

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT

Term	Pointing (x, y)	Comment									
03/24 18:41:00 - 03/24 20:25:54	Fixed (0.0, 945.0)	# Coalignment (N Pole)									
PROG= 05 1-time(s)											
└─ Subr= 1 1-time(s) 360.0sec											
└─ Seqn= 3 24-time(s) 300.0sec											
Open/G-band	Open/G-band open	Safe Norm 16ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec									
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT

Term	Pointing (x, y)	Comment									
03/24 20:41:00 - 03/24 22:25:54	Fixed (-945.0, 0.0)	# Coalignment (E limb)									
PROG= 04 1-time(s)											
└─ Subr= 1 1-time(s) 360.0sec											
└─ Seqn= 28 15-time(s) 480.0sec											
Open/G-band	Open/G-band open	Safe Norm 16ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec									
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

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Flare mode

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XOB #1776: Flare Response short exp at first- Dynamics - Thick-AI - Thick-Be - AEC 1 - 384x384 - Q95

Term	Pointing (x, y)	Comment									
03/23 11:03:00 - 03/24 02:44:00	Fixed (-16.0, -921.0)	# HOP-101 (helioseismology at S pole)									
03/24 03:03:00 - 03/24 06:29:24	Track (524.3, 389.4) @ 03/24 03:00:00	# Observe AR 11056									
03/24 06:42:30 - 03/24 10:44:54	Track (550.2, 387.0) @ 03/24 06:39:30	# Return to AR 11056. HOP 154 with SOHO/CDS officially at 07-10UT.									
03/24 10:48:00 - 03/24 17:52:30	Fixed (-16.0, -945.0)	# Hop-81 (at S Pole)									
03/24 22:29:00 - 03/25 06:01:54	Track (653.7, 375.6) @ 03/24 22:26:00	# Return to AR 11056									
03/25 06:15:00 - 03/25 09:00:00	Track (699.3, 369.4) @ 03/25 06:12:00	# Return AR 11056									
PROG= 02 1-time(s)											
└─ Subr= 1 2-time(s) 2.0sec											
└─ Seqn= 9 15-time(s) 20.0sec											
Open/thick-AI	Open/thick-AI close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec									
Open/thick-Be	Open/thick-Be close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec									
└─ Seqn= 2 1-time(s) 4.0sec											
Open/G-band	Open/G-band open	Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec									
└─ Subr= 2 8-time(s) 2.0sec											
└─ Seqn= 9 15-time(s) 60.0sec											
Open/thick-AI	Open/thick-AI close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec									
Open/thick-Be	Open/thick-Be close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec									
└─ Seqn= 2 1-time(s) 4.0sec											
Open/G-band	Open/G-band open	Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec									
└─ Subr= 3 25-time(s) 2.0sec											
└─ Seqn= 9 1-time(s) 600.0sec											
Open/thick-AI	Open/thick-AI close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec									
Open/thick-Be	Open/thick-Be close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec									
└─ Seqn= 2 1-time(s) 4.0sec											
Open/G-band	Open/G-band open	Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec									
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

* * * * *

Active Region Search

* * * * *

NOT USED

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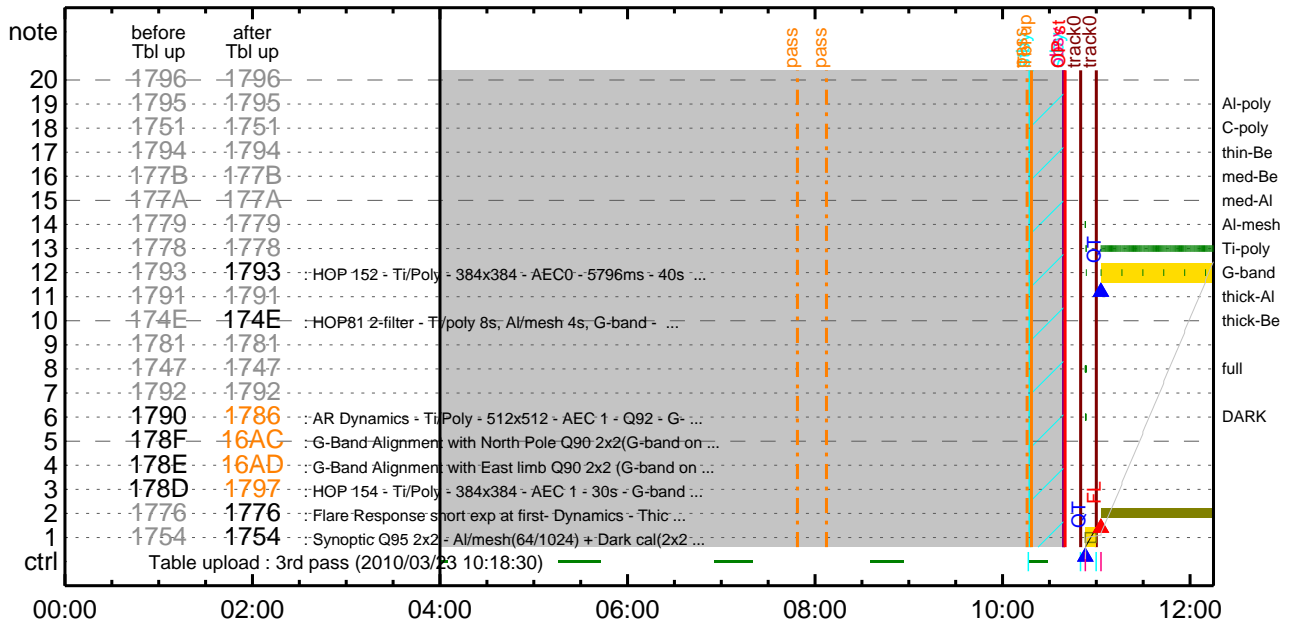
Flare Detection

