

XRT Timeline to be uploaded on 2010/04/30

Period: 2010/04/30 10:13:00 - 2010/05/05 09:31:00

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Normal mode

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XOB #17B7: AR multifilter - Al/mesh,Ti/Poly, G-bandFOV 384 AEC2 Q95 (1min)												
Term	Pointing (x, y)	Comment										
04/30 10:26:00 - 04/30 17:39:00	Track (824.0, 273.9) @ 04/30 10:23:00	# OP start + 10min, observe filament for HOP-139										
04/30 18:31:30 - 05/01 00:59:30	Track (853.4, 268.8) @ 04/30 18:28:30	# Return to filament HOP-139										
PROG= 04 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 1 1-time(s) 2.0sec												
└─└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1024, 1024) Q=98 0 0 2.0sec												
└─ Subr= 1 60-time(s) 60.0sec												
└─┬─ Seqn= 84 1-time(s) 4.0sec												
└─└─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 2 0 2.0sec												
└─└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) 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										
04/30 18:21:30 - 04/30 18:28:24	Fixed (0.0, 0.0)	synoptic, shifted 18.5 min										
05/01 05:36:00 - 05/01 05:39:00	Fixed (0.0, 0.0)	synoptic, shifted manually & extended for 1 hour for SOT flat-fields.										
05/01 18:03:00 - 05/01 18:16:00	Fixed (0.0, 0.0)	synoptic										
05/02 06:11:00 - 05/02 06:14:00	Fixed (0.0, 0.0)	synoptic, shifted 8.0 min, extended for joint AIA obs.										
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 #17AD: Full-disk Full-Res Al/Mesh (256/4096), Ti/Poly (512/8192), Thick/Al (46s)- 2 loops												
Term	Pointing (x, y)	Comment										
05/01 05:39:32 - 05/01 06:33:30	Fixed (0.0, 0.0)	synoptic, shifted manually & extended for 1 hour for SOT flat-fields.										
05/02 06:14:32 - 05/02 06:27:54	Fixed (0.0, 0.0)	synoptic, shifted 8.0 min, extended for joint AIA obs.										
05/03 18:15:32 - 05/03 18:39:30	Fixed (0.0, 0.0)	# Disk center pointing for XRT										
PROG= 16 1-time(s)												
└─ Subr= 1 2-time(s) 300.0sec												
└─┬─ Seqn= 68 1-time(s) 2.0sec												
└─└─ Open/thick-Al Open/thick-Al close Safe Norm 45.2s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Seqn= 67 1-time(s) 2.0sec												
└─└─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─└─ Open/Al-mesh Open/Ti-poly close Safe Norm 4.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Seqn= 66 1-time(s) 2.0sec												
└─└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 0.5sec												
└─└─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 56 1-time(s) 2.0sec												
└─└─ Open/Ti-poly Open/Ti-poly close Safe Dark 1.00s Obs 1x1 2048x2048 (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												

XOB #17B8: Coronal cavity Al/mesh, Ti/poly, G-band-DPCM 2x2-768X768-FOV -AEC2-3min cadence												
Term	Pointing (x, y)	Comment										
05/01 07:11:36 - 05/01 17:59:54	Fixed (873.4, 264.6)	# Return to filament (fixed pointing for HOP-73)										
05/01 18:58:36 - 05/02 05:31:30	Fixed (873.4, 264.6)	# Return to filament (fixed pointing for HOP-73)										
05/02 06:31:00 - 05/02 10:25:00	Fixed (873.4, 264.6)	# Return to filament (fixed pointing for HOP-73)										
PROG= 10 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 87 1-time(s) 2.0sec												
└─└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1152, 1152) Q=95 0 0 2.0sec												
└─ Subr= 1 20-time(s) 180.0sec												
└─┬─ Seqn= 86 1-time(s) 2.0sec												
└─└─ Open/Al-mesh Open/Ti-poly close Safe Norm 1.00s Obs 2x2 768x768 (1152, 1152) DPCM 2 0 2.0sec												
└─┬─ Seqn= 85 1-time(s) 2.0sec												

L	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	768x768 (1152, 1152)	DPCM	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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NOT USED

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Active Region Search

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NOT USED

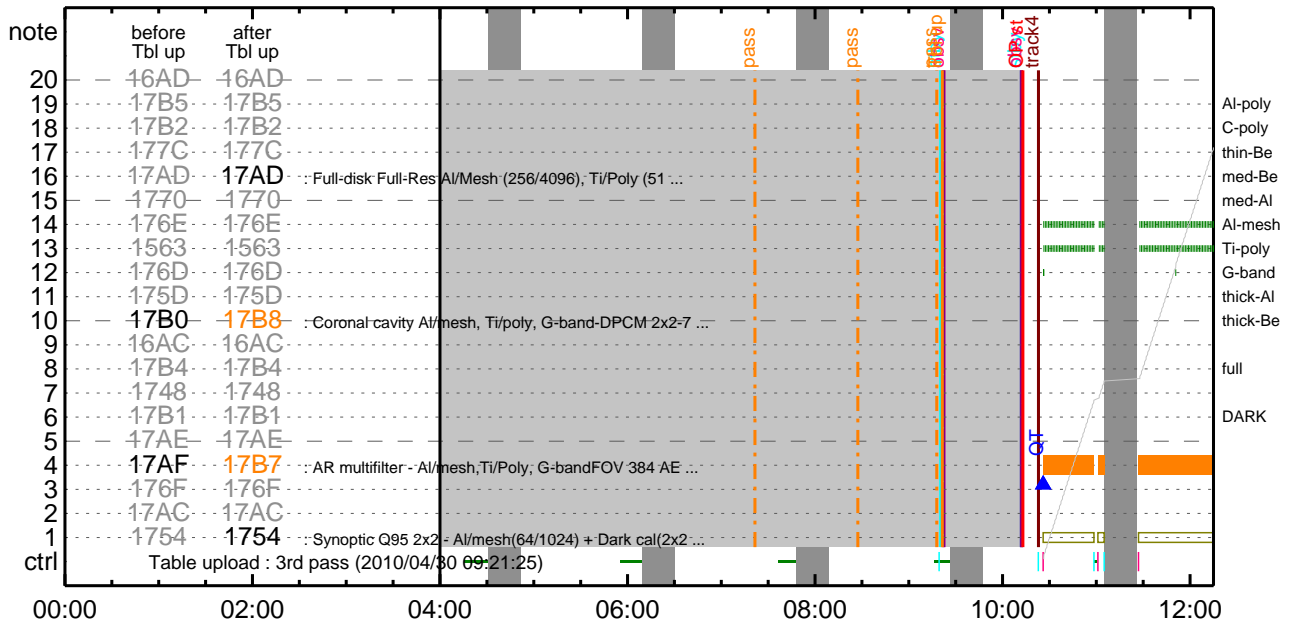
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Flare Detection

