

XRT Timeline to be uploaded on 2010/03/27

Period: 2010/03/27 10:24:00 - 2010/04/01 11:19:00

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Normal mode

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XOB #1793: HOP 152 - Ti/Poly - 384x384 - AEC0 - 5796ms - 40s cad - G-band Co-align- 1064 1048													
Term	Pointing (x, y)					Comment							
03/27 10:37:00 - 03/28 02:33:54	Fixed (-16.0, -921.0)					# OP start + 10min, HOP-101 (helioseismology 16hrs)							
PROG= 12 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 13 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 21 20-time(s) 40.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=92	0	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							
03/28 02:37:00 - 03/28 02:58:00	Fixed (0.0, 0.0)					synoptic, shifted manually							
03/28 12:48:00 - 03/28 12:54:54	Fixed (0.0, 0.0)					synoptic, shifted manually							
03/28 18:03:30 - 03/28 18:10:24	Fixed (0.0, 0.0)					synoptic, shifted 0.5 min							
03/29 06:22:30 - 03/29 06:29:24	Fixed (0.0, 0.0)					synoptic, shifted 19.5 min							
03/29 18:09:00 - 03/29 18:15:54	Fixed (0.0, 0.0)					synoptic, shifted 6.0 min							
PROG= 01 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 6 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 5 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 7 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 4 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1799: Ti/Poly - 384x384 - AEC 1 - 90s - G-band Co-align 512x512													
Term	Pointing (x, y)					Comment							
03/28 12:58:00 - 03/28 18:00:24	Track (-182.9, 379.6) ^{Ⓜ 03/28 12:55:00}					# Observe AR 11057							
03/29 06:36:30 - 03/29 17:42:30	Track (-28.5, 381.1) ^{Ⓜ 03/29 06:29:30}					# AR cont.							
03/29 18:19:00 - 03/29 23:59:54	Track (75.7, 380.3) ^{Ⓜ 03/29 18:16:00}					# AR cont.							
PROG= 16 Inf.-time(s)													
└─ Subr= 1 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
└─ Seqn= 17 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 #1797: HOP 154 - Ti/Poly - 384x384 - AEC 1 - 30s - G-band Co-align													
Term	Pointing (x, y)					Comment							
03/28 18:13:30 - 03/29 06:19:24	Track (-137.0, 380.4) ^{Ⓜ 03/28 18:10:30}					# Return to AR 11057							
PROG= 03 Inf.-time(s)													
└─ Subr= 1 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
└─ Seqn= 17 20-time(s) 30.0sec													
	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 #179B: Full Sun - Q98 - 1x1 (Al/mesh, Ti/poly), 2x2 (thick-Al, thick-Be, G-band) - only FW2 filters													
Term	Pointing (x, y)					Comment							
03/30 00:03:00 - 03/30 09:41:00	Fixed (0.0, 0.0)					# XRT full disk images possibly with SDO? Synoptic at 5:53UT							
PROG= 15 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2700.0sec													
└─ Seqn= 34 1-time(s) 30.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	125ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 35 1-time(s) 30.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec

└─	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	4.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─	Seqn= 36		1-time(s)	30.0sec									
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─	Seqn= 37		1-time(s)	30.0sec									
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─	Seqn= 4		1-time(s)	30.0sec									
└─	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─	Seqn= 33		1-time(s)	30.0sec									
└─	Open/thick-Al	Open/thick-Al	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─	Seqn= 32		1-time(s)	30.0sec									
└─	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	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	

