

XRT Timeline to be uploaded on 2010/04/01

Period: 2010/04/01 11:19:00 - 2010/04/06 10:03:00

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Normal mode

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XOB #179E: AR Dynamics- Ti/Poly(384FOV) AEC2_3 Q95, Al-mesh, Ti-poly AEC1, Thick-Al fixed 32, G-band(512FOV) - 15s cadence													
Term	Pointing (x, y)		Comment										
04/01 15:03:00 - 04/01 17:56:00	Track (582.9, 323.2) ^{Ⓜ 04/01 15:00:00}		* End of SOT focus scan. Track AR 11057.										
04/01 18:32:30 - 04/02 06:04:54	Track (606.9, 320.8) ^{Ⓜ 04/01 18:29:30}		# Cont.										
PROG= 05 Inf.-time(s)													
└─ Subr= 1 1-time(s) 30.0sec													
└─ Seqn= 1 1-time(s) 30.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 42 1-time(s) 40.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	125ms	Obs	1x1	512x512 (1024, 1024)	Q=92	1	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	512x512 (1024, 1024)	Q=92	1	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	32.0s	Obs	1x1	512x512 (1024, 1024)	Q=92	0	0	2.0sec
└─ Subr= 2 40-time(s) 15.0sec													
└─ Seqn= 18 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Seqn= 43 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1754: Synoptic Q95 2x2 - Al/mesh(64/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(128/2048) + G-band(16

Term	Pointing (x, y)		Comment										
04/01 18:22:30 - 04/01 18:29:24	Fixed (0.0, 0.0)		synoptic, shifted 19.5 min										
04/02 06:08:00 - 04/02 06:14:54	Fixed (0.0, 0.0)		synoptic, shifted 5.0 min										
04/02 18:03:00 - 04/02 18:09:54	Fixed (0.0, 0.0)		synoptic										
04/03 06:12:00 - 04/03 06:18:54	Fixed (0.0, 0.0)		synoptic, shifted 9.0 min										
PROG= 01 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 6 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 5 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 7 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 4 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #179F: AR Dynamics- Ti/Poly(384FOV) AEC2_3 Q95, Al-mesh, Ti-poly AEC1, Thick-Al fixed 32, G-band(512FOV) - 30s cadence

Term	Pointing (x, y)		Comment										
04/02 06:18:00 - 04/02 17:59:54	Track (682.4, 312.1) ^{Ⓜ 04/02 06:15:00}		# Cont.										
04/02 18:13:00 - 04/03 05:32:30	Track (750.0, 302.4) ^{Ⓜ 04/02 18:10:00}		# Cont.										
04/03 06:22:00 - 04/03 08:00:00	Track (808.7, 291.8) ^{Ⓜ 04/03 06:19:00}		# Cont.										
PROG= 04 Inf.-time(s)													
└─ Subr= 1 1-time(s) 30.0sec													
└─ Seqn= 1 1-time(s) 30.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 42 1-time(s) 40.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	125ms	Obs	1x1	512x512 (1024, 1024)	Q=92	1	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	512x512 (1024, 1024)	Q=92	1	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	32.0s	Obs	1x1	512x512 (1024, 1024)	Q=92	0	0	2.0sec
└─ Subr= 2 30-time(s) 30.0sec													
└─ Seqn= 18 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Seqn= 43 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	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-Al - Thick-Be - AEC 1 - 384x384 - Q95

Term	Pointing (x, y)		Comment									
04/01 15:03:00 - 04/01 17:56:00	Track (582.9, 323.2) ^{Ⓜ 04/01 15:00:00}		* End of SOT focus scan. Track AR 11057.									
04/01 18:32:30 - 04/02 06:04:54	Track (606.9, 320.8) ^{Ⓜ 04/01 18:29:30}		# Cont.									
04/02 06:18:00 - 04/02 17:59:54	Track (682.4, 312.1) ^{Ⓜ 04/02 06:15:00}		# Cont.									
04/02 18:13:00 - 04/03 05:32:30	Track (750.0, 302.4) ^{Ⓜ 04/02 18:10:00}		# Cont.									

PROG= 02 1-time(s)													
Subr= 1 2-time(s) 2.0sec													
Seqn= 9 15-time(s) 20.0sec													
	Open/thick-Al	Open/thick-Al	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-Al	Open/thick-Al	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-Al	Open/thick-Al	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	