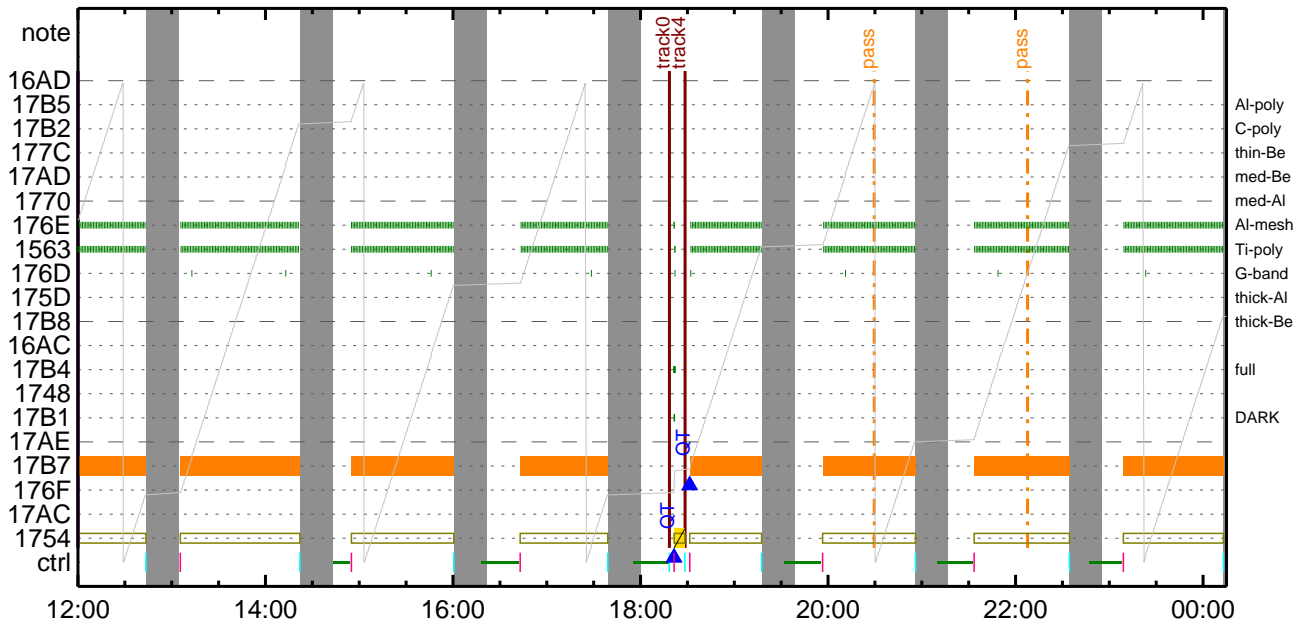
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FLD Patrol												
Term	Pointing (x, y)								Comment			
04/30 10:23:18 - 04/30 18:18:46	Track (824.0, 273.9)	@ 04/30 10:23:00						# OP start + 10min, observe filament for HOP-139				
04/30 18:28:48 - 05/01 05:33:16	Track (853.4, 268.8)	@ 04/30 18:28:30						# Return to filament HOP-139				
05/01 07:08:54 - 05/01 18:00:16	Fixed (873.4, 264.6)							# Return to filament (fixed pointing for HOP-73)				
05/01 18:55:54 - 05/02 06:08:16	Fixed (873.4, 264.6)							# Return to filament (fixed pointing for HOP-73)				
05/02 06:28:18 - 05/03 18:15:24	Fixed (873.4, 264.6)							# Return to filament (fixed pointing for HOP-73)				
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8	Q=50			30sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

