

XRT Timeline to be uploaded on 2010/06/25

Period: 2010/06/25 10:34:00 - 2010/06/29 10:33:00

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Normal mode

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XOB #17D5: AR Dynamics- Ti/Poly(384FOV) AEC2_3 Q95, G-band(512FOV) - 1min cadence													
Term	Pointing (x, y)							Comment					
06/25 10:47:00 - 06/25 13:00:30	Track (786.0, 393.4) ^{@ 06/25 10:44:00}	# OP start + 10min Track AR near W limb											
06/26 02:39:06 - 06/26 06:00:54	Fixed (820.0, 397.5)	Track NW AR											
PROG= 15 Inf.-time(s)													
└─ Subr= 1 1-time(s) 30.0sec													
└─ Seqn= 27 1-time(s) 30.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Subr= 2 15-time(s) 60.0sec													
└─ Seqn= 25 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= 26 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 #17B8: Coronal cavity Al/mesh, Ti/poly, G-band-DPCM 2x2-768X768-FOV -AEC2-3min cadence													
Term	Pointing (x, y)							Comment					
06/25 13:31:06 - 06/25 17:40:54	Fixed (445.0, 780.0)	HOP 73 w/SUMER											
PROG= 16 Inf.-time(s)													
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 31 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= 30 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= 29 1-time(s) 2.0sec													
	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	

XOB #17B9: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + G-band(16)													
Term	Pointing (x, y)							Comment					
06/25 17:44:00 - 06/25 17:56:00	Fixed (0.0, 0.0)	synoptic, shifted -19.0 min											
06/26 06:04:00 - 06/26 06:10:54	Fixed (0.0, 0.0)	synoptic, shifted 1.0 min											
PROG= 03 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 7 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16ms	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= 8 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	32ms	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 #17DA: HOP162-QS Al/mesh (4s) Ti/poly (8s), Thick-Al (65s), Thick-Be (65s) - 512FOV - 5min cadence													
Term	Pointing (x, y)							Comment					
06/25 18:40:06 - 06/25 23:58:30	Track (-27.6, 0.3) ^{@ 06/25 17:51:00}	# HOP 162 for Quiet Sun EIS BP trigger from 00:00-02:30											
PROG= 10 Inf.-time(s)													
└─ Subr= 1 1-time(s) 300.0sec													
└─ Seqn= 44 1-time(s) 40.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 45 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	64.0s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	30.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	30.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #17D4: AR Dynamics- Ti/Poly(384FOV) AEC2_3 Q95, G-band(512FOV) - 3min cadence												
Term	Pointing (x, y)							Comment				
06/26 06:14:00 - 06/26 09:38:30	Fixed (820.0, 397.5)	# Track NW AR (cont.)										
PROG= 14 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─ Seqn= 27 1-time(s) 30.0sec												

Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 15-time(s) 180.0sec												
Seqn= 25 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= 26 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
06/25 10:47:00 - 06/25 13:00:30	Track (786.0, 393.4) @ 06/25 10:44:00	# OP start + 10min Track AR near W limb
06/25 13:31:06 - 06/25 17:40:54	Fixed (445.0, 780.0)	HOP 73 w/SUMER
06/25 18:40:06 - 06/25 23:58:30	Track (-27.6, 0.3) @ 06/25 17:51:00	# HOP 162 for Quiet Sun EIS BP trigger from 00:00-02:30
06/26 02:39:06 - 06/26 06:00:54	Fixed (820.0, 397.5)	Track NW AR
06/26 06:14:00 - 06/26 09:38:30	Fixed (820.0, 397.5)	# Track NW AR (cont.)