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Active Region Search

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NOT USED

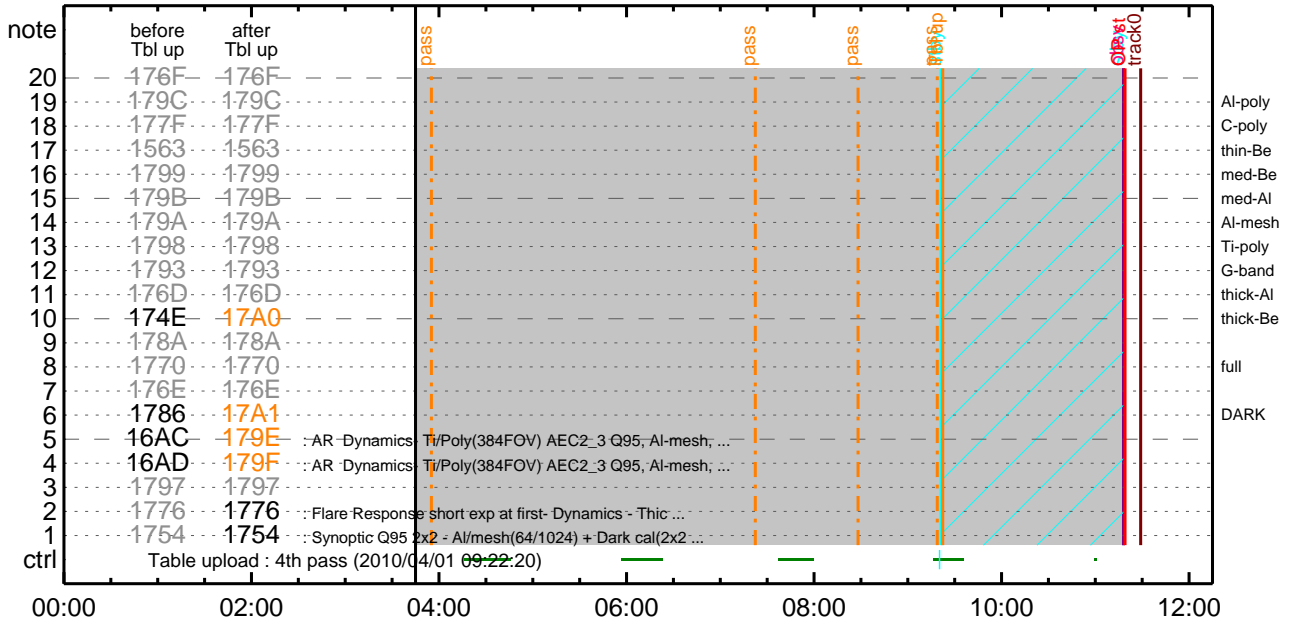
* * * * *

Flare Detection

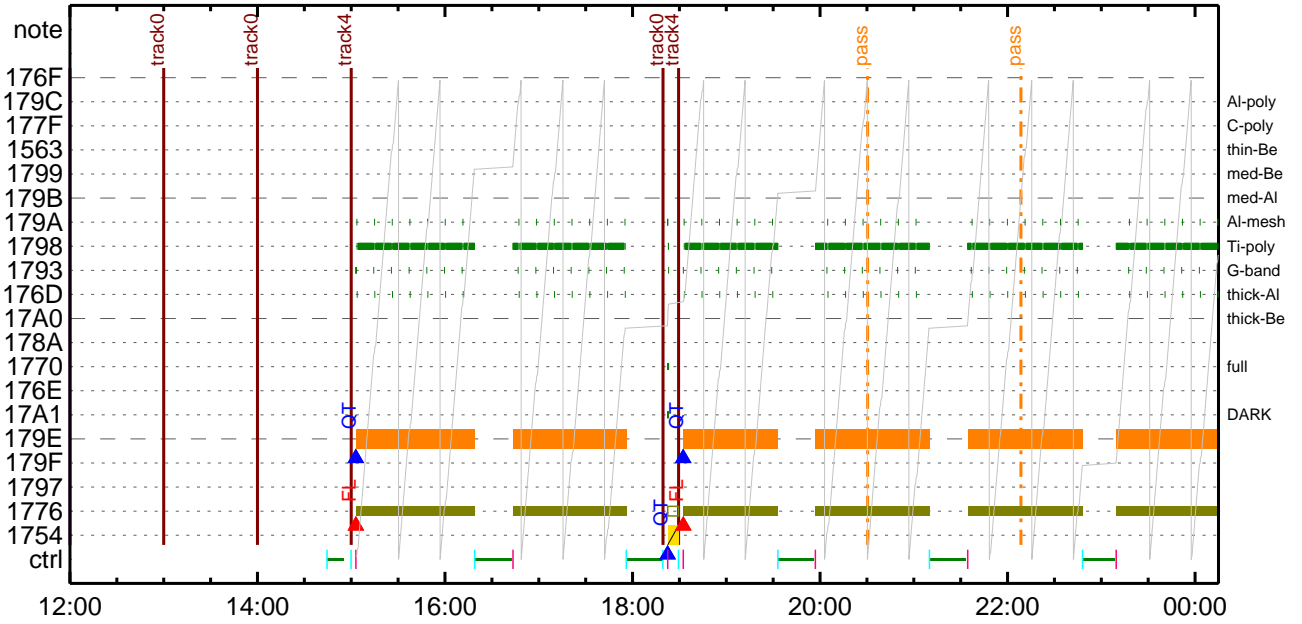
* * * * *

FLD Patrol												
Term		Pointing (x, y)					Comment					
04/01 15:00:16 - 04/01 18:19:46		Track (582.9, 323.2) @ 04/01 15:00:00					* End of SOT focus scan. Track AR 11057.					
04/01 18:29:46 - 04/02 06:05:16		Track (606.9, 320.8) @ 04/01 18:29:30					# Cont.					
04/02 06:15:16 - 04/02 18:00:16		Track (682.4, 312.1) @ 04/02 06:15:00					# Cont.					
04/02 18:10:16 - 04/03 06:09:16		Track (750.0, 302.4) @ 04/02 18:10:00					# Cont.					
04/03 06:19:16 - 04/06 10:03:00		Track (808.7, 291.8) @ 04/03 06:19:00					# Cont.					
	Open/Ti-poly	Open/thick-Al	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

