

XRT Timeline to be uploaded on 2010/03/06

Period: 2010/03/06 09:23:00 - 2010/03/11 10:17:00

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Normal mode

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XOB #1789: AR Band during South Polar Monitor - 1024x512 - Ti/Poly - 2x2 - AEC 1-2												
Term	Pointing (x, y)	Comment										
03/06 09:36:00 - 03/06 14:59:54	Track (0.0, -830.0) ^{03/06 09:33:00}	# OP start + 10min, HOP 146, SW source regions, S pole.										
PROG= 06 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 12 1-time(s) 60.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	1024x512 (1024, 1024)	Q=95	1	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1781: HOP 144 - Ti/Poly - 384x384 - AEC 1 - 40s - G-band Co-align												
Term	Pointing (x, y)	Comment										
03/06 15:03:00 - 03/06 18:59:54	Fixed (899.0, -272.0)	* HOP 144, spicules near AR at W limb.										
03/06 19:13:00 - 03/07 05:59:54	Fixed (899.0, -272.0)	# AR 11052 at and beyond the W limb.										
03/07 16:13:00 - 03/07 18:59:00	Fixed (-16.0, -921.0)	# HOP 101 helioseismology of S pole.										
PROG= 01 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 3 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
└─ Seqn= 9 20-time(s) 40.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1772: Synoptic Q95 2x2 - Al/mesh(33/512) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(64/1024) + G-band(16)-2												
Term	Pointing (x, y)	Comment										
03/06 19:03:00 - 03/06 19:09:54	Fixed (0.0, 0.0)	synoptic, shifted manually.										
03/07 06:03:00 - 03/07 06:09:54	Fixed (0.0, 0.0)	synoptic										
03/07 16:03:00 - 03/07 16:09:54	Fixed (0.0, 0.0)	synoptic, shifted manually.										
03/08 08:13:00 - 03/08 09:59:54	Fixed (0.0, 0.0)	synoptic, shifted manually.										
03/08 18:13:00 - 03/08 18:19:54	Fixed (0.0, 0.0)	synoptic, shifted 10.0 min										
03/09 06:00:00 - 03/09 06:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min										
PROG= 03 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 5 1-time(s) 4.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 10 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= 1 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 8 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 #178A: HOP 144 - Ti/Poly - 384x384 - AEC 1 - 90s - G-band Co-align												
Term	Pointing (x, y)	Comment										
03/07 06:13:00 - 03/07 15:59:54	Fixed (899.0, -272.0)	# Cont.										
03/08 18:23:00 - 03/09 05:56:54	Track (188.7, 519.3) ^{03/08 18:20:00}	# Cont.										
03/09 06:10:00 - 03/09 09:14:35	Track (281.9, 515.9) ^{03/09 06:07:00}	# Cont.										
PROG= 07 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 3 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
└─ Seqn= 9 20-time(s) 90.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #178B: Synoptic Q95 2x2 - Al/mesh(33/512) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(64/1024) + G-band(16)+												
Term	Pointing (x, y)	Comment										
03/08 10:03:00 - 03/08 16:09:30	Track (-23.3, -0.1) ^{03/08 10:00:00}	* EIS sensitivity monitoring near Sun center, and SOT flat fields.										
03/08 16:34:00 - 03/08 18:09:54	Track (161.8, 520.1) ^{03/08 15:00:00}	* Track AR area in N.										
PROG= 05 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 5 1-time(s) 4.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Seqn= 10		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= 1		1-time(s)		4.0sec											
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	63ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
Seqn= 8		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		
Seqn= 11		1-time(s)		2.0sec											
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	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			

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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									
03/06 09:36:00 - 03/06 14:59:54	Track (0.0, -830.0) @ 03/06 09:33:00		# OP start + 10min, HOP 146, SW source regions, S pole.									
03/06 15:03:00 - 03/06 18:59:54	Fixed (899.0, -272.0)		* HOP 144, spicules near AR at W limb.									
03/06 19:13:00 - 03/07 05:59:54	Fixed (899.0, -272.0)		# AR 11052 at and beyond the W limb.									
03/07 06:13:00 - 03/07 15:59:54	Fixed (899.0, -272.0)		# Cont.									
03/07 16:13:00 - 03/07 18:59:00	Fixed (-16.0, -921.0)		# HOP 101 helioseismology of S pole.									
03/08 10:03:00 - 03/08 16:09:30	Track (-23.3, -0.1) @ 03/08 10:00:00		* EIS sensitivity monitoring near Sun center, and SOT flat fields.									
03/08 16:34:00 - 03/08 18:09:54	Track (161.8, 520.1) @ 03/08 15:00:00		* Track AR area in N.									
03/08 18:23:00 - 03/09 05:56:54	Track (188.7, 519.3) @ 03/08 18:20:00		# Cont.									
03/09 06:10:00 - 03/09 09:14:35	Track (281.9, 515.9) @ 03/09 06:07:00		# Cont.									

PROG= 04		1-time(s)													
Subr= 1		2-time(s)		2.0sec											
Seqn= 7		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= 7		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= 7		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

