="#">(GRS cmd id 2768)</a> | E803    | 59395    | <a href="#">c01grs_is_temp_b_use_seq_42b.sasf</a> | Step down the temperature setpoints for the OS heater              | imm                |
| 5      |                      | <a href="#">(GRS cmd id 2344)</a> | E804    | 59396    | <a href="#">c01grs_os_temp_a_low_n68_2c.sasf</a>  | -68.2°C 204.8°K Dn=1687 (0x697)                                    | imm                |
| 6      |                      | <a href="#">(GRS cmd id 2345)</a> | E805    | 59397    | <a href="#">c01grs_os_temp_a_up_n68_3c.sasf</a>   | -68.3°C 204.7°K Dn=1691 (0x69B)                                    | imm                |
| 7      |                      | <a href="#">(GRS cmd id 2439)</a> | E806    | 59398    | <a href="#">c01grs_op_h_mr_a_low_n82c.sasf</a>    | -82°C 191°K Dn=2229 (0x8B5)  | imm                |
| 8      |                      | <a href="#">(GRS cmd id 2429)</a> | E807    | 59399    | <a href="#">c01grs_op_h_mr_a_up_n83c.sasf</a>     | -83°C 190°K Dn=2269 (0x8DD)  | imm                |
| 9      |                      | <a href="#">(GRS cmd id 1041)</a> | E808    | 59400    | <a href="#">c01grs_activate_sequence_41a.sasf</a> | Dumps fpga_a, fpga_b, analog, parameter, and data counts           | imm                |
| 10     |                      |                                   |         |          |   |  |                    |
| 11     | n/a                  | n/a                               |         |          | <a href="#">c00grs_seq_41_b_ann_mr_se_on.bfl</a>  | Pre-launch load  | imm                |
| 12     |                      |                                   | E801    | 59393    | <a href="#">c01grs_mr_temp_b_comp_less.sasf</a>   | Counterintuitive - compares Dn value (Dn decreases as T increases) | imm                |
| 13     |                      |                                   | E802    | 59394    | <a href="#">c01grs_mr_temp_b_use_seq_42b.sasf</a> |  | imm                |
| 14     |                      |                                   | E803    | 59395    | <a href="#">c01grs_ann_pwr_o_mr_sec_on.sasf</a>   |  | imm                |