* * * * *

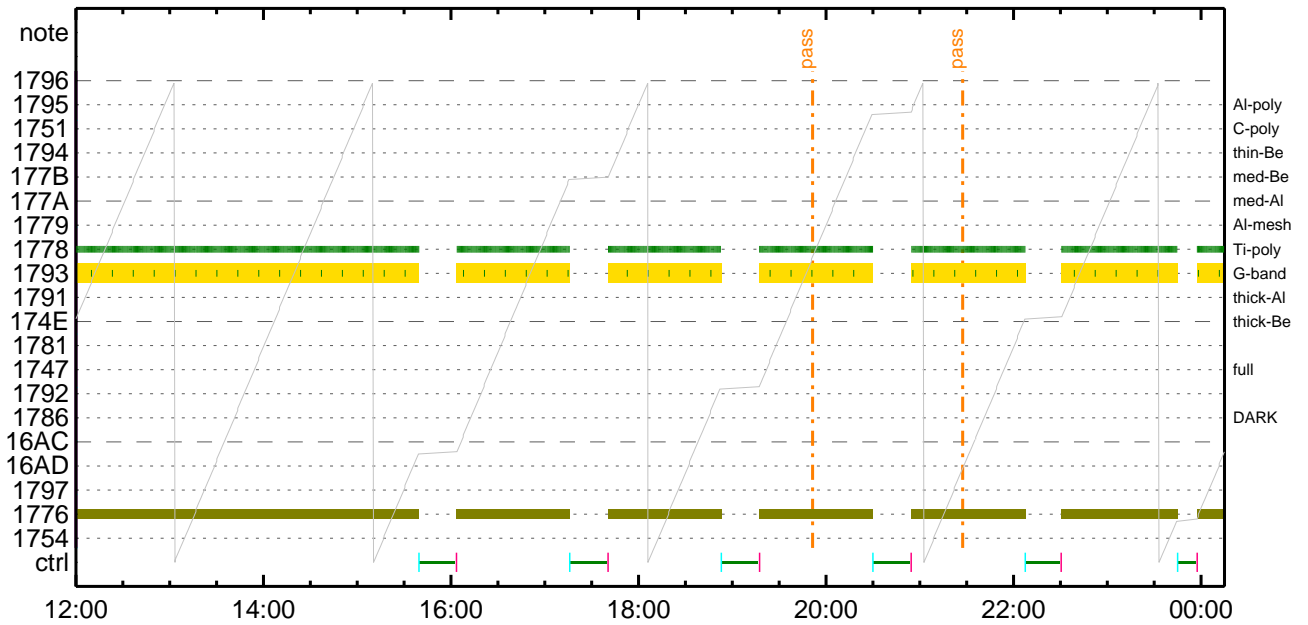
FLD Patrol

Term	Pointing (x, y)	Comment									
03/23 11:00:16 - 03/24 06:29:46	Fixed (-16.0, -921.0)	# HOP-101 (helioseismology at S pole)									
03/24 06:39:46 - 03/24 18:16:16	Track (550.2, 387.0) @ 03/24 06:39:30	# Return to AR 11056. HOP 154 with SOHO/CDS officially at 07-10UT.									
03/24 22:26:16 - 03/25 06:02:16	Track (653.7, 375.6) @ 03/24 22:26:00	# Return to AR 11056									
03/25 06:12:16 - 03/27 10:24:00	Track (699.3, 369.4) @ 03/25 06:12:00	# Return AR 11056									
Open/Ti-poly	Open/thick-AI close	Safe Norm 8ms Obs 8x8 Q=50 120sec									
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