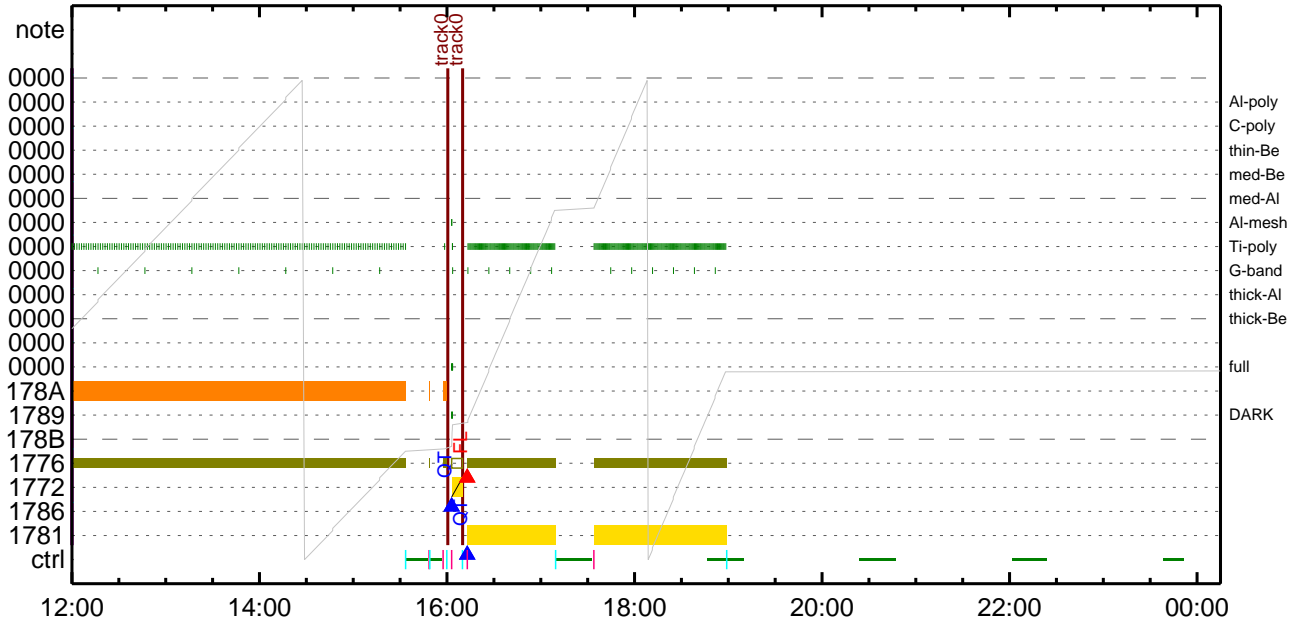
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Flare Detection

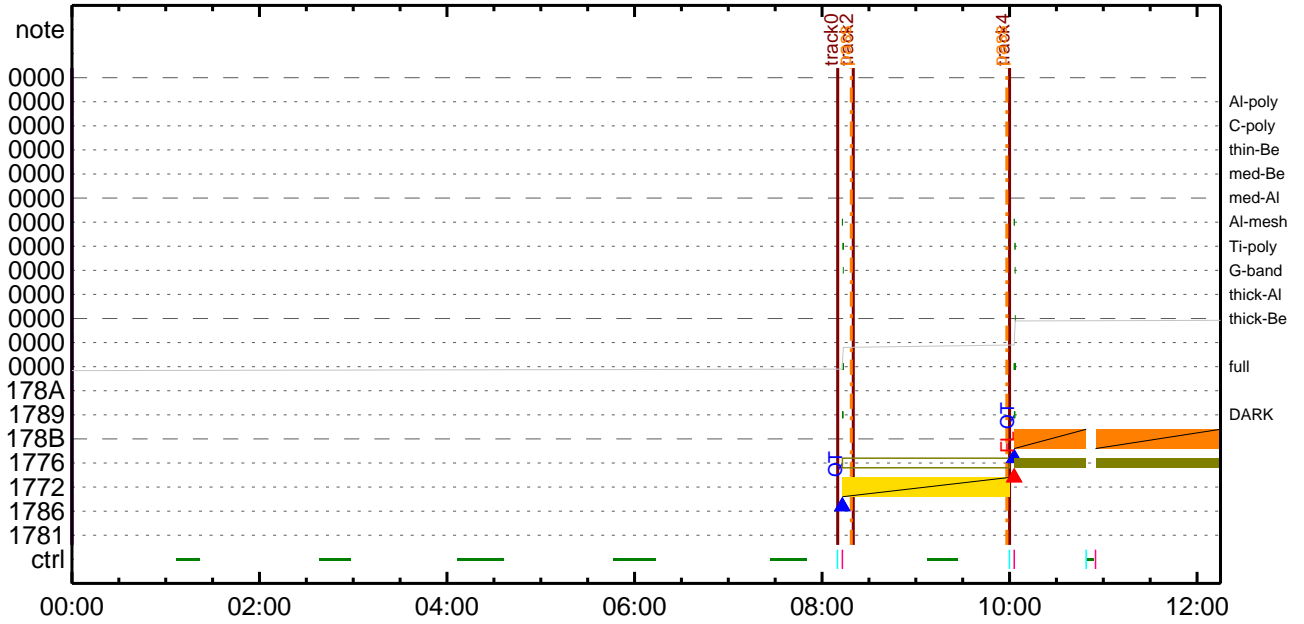
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FLD Patrol												
Term	Pointing (x, y)		Comment									
03/06 09:33:16 - 03/06 19:00:16	Track (0.0, -830.0) @ 03/06 09:33:00		# OP start + 10min, HOP 146, SW source regions, S pole.									
03/06 19:10:16 - 03/07 06:00:16	Fixed (899.0, -272.0)		# AR 11052 at and beyond the W limb.									
03/07 06:10:16 - 03/07 16:00:16	Fixed (899.0, -272.0)		# Cont.									
03/07 16:10:16 - 03/08 08:10:16	Fixed (-16.0, -921.0)		# HOP 101 helioseismology of S pole.									
03/08 10:00:16 - 03/08 18:10:16	Track (-23.3, -0.1) @ 03/08 10:00:00		* EIS sensitivity monitoring near Sun center, and SOT flat fields.									
03/08 18:20:16 - 03/09 05:57:16	Track (188.7, 519.3) @ 03/08 18:20:00		# Cont.									
03/09 06:07:16 - 03/11 10:17:00	Track (281.9, 515.9) @ 03/09 06:07:00		# 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