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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						
03/27 10:37:00 - 03/28 02:33:54	Fixed (-16.0, -921.0)						# OP start + 10min, HOP-101 (helioseismology 16hrs)						
03/28 12:58:00 - 03/28 18:00:24	Track (-182.9, 379.6) ^{Ⓢ 03/28 12:55:00}						# Observe AR 11057						
03/28 18:13:30 - 03/29 06:19:24	Track (-137.0, 380.4) ^{Ⓢ 03/28 18:10:30}						# Return to AR 11057						
03/29 06:36:30 - 03/29 17:42:30	Track (-28.5, 381.1) ^{Ⓢ 03/29 06:29:30}						# AR cont.						
03/29 18:19:00 - 03/29 23:59:54	Track (75.7, 380.3) ^{Ⓢ 03/29 18:16:00}						# AR cont.						
03/30 00:03:00 - 03/30 09:41:00	Fixed (0.0, 0.0)						# XRT full disk images possibly with SDO? Synoptic at 5:53UT						
PROG= 02 1-time(s)													
└─	Subr= 1		2-time(s)	2.0sec									
└─	Seqn= 9		15-time(s)	20.0sec									
└─	Open/thick-Al	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
└─	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
└─	Seqn= 2		1-time(s)	4.0sec									
└─	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
└─	Subr= 2		8-time(s)	2.0sec									
└─	Seqn= 9		15-time(s)	60.0sec									
└─	Open/thick-Al	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
└─	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
└─	Seqn= 2		1-time(s)	4.0sec									
└─	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
└─	Subr= 3		25-time(s)	2.0sec									
└─	Seqn= 9		1-time(s)	600.0sec									
└─	Open/thick-Al	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
└─	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
└─	Seqn= 2		1-time(s)	4.0sec									
└─	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

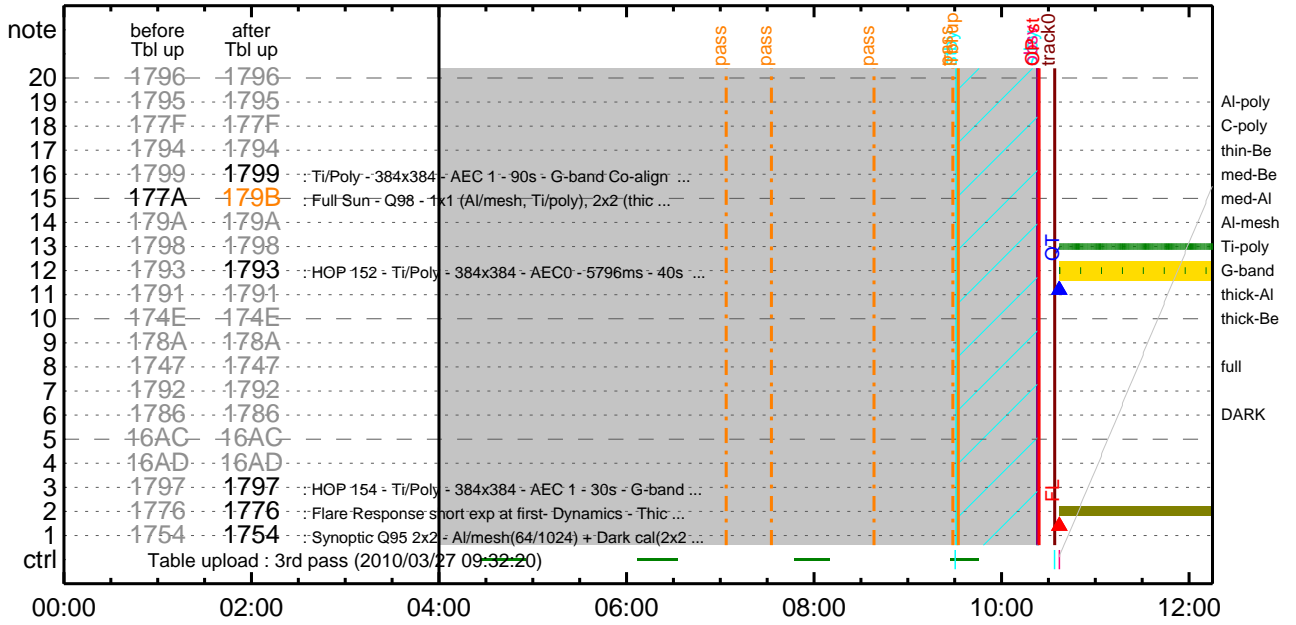
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Flare Detection