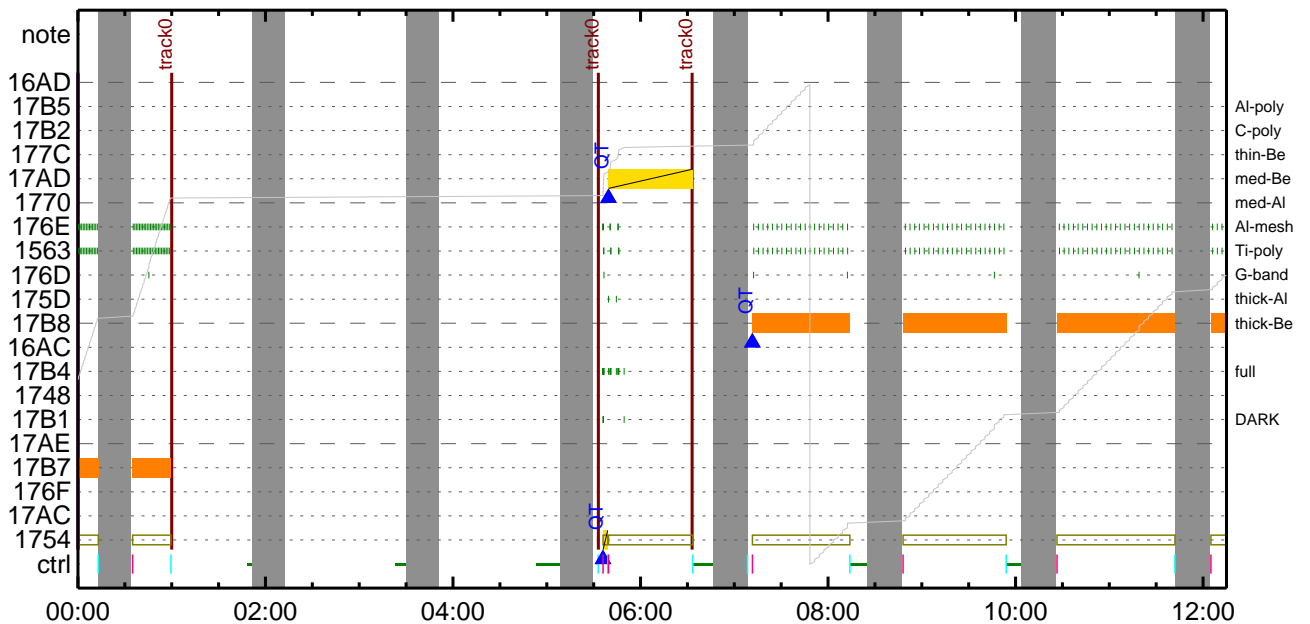
CMDI #0241 2010/04/30



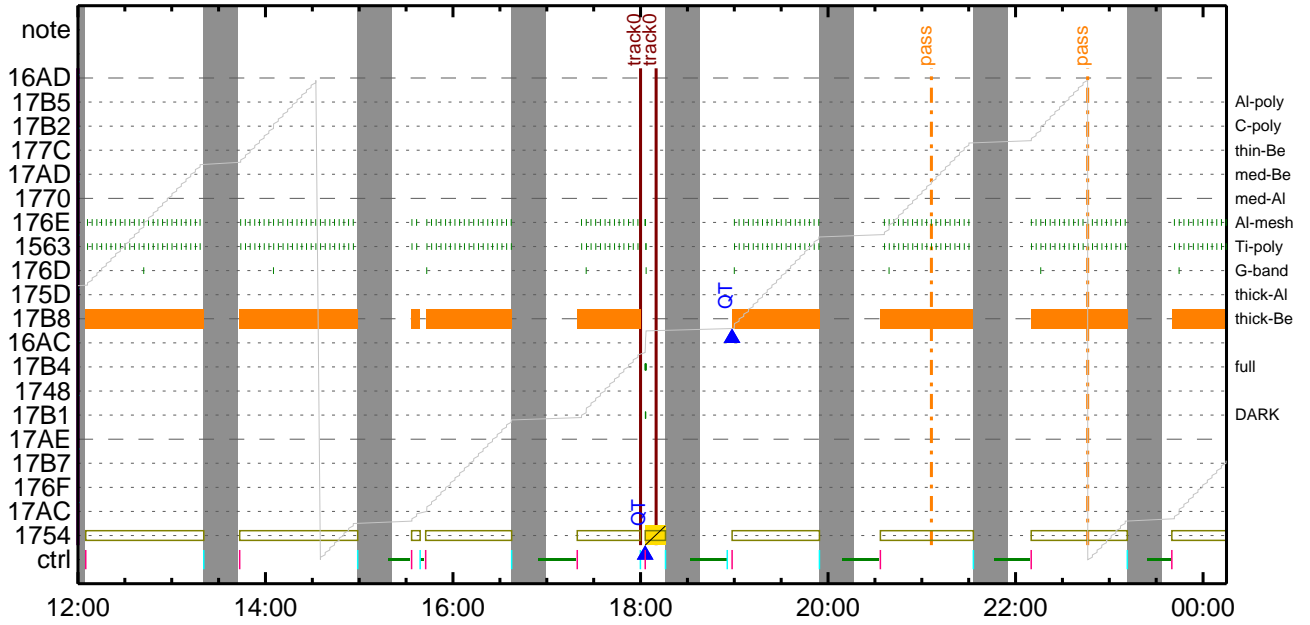
CMDI #0241 2010/04/30



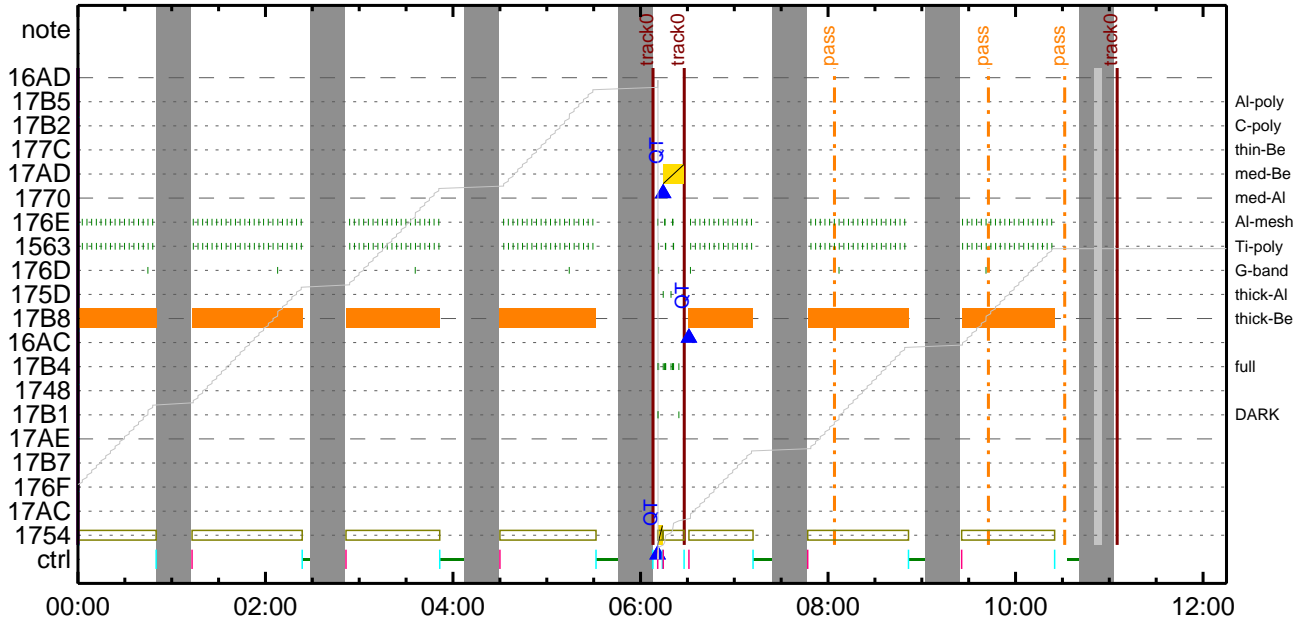
CMDI #0241 2010/05/01