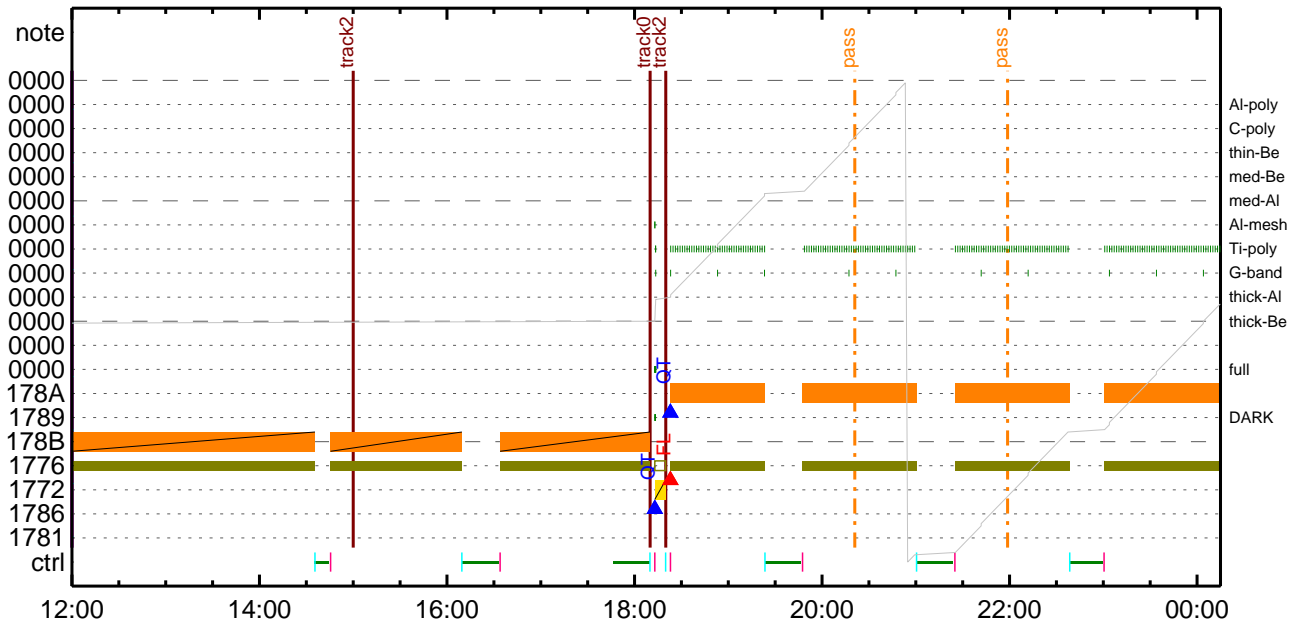
CMDI #0133 2010/03/07



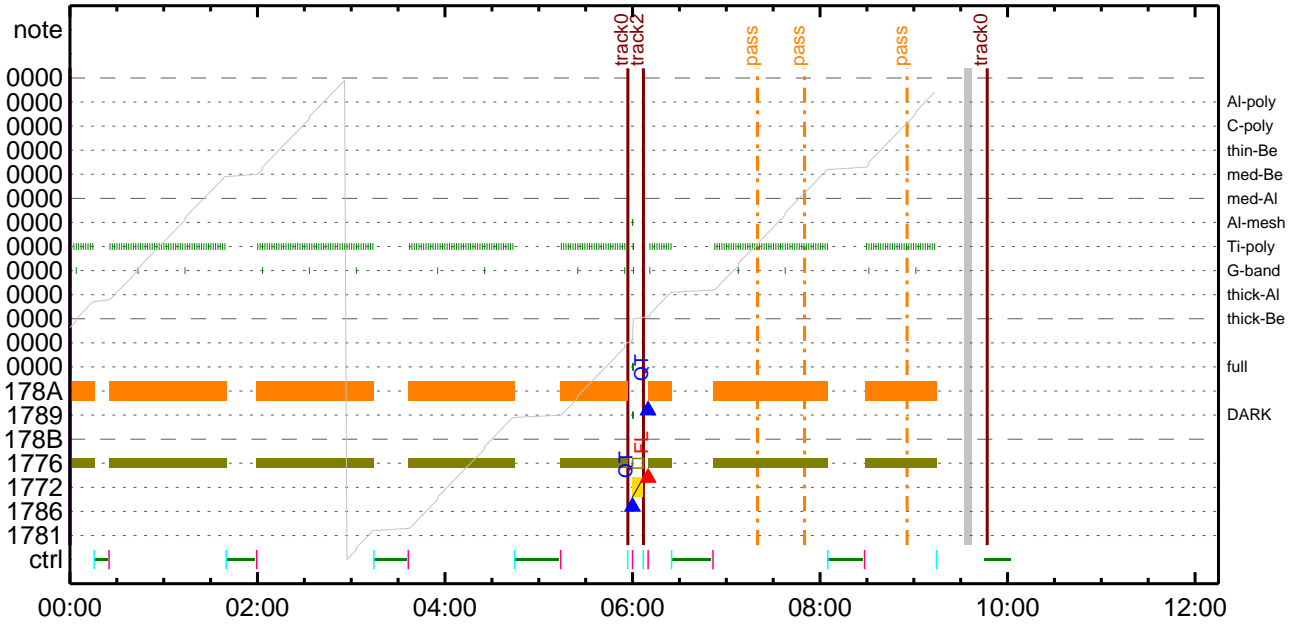
CMDI #0133 2010/03/08



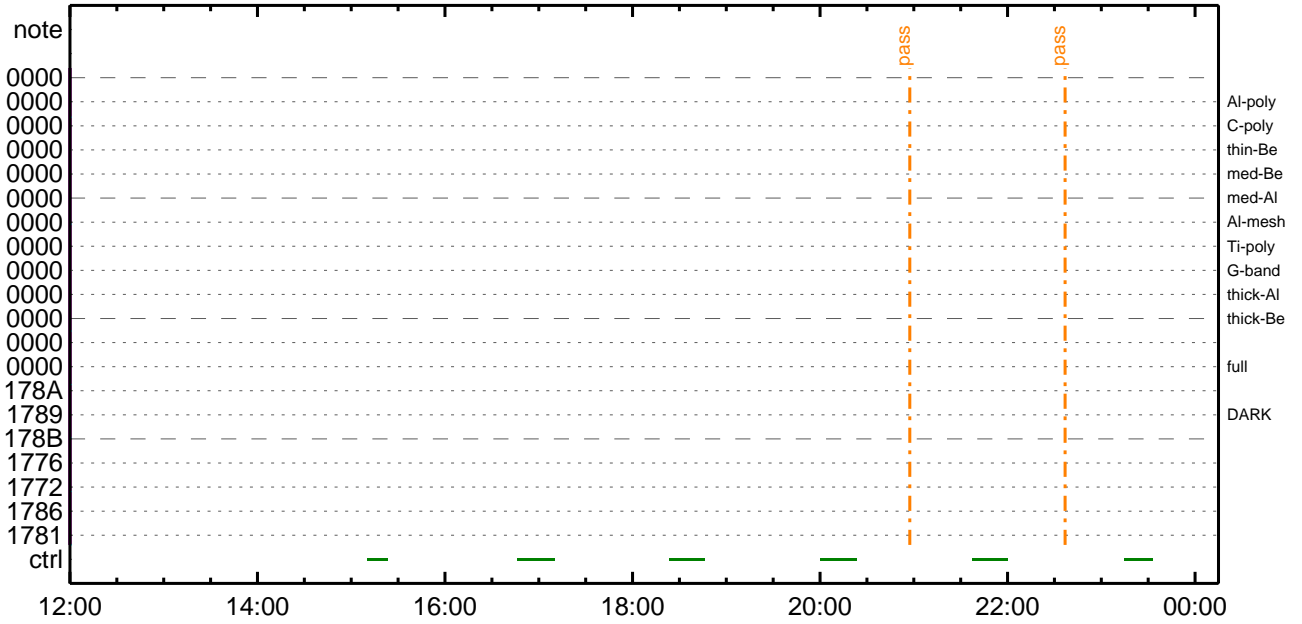
CMDI #0133 2010/03/08



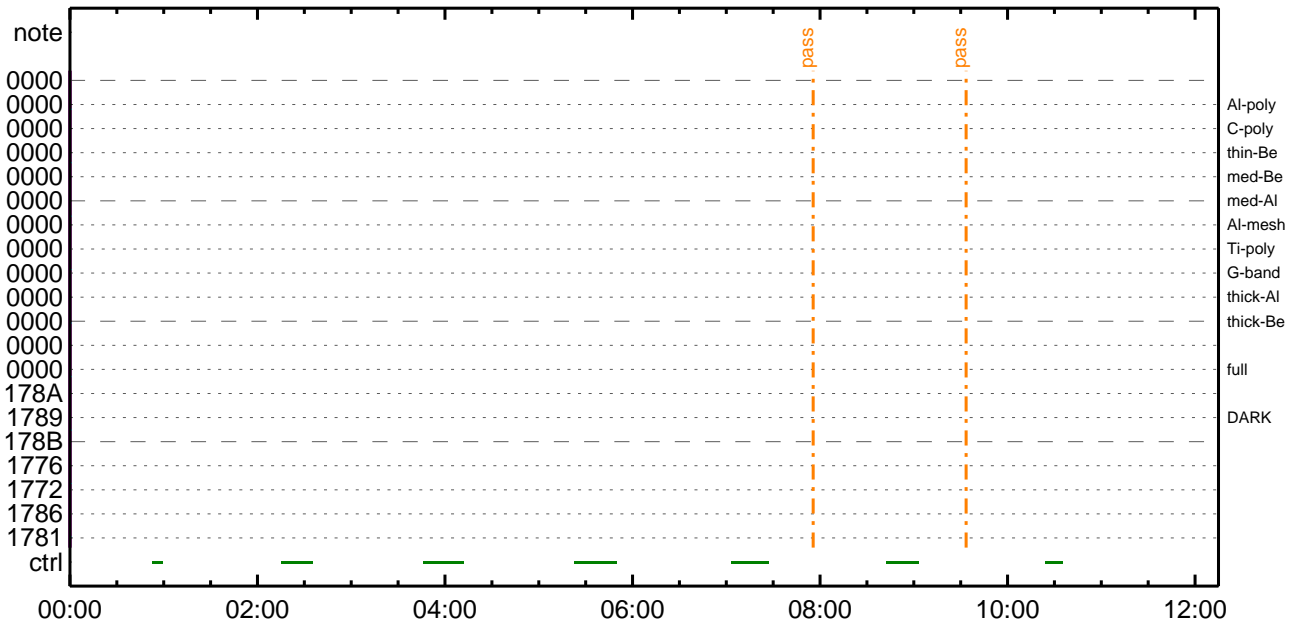
CMDI #0133 2010/03/09



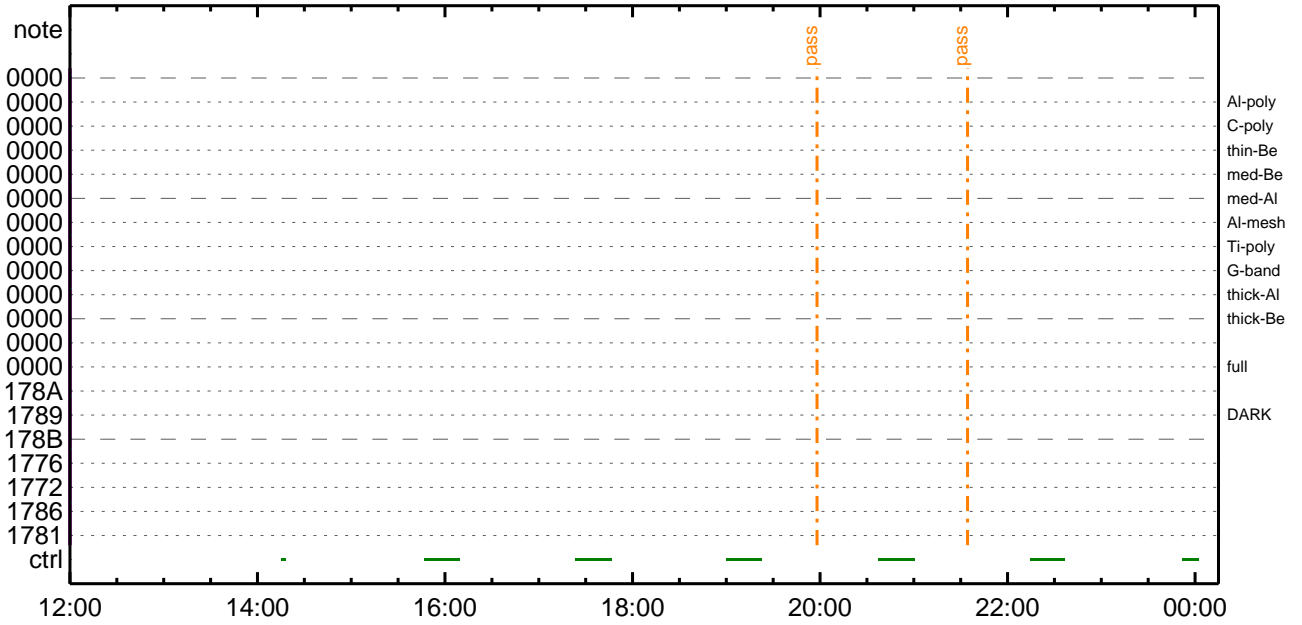
CMDI #0133 2010/03/09



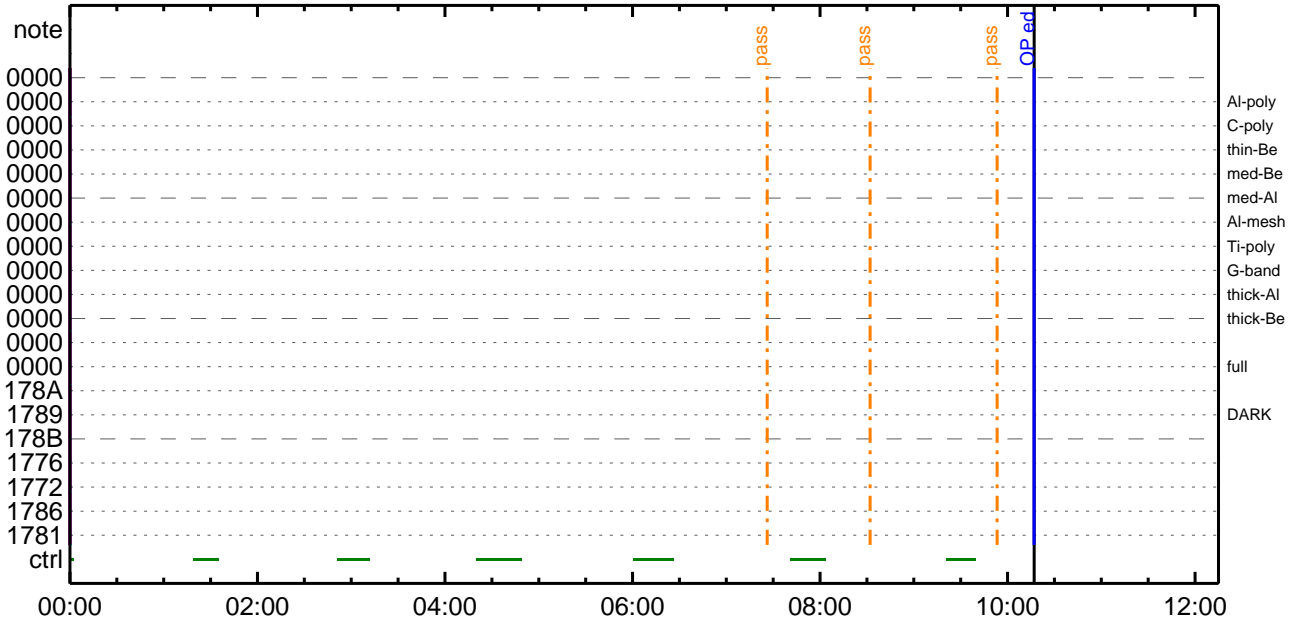
CMDI #0133 2010/03/10



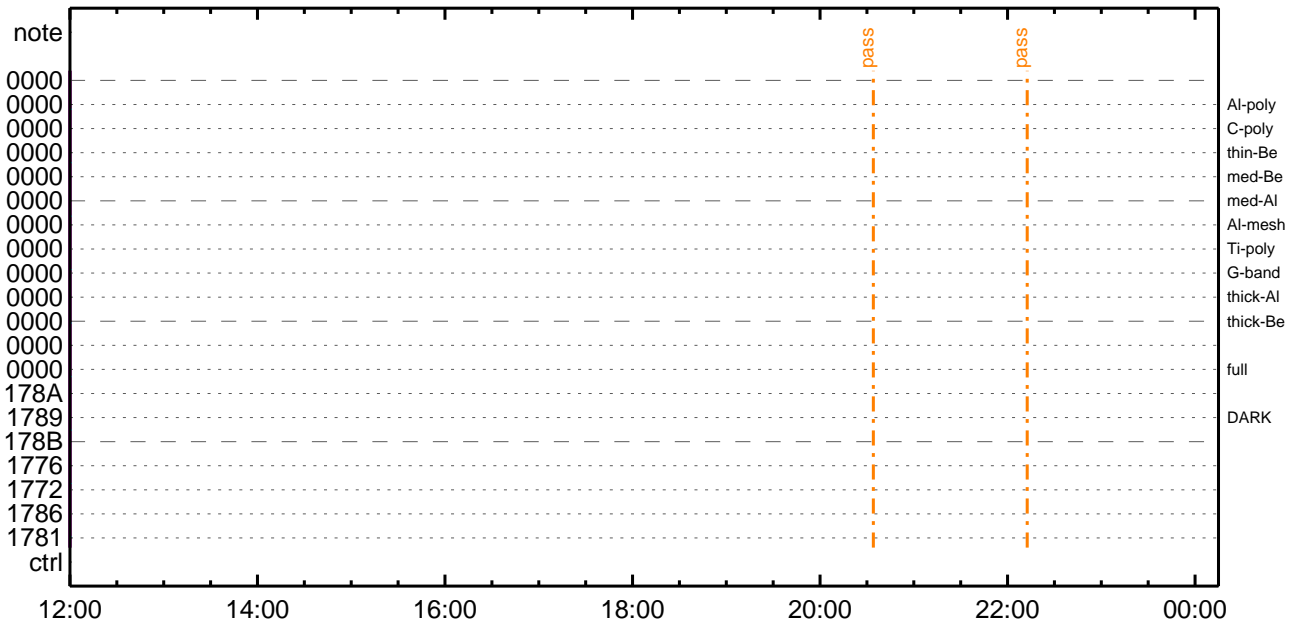
CMDI #0133 2010/03/10



CMDI #0133 2010/03/11



CMDI #0133 2010/03/11




```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥D¥!•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.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-219 2010-03-06 12:48:00 136 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ä
0005 C.
0006 C. YÄYß;¼Y³YFÿÓYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÄð•µ°È»Í×ÁÇóÍYçYÄY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈðÈ¼°ÇÒð•ð¿¼í¹çðÍ;çÀ®, ùð¹ðèððçÄ+¿®ð•ðÈððð³ðÈ;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 10 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 60 20 18)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 85 83 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 04 04)
0056 + DC 07-F0 MDP_XRT_AEC_RESET
0057 BC (d0)
0058 . C. ----- Success Verify ? OK / NG ____
0059 C.
0060 C.
0061 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0062 C.
0063 +. DC 07-F0 MDP_XRT_MODE_OBSV
0064 BC (c2)
0065 +. TI 2010-03-06 09:22:02.0
0066 DC 07-F0 MDP_XRT_MODE_OBSV
0067 BC (c2)
0068 . C. ----- Success Verify ? OK / NG ____
0069 C.
0070 C. ***** XRT END *****
0071 . C. *****
0072 C. SOT table upload
0073 C. *****
0074 . C. < Stop FG table >
0075 +. DC 07-F0 MDP_FG_CTRL_MANU
0076 BC (51)
0077 . C. -----
0078 C. MDP_FG_CTRL_MODE = MANU [ ]
0079 C. -----
0080 C.
0081 . C. <Upload FG Observation Table>
0082 . S. RAM ram-266:MDP_OBS_F
0083 ( )
0084 C.
0085 . C. < Dump RAMID=MDP_OBS_F >
0086 +. DC 07-F0 MDP_DUMP_FGTBL
0087 BC (82 07 00 00 00 38 b8)
0088 C. -----
0089 C. MDP_OBS_F verify = OK/NG [ ]
0090 C. -----
0091 C.
0092 . C. < Stop SP table >
0093 +. DC 07-F0 MDP_SP_CTRL_MANU
0094 BC (61)
0095 C. -----
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0096 C. MDP_SP_CTRL_MODE = MANU [ ]
0097 C. -----
0098 C.
0099 . C. <Upload SP Observation Table>
0100 . S. RAM ram-284:MDP_OBS_S
0101 ( )
0102 C.
0103 . C. < Dump RAMID=MDP_OBS_S >
0104 +. DC 07-F0 MDP_DUMP_SPTBL
0105 BC (83 07 00 00 00 38 b8)
0106 C. -----
0107 C. MDP_OBS_S verify = OK/NG [ ]
0108 C. -----
0109 C.
0110 C. *****
0111 C. SOT TI command set
0112 C. *****
0113 C. Execute, after the success of TBL upload.
0114 +. TI 2010-03-06 09:22:18.0
0115 DC 07-F0 MDP_SOT_MODE_OBSV
0116 BC (40)
0117 . C. -----
0118 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0119 C. -----
0120 C.
0121 C.
0122 . C. ***** MDP 'úÃîñî»ö¼ÝñÊÄðñ¹ñèDCBC•x²è *****
0123 C. (¼ã°îÿÓÿÄÿÈÿËÿËÿäÿçÿèñ¼ñ¼Ä»Ûñ¹ñè)
0124 . S. DC-BC dcbc-402:DCBC
0125 (MDP_known_event)
0126 C.
0127 C.
0128 . C. ***** ÿDÿ¹.Ï Daily±¿îññÉ´Øñ¹ñèDCBC•x²è *****
0129 . S. DC-BC dcbc-153:DCBC
0130 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0131 C.
0132 C.
0133 . C. ;ãLOSÿÄÿSÿÄÿÿ-¼Ä»Û;ä
0134 C.
0135 . C. ***** LOS *****
0136 C.

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Mar 06, 10 12:48