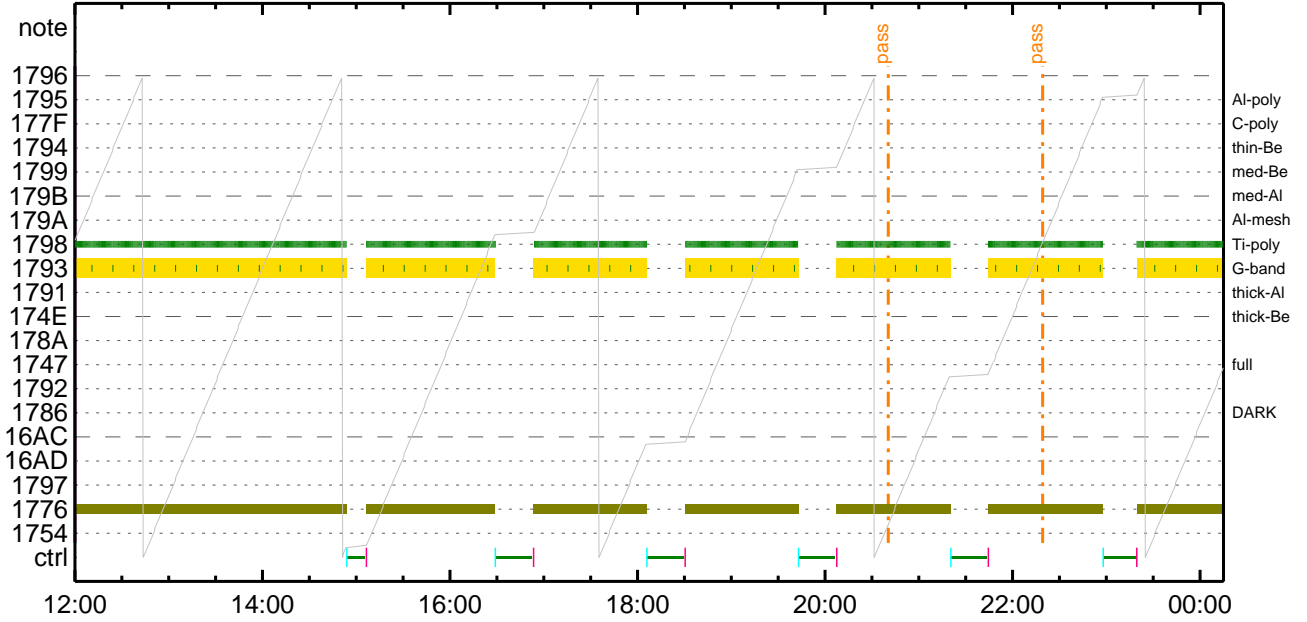
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FLD Patrol													
Term	Pointing (x, y)						Comment						
03/27 10:34:16 - 03/28 02:34:16	Fixed (-16.0, -921.0)						# OP start + 10min, HOP-101 (helioseismology 16hrs)						
03/28 12:55:16 - 03/28 18:00:46	Track (-182.9, 379.6) ^{Ⓢ 03/28 12:55:00}						# Observe AR 11057						
03/28 18:10:46 - 03/29 06:19:46	Track (-137.0, 380.4) ^{Ⓢ 03/28 18:10:30}						# Return to AR 11057						
03/29 06:33:46 - 03/29 18:06:16	Track (-28.5, 381.1) ^{Ⓢ 03/29 06:29:30}						# AR cont.						
03/29 18:16:16 - 04/01 11:19:00	Track (75.7, 380.3) ^{Ⓢ 03/29 18:16:00}						# AR 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	