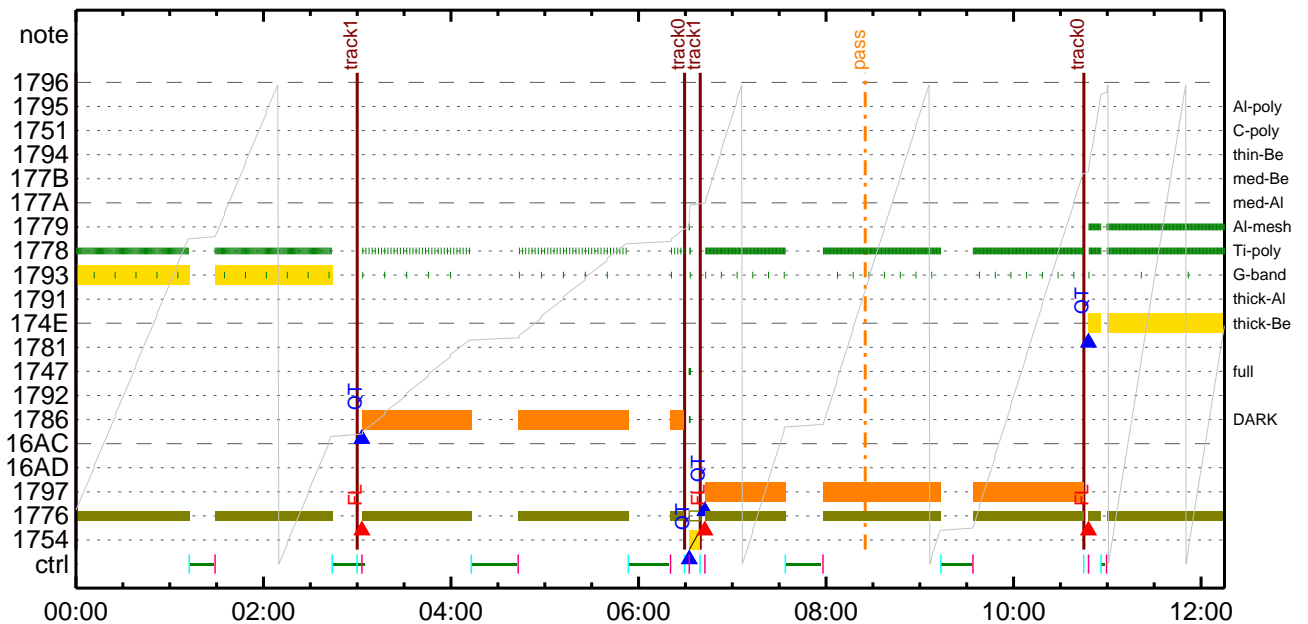
CMDI #0169 2010/03/23



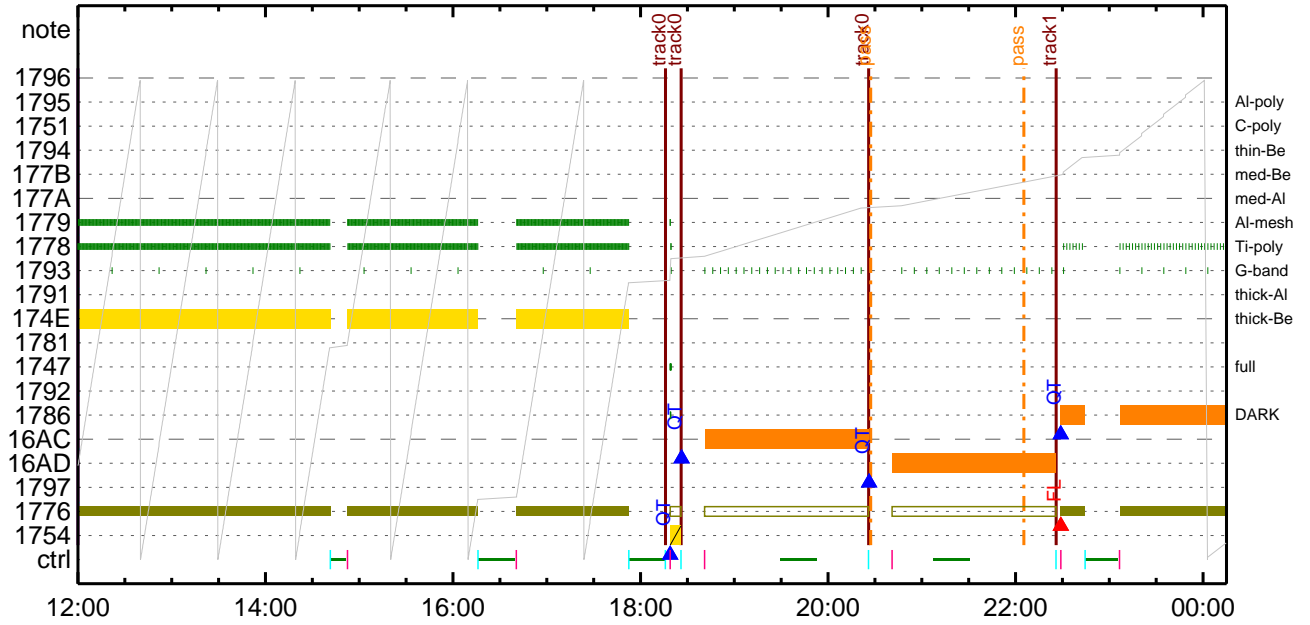
CMDI #0169 2010/03/23



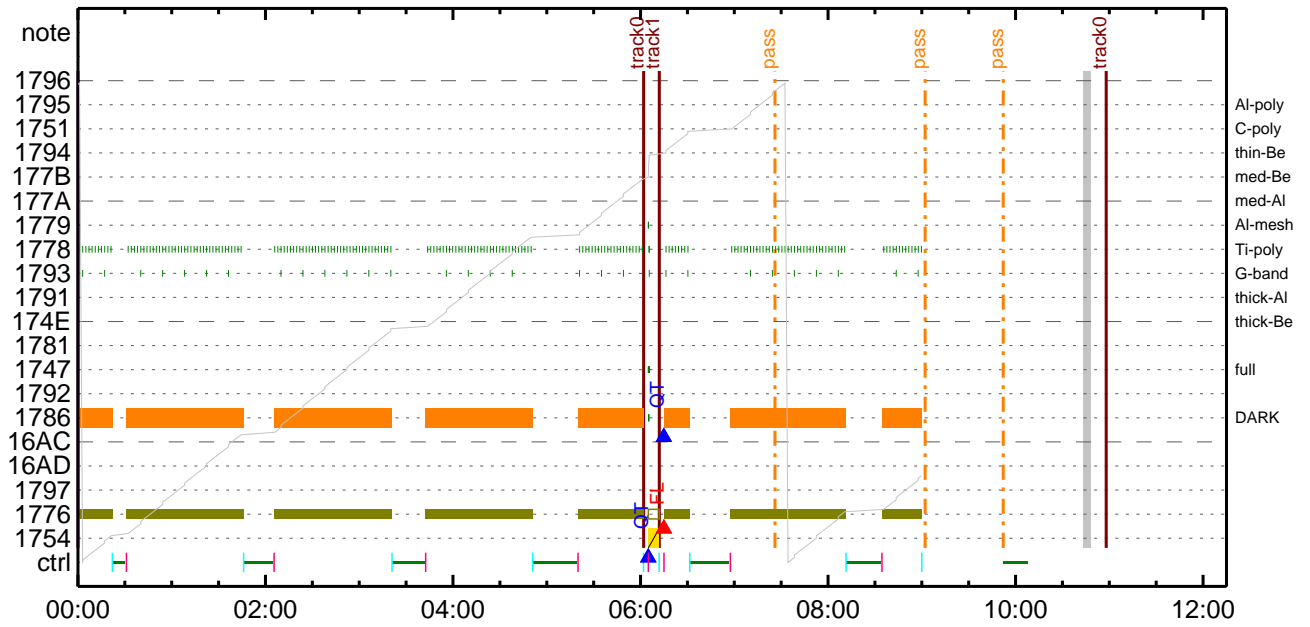
CMDI #0169 2010/03/24



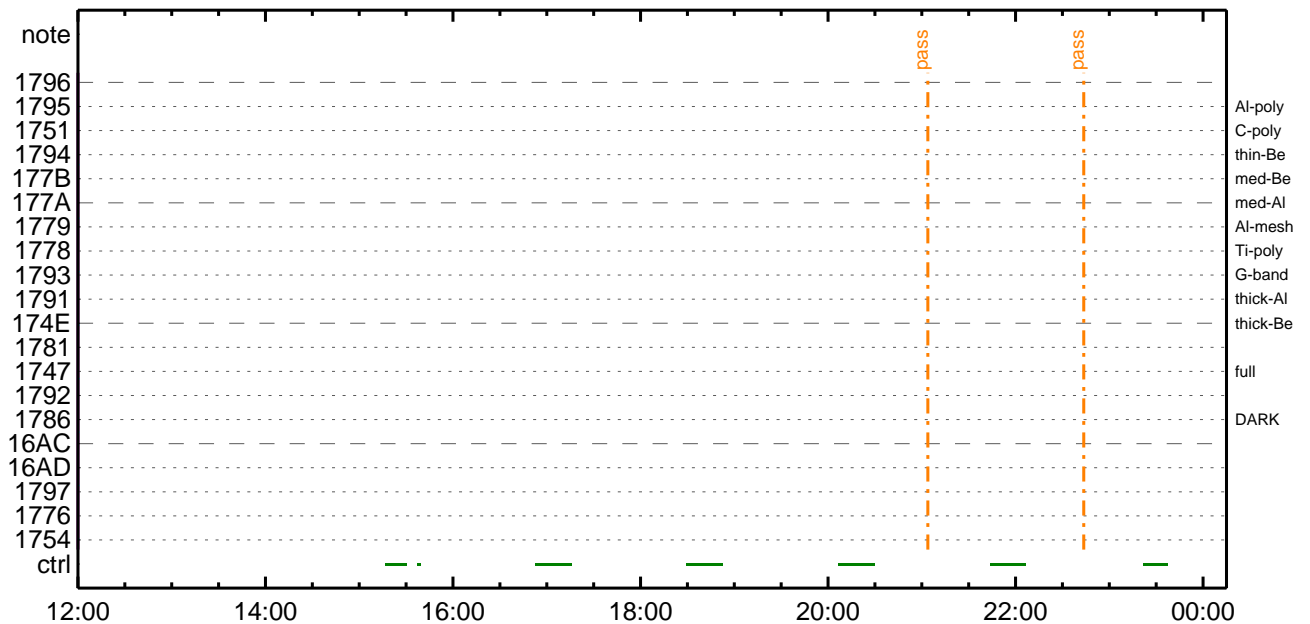
CMDI #0169 2010/03/24



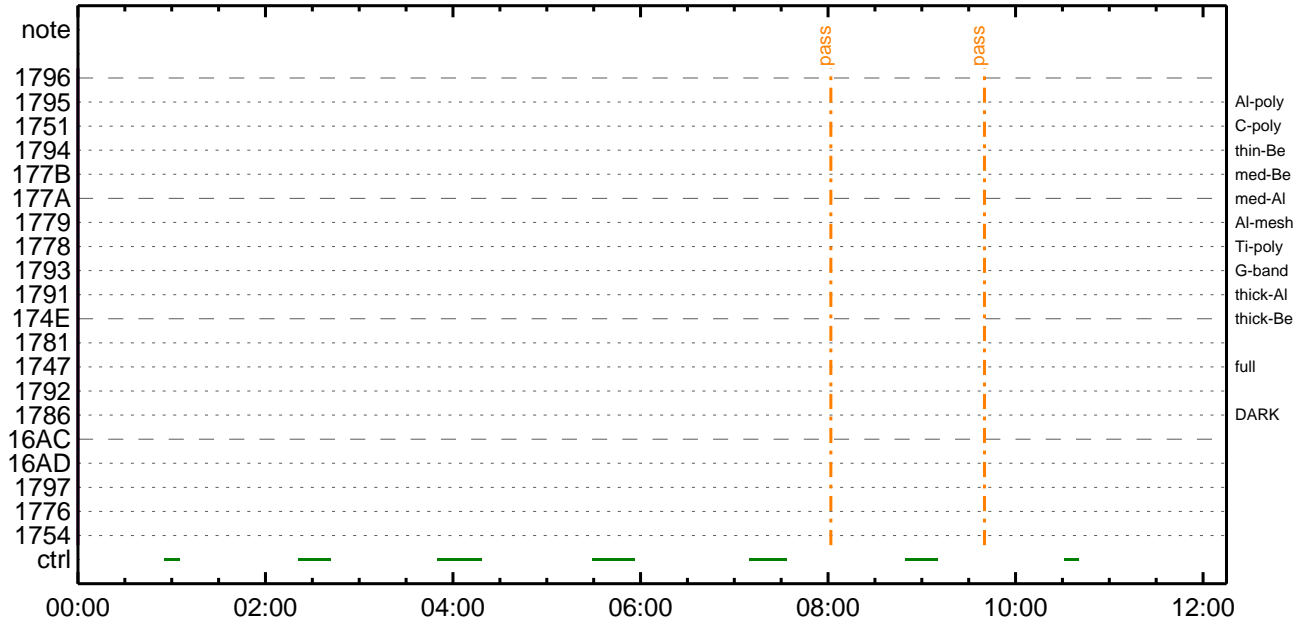
CMDI #0169 2010/03/25



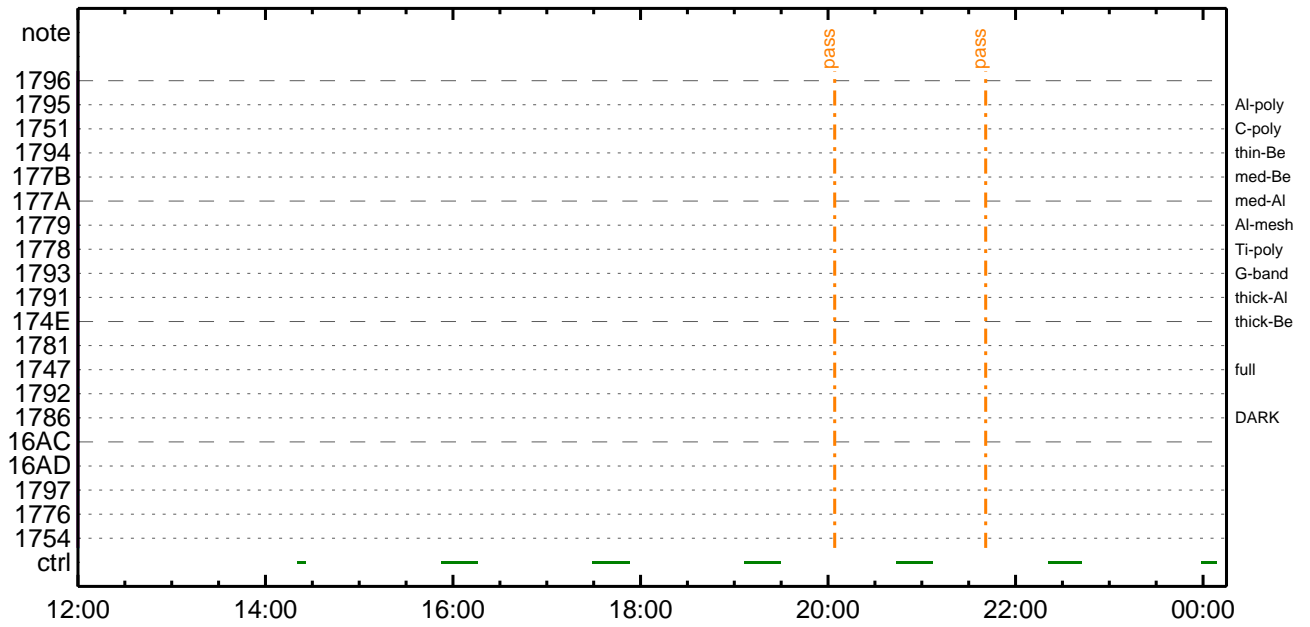
CMDI #0169 2010/03/25



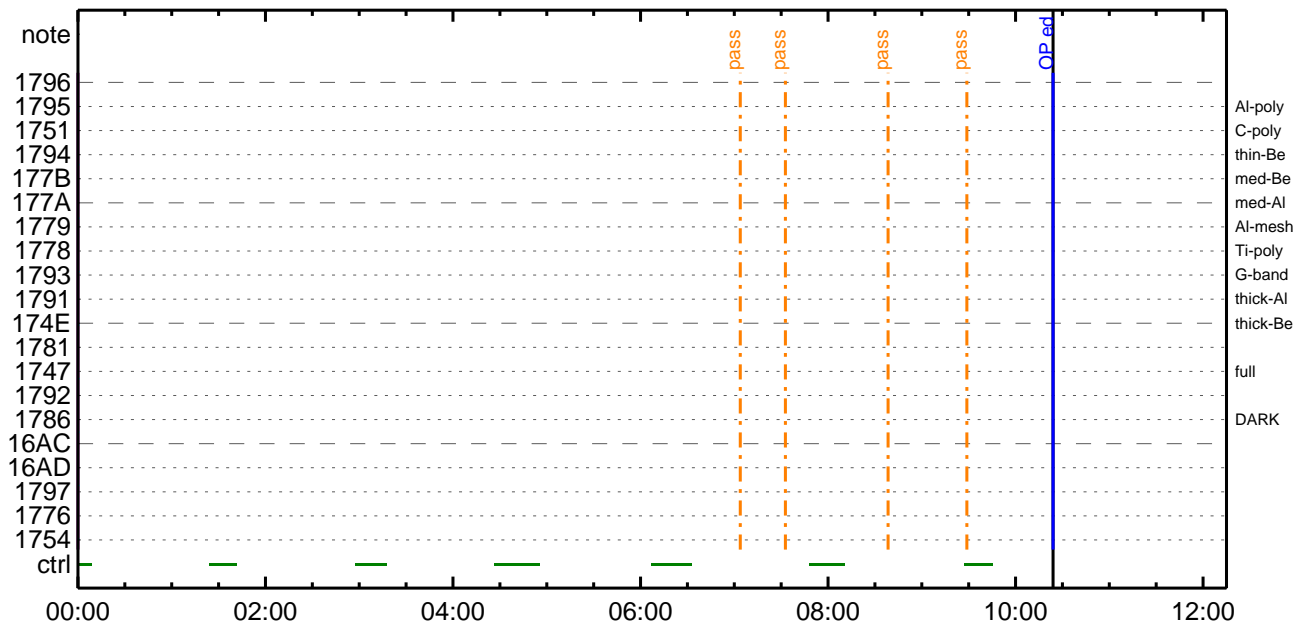
CMDI #0169 2010/03/26



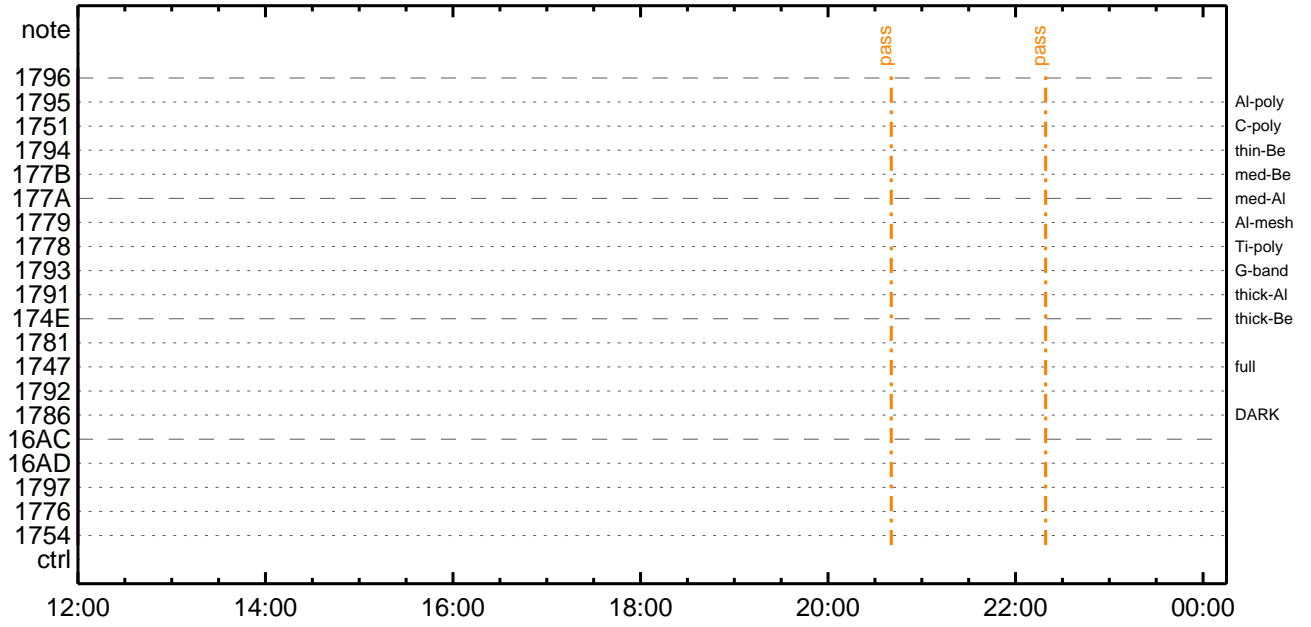
CMDI #0169 2010/03/26



CMDI #0169 2010/03/27



CMDI #0169 2010/03/27




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;aOP/OGY1;4YE;a
0103 S. OP op-252:OP
0104 ( )
0105 S. OG og-252:OG
0106 ( )
0107 C.
0108 C. ;aNMOG&OPf^°eYAYOX;a
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOXx½^aî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG□î¼E¹ç•ë²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOXx½^aî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG□î¼E¹ç•ë²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOXx½^aî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG,RAM ID=OP□î¼E¹ç•ë²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼□î¼A´¶Á°EÉ¬□Á÷¿@ (¼âµ-YAYOXx½^e¼ç□òÁÓÆ□Ç¼^a¬□E¼î¹ç□Ç□â) *****