XRT_OGLIST_0133.chk

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*** OP Sequence for XRT ***

2010/03/06	09:32:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/06	09:32:56.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/06	09:33:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	03 00 00 00 00		
2010/03/06	09:33:16.0	XRT_FLD_ENA_404_OG [0x194]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/06	09:33:18.0	XRT_FLD_RESET_405_OG [0x195]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/06	09:33:20.0	XRT_FLRCTRL_ENA_406_OG [0x196]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/06	09:33:22.0	XRT_ARS_DIS_407_OG [0x197]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/06	09:35:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2010/03/06	09:35:58.0	XRT_FL_PROG_SET_409_OG [0x199]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2010/03/06	09:36:00.0	XRT_CTRL_AUTO_410_OG [0x19a]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/06	14:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/06	14:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/06	15:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 18 31 b0 19		
2010/03/06	15:00:16.0	XRT_FLD_ENA_404_OG [0x194]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/06	15:00:18.0	XRT_FLD_RESET_405_OG [0x195]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/06	15:00:20.0	XRT_FLRCTRL_ENA_406_OG [0x196]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/06	15:00:22.0	XRT_ARS_DIS_407_OG [0x197]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/06	15:02:56.0	XRT_QT_PROG_SET_412_OG [0x19c]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2010/03/06	15:02:58.0	XRT_FL_PROG_SET_409_OG [0x199]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2010/03/06	15:03:00.0	XRT_CTRL_AUTO_410_OG [0x19a]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/06	16:33:00.0	XRT_CTRL_MANU_411_OG [0x19b]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/06	16:56:30.0	XRT_Custom_400_OG [0x190]					
2010/03/06	16:57:30.0	XRT_CTRL_AUTO_401_OG [0x191]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/06	18:10:00.5	XRT_CTRL_MANU_411_OG [0x19b]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/06	18:33:00.0	XRT_Custom_400_OG [0x190]					
2010/03/06	18:34:00.0	XRT_CTRL_AUTO_401_OG [0x191]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/06	18:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/06	18:59:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/03/06	19:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2010/03/06	19:00:16.0	XRT_FLD_DIS_414_OG [0x19e]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/03/06	19:00:18.0	XRT_FLRCTRL_DIS_415_OG [0x19f]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/03/06	19:00:20.0	XRT_ARS_DIS_416_OG [0x1a0]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/06	19:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2010/03/06	19:03:00.0	XRT_CTRL_AUTO_410_OG [0x19a]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/06	19:09:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/06	19:09:56.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/06	19:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 18 31 b0 19		