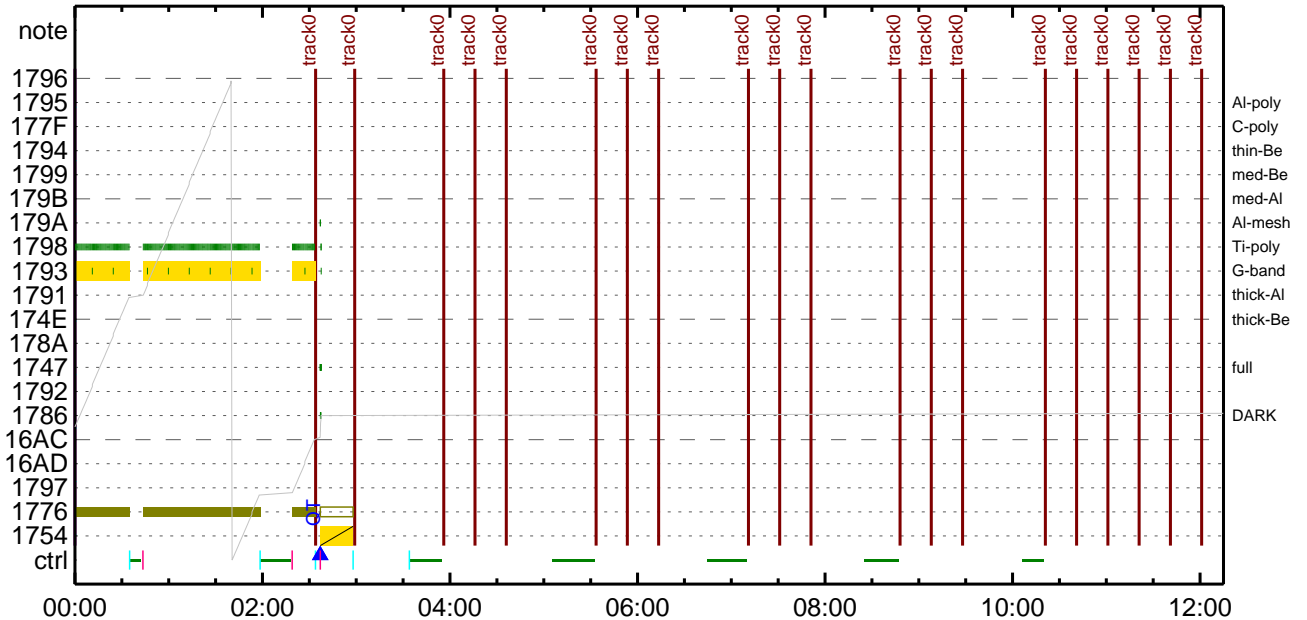
CMDI #0177 2010/03/27



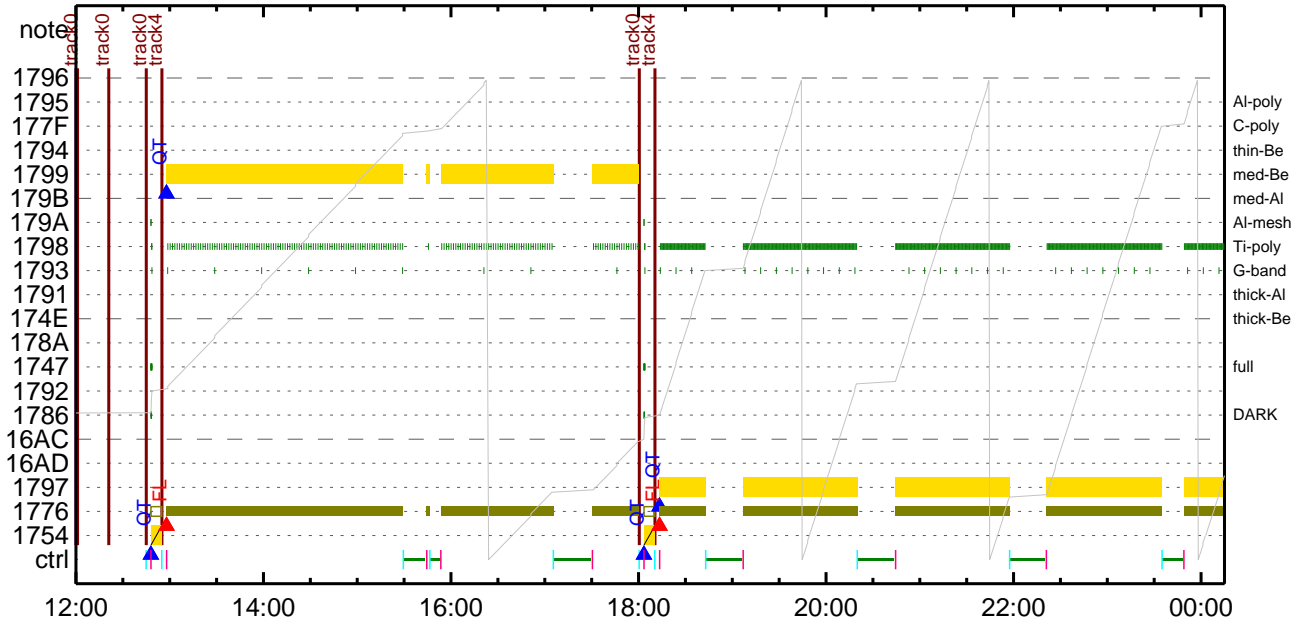