0167 C. DHUYâ;4YE;E¼Y½,Y;¼YE;E□òîá¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD□-Á÷¿@NG□î¼î¹ç;ç°E²¼□î¼TI-CMDÁ÷¿@□î¼Á¹Ô□•□E□□□³□E;f
0180 C. □P□¿;çSET□EDUM□î¼E±°îYÑY¹□Ç¹Ô□|□³□E;f
0181 C.
0182 C. TIY³YpYóYE□òÁDî¿¿(UT)
0183 +. TI 2010-03-23 10:35:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-03-23 10:35:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-03-23 10:35:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-253 2010-03-23 12:38:29 101 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èò¿òÁò•µ°È»Í×ÁÇòÍYçYÁY×Yí;¼YÉ;ÈÈè%µ•íÉ;ÈòÈ¼°ÇÒò•ò¿¼í¹çòÍ;çÀ®, ùò¹òèòÈòçÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCS DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 951136.7 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_MANU
0056 BC (21 02)
0057 . C. Verify EIS in MANUAL mode
0058 . C. Estimated OBSTBL upload time is 41s
0059 C. *****
0060 C. EIS START OBSTBL LOAD
0061 C. *****
0062 . S. RAM ram-820:EIS_OBSTBL
0063 ( )
0064 +. DC 07-FC EIS_DUMP_OBSTBL
0065 BC (07 07 07 00 00 70 00)
0066 C.
0067 C. Execute, after the success of OBSTBL upload.
0068 C. Set EIS TI-commands
0069 +. TI 2010-03-23 10:39:50.0
0070 DC 07-FC EIS_MODE_CHG_ENA
0071 BC (20)