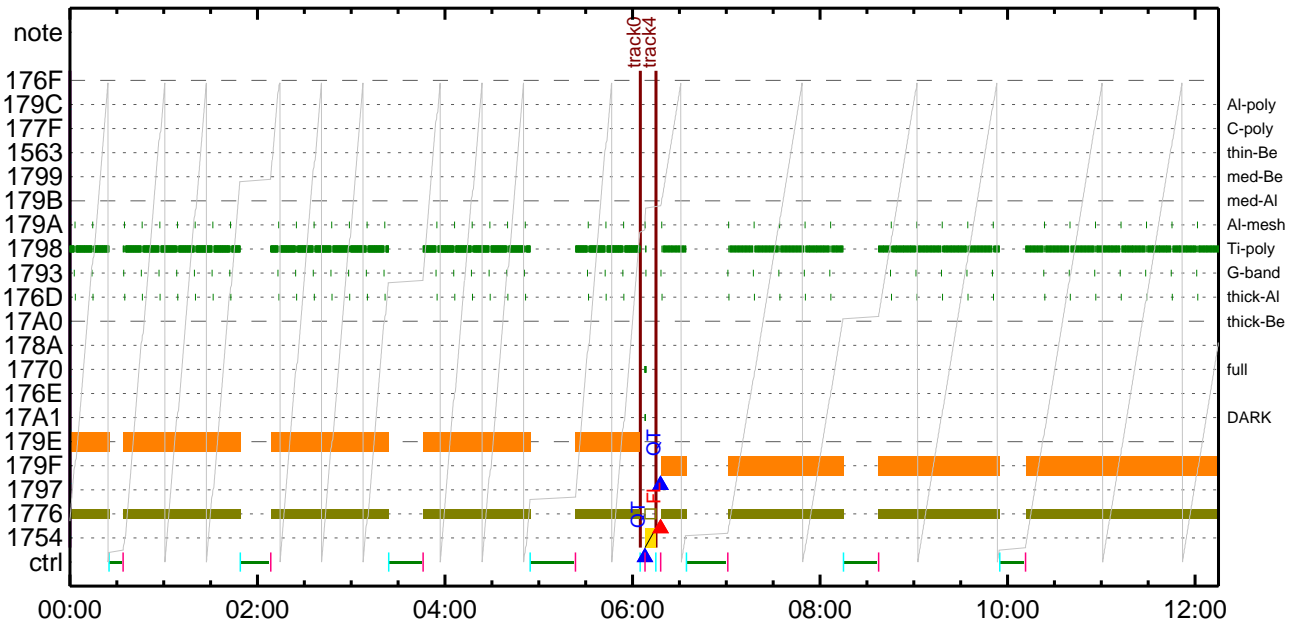
CMDI #0183 2010/04/01



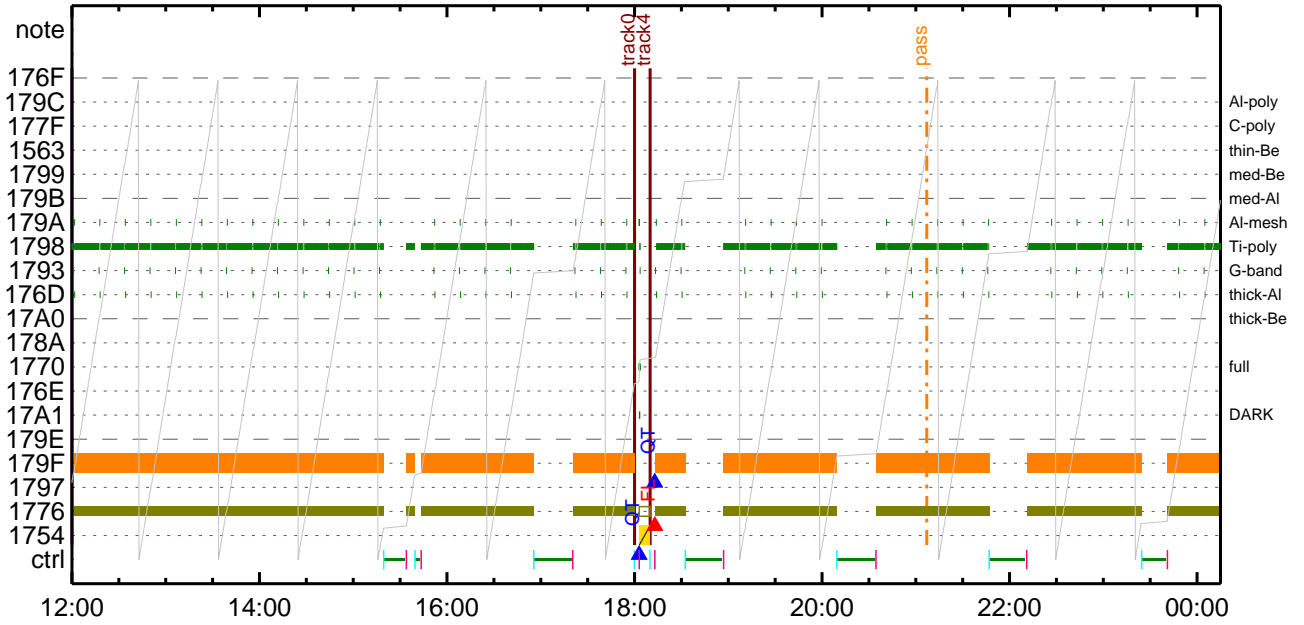
CMDI #0183 2010/04/01



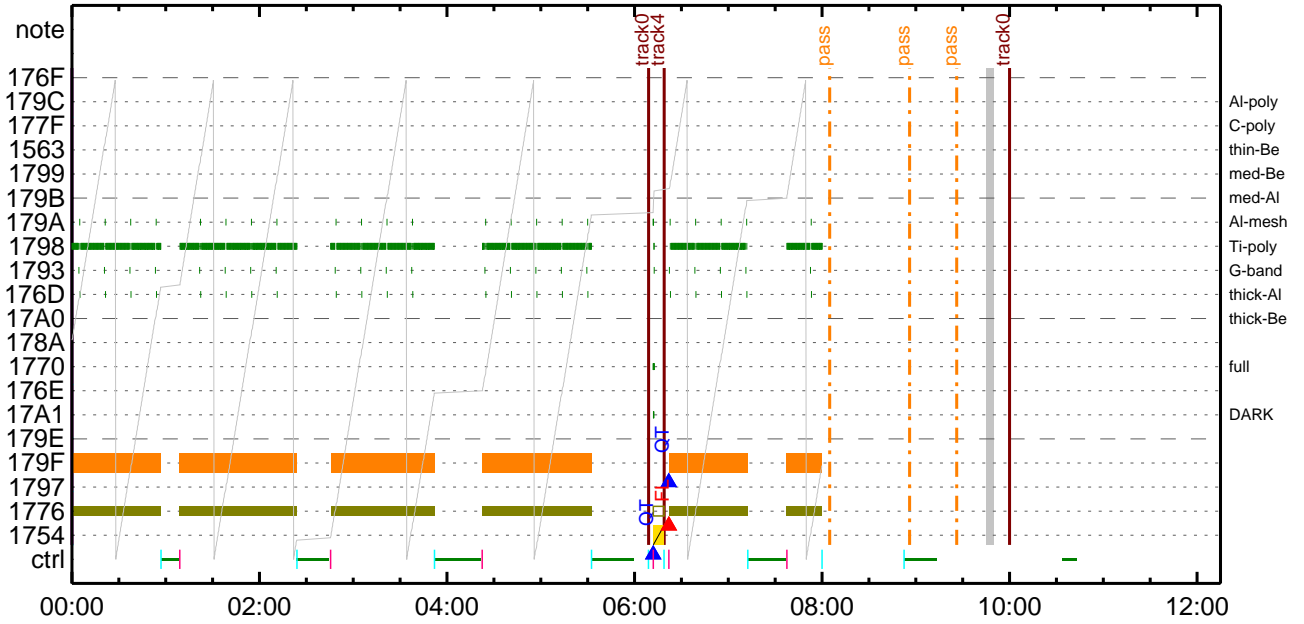
CMDI #0183 2010/04/02



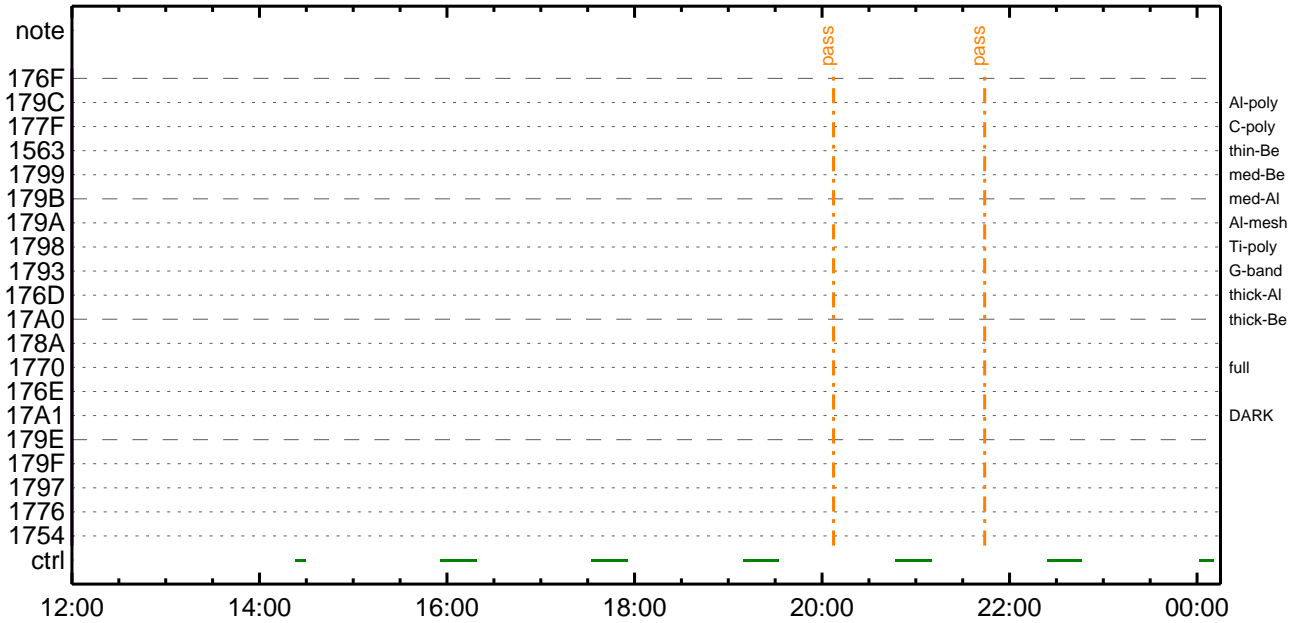
CMDI #0183 2010/04/02



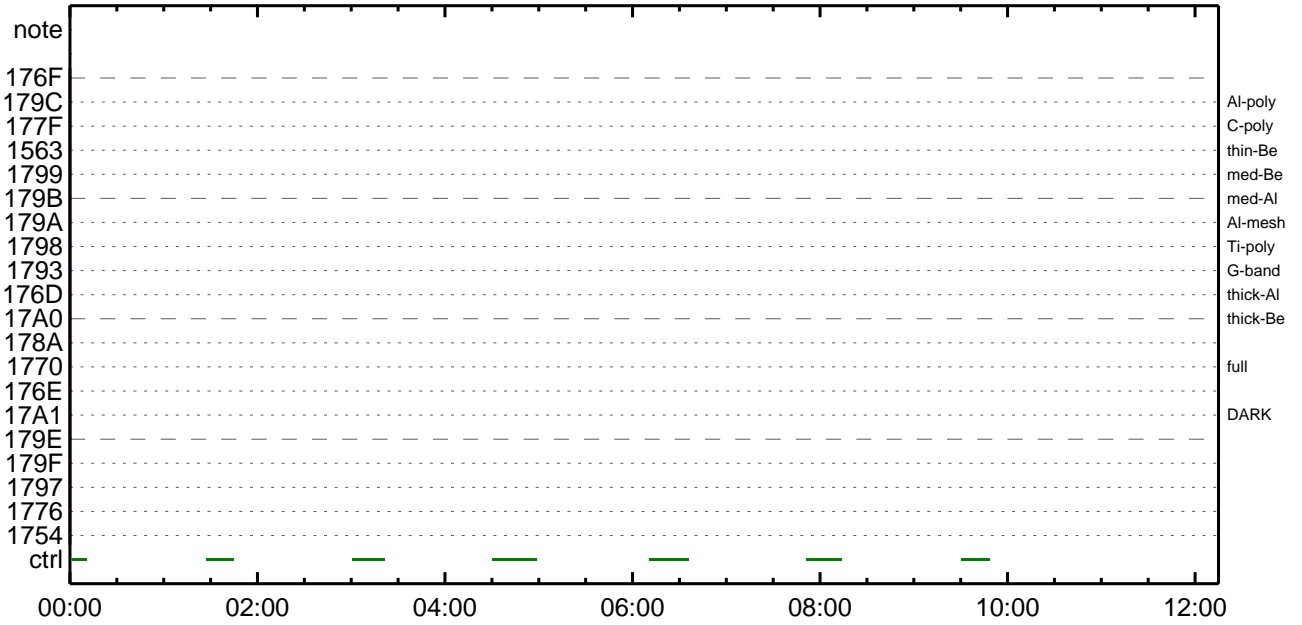
CMDI #0183 2010/04/03



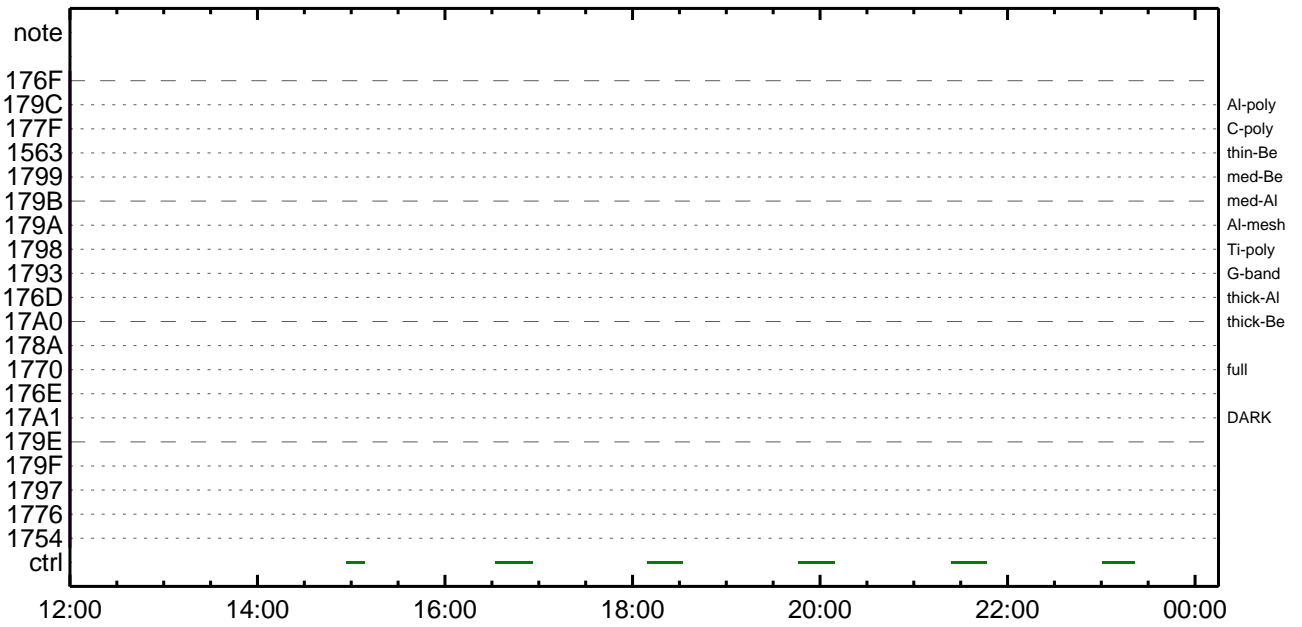
CMDI #0183 2010/04/03



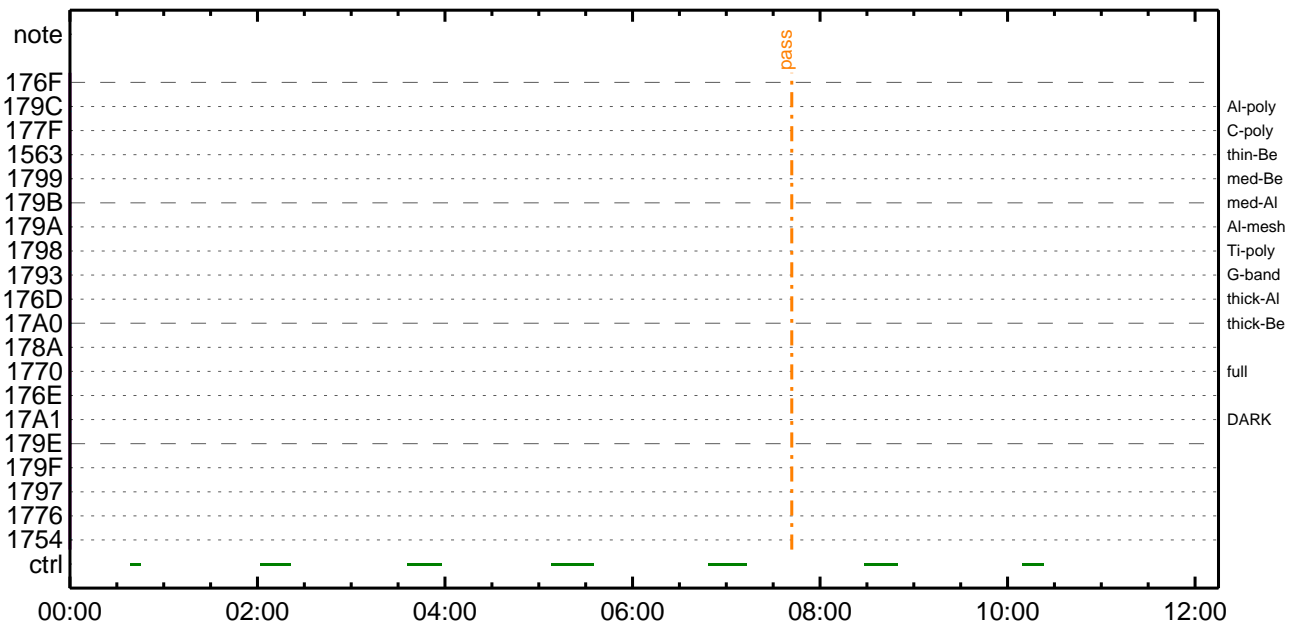
CMDI #0183 2010/04/04



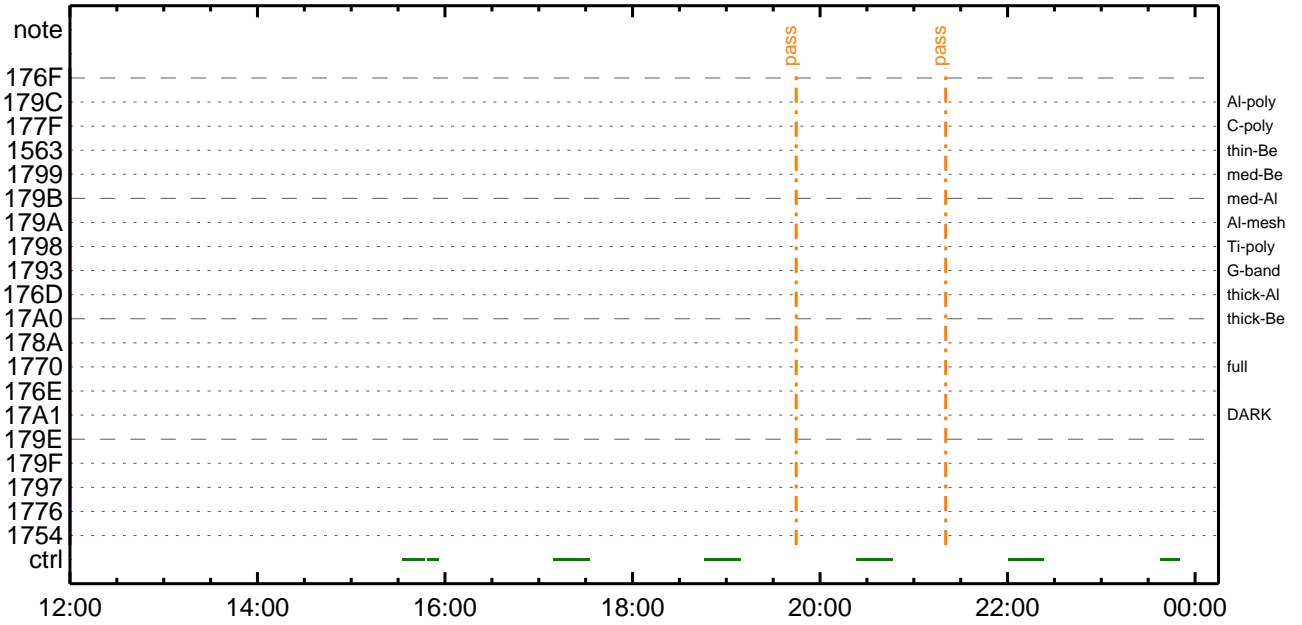
CMDI #0183 2010/04/04



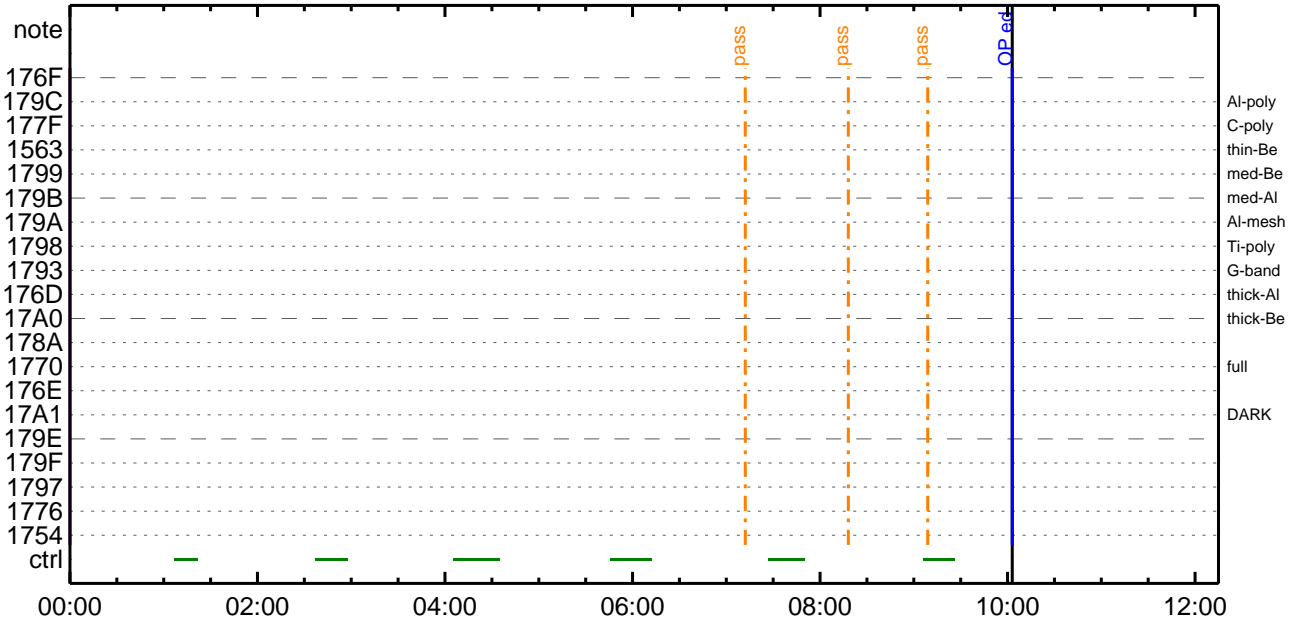
CMDI #0183 2010/04/05



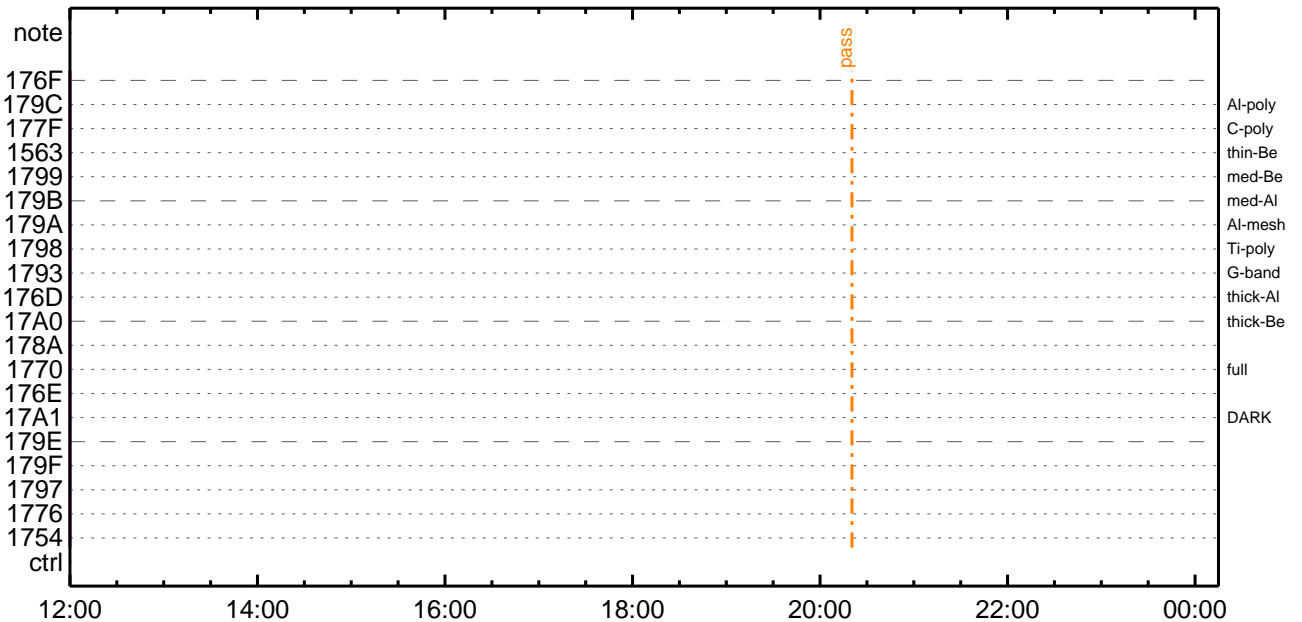
CMDI #0183 2010/04/05



CMDI #0183 2010/04/06



CMDI #0183 2010/04/06



(a) Spacecraft Operation Procedure (real-commands)

```
main-271 2010-04-01 11:56:20 82 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È±¿±Á±·μ°È»Í×ÁÇ±ÍYÇYÁY×YÍ;¼YÉ;ÈÈ±μ·fÍÈ;È±È¼°ÇÓ±·±¿¼l¹Ç±Í;ÇÀ®, ù±¹±±±±±±ÇÁ+¿®±·±È±±±±±±È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OTA CLU OP HTR DIS
0016 C. *****
0017 C.
0018 C. < Check initial temperatures >
0019 C. -----
0020 C. HK1_OTA_CLU_HTR_TMP (BChtr)= [ ]
0021 C. HK1_OTA_M2_HTR_TMP (M2htr) = [ ]