PROG= 01 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

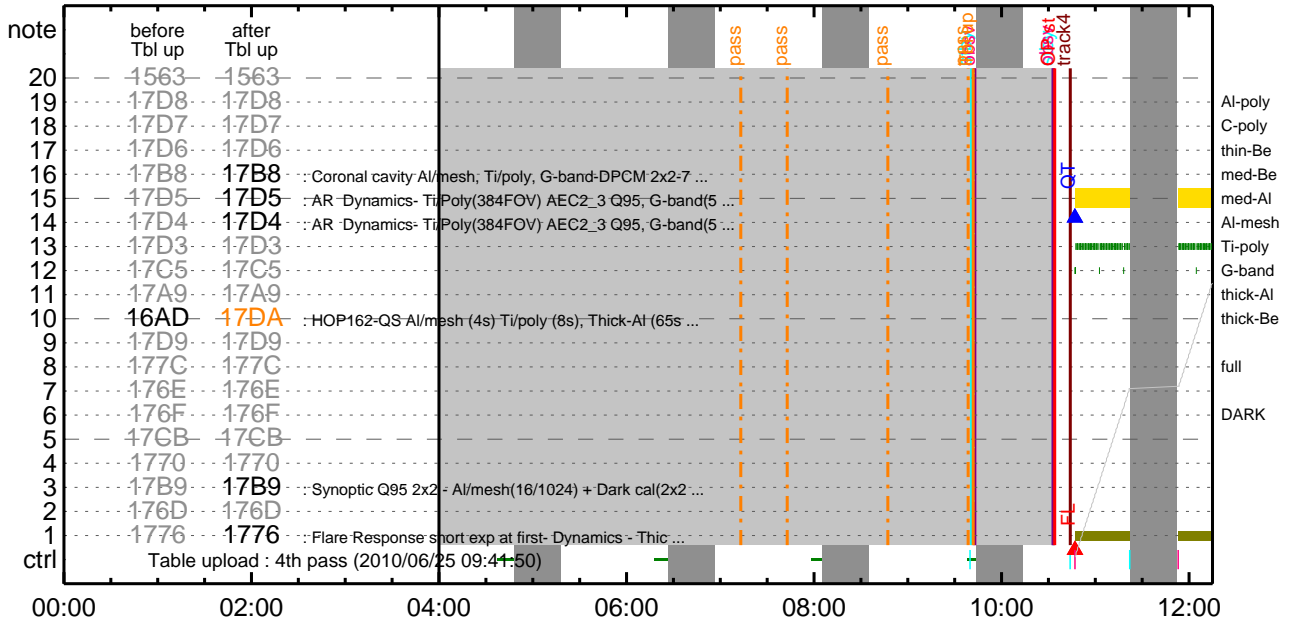
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Flare Detection

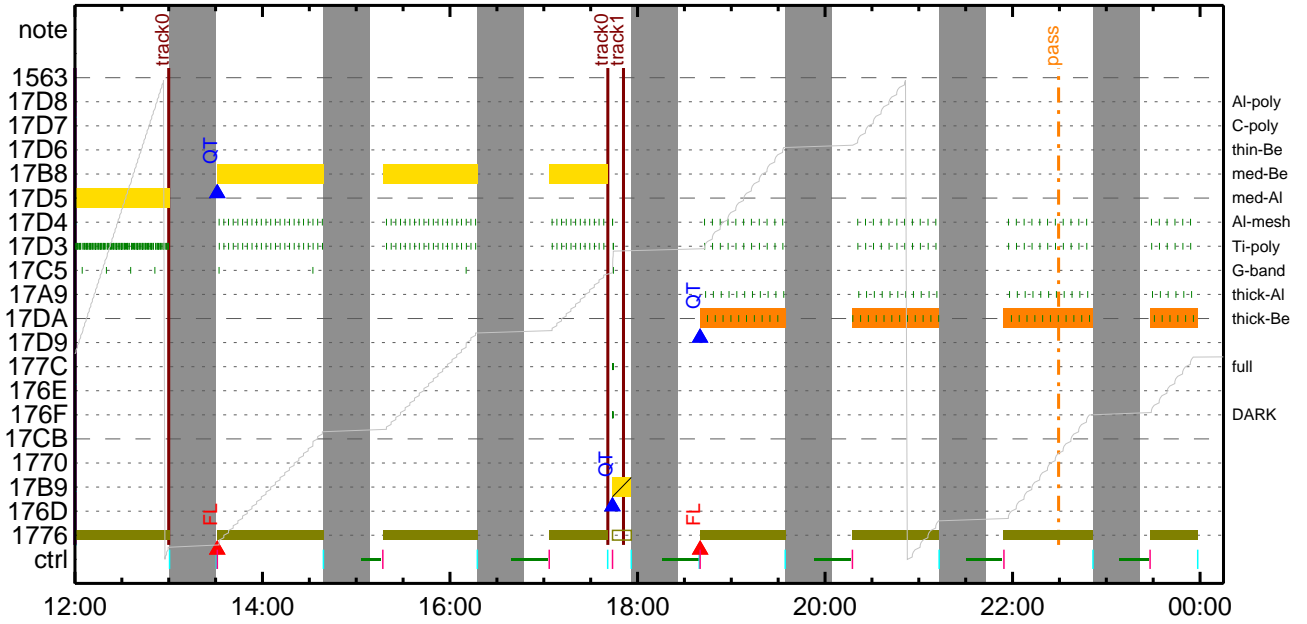
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FLD Patrol												
Term	Pointing (x, y)	Comment										
06/25 10:44:18 - 06/25 17:41:16	Track (786.0, 393.4) @ 06/25 10:44:00	# OP start + 10min Track AR near W limb										
06/25 18:39:54 - 06/26 06:01:16	Track (-27.6, 0.3) @ 06/25 17:51:00	# HOP 162 for Quiet Sun EIS BP trigger from 00:00-02:30										
06/26 06:11:18 - 06/29 10:33:00	Fixed (820.0, 397.5)	# Track NW AR (cont.)										
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	

