**S07 Probe Release/Relay Commands with Instrument Impacts**

S07 BG sequence /Probe Release mini-sequence / Post-Probe release RTCs / Probe Relay mini-sequence

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| **Event Time** | **Event** | **Comments** |
| 2004-356T05:11:00 | CAPS to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:12:05 | CDA to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:13:08 | CIRS to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:13:15 | CDA muted for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:14:00 | INMS to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:15:00 | ISS NAC to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:15:30 | ISS WAC to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:17:00 | MIMI to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:19:00 | RPWS to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:21:00 | UVIS to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:21:10 | UVIS muted for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:22:00 | VIMS to sleep mode for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:23:00 | RSP heater on for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:24:00 | VIMS/INMS/ISS NAC/CAPS/RPWS/MAG muted for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:24:01 | MIMI/ISS WAC muted for Probe MTU loading | z0071h BG sequence |
| 2004-356T05:24:08 | CIRS muted for Probe MTU loading | z0071h BG sequence |
| 2004-356T08:35:59 | MAG unmuted after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:36:00 | ISS NAC/CAPS/CIRS/RPWS/VIMS/INMS unmuted after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:36:01 | ISS WAC/MIMI unmuted after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:38:05 | CDA unmuted after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:39:30 | CIRS to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:40:00 | INMS to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:41:30 | ISS NAC to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:41:30 | RSP heater off after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:42:30 | ISS WAC to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:43:00 | MIMI to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:45:00 | RPWS to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:47:00 | UVIS unmuted after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:47:23 | UVIS to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T08:47:30 | VIMS to active mode after Probe MTU loading | z0071h BG sequence |
| 2004-356T09:55:29 | RPWS cyclic halt following MTU loading | RTC |
| 2004-359T19:10:08 | CIRS to sleep mode for Probe Release | z0071h BG sequence |
| 2004-359T19:14:00 | INMS to sleep mode for Probe Release | z0071h BG sequence |
| 2004-356T19:15:00 | ISS NAC to sleep mode for Probe Release | z0071h BG sequence |
| 2004-356T19:16:00 | ISS WAC to sleep mode for Probe Release | z0071h BG sequence |
| 2004-359T19:21:03 | UVIS to sleep mode for Probe Release | z0071h BG sequence |
| 2004-359T19:22:00 | VIMS to sleep mode for Probe Release | z0071h BG sequence |
| 2004-359T19:23:00 | RSP heater on for Probe Release | z0071h BG sequence |
| 2004-360T00:00:06 | RWA to RCS mode transition start | Probe Release MINSEQ |
| 2004-360T00:00:16 | RWA rates set to zero | Probe Release MINSEQ |
| 2004-360T00:20:16 | RWA power off | Probe Release MINSEQ |
| 2004-360T01:56:46 | Probe Release pyro fire | Probe Release MINSEQ |
| 2004-360T01:56:48 | Probe Release pyro fire | Probe Release MINSEQ |
| 2004-360T05:27:36 | CIRS/UVIS to active mode after Probe Release | n0076e MINSEQ |
| 2004-360T05:27:36 | RSP heater off after Probe Release | n0076e MINSEQ |
| 2004-360T05:27:46 | INMS to active mode after Probe Release | n0076e MINSEQ |
| 2004-360T05:28:06 | VIMS to active mode after Probe Release | n0076e MINSEQ |
| 2004-360T05:28:07 | ISS NAC to active mode after Probe Release | n0076e MINSEQ |
| 2004-360T05:29:07 | ISS WAC to active mode after Probe Release | n0076e MINSEQ |
| 2005-006T11:35:10 | CIRS powered off for Probe Relay | z0071h BG sequence |
| 2005-006T11:36:20 | INMS powered off for Probe Relay | z0071h BG sequence |
| 2005-006T11:37:04 | ISS NAC & WAC powered off for Probe Relay | z0071h BG sequence |
| 2005-006T11:41:00 | RPWS powered off for Probe Relay | z0071h BG sequence |
| 2005-006T11:41:07 | CDA powered off for Probe Relay | z0071h BG sequence |
| 2005-006T11:42:55 | MIMI powered off for Probe Relay | z0071h BG sequence |
| 2005-006T11:43:04 | UVIS powered off for Probe Relay | z0071h BG sequence |
| 2005-006T11:43:59 | VIMS to sleep mode for Probe Relay | z0071h BG sequence |
| 2005-006T11:45:00 | RSP heater powered on for Probe Relay | z0071h BG sequence |
| 2005-006T11:45:28 | MAG muted for Probe Relay | z0071h BG sequence |
| 2005-006T11:46:00 | VIMS muted for Probe Relay | z0071h BG sequence |
| 2005-006T11:48:04 | CAPS powered off for Probe Relay | z0071h BG sequence |
| 2005-015T08:24:00 | MIMI powered on after Probe Relay (OWLT 01:07:07) | n0075f SEQ |
| 2005-015T08:34:00 | ISS NAC powered on after Probe Relay | n0075f SEQ |
| 2005-015T08:43:29 | ISS WAC powered on after Probe Relay | n0075f SEQ |
| 2005-015T08:55:00 | RSP heater powered off after Probe Relay | n0075f SEQ |
| 2005-015T08:59:00 | CDA powered on after Probe Relay | n0075f SEQ |
| 2005-015T09:14:00 | VIMS unmuted after Probe Relay | n0075f SEQ |
| 2005-015T09:15:00 | VIMS in active mode after Probe Relay | n0075f SEQ |
| 2005-015T09:19:00 | INMS powered on after Probe Relay | n0075f SEQ |
| 2005-015T09:29:00 | RPWS powered on after Probe Relay | n0075f SEQ |
| 2005-015T09:34:00 | MAG unmuted after Probe Relay | n0075f SEQ |
| 2005-015T09:39:00 | UVIS powered on after Probe Relay | n0075f SEQ |
| 2005-015T09:49:00 | CIRS powered on after Probe Relay | n0075f SEQ |
| 2005-015T17:22:34 | CAPS powered on after Probe Relay | n0077g SEQ |

Instruments in sleep mode for probe release – z0071h

360/00:00:06 – 7HOME, NO\_CHANGE, RCS

360/00:00:16 – 7RWA\_RATE, RWA\_PRIME, 0

360/00:20:16 – 7POWER, RWA\_PRIME, OFF

360/01:56:46 – 4EVENT\_ENABLE, GRP22

360/01:56:48 – 4EVENT\_ENABLE, GRP22

Instrument wakeup after probe release – n0076e (REL timed)

Instrument wakeup after PRLY – n0075f (REL timed)