0072 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0073 C. *****
0074 C. EIS END OBSTBL LOAD
0075 C. *****
0076 . C. #### SOT CTM ERR LOG CLR####
0077 . C. < Clear CTM Error Log >
0078 +. DC 07-F6 CTM_ERR_LOG_CLR
0079 BC (e2)
0080 . C. -----
0081 C. CTM_ERR_LOG_CNT = 0 [ ]
0082 C. CTM_ERR_CODE = 0x00 [ ]
0083 C. CTM_ERR_CODE2 = 0x0000 [ ]
0084 C. -----
0085 C.
0086 C.
0087 . C. ***** MDP `úÁîòî»ò¼YòÈÁĐò¹òèDCBC•x²è *****
0088 C. (¼á°íYÓYÁYÈY¥YÉYÁYçYèòÈ%¼ò¼Á»Ûò¹òè)
0089 . S. DC-BC dcbc-402:DCBC
0090 (MDP_known_event)
0091 C.
0092 C.
0093 . C. ***** YDY¹•İ Daily±¿ÍÑòÈ´Øò¹òèDCBC•x²è *****
0094 . S. DC-BC dcbc-153:DCBC
0095 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
```

0096 C.
0097 C.
0098 . C. ¡ãLOS¥Á¥S¥Ã¥¼Â»Ü;ä
0099 C.
0100 . C. ***** LOS *****
0101 C.

(a) Spacecraft Operation Procedure (real-commands)

```
main-254 2010-03-23 12:38:29 140 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÁø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÖø•ø¿¼í¹çøÍ;çÀ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøøøÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG ____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 20 20)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 20 