

S07 Probe Release/Relay Commands with Instrument Impacts

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

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)