2010/03/06	19:10:16.0	XRT_FLD_ENA_404_OG [0x194]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/06	19:10:18.0	XRT_FLD_RESET_405_OG [0x195]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/06	19:10:20.0	XRT_FLRCTRL_ENA_406_OG [0x196]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/06	19:10:22.0	XRT_ARS_DIS_407_OG [0x197]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/06	19:12:56.0	XRT_QT_PROG_SET_412_OG [0x19c]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2010/03/06	19:12:58.0	XRT_FL_PROG_SET_409_OG [0x199]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2010/03/06	19:13:00.0	XRT_CTRL_AUTO_410_OG [0x19a]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/06	19:47:00.0	XRT_CTRL_MANU_411_OG [0x19b]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/06	20:10:00.5	XRT_Custom_400_OG [0x190]					
2010/03/06	20:11:00.5	XRT_CTRL_AUTO_401_OG [0x191]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		

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2010/03/06	21:24:30.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/06	21:47:30.0	XRT_Custom_400_OG [0x190]			
2010/03/06	21:48:30.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/06	23:02:00.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/06	23:22:00.0	XRT_Custom_400_OG [0x190]			
2010/03/06	23:23:00.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	00:39:00.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	02:02:00.5	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	02:21:30.0	XRT_Custom_400_OG [0x190]			
2010/03/07	02:22:30.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	03:36:30.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	03:59:00.0	XRT_Custom_400_OG [0x190]			
2010/03/07	04:00:00.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	05:08:30.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	05:36:30.0	XRT_Custom_400_OG [0x190]			
2010/03/07	05:37:30.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	05:59:56.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/07	06:00:00.0	AOCS_Ore-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00
2010/03/07	06:00:16.0	XRT_FLD_DIS_414_OG [0x19e] MDP_XRT_FLD_DIS	1	07-F0	d9
2010/03/07	06:00:18.0	XRT_FLRCTRL_DIS_415_OG [0x19f] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/07	06:00:20.0	XRT_ARS_DIS_416_OG [0x1a0] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/07	06:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1] MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/03/07	06:03:00.0	XRT_CTRL_AUTO_410_OG [0x19a] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	06:09:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/03/07	06:10:00.0	AOCS_Ore-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 18 31 b0 19
2010/03/07	06:10:16.0	XRT_FLD_ENA_404_OG [0x194] MDP_XRT_FLD_ENA	1	07-F0	d8
2010/03/07	06:10:18.0	XRT_FLD_RESET_405_OG [0x195] MDP_XRT_FLD_RESET	1	07-F0	da
2010/03/07	06:10:20.0	XRT_FLRCTRL_ENA_406_OG [0x196] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/03/07	06:10:22.0	XRT_ARS_DIS_407_OG [0x197] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/07	06:12:56.0	XRT_QT_PROG_SET_419_OG [0x1a3] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2010/03/07	06:12:58.0	XRT_FL_PROG_SET_409_OG [0x199] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2010/03/07	06:13:00.0	XRT_CTRL_AUTO_410_OG [0x19a] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	06:49:00.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	07:14:00.0	XRT_Custom_400_OG [0x190]			