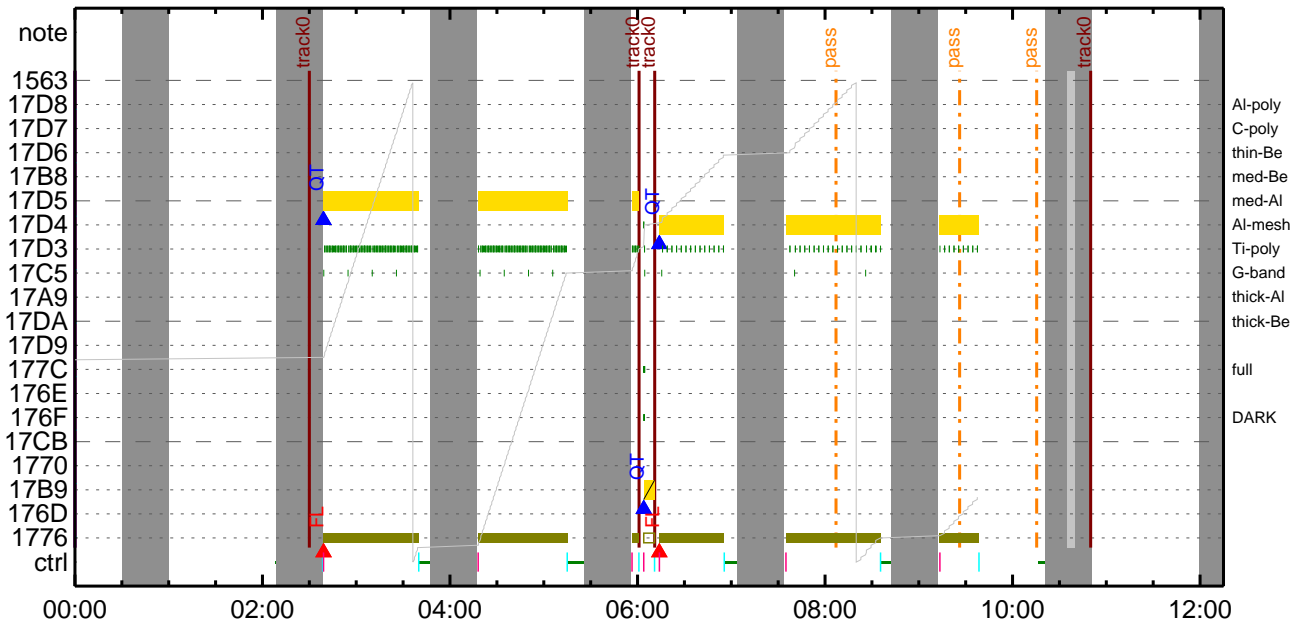
CMDI #0337 2010/06/25



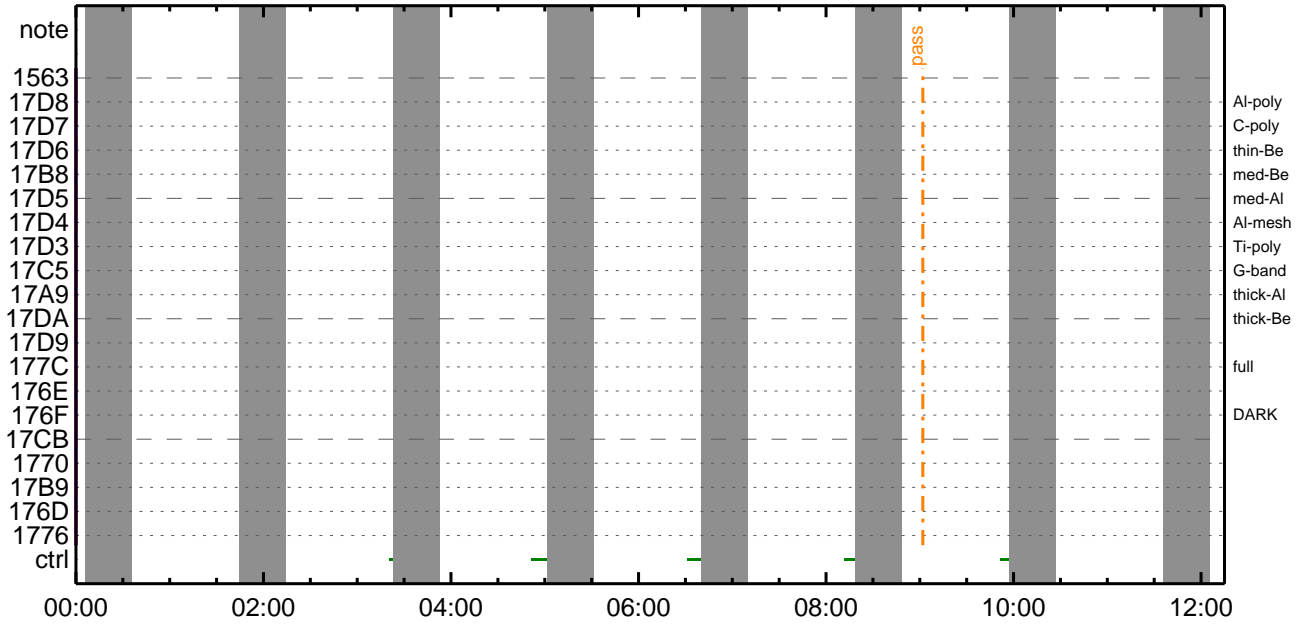
CMDI #0337 2010/06/25



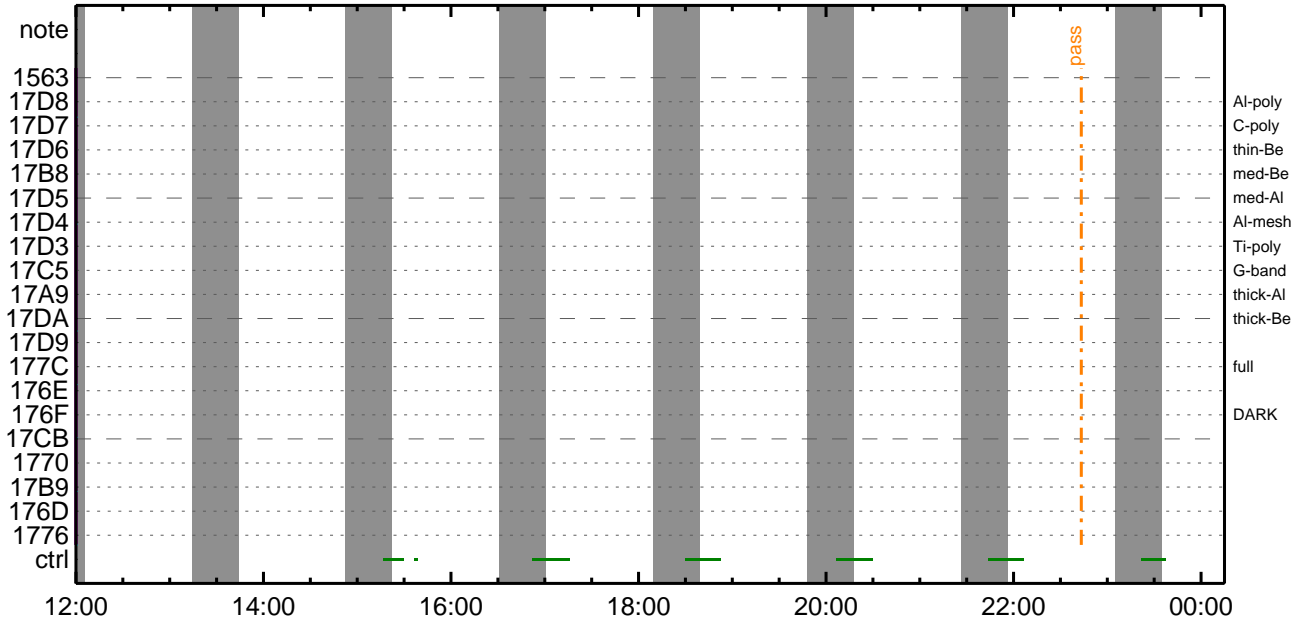
CMDI #0337 2010/06/26



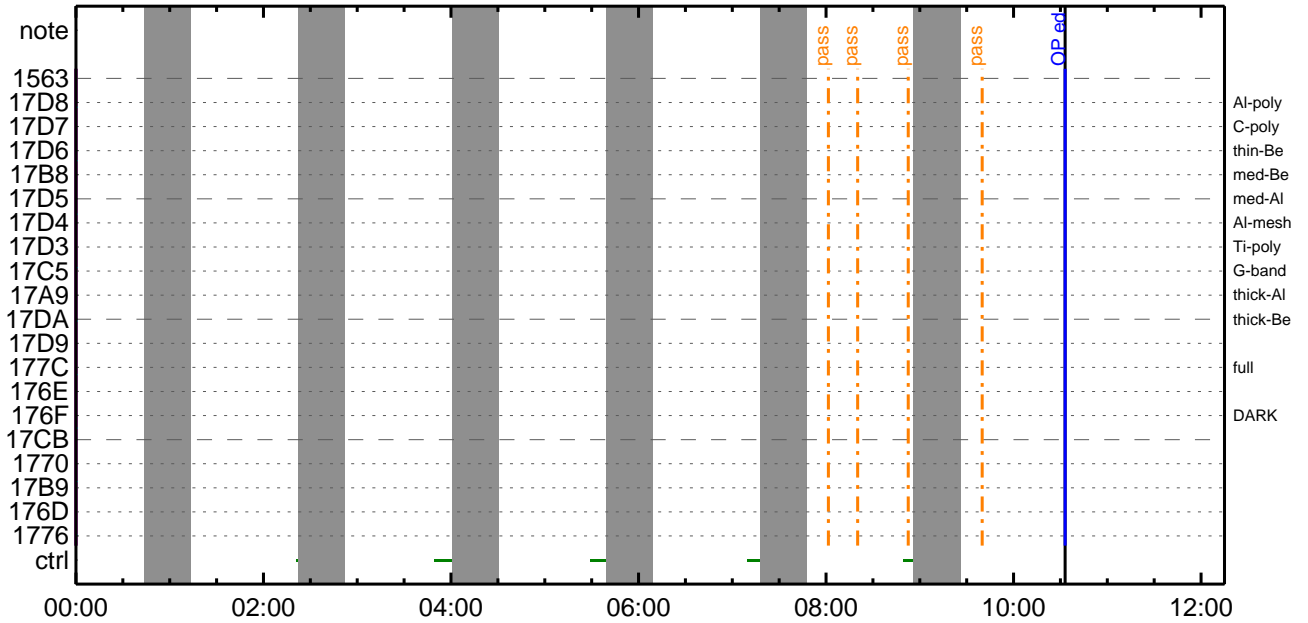
CMDI #0337 2010/06/28



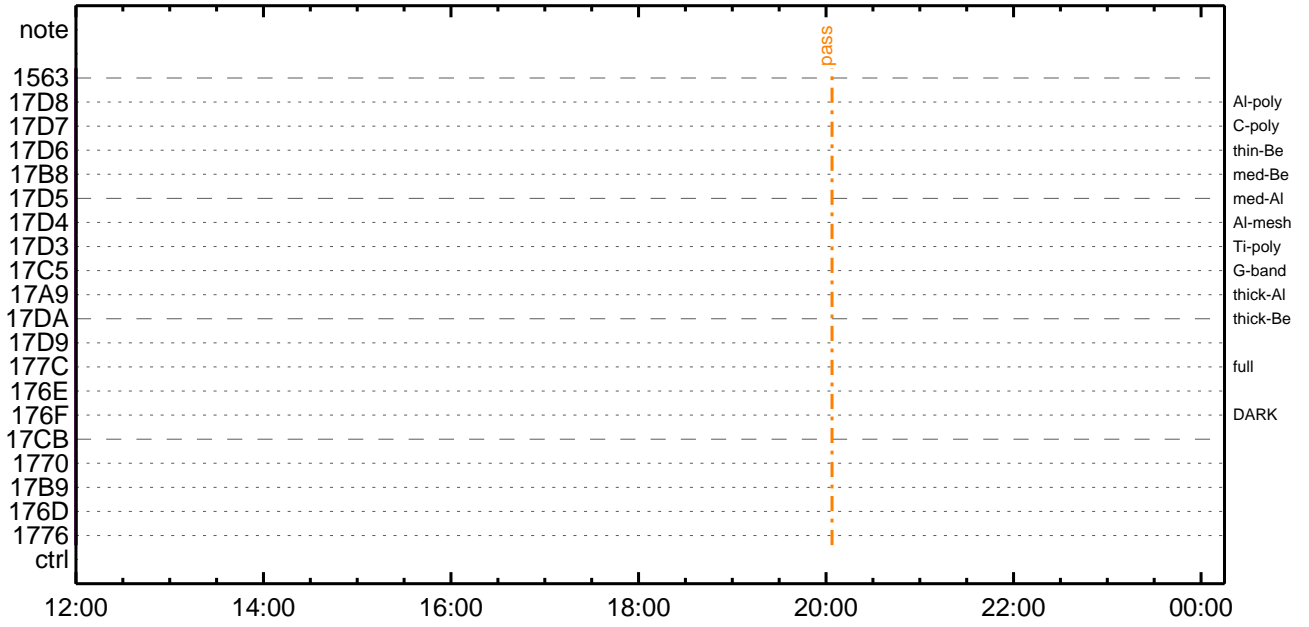
CMDI #0337 2010/06/28



CMDI #0337 2010/06/29



CMDI #0337 2010/06/29




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0096 C.
0097 C.
0098 C.
0099 . C. ***** MDP 'ûÃîñî»ò¼ŷñÊÃĐñ¹ñèDCBC•x²è *****
0100 C. (¼á°îŷÓŷÃŷÈŷŷŷÈŷáŷçŷèñ¼¼ñ¼¼Á»Ûñ¹ñè)
0101 . S. DC-BC dcbc-402:DCBC
0102 (MDP_known_event)
0103 C.
0104 C.
0105 . C. ***** ŷĐŷ¹•İ Daily±;İÑñÊ´Øñ¹ñèDCBC•x²è *****
0106 . S. DC-BC dcbc-153:DCBC
0107 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0108 C.
0109 C.
0110 . C. ;ãLOSŷÁŷŞŷÃŷ¹¼Á»Û;ã
0111 C.
0112 . C. ***** LOS *****
0113 C.
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0096 C.      õþò¿;çSETõEDUMPDİÆ±°i¥Ñ¥¹õÇ¹Òõ|õ³õE;£
0097 C.
0098 . C. TI¥³¥P¥Ø¥EõðÅDİ¿ (UT)
0099 +. TI 2010-06-25 10:29:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.      çç[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0102 C.