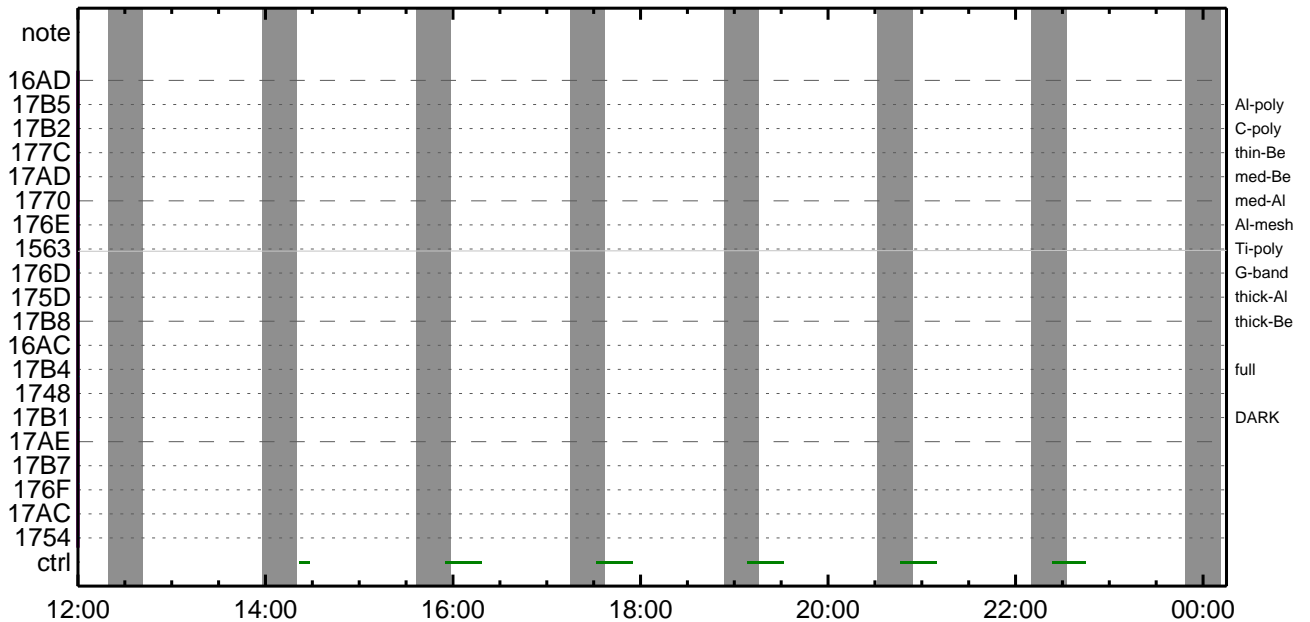
CMDI #0241 2010/05/01



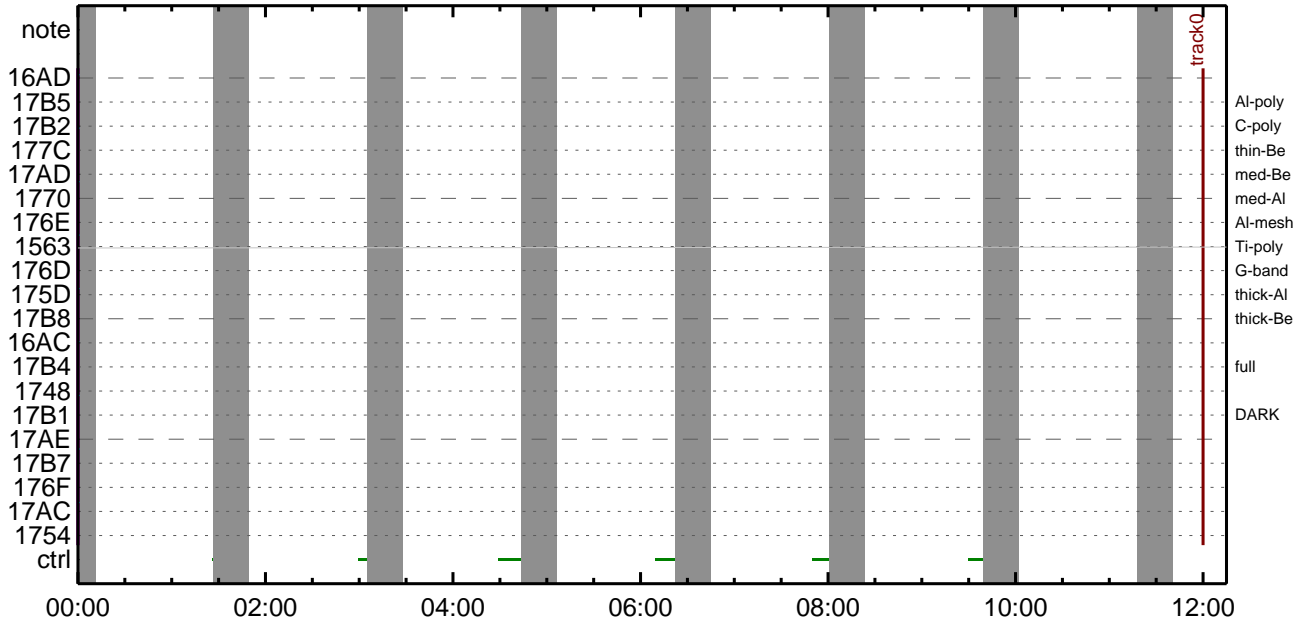
CMDI #0241 2010/05/02



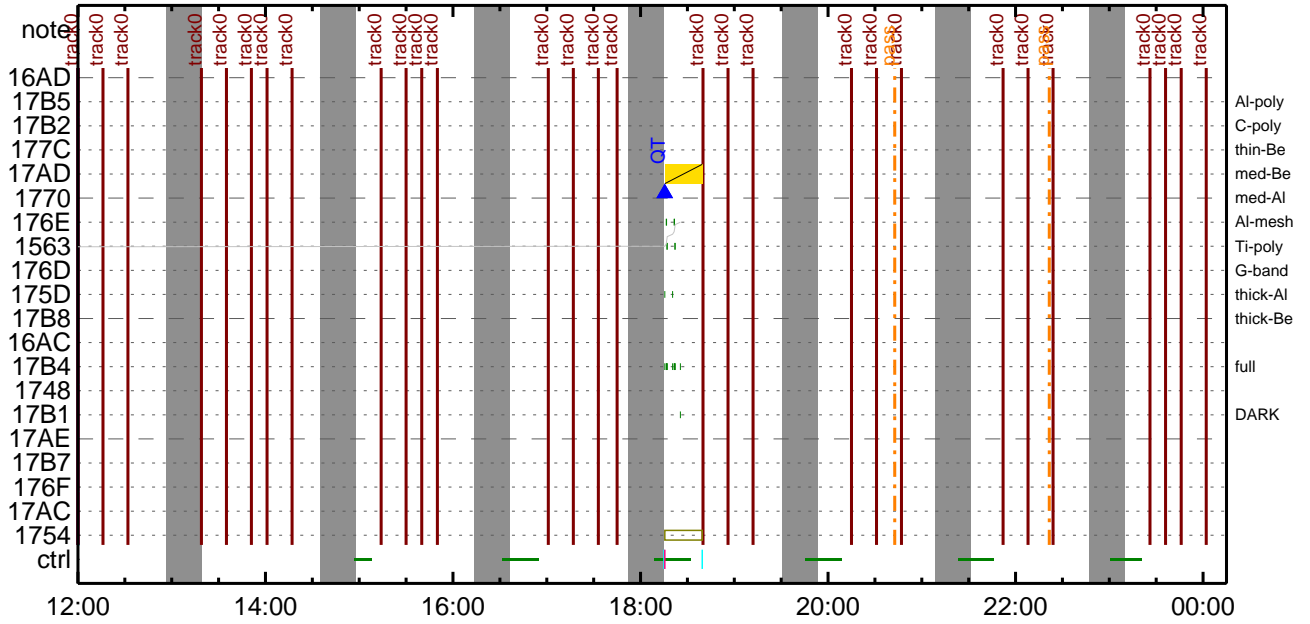
CMDI #0241 2010/05/02