0022 C. HK1_OTA-13_TEMP (MC) = [ ]
0023 C. HK1_OTA-29_TEMP (CLU) = [ ]
0024 C. HK1_OTA-30_TEMP (CTM-TM) = [ ]
0025 C. HK1_FPP_PMU_TEMP = [ ]
0026 C. -----
0027 C.
0028 . C. < Disable Heaters >
0029 +. DC 07-56 CTM_OTA_HTR_ALL_DIS
0030 C. -----
0031 C. CTM_CLU_HTR_OP1_E/D = DIS [ ]
0032 C. CTM_CLU_HTR_OP2_E/D = DIS [ ]
0033 C. CTM_M2_HTR_OP1_E/D = DIS [ ]
0034 C. CTM_M2_HTR_OP2_E/D = DIS [ ]
0035 C. -----
0036 C.
0037 . C. < Enable M2 OP1 Heater >
0038 +. DC 07-50 CTM_M2_HTR_OP1_ENA
0039 C. -----
0040 C. CTM_M2_HTR_OP1_E/D = ENA [ ]
0041 C. CTM_OTA_HTR_VOLT = NORM [ ]
0042 C. HK1_OTA_M2_HTR_TMP increase [ ]
0043 C. -----
0044 C.
0045 . C. -----
0046 C. °È²¼±±±±±±±YÇYÁY×ÍÑ;fÍáÁÈ±-Í±±±±±±±»ÈÍÑ±·±È±±
0047 . C. < Enable Back-up Heaters >
0048 +. DC 07-52 CTM_CLU_HTR_OP1_ENA
0049 C. -----
0050 C. CTM_CLU_HTR_OP1_E/D = ENA [ ]
0051 C. CTM_OTA_HTR_VOLT = NORM [ ]
0052 C. -----
0053 C.
0054 +. DC 07-53 CTM_CLU_HTR_OP2_ENA
0055 C. -----
0056 C. CTM_CLU_HTR_OP2_E/D = ENA [ ]
0057 C. CTM_OTA_HTR_VOLT = NORM [ ]
0058 C. -----
0059 C.
0060 +. DC 07-51 CTM_M2_HTR_OP2_ENA
0061 C. -----
0062 C. CTM_M2_HTR_OP2_E/D = ENA [ ]
