

| Line # | Spacecraft DATE/TIME | S/C Cmd #         | HEX ID# | DEC ID # | GRS Deployed Mapping Activities Run Commands       | Notes  | Cumulative Seconds |
|--------|----------------------|-------------------|---------|----------|--|--|--------------------|
| 1      | 02-249/15:19:00      | cn0457            | C49     | 3145     | <a href="#">c01grs_s45b_os_s_a_ctrl_off_1.bfl</a>  | Executed at Orbit 2402, Pixel 55                                   |                    |
| 2      |                      | (GRS cmd id tbd)  | EC01    | 60417    | write to hardware register (0x100002 PCON, 0x4200) | Turns off OS secondary heater, turns on Op and GPA3 heaters        | imm                |
| 3      |                      | (GRS cmd id tbd)  | EC02    | 60418    | c01grs_os_temp_a_use_seq_46b.sasf                  | Activates sequence to compare less than.                           | imm                |
| 4      |                      | (GRS cmd id 2351) | EC03    | 60419    | c01grs_os_temp_a_comp_great.sasf                   | Counterintuitive - compares Dn value (Dn decreases as T increases) | imm                |
| 5      |                      |                   |         |          |  |  |                    |
| 6      | 02-198/16:13:10      | cn0415            |         |          | <a href="#">c01grs_delete_sequences_2.bcf</a>      |  | imm                |
| 7      |                      |                   | C7B     | 3195     | c01grs_delete_s45b_1.sasf                          |  | imm                |
| 8      |                      |                   |         |          |  |  |                    |
| 9      | 01-164/09:46:21      | i9406001          | C49     | 3145     | <a href="#">c01grs_seq_45_b_mr_ph_on_mrb.bfl</a>   | Load sequence 45b to EEPROM.                                       | imm                |
| 10     |                      |                   |         |          | Load sequence 45b to EEPROM:                       |  |                    |
| 11     |                      |                   | EC01    | 60417    | c01grs_mr_temp_b_comp_less.sasf                    | Counterintuitive - compares Dn value (Dn decreases as T increases) | imm                |
| 12     |                      |                   | EC02    | 60418    | c01grs_use_sequence_46b.sasf                       | Activates sequence to compare greater than.                        | imm                |
| 13     |                      |                   | EC03    | 60419    | c01grs_ann_pwr_o_mr_pri_on.sasf                    | Turns mounting ring primary heater on.                             | imm                |