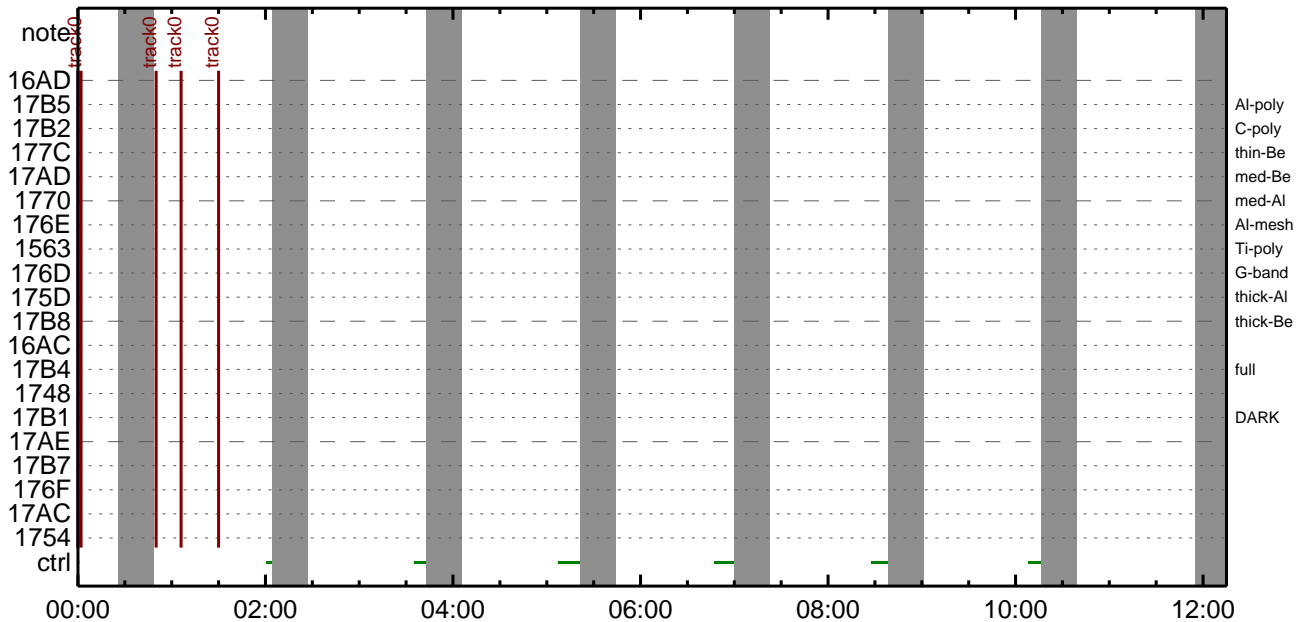
CMDI #0241 2010/05/03



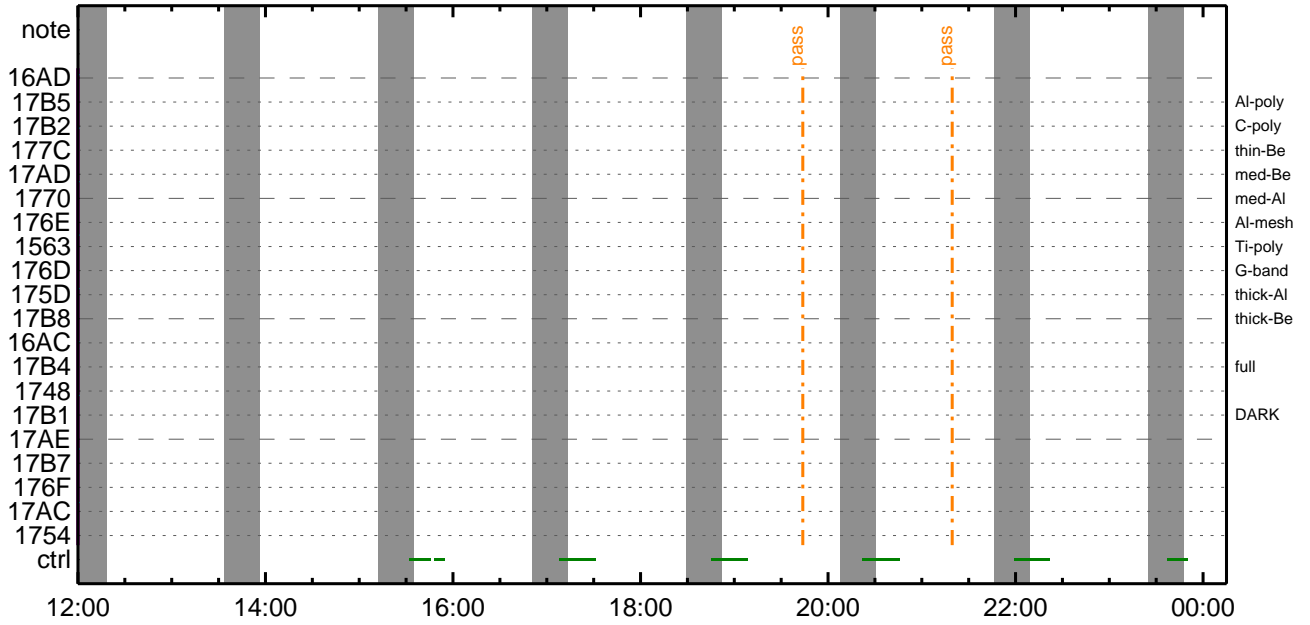
CMDI #0241 2010/05/03



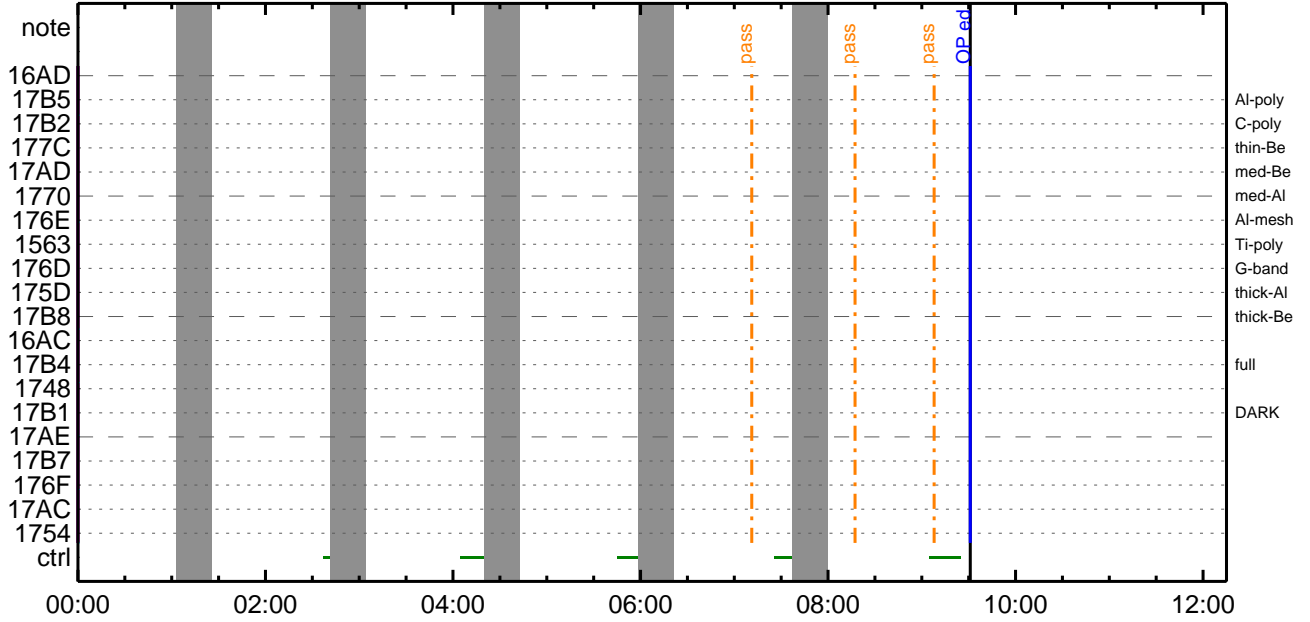