CMDI #0177 2010/03/27



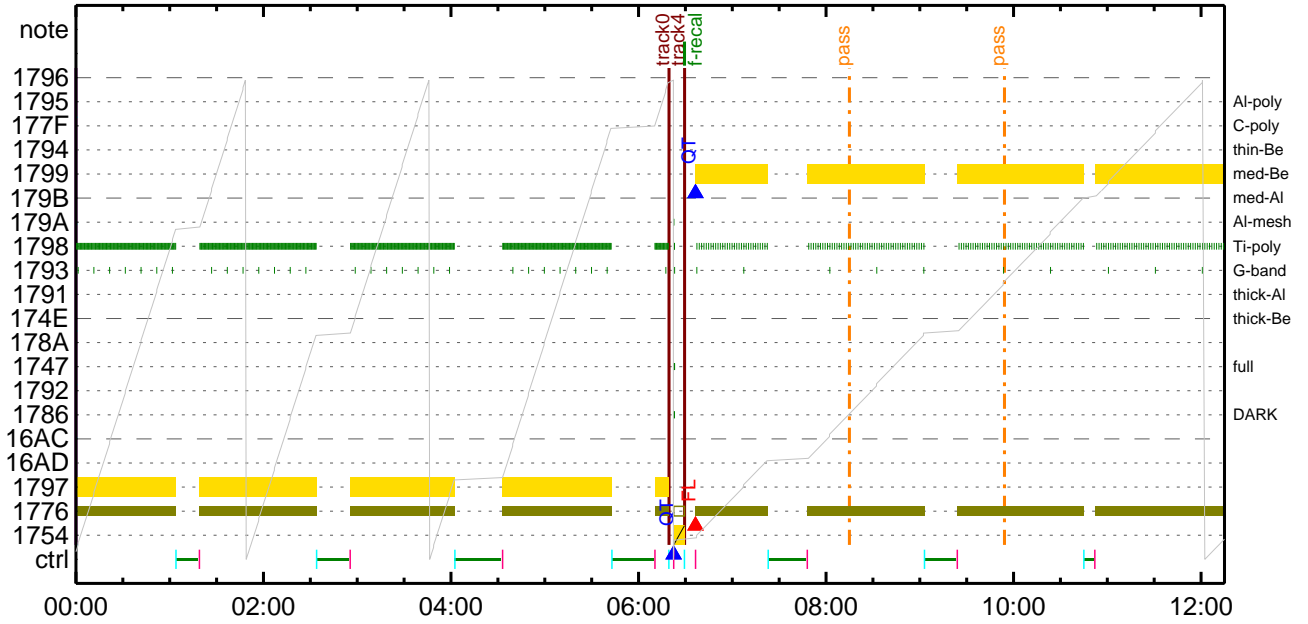
CMDI #0177 2010/03/28