0103 +. TI 2010-06-25 10:29:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.      çç[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0106 C.
0107 +. TI 2010-06-25 10:29:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.      çç[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0110 C.
0111 +. TI 2010-06-25 10:33:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.      çç[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0114 C.
0115 C.      °E²¼õİÃè%ĩíÑõî¥Á¥§¥Å¥¹-¹àîÜ
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. TIİî°è¥Å¥Ø¥×
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. ¥Å¥Ø¥×¼¹¹»õð³İÇ§
0142 C.      çç[HK1_DMP_CHK_FLG]        EQ       NON
0143 C.
0144 . C. RAM ID=TI_TBLõİ¥E¹ç•è²İOKõð³İÇ§
0145 C.
0146 . C. DHU¥â;¼¥É;È¼¥½,¥î;¼¥È;Èõðİãõ¹
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 2010-06-25 10:33:16.0
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. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2010-06-25 10:33:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC      (21 02)
0174 +. TI 2010-06-25 10:33:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC      (22)
0177 . C.      [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2010-06-25 10:33:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC      (c3)
0187 . C.      [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 . C. ***** MDP `ũÃîîî»ð¼õÈÃõ¹õEDCBC•×²è *****
0192 C. (%ã°î¥Ø¥Å¥E¥P¥E¥Á¥ç¥èõE%¼õ¼Å»Üõ¹õé)
0193 . S. DC-BC dcbc-402:DCBC

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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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-433 2010-06-25 12:59:18 120 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;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»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÓø•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 85 83 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 90 90 0c 0c)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 90 90 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 20 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 