08)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 08 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 85 83 06 06)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 08 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 60 20 18)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c a0 80 18 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 06 06)
0056 + DC 07-F0 MDP_XRT_AEC_RESET
0057 BC (d0)
0058 . C. ----- Success Verify ? OK / NG ____
0059 C.
0060 C.
0061 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0062 C.
0063 +. TI 2010-03-23 10:39:02.0
0064 DC 07-F0 MDP_XRT_MODE_OBSV
0065 BC (c2)
0066 . C. ----- Success Verify ? OK / NG ____
0067 C.
0068 C. ***** XRT END *****
0069 . C. *****
0070 C. SOT table upload
0071 C. *****
0072 . C. < Stop FG table >
0073 +. DC 07-F0 MDP_FG_CTRL_MANU
0074 BC (51)
0075 . C. -----
0076 C. MDP_FG_CTRL_MODE = MANU [ ]
0077 C. -----
0078 C.
0079 . C. <Upload FG Observation Table>
0080 . S. RAM ram-264:MDP_OBS_F
0081 ( )
0082 C.
0083 . C. < Dump RAMID=MDP_OBS_F >
0084 +. DC 07-F0 MDP_DUMP_FGTBL
0085 BC (82 07 00 00 00 38 b8)
0086 C. -----
0087 C. MDP_OBS_F verify = OK/NG [ ]
0088 C. -----
0089 C.
0090 . C. < Upload DPL table >
0091 C.
0092 C. YçYÁY×Yí;¼YÉøÍÁ°øÈÈSTS_CHKøøOFFøÈø¹øè