CMDI #0241 2010/05/04



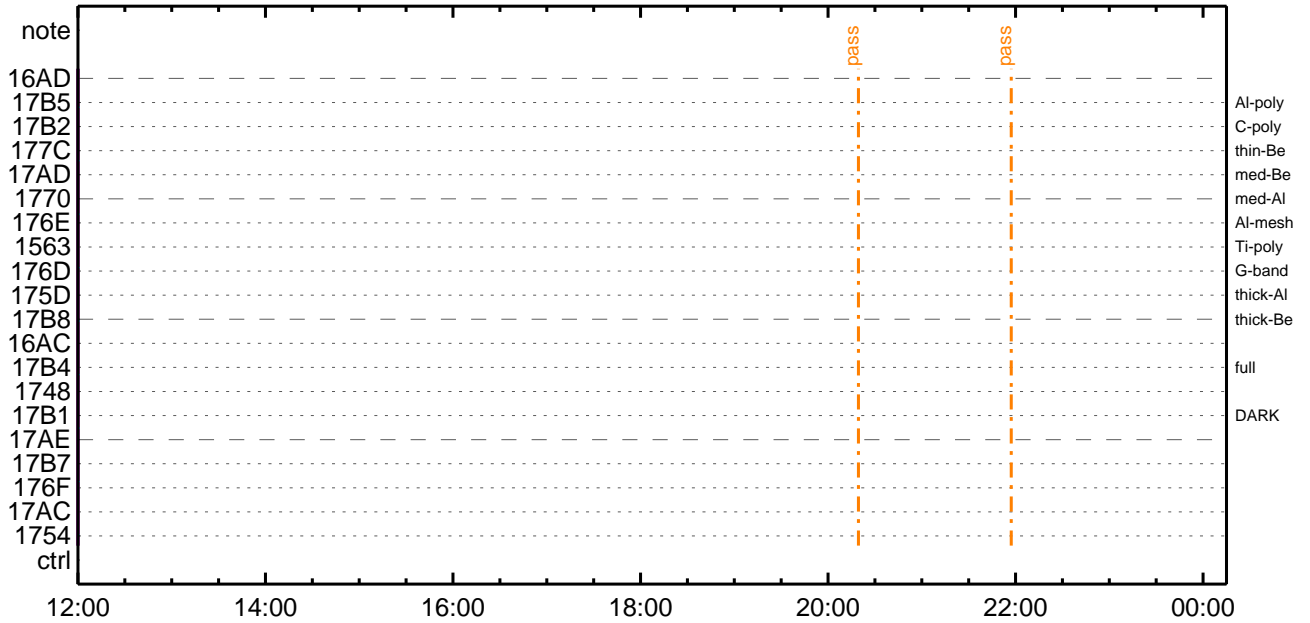
CMDI #0241 2010/05/04



CMDI #0241 2010/05/05



CMDI #0241 2010/05/05




```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



