**S02 SOI Commands with Instrument Impacts**

S02 BG sequence / SOI mini-sequence

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| **Event Time** | **Event** | **Comments** |
| 2004-173T22:33:53 | CDA power off | s3183a IDAP |
| 2004-173T23:54:10 | INMS reset and FSW patch | z0020g BG sequence |
| 2004-174T14:15:01 | CDA power on | s3184a MINSEQ |
| 2004-174T14:27:22 | CDA articulation for needed post TCM22 position | s3184a MINSEQ |
| 2004-174T15:07:22 | CDA power off for SOI | s3184a MINSEQ |
| 2004-174T21:00:00 | RWA to RCS transition – RWA power off | z0020g BG sequence |
| 2004-174T23:01:04 | MAG configure for SOI science | z0020g BG sequence |
| 2004-174T23:40:00 | UVIS to sleep for SOI | z0020g BG sequence |
| 2004-174T23:45:00 | ISS NAC to sleep for SOI | z0020g BG sequence |
| 2004-174T23:46:00 | ISS WAC to sleep for SOI | z0020g BG sequence |
| 2004-174T23:52:00 | VIMS to sleep for SOI | z0020g BG sequence |
| 2004-174T23:53:01 | RSP heater on for SOI | z0020g BG sequence |
| 2004-174T23:59:23 | CIRS to sleep for SOI | z0020g BG sequence |
| 2004-174T23:59:50 | INMS power off for SOI | z0020g BG sequence |
| 2004-174T23:59:59 | MIMI in quiet mode for SOI | z0020g BG sequence |
| 2004-175T00:00:00 | SOI sequence activated – SOI quiet period begins | soi022 sequence |
| 2004-183T01:12:00 | SOI main engine burn start | soi022 sequence |
| 2004-183T02:48:55 | SOI main engine burn finish | soi022 sequence |
| 2004-183T03:06:42 | MIMI configure for post SOI science | z0020g BG sequence |
| 2004-183T03:06:55 | VIMS to active mode after SOI | z0020g BG sequence |
| 2004-183T03:07:10 | UVIS to active mode after SOI | z0020g BG sequence |
| 2004-183T03:07:25 | CIRS to active mode after SOI | z0020g BG sequence |
| 2004-183T03:08:10 | ISS NAC to active mode after SOI | z0020g BG sequence |
| 2004-183T03:09:10 | ISS WAC to active mode after SOI | z0020g BG sequence |
| 2004-183T03:09:25 | RSP heater off after SOI | z0020g BG sequence |
| 2004-183T03:10:00 | CAPS: RAM ACTUATOR FOR INMS COVER JETTISON | z0020g BG sequence |
| 2004-183T03:17:24 | INMS pyro cover jettison | z0020g BG sequence |
| 2004-183T03:21:05 | INMS power on | z0020g BG sequence |
| 2004-183T03:24:59 | Recover CDA after SOI | z0020g BG sequence |