2010/03/07	07:15:00.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	08:29:00.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	08:50:30.0	XRT_Custom_400_OG [0x190]			
2010/03/07	08:51:30.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	10:10:00.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	10:23:30.0	XRT_Custom_400_OG [0x190]			
2010/03/07	10:24:30.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	15:33:30.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	15:47:30.0	XRT_Custom_400_OG [0x190]			
2010/03/07	15:48:30.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	15:49:00.0	XRT_CTRL_MANU_411_OG [0x19b] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	15:56:30.0	XRT_Custom_400_OG [0x190]			
2010/03/07	15:57:30.0	XRT_CTRL_AUTO_401_OG [0x191] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	15:59:56.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/07	16:00:16.0	XRT_FLD_DIS_414_OG [0x19e]			

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2010/03/07	16:00:18.0	XRT_FLRCTRL_DIS_415_OG [0x19f]	MDP_XRT_FLD_DIS	1	07-F0	d9
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/07	16:00:20.0	XRT_ARS_DIS_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/07	16:00:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2010/03/07	16:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/03/07	16:03:00.0	XRT_CTRL_AUTO_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	16:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	16:09:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/03/07	16:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 51 db 01 68
2010/03/07	16:10:16.0	XRT_FLD_ENA_404_OG [0x194]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/03/07	16:10:18.0	XRT_FLD_RESET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/03/07	16:10:20.0	XRT_FLRCTRL_ENA_406_OG [0x196]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/03/07	16:10:22.0	XRT_ARS_DIS_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/07	16:12:56.0	XRT_QT_PROG_SET_412_OG [0x19c]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2010/03/07	16:12:58.0	XRT_FL_PROG_SET_409_OG [0x199]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2010/03/07	16:13:00.0	XRT_CTRL_AUTO_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	17:09:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/07	17:33:00.0	XRT_Custom_400_OG [0x190]				
2010/03/07	17:34:00.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/07	18:59:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	08:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	08:09:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/08	08:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2010/03/08	08:10:16.0	XRT_FLD_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/03/08	08:10:18.0	XRT_FLRCTRL_DIS_415_OG [0x19f]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/08	08:10:20.0	XRT_ARS_DIS_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/08	08:12:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/03/08	08:13:00.0	XRT_CTRL_AUTO_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	08:20:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02 00 00 00 00