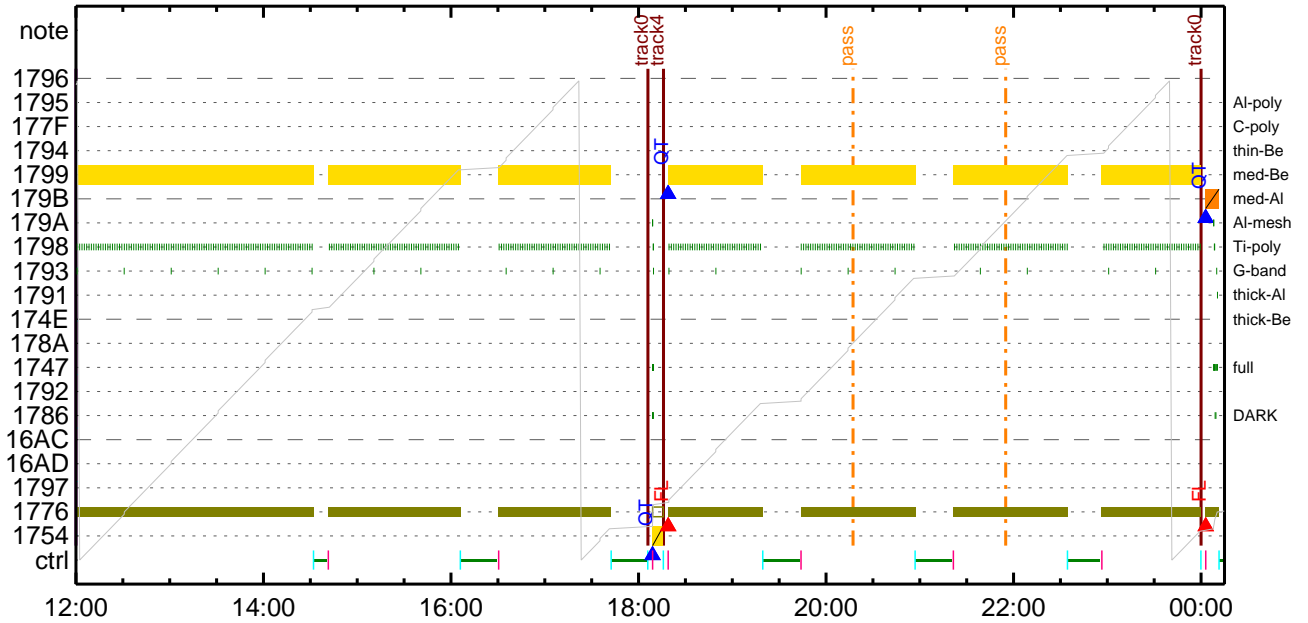
CMDI #0177 2010/03/28



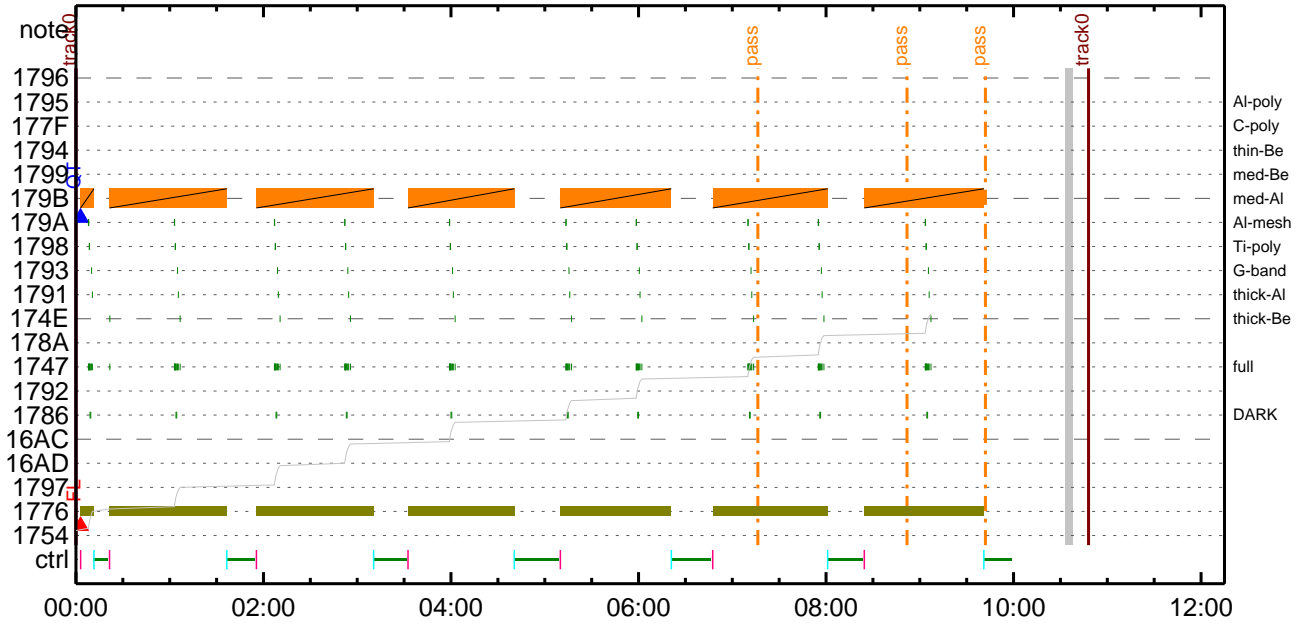