20 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c 80 80 08 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 80 80 08 08)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0f 80 80 06 06)
0058 + DC 07-F0 MDP_XRT_AEC_RESET
0059 BC (d0)
0060 . C. ----- Success Verify ? OK / NG ____
0061 C.
0062 C.
0063 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0064 C.
0065 +. DC 07-F0 MDP_XRT_MODE_OBSV
0066 BC (c2)
0067 +. TI 2010-06-25 10:33:02.0
0068 DC 07-F0 MDP_XRT_MODE_OBSV
0069 BC (c2)
0070 . C. ----- Success Verify ? OK / NG ____
0071 C.
0072 C. ***** XRT END *****
0073 . C. *****
0074 C. SOT table upload
0075 C. *****
0076 . C. < Stop FG table >
0077 +. DC 07-F0 MDP_FG_CTRL_MANU
0078 BC (51)
0079 . C. -----
0080 C. MDP_FG_CTRL_MODE = MANU [ ]
0081 C. -----
0082 C.
0083 . C. <Upload FG Observation Table>
0084 . S. RAM ram-263:MDP_OBS_F
0085 ( )
0086 C.
0087 . C. < Dump RAMID=MDP_OBS_F >
0088 +. DC 07-F0 MDP_DUMP_FGTBL
0089 BC (82 07 00 00 00 38 b8)
0090 C. -----
0091 C. MDP_OBS_F verify = OK/NG [ ]
0092 C. -----
0093 C.
0094 C. *****
0095 C. SOT TI command set
```