2010/03/08	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	09:59:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/08	10:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	04 00 00 00 00
2010/03/08	10:00:16.0	XRT_FLD_ENA_404_OG [0x194]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/03/08	10:00:18.0	XRT_FLD_RESET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/03/08	10:00:20.0	XRT_FLRCTRL_ENA_406_OG [0x196]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/03/08	10:00:22.0	XRT_ARS_DIS_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/08	10:02:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2010/03/08	10:02:58.0	XRT_FL_PROG_SET_409_OG [0x199]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2010/03/08	10:03:00.0	XRT_CTRL_AUTO_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	10:49:00.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	10:54:00.0	XRT_Custom_400_OG [0x190]				
2010/03/08	10:55:00.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	14:35:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	14:44:30.0	XRT_Custom_400_OG [0x190]				
2010/03/08	14:45:30.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	15:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02 00 00 00 00
2010/03/08	16:09:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	16:33:00.0	XRT_Custom_400_OG [0x190]				
2010/03/08	16:34:00.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2010/03/08	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	18:09:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/08	18:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2010/03/08	18:10:16.0	XRT_FLD_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/03/08	18:10:18.0	XRT_FLRCTRL_DIS_415_OG [0x19f]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/08	18:10:20.0	XRT_ARS_DIS_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/08	18:12:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/03/08	18:13:00.0	XRT_CTRL_AUTO_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	18:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	18:19:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/03/08	18:20:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02 00 00 00 00
2010/03/08	18:20:16.0	XRT_FLD_ENA_404_OG [0x194]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/03/08	18:20:18.0	XRT_FLD_RESET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/03/08	18:20:20.0	XRT_FLRCTRL_ENA_406_OG [0x196]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/03/08	18:20:22.0	XRT_ARS_DIS_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/08	18:22:56.0	XRT_QT_PROG_SET_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2010/03/08	18:22:58.0	XRT_FL_PROG_SET_409_OG [0x199]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2010/03/08	18:23:00.0	XRT_CTRL_AUTO_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	19:23:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	19:46:30.0	XRT_Custom_400_OG [0x190]				
2010/03/08	19:47:30.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	21:00:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	21:24:00.0	XRT_Custom_400_OG [0x190]				