0093 C.
0094 . S. RAM ram-271:MDP_DPL
0095 ( )
```

```
0096 C.
0097 . C. < Dump RAMID=MDP_DPL >
0098 +. DC 07-F0 MDP_DUMP_FGTBL
0099 BC (82 07 00 38 b8 00 40)
0100 C. -----
0101 C. MDP_DPL verify = OK [ ]
0102 C. -----
0103 C.
0104 C. STS_CHK=ON=
0105 C.
0106 . C. < Update MDP DSC PAR1 >
0107 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0108 BC (4c)
0109 C. MDP_CMD_CODE = F04C0700[ ]
0110 C. MDP_CMD_CNT (count-up 1) [ ]
0111 C. -----
0112 C.
0113 . C.
0114 C. *****
0115 C. SOT TI command set
0116 C. *****
0117 C. Execute, after the success of TBL upload.
0118 +. TI 2010-03-23 10:39:18.0
0119 DC 07-F0 MDP_SOT_MODE_OBSV
0120 BC (40)
0121 . C. -----
0122 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0123 C. -----
0124 C.
0125 C.
0126 . C. ***** MDP 'uAifI>0%Y=EA=DCBC*x^e *****
0127 C. (%A^iYAYBpYBYA%YèE%a%â»U^è)
0128 . S. DC-BC dcbc-402:DCBC
0129 (MDP_known_event)
0130 C.
0131 C.
0132 . C. ***** YDY!·I Daily±¿IÑ=È'Ø=èDCBC*x^e *****
0133 . S. DC-BC dcbc-153:DCBC
0134 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0135 C.
0136 C.
0137 . C. ;ãLOSAY$YÃY~¼Â»Ü;ã
0138 C.
0139 . C. ***** LOS *****
0140 C.
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*** OP Sequence for XRT ***