```
0096 C. *****
0097 C. Execute, after the success of TBL upload.
0098 +. TI 2010-06-25 10:33:18.0
0099 DC 07-F0 MDP_SOT_MODE_OBSV
0100 BC (40)
0101 . C. -----
0102 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0103 C. -----
0104 C.
0105 C.
0106 . C. ***** MDP `uÃîaî»ö¼YøËÃÐa¹æDCBC•x²è *****
0107 C. (¼ã°îYÓYÃYËYËYËYãYçYèaË¼¼¼¼¼»Ûa¹æ)
0108 . S. DC-BC dcbc-402:DCBC
0109 (MDP_known_event)
0110 C.
0111 C.
0112 . C. ***** YDY¹•ï Daily±¿îÑaË'Øa¹æDCBC•x²è *****
0113 . S. DC-BC dcbc-153:DCBC
0114 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0115 C.
0116 C.
0117 . C. ;ãLOSÝÃYËYÃY-¼Ã»Û;ã
0118 C.
0119 . C. ***** LOS *****
0120 C.
```

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*** OP Sequence for XRT ***

2010/06/25	10:43:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	10:43:56.0	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/06/25	10:44:00.0	AOCS_ORe-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2010/06/25	10:44:16.0	XRT_AEC_RESET_410_OG [0x19a]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/06/25	10:44:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/06/25	10:44:20.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/06/25	10:44:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/06/25	10:44:24.0	XRT_ARS_DIS_431_OG [0x1af]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/06/25	10:46:56.0	XRT_QT_PROG_SET_414_OG [0x19e]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2010/06/25	10:46:58.0	XRT_FL_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2010/06/25	10:47:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/06/25	11:22:00.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	11:52:00.0	XRT_Custom_418_OG [0x1a2]					
2010/06/25	11:53:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/06/25	13:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 ba a8 d8 73		
2010/06/25	13:00:30.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	13:30:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	13:30:32.0	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/06/25	13:30:52.0	XRT_AEC_RESET_410_OG [0x19a]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/06/25	13:30:54.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/06/25	13:30:56.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/06/25	13:30:58.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/06/25	13:31:00.0	XRT_ARS_DIS_435_OG [0x1b3]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/06/25	13:31:02.0	XRT_QT_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2010/06/25	13:31:04.0	XRT_FL_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2010/06/25	13:31:06.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/06/25	14:39:00.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	15:16:00.0	XRT_Custom_418_OG [0x1a2]					
2010/06/25	15:17:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/06/25	16:17:30.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	17:02:30.0	XRT_Custom_418_OG [0x1a2]					
2010/06/25	17:03:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/06/25	17:40:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	17:40:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/06/25	17:41:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2010/06/25	17:41:16.0	XRT_FLD_DIS_402_OG [0x192]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/06/25	17:41:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/06/25	17:41:20.0	XRT_ARS_DIS_404_OG [0x194]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/06/25	17:43:58.0	XRT_QT_PROG_SET_407_OG [0x197]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2010/06/25	17:44:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/06/25	17:51:00.0	AOCS_ORe-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2010/06/25	17:56:00.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	18:39:30.5	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/06/25	18:39:32.5	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/06/25	18:39:52.5	XRT_AEC_RESET_410_OG [0x19a]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/06/25	18:39:54.5	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/06/25	18:39:56.5	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		

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2010/06/25	18:39:58.5	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/25	18:40:00.5	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/25	18:40:02.5	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2010/06/25	18:40:04.5	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/25	18:40:06.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/25	19:34:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/25	20:16:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/25	20:17:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/25	21:13:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/25	21:53:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/25	21:54:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/25	22:51:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/25	23:27:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/25	23:28:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/25	23:58:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	02:30:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	dc ad b7 1b			
2010/06/26	02:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	02:38:32.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2010/06/26	02:38:52.0	XRT_AEC_RESET_410_OG [0x19a]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/06/26	02:38:54.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/26	02:38:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/26	02:38:58.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/26	02:39:00.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/26	02:39:02.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2010/06/26	02:39:04.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/26	02:39:06.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	03:40:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	04:17:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	04:18:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	05:15:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	05:55:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	05:56:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	06:00:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	06:00:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2010/06/26	06:01:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00 00 00 00			
2010/06/26	06:01:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/06/26	06:01:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/06/26	06:01:20.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/26	06:03:58.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/06/26	06:04:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	06:10:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	06:10:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2010/06/26	06:11:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	dc ad b7 1b			
2010/06/26	06:11:16.0	XRT_AEC_RESET_410_OG [0x19a]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/06/26	06:11:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/06/26	06:11:20.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/06/26	06:11:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/06/26	06:11:24.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/06/26	06:13:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			

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2010/06/26	06:13:58.0	XRT_FL_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2010/06/26	06:14:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	06:55:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	07:34:00.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	07:35:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	08:35:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	09:12:30.0	XRT_Custom_418_OG [0x1a2]							
2010/06/26	09:13:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/06/26	09:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/06/26	10:50:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00