2010/03/08	21:25:00.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/08	22:38:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/08	22:59:30.0	XRT_Custom_400_OG [0x190]				
2010/03/08	23:00:30.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/09	00:15:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/09	00:24:00.0	XRT_Custom_400_OG [0x190]				
2010/03/09	00:25:00.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/09	01:40:00.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/09	01:58:30.0	XRT_Custom_400_OG [0x190]				
2010/03/09	01:59:30.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/09	03:14:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/09	03:35:30.0	XRT_Custom_400_OG [0x190]				
2010/03/09	03:36:30.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/09	04:44:30.0	XRT_CTRL_MANU_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/09	05:13:00.0	XRT_Custom_400_OG [0x190]				
2010/03/09	05:14:00.0	XRT_CTRL_AUTO_401_OG [0x191]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/09	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/09	05:56:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/03/09	05:57:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2010/03/09	05:57:16.0	XRT_FLD_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/03/09	05:57:18.0	XRT_FLRCTRL_DIS_415_OG [0x19f]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/03/09	05:57:20.0	XRT_ARS_DIS_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/09	05:59:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/03/09	06:00:00.0	XRT_CTRL_AUTO_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/09	06:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/09	06:06:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/03/09	06:07:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02 00 00 00 00

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2010/03/09	06:07:16.0	XRT_FLD_ENA_404_OG [0x194]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/09	06:07:18.0	XRT_FLD_RESET_405_OG [0x195]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/09	06:07:20.0	XRT_FLRCTRL_ENA_406_OG [0x196]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/09	06:07:22.0	XRT_ARS_DIS_407_OG [0x197]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/09	06:09:56.0	XRT_QT_PROG_SET_419_OG [0x1a3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2010/03/09	06:09:58.0	XRT_FL_PROG_SET_409_OG [0x199]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2010/03/09	06:10:00.0	XRT_CTRL_AUTO_410_OG [0x19a]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/09	06:25:00.0	XRT_CTRL_MANU_411_OG [0x19b]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/09	06:50:30.0	XRT_Custom_400_OG [0x190]							
2010/03/09	06:51:30.0	XRT_CTRL_AUTO_401_OG [0x191]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/09	08:05:00.0	XRT_CTRL_MANU_411_OG [0x19b]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/09	08:27:30.0	XRT_Custom_400_OG [0x190]							
2010/03/09	08:28:30.0	XRT_CTRL_AUTO_401_OG [0x191]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/09	09:14:35.5	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/09	09:47:00.0	AOCS_Or-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				