0063 C. CTM_OTA_HTR_VOLT = NORM [ ]
0064 C. -----
0065 C.
0066 C. ***** SOT END *****
0067 C.
0068 . C. ***** MDP `ûÁÍ±±¿¼Y±±ÈÁ±±±±±±±×²è *****
0069 C. (¼á°ÍYÓYÁYÈY±YÈYáYÇYÈ±±È¼¼±¼Á»Û±±±)
0070 . S. DC-BC dcbc-402:DCBC
0071 (MDP_known_event)
0072 C.
0073 C.
0074 . C. ***** YDY¹·Í Daily±¿ÍÑ±È´Ø±±±±±±±×²è *****
0075 . S. DC-BC dcbc-153:DCBC
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077 C.
0078 C.
0079 . C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0080 C.
0081 . C. ***** LOS *****
0082 C.
```



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0096 C.          0300; SET0EDUMP01E±0iYÑY¹0Ç¹00|0³0E;E
0097 C.
0098 . C. TIY³YF¥ÖYÉ00ðÄDİ¿ (UT)
0099 +. TI 2010-04-01 11:14:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2010-04-01 11:14:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2010-04-01 11:14:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2010-04-01 11:18:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C.  °E²¼0İÄè%îÍÑ0İYÁY§YÁY-¹àİÜ
0116 C.          ÇÇ[HK1_TI_CMD_ENA/DIS]        EQ          ENA
0117 C.          ÇÇ[HK1_TI_CMD_NUM]          EQ          4
0118 C.          ÇÇ[HK1_NEXT_EXEC_PIM]        EQ          DHU