2010/03/23	10:49:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	10:49:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/03/23	10:50:00.5	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2010/03/23	10:50:16.0	XRT_FLD_DIS_413_OG [0x19d]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/03/23	10:50:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/03/23	10:50:20.0	XRT_ARS_DIS_415_OG [0x19f]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/23	10:52:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2010/03/23	10:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/23	10:59:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	10:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/23	11:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 51 db 01 68		
2010/03/23	11:00:16.0	XRT_FLD_ENA_402_OG [0x192]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/23	11:00:18.0	XRT_FLD_RESET_403_OG [0x193]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/23	11:00:20.0	XRT_FLRCTRL_ENA_404_OG [0x194]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/23	11:00:22.0	XRT_ARS_DIS_405_OG [0x195]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/23	11:02:56.0	XRT_QT_PROG_SET_431_OG [0x1af]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2010/03/23	11:02:58.0	XRT_FL_PROG_SET_407_OG [0x197]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02		
2010/03/23	11:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/23	15:39:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	16:02:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/23	16:03:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/23	17:16:00.5	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	17:39:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/23	17:40:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/23	18:53:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	19:16:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/23	19:17:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/23	20:30:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	20:53:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/23	20:54:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/23	22:07:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	22:29:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/23	22:30:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/23	23:45:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/23	23:56:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/23	23:57:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/24	01:12:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/24	01:28:00.0	XRT_Custom_410_OG [0x19a]					
2010/03/24	01:29:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/24	02:44:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/24	02:59:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/24	02:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/24	03:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2010/03/24	03:00:16.0	XRT_FLD_ENA_402_OG [0x192]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/24	03:00:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/24	03:00:20.0	XRT_FLD_RESET_403_OG [0x193]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/24	03:00:22.0	XRT_ARS_DIS_405_OG [0x195]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/24	03:02:56.0	XRT_QT_PROG_SET_419_OG [0x1a3]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2010/03/24	03:02:58.0	XRT_FL_PROG_SET_407_OG [0x197]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02		

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2010/03/24	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	04:13:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	04:42:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/24	04:43:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	05:53:30.5	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	06:19:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/24	06:20:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	06:29:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	06:29:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/03/24	06:29:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/03/24	06:29:46.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/03/24	06:29:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/03/24	06:29:50.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/24	06:32:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/03/24	06:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	06:39:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	06:39:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/24	06:39:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2010/03/24	06:39:46.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/24	06:39:48.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/24	06:39:50.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/24	06:39:52.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/24	06:42:26.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/03/24	06:42:28.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/24	06:42:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	07:34:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	07:57:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/24	07:58:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	09:13:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	09:33:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/24	09:34:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	10:44:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	10:44:56.0	XRT_FOCUS_POSITION_423_OG [0x1a7]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/24	10:45:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 54 00 01 68				
2010/03/24	10:45:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/24	10:45:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/24	10:45:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/24	10:45:22.0	XRT_ARS_DIS_433_OG [0x1b1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/24	10:47:56.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2010/03/24	10:47:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/24	10:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	10:56:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	10:58:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/24	10:59:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	14:41:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	14:51:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/24	14:52:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/24	16:16:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/24	16:39:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/24	16:40:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2010/03/24	17:52:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/24	18:15:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/24	18:15:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2010/03/24	18:16:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00	00
2010/03/24	18:16:16.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/03/24	18:16:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/03/24	18:16:20.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/03/24	18:18:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2010/03/24	18:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/24	18:25:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/24	18:25:56.0	XRT_FOCUS_POSITION_423_OG [0x1a7]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2010/03/24	18:26:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 ac 00 00	00
2010/03/24	18:26:16.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2010/03/24	18:26:18.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/03/24	18:26:20.0	XRT_FLD_DIS_426_OG [0x1aa]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/03/24	18:26:22.0	XRT_FLRCTRL_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/03/24	18:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/24	20:25:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/24	20:25:56.0	XRT_FOCUS_POSITION_423_OG [0x1a7]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2010/03/24	20:26:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 54	00
2010/03/24	20:26:16.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2010/03/24	20:26:18.0	XRT_ARS_DIS_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/03/24	20:26:20.0	XRT_FLD_DIS_426_OG [0x1aa]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/03/24	20:26:22.0	XRT_FLRCTRL_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/03/24	20:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/24	22:25:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/24	22:25:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2010/03/24	22:26:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01 00 00 00	00
2010/03/24	22:26:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/03/24	22:26:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/03/24	22:26:20.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/03/24	22:26:22.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/03/24	22:28:56.0	XRT_QT_PROG_SET_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2010/03/24	22:28:58.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	02
2010/03/24	22:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/24	22:44:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/24	23:05:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/24	23:06:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/25	00:22:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/25	00:30:00.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	00:31:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/25	01:46:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/25	02:04:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/25	02:05:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/25	03:21:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/25	03:41:30.5	XRT_Custom_410_OG [0x19a]					
2010/03/25	03:42:30.5	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/25	04:51:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/25	05:19:00.0	XRT_Custom_410_OG [0x19a]					

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2010/03/25	05:20:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/25	06:01:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/25	06:01:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/03/25	06:02:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/03/25	06:02:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/03/25	06:02:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/03/25	06:02:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/25	06:04:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/03/25	06:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/25	06:11:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/25	06:11:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/25	06:12:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2010/03/25	06:12:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/25	06:12:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/25	06:12:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/25	06:12:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/25	06:14:56.0	XRT_QT_PROG_SET_419_OG [0x1a3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2010/03/25	06:14:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/25	06:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/25	06:31:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/25	06:56:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/25	06:57:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/25	08:11:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/25	08:33:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/25	08:34:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/25	09:00:00.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/25	10:58:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				