```

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. * AOCs Eü%È/Èü+çÈ%ÄêAUTOÄßÄê *
0131 C. *****
0132 C.
0133 . C. ***** Eü%ÈÈü+çÈ%ÄêαAUTOαÈα¹αè *****
0134 +. DC 02-50 AOCU_N/D_AUTO
0135 BC (1a)
0136 . C. çç <ORB>[S/W TIMER JDG] EQ AUTO
0137 C.
0138 C.
0139 C.
0140 C. ***** End of AOCs Special CMD *****
0141 . C.
0142 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0143 +. DC 07-FC EIS_MODE_MANU
0144 BC (21 02)
0145 . C. Verify EIS in MANUAL mode
0146 . C. Estimated OBSTBL upload time is 1m33s
0147 C. *****
0148 C. EIS START OBSTBL LOAD
0149 C. *****
0150 . S. RAM ram-821:EIS_OBSTBL
0151 ( )
0152 +. DC 07-FC EIS_DUMP_OBSTBL
0153 BC (07 07 07 00 00 70 00)
0154 C.
0155 C. Execute, after the success of OBSTBL upload.
0156 C. Set EIS TI-commands
0157 +. TI 2010-04-30 10:12:50.0
0158 DC 07-FC EIS_MODE_CHG_ENA
0159 BC (20)
0160 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0161 C. *****
0162 C. EIS END OBSTBL LOAD
0163 C. *****
0164 C.
0165 . C. ***** MDP `ûÃîçÍ»ö%ÝαÈÄα¹αèDCBC•x²è *****
0166 C. (%ã°îÿÓÿÄÿÈÿËÿËÿáÿçÿèαÈ%¼αα%Ä»Ûα¹αè)
0167 . S. DC-BC dcbc-402:DCBC
0168 (MDP_known_event)
0169 C.
0170 C.
0171 . C. ***** ¥Dÿ¹•İ Daily±çÍñαÈ´Øα¹αèDCBC•x²è *****
0172 . S. DC-BC dcbc-153:DCBC
0173 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0174 C.
0175 C.
0176 . C. ¡ãLOS¥Á¥$ÿÄÿ-¼Ä»Û;ã
0177 C.
0178 . C. ***** LOS *****
0179 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-335 2010-04-30 15:12:42 134 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Ä»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFYóYÉÁ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èççãã•µ°È»Í×ÁÇçíYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈèÈ¼°ÇÇã•çç¼í¹ççÍ;çÀ®, ùç¹ãèçãççÁ+ç®ç•çÈççç³çÈ;ç
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 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 08 08)
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 0b 90 90 0c 0c)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c 90 90 08 08)
0054 + DC 07-F0 MDP_XRT_AEC_RESET
0055 BC (d0)
0056 . C. ----- Success Verify ? OK / NG ____
0057 C.
0058 C.
0059 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0060 C.
0061 +. DC 07-F0 MDP_XRT_MODE_OBSV
0062 BC (c2)
0063 +. TI 2010-04-30 10:12:02.0
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-261: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. < Stop SP table >
0091 +. DC 07-F0 MDP_SP_CTRL_MANU
0092 BC (61)
0093 C. -----
0094 C. MDP_SP_CTRL_MODE = MANU [ ]
0095 C. -----
```

```

0096 C.
0097 . C. <Upload SP Observation Table>
0098 . S. RAM ram-284:MDP_OBS_S
0099 ( )
0100 C.
0101 . C. < Dump RAMID=MDP_OBS_S >
0102 +. DC 07-F0 MDP_DUMP_SPTBL
0103 BC (83 07 00 00 00 38 b8)
0104 C. -----
0105 C. MDP_OBS_S verify = OK/NG [ ]
0106 C. -----
0107 C.
0108 C. *****
0109 C. SOT TI command set
0110 C. *****
0111 C. Execute, after the success of TBL upload.
0112 +. TI 2010-04-30 10:12:18.0
0113 DC 07-F0 MDP_SOT_MODE_OBSV
0114 BC (40)
0115 . C. -----
0116 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0117 C. -----
0118 C.
0119 C.
0120 . C. ***** MDP `úÃîîî»ô%ÝðËÂð¹ñèDCBC•x²è *****
0121 C. (%Á°îÝÓÝÃÝÈÝÞÝËÝáÝçÝèñË¼ñ¼Á»Û¹ñè)
0122 . S. DC-BC dcbc-402:DCBC
0123 (MDP_known_event)
0124 C.
0125 C.
0126 . C. ***** ÝDÝ¹·Ï Daily±¿îÑñË´Ø¹ñèDCBC•x²è *****
0127 . S. DC-BC dcbc-153:DCBC
0128 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0129 C.
0130 C.
0131 . C. ¡ãLOSÝÁÝ$ÝÃÝ-¼Á»Û¹ñè
0132 C.
0133 . C. ***** LOS *****
0134 C.

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Apr 30, 10 15:13

XRT_OGLIST_0241.chk

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*** OP Sequence for XRT ***

2010/04/30	10:22:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	10:22:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/04/30	10:23:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2010/04/30	10:23:16.0	XRT_AEC_RESET_428_OG [0x1ac]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/04/30	10:23:18.0	XRT_FLD_ENA_402_OG [0x192]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/04/30	10:23:20.0	XRT_FLD_RESET_403_OG [0x193]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/04/30	10:23:22.0	XRT_FLRCTRL_DIS_414_OG [0x19e]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/04/30	10:23:24.0	XRT_ARS_DIS_405_OG [0x195]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/04/30	10:25:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2010/04/30	10:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	10:58:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	11:00:00.0	XRT_Custom_410_OG [0x19a]					
2010/04/30	11:01:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	11:05:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	11:26:00.0	XRT_Custom_410_OG [0x19a]					
2010/04/30	11:27:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	12:43:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	13:04:30.0	XRT_Custom_410_OG [0x19a]					
2010/04/30	13:05:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	14:22:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	14:54:00.0	XRT_Custom_410_OG [0x19a]					
2010/04/30	14:55:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	16:00:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	16:42:00.0	XRT_Custom_410_OG [0x19a]					
2010/04/30	16:43:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	17:39:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	18:18:24.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	18:18:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/04/30	18:18:30.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2010/04/30	18:18:46.0	XRT_FLD_DIS_413_OG [0x19d]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/04/30	18:18:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/04/30	18:18:50.0	XRT_ARS_DIS_415_OG [0x19f]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/04/30	18:21:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2010/04/30	18:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	18:28:24.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	18:28:26.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/04/30	18:28:30.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2010/04/30	18:28:46.0	XRT_AEC_RESET_428_OG [0x1ac]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/04/30	18:28:48.0	XRT_FLD_ENA_402_OG [0x192]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/04/30	18:28:50.0	XRT_FLD_RESET_403_OG [0x193]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/04/30	18:28:52.0	XRT_FLRCTRL_DIS_414_OG [0x19e]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/04/30	18:28:54.0	XRT_ARS_DIS_405_OG [0x195]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/04/30	18:31:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2010/04/30	18:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	19:17:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	19:55:30.0	XRT_Custom_410_OG [0x19a]					
2010/04/30	19:56:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/04/30	20:56:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/04/30	21:32:30.0	XRT_Custom_410_OG [0x19a]					