0119 C.          ÇÇ[HK1_NEXT_EXEC_DC]        EQ          0xB3
0120 C.
0121 . C. *****
0122 C. TIİİ°èYÄYÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC          (03 ab 03 01 02)
0128 C.          ÇÇ[HK1_DMP_TOP_ADRS_1]        EQ          07
0129 C.          ÇÇ[HK1_DMP_TOP_ADRS_0]        EQ          2B
0130 C.          ÇÇ[HK1_DMP_BLOCK_NUM]        EQ          3
0131 C.          ÇÇ[HK1_DMP_REPEAT_NUM]       EQ          0
0132 C.          ÇÇ[HK1_DMA_DMP_PIM]         EQ          DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          ÇÇ[HK1_PKT_FORM_NO]          EQ          7
0136 C.          ÇÇ[HK1_PKT_GEN_TIME]         EQ          0.25 s
0137 C.          ÇÇ[HK1_S_TLM_BIT_RATE]       EQ          32k
0138 C.          ÇÇ[HK1_X_TLM_BIT_RATE]      EQ          4M
0139 C.          ÇÇ[HK1_DMP_CHK_FLG]         EQ          EXEC
0140 C.
0141 . C.  YÄYÖY×¼¹İ»0ð³İÇ§
0142 C.          ÇÇ[HK1_DMP_CHK_FLG]         EQ          NON
0143 C.
0144 . C. RAM ID=TI_TBL0İ%È¹Ç•è²İOK0ð³İÇ§
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y¼.Yİ;¼YÈ;È0ðİá0¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          ÇÇ[HK1_PKT_FORM_NO]          EQ          2
0150 C.          ÇÇ[HK1_PKT_GEN_TIME]         EQ          0.5S
0151 C.          ÇÇ[HK1_S_TLM_BIT_RATE]       EQ          32K
0152 C.          ÇÇ[HK1_X_TLM_BIT_RATE]      EQ          4M
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2010-04-01 11:18:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC          (41)
0161 . C. -----
0162 C.      HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0163 C. -----
0164 C. ***** SOT END *****
0165 C.
0166 C. ***** XRT START *****
0167 C. Execute, after the success of OP upload.
0168 +. TI 2010-04-01 11:18:00.0
0169 DC 07-F0 MDP_XRT_MODE_STBY
0170 BC          (c3)
0171 . C.          [ ] [HK1_TI_CMD_NUM]      EQ          1COUNTUP
0172 C.
0173 C. ***** XRT END *****
0174 C.
0175 . C. ***** MDP `ûÄİ0İ»0¼Y0ÈÄ0¹0èDCBC•×²è *****
0176 C. (¼á°İYÖYÄYÈYbYÈYáYçYè0E¼0¼0¼Ä»Ü0¹0è)
0177 . S. DC-BC dcbc-402:DCBC
0178 (MDP_known_event)
0179 C.
0180 C.
0181 . C. ***** YDY¹•İ Daily±;İÑ0È`00¹0èDCBC•×²è *****
0182 . S. DC-BC dcbc-153:DCBC
0183 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0184 C.
0185 C.
0186 . C. ;äLOS¥ÁY§YÁY-¼Ä»Ü;ä
0187 C.
0188 . C. ***** LOS *****
0189 C.