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2010/04/30	21:33:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/04/30	22:34:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/04/30	23:08:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/30	23:09:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	00:13:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	00:34:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	00:35:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	00:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	01:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 e8 7b b2 5f				
2010/05/01	05:32:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	05:32:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/01	05:33:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/01	05:33:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/01	05:33:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/01	05:33:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/01	05:35:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/05/01	05:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	05:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	05:39:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/01	05:39:22.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/01	05:39:24.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/01	05:39:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/01	05:39:28.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/01	05:39:30.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2010/05/01	05:39:32.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	06:33:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 e8 7b b2 5f				
2010/05/01	06:33:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	07:08:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	07:08:32.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/05/01	07:08:52.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/01	07:08:54.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/05/01	07:08:56.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/05/01	07:08:58.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/01	07:09:00.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/01	07:11:34.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2010/05/01	07:11:36.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	08:14:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	08:47:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	08:48:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	09:54:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	10:25:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	10:26:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	11:42:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	12:04:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	12:05:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	13:20:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	13:42:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	13:43:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	14:59:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	15:32:30.0	XRT_Custom_410_OG [0x19a]							

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2010/05/01	15:33:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	15:39:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	15:41:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	15:42:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	16:37:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	17:18:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	17:19:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	17:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/01	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/01	18:00:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/01	18:00:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/01	18:00:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/01	18:02:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/05/01	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	18:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 e8 7b b2 5f				
2010/05/01	18:16:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	18:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	18:55:32.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/05/01	18:55:52.0	XRT_AEC_RESET_428_OG [0x1ac]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/05/01	18:55:54.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/05/01	18:55:56.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/05/01	18:55:58.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/01	18:56:00.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/05/01	18:58:34.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2010/05/01	18:58:36.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	19:54:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	20:32:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	20:33:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	21:33:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	22:09:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	22:10:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/01	23:11:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/01	23:39:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/01	23:40:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/02	00:50:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/02	01:12:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/02	01:13:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/02	02:23:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/02	02:50:30.0	XRT_Custom_410_OG [0x19a]							
2010/05/02	02:51:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/02	03:51:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/02	04:29:00.0	XRT_Custom_410_OG [0x19a]							
2010/05/02	04:30:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/05/02	05:31:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/02	06:07:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/05/02	06:07:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/05/02	06:08:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/05/02	06:08:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/05/02	06:08:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/05/02	06:08:20.0	XRT_ARS_DIS_415_OG [0x19f]							

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2010/05/02	06:10:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/02	06:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01		
2010/05/02	06:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/02	06:14:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/02	06:14:22.0	XRT_AEC_RESET_428_OG [0x1ac]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2010/05/02	06:14:24.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2010/05/02	06:14:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/05/02	06:14:28.0	XRT_ARS_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/05/02	06:14:30.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/02	06:14:32.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10		
2010/05/02	06:27:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/02	06:27:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/02	06:28:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2010/05/02	06:28:16.0	XRT_AEC_RESET_428_OG [0x1ac]	AOCU_NM	5	02-76	00	e8	7b	b2 5f
2010/05/02	06:28:18.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2010/05/02	06:28:20.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/05/02	06:28:22.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/05/02	06:28:24.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/05/02	06:30:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/05/02	06:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2010/05/02	07:12:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/02	07:46:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/02	07:47:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/02	08:51:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/02	09:24:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/02	09:25:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/02	10:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/05/02	11:05:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/03	12:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00	00	00 00
2010/05/03	12:16:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	00	00	ac cd
2010/05/03	12:32:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	d6 67
2010/05/03	13:19:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	00	00	00 00
2010/05/03	13:35:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	00	00	29 99
2010/05/03	13:51:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00	00	00	53 33
2010/05/03	14:01:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00	d6	36	b7 8e
2010/05/03	14:17:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00	b4	b5	db 75
2010/05/03	15:14:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	ac	5b	00 00
2010/05/03	15:30:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00	b4	b5	24 8b
2010/05/03	15:40:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	d6	36	48 72
2010/05/03	15:50:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	29	ca	b7 8e
2010/05/03	17:01:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	4b	4b	db 75
2010/05/03	17:17:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	53	a5	00 00
2010/05/03	17:33:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00	4b	4b	24 8b
2010/05/03	17:45:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	29	db	48 72
2010/05/03	18:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	00	00	00	00 00
2010/05/03	18:15:02.0	XRT_FOCUS_POSITION_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/05/03	18:15:22.0	XRT_AEC_RESET_428_OG [0x1ac]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
			MDP_XRT_AEC_RESET	1	07-F0	d0			

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2010/05/03	18:15:24.0	XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS	1	07-F0	d9
2010/05/03	18:15:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/05/03	18:15:28.0	XRT_ARS_DIS_446_OG [0x1be] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/05/03	18:15:30.0	XRT_QT_PROG_SET_439_OG [0x1b7] MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2010/05/03	18:15:32.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/05/03	18:39:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/05/03	18:40:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 00 00 ac cd
2010/05/03	18:56:00.0	AOCS_ORe-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 00 00 d6 67
2010/05/03	19:12:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2010/05/03	20:15:00.0	AOCS_ORe-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 00 00 29 99
2010/05/03	20:31:00.0	AOCS_ORe-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00 00 00 53 33
2010/05/03	20:47:00.0	AOCS_ORe-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	00 d6 36 b7 8e
2010/05/03	21:52:00.0	AOCS_ORe-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00 b4 b5 db 75
2010/05/03	22:08:00.0	AOCS_ORe-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00 ac 5b 00 00
2010/05/03	22:24:00.0	AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00 b4 b5 24 8b
2010/05/03	23:26:00.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00 d6 36 48 72
2010/05/03	23:36:00.0	AOCS_ORe-point_Start_13_OG [0x0a3] AOCU_NM	5	02-76	00 29 ca b7 8e
2010/05/03	23:46:00.0	AOCS_ORe-point_Start_14_OG [0x0a4] AOCU_NM	5	02-76	00 4b 4b db 75
2010/05/04	00:02:00.0	AOCS_ORe-point_Start_15_OG [0x0a5] AOCU_NM	5	02-76	00 53 a5 00 00
2010/05/04	00:50:00.0	AOCS_ORe-point_Start_16_OG [0x0a6] AOCU_NM	5	02-76	00 4b 4b 24 8b
2010/05/04	01:06:00.0	AOCS_ORe-point_Start_17_OG [0x0a7] AOCU_NM	5	02-76	00 29 db 48 72
2010/05/04	01:30:00.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00