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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 C.
0130 . C. ***** MDP 'ûÃîñî»ò¼ÿñÊÂðñ¹ñèDCBC•x²è *****
0131 C. (¼â°îÿÓÿÃÿÊÿPÿËÿâÿçÿèñ¼¼¼¼»Ûñ¹ñè)
0132 . S. DC-BC dcbc-402:DCBC
0133 (MDP_known_event)
0134 C.
0135 C.
0136 . C. ***** ÿDÿ¹•Ï Daily±;îÑñÊ'Øñ¹ñèDCBC•x²è *****
0137 . S. DC-BC dcbc-153:DCBC
0138 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0139 C.
0140 C.
0141 . C. ;ãLOSÿÃÿSÿÿÿ¼Ã»Û;ã
0142 C.
0143 . C. ***** LOS *****
0144 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-274 2010-04-01 11:56:20 112 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;Èø¿øÀø•µ°È»ÍxÁÇøíYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°Çøø•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 08 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0f 80 80 06 06)
0052 + DC 07-F0 MDP_XRT_AEC_RESET
0053 BC (d0)
0054 . C. ----- Success Verify ? OK / NG ____
0055 C.
0056 C.
0057 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0058 C.
0059 +. TI 2010-04-01 11:18:02.0
0060 DC 07-F0 MDP_XRT_MODE_OBSV
0061 BC (c2)
0062 . C. ----- Success Verify ? OK / NG ____
0063 C.
0064 C. ***** XRT END *****
0065 . C. *****
0066 C. SOT table upload
0067 C. *****
0068 . C. < Stop FG table >
0069 +. DC 07-F0 MDP_FG_CTRL_MANU
0070 BC (51)
0071 . C. -----
0072 C. MDP_FG_CTRL_MODE = MANU [ ]
0073 C. -----
0074 C.
0075 . C. <Upload FG Observation Table>
0076 . S. RAM ram-267:MDP_OBS_F
0077 ( )
0078 C.
0079 . C. < Dump RAMID=MDP_OBS_F >
0080 +. DC 07-F0 MDP_DUMP_FGTBL
0081 BC (82 07 00 00 00 38 b8)
0082 C. -----
0083 C. MDP_OBS_F verify = OK/NG [ ]
0084 C. -----
0085 C.
0086 C. *****
0087 C. SOT TI command set
0088 C. *****
0089 C. Execute, after the success of TBL upload.
0090 +. TI 2010-04-01 11:18:18.0
0091 DC 07-F0 MDP_SOT_MODE_OBSV
0092 BC (40)
0093 . C. -----
0094 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0095 C. -----
```

0096 C.
0097 C.
0098 . C. ***** MDP 'úÃîî»ò¼ŸñÊÂðñ¹ñèDCBC•x²è *****
0099 C. (¼ã°îŸÓŸÄŸÈŸPŸEŸáŸçŸèñ¼ñ¼Ä»Ûñ¹ñè)
0100 . S. DC-BC dcbc-402:DCBC
0101 (MDP_known_event)
0102 C.
0103 C.
0104 . C. ***** ŸÐŸ¹•î Daily±¿îÑñÈ´Øñ¹ñèDCBC•x²è *****
0105 . S. DC-BC dcbc-153:DCBC
0106 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0107 C.
0108 C.
0109 . C. ;ãLOSŸÁŸ§ŸÄŸ¬¼Ä»Û;ã
0110 C.
0111 . C. ***** LOS *****
0112 C.

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*** OP Sequence for XRT ***

2010/04/01	11:29:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/04/01	13:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	b8	e6
2010/04/01	14:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	b0	00
2010/04/01	14:44:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	14:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	14:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/04/01	15:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00	00	00	00
2010/04/01	15:00:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/04/01	15:00:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/04/01	15:00:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/04/01	15:00:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/01	15:02:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2010/04/01	15:02:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	02			
2010/04/01	15:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/01	16:19:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	16:42:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/01	16:43:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/01	17:56:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	18:19:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	18:19:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/04/01	18:19:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/04/01	18:19:46.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/04/01	18:19:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/04/01	18:19:50.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/01	18:22:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2010/04/01	18:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/01	18:29:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	18:29:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/04/01	18:29:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00	00	00	00
2010/04/01	18:29:46.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/04/01	18:29:48.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/04/01	18:29:50.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/04/01	18:29:52.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/01	18:32:26.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2010/04/01	18:32:28.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	02			
2010/04/01	18:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/01	19:33:00.5	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	19:56:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/01	19:57:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/01	21:10:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	21:33:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/01	21:34:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/01	22:48:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/01	23:08:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/01	23:09:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	00:25:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	00:33:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	00:34:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2010/04/02	01:49:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	02:07:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	02:08:30.5	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	03:24:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	03:45:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	03:46:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	04:54:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	05:22:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	05:23:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	06:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	06:04:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/04/02	06:05:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/04/02	06:05:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/04/02	06:05:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/04/02	06:05:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/02	06:07:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/04/02	06:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	06:14:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	06:14:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/04/02	06:15:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2010/04/02	06:15:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/04/02	06:15:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/04/02	06:15:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/04/02	06:15:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/02	06:17:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2010/04/02	06:17:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/04/02	06:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	06:34:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	07:00:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	07:01:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	08:15:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	08:36:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	08:37:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	09:55:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	10:10:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	10:11:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	15:19:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	15:33:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	15:34:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	15:39:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	15:42:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	15:43:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	16:55:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	17:19:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	17:20:30.5	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	17:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/04/02	18:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/04/02	18:00:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/04/02	18:00:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/04/02	18:00:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

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2010/04/02	18:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2010/04/02	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	18:09:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2010/04/02	18:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00 00 00 00			
2010/04/02	18:10:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/04/02	18:10:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/04/02	18:10:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/04/02	18:10:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/02	18:12:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2010/04/02	18:12:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	02			
2010/04/02	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	18:32:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	18:56:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	18:57:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	20:09:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	20:33:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	20:34:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	21:47:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	22:10:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	22:11:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/02	23:24:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/02	23:40:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/02	23:41:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/03	00:57:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	01:08:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/03	01:09:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/03	02:24:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	02:44:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/03	02:45:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/03	03:52:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	04:21:30.0	XRT_Custom_410_OG [0x19a]							
2010/04/03	04:22:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/03	05:32:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	06:08:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	06:08:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2010/04/03	06:09:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00 00 00 00			
2010/04/03	06:09:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/04/03	06:09:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/04/03	06:09:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/03	06:11:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2010/04/03	06:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/03	06:18:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	06:18:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2010/04/03	06:19:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00 00 00 00			
2010/04/03	06:19:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/04/03	06:19:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/04/03	06:19:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/04/03	06:19:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/04/03	06:21:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			

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2010/04/03	06:21:58.0	XRT_FL_PROG_SET_407_OG [0x197]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	02			
2010/04/03	06:22:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/03	07:12:30.0	XRT_CTRL_MANU_409_OG [0x199]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	07:36:30.0	XRT_Custom_410_OG [0x19a]								
2010/04/03	07:37:30.0	XRT_CTRL_AUTO_411_OG [0x19b]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/03	08:00:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	08:52:30.0	XRT_CTRL_MANU_409_OG [0x199]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/03	10:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]								
			AOCU_NM	5	02-76	00	00	00	00	00