CMDI #0177 2010/03/29



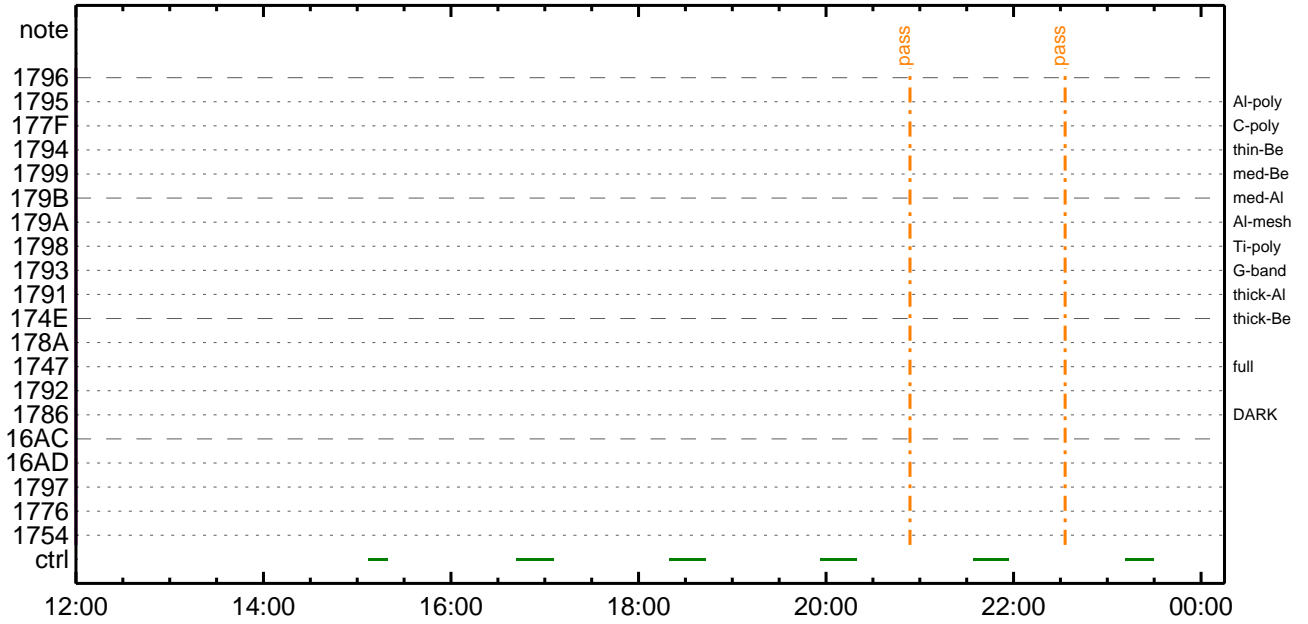
CMDI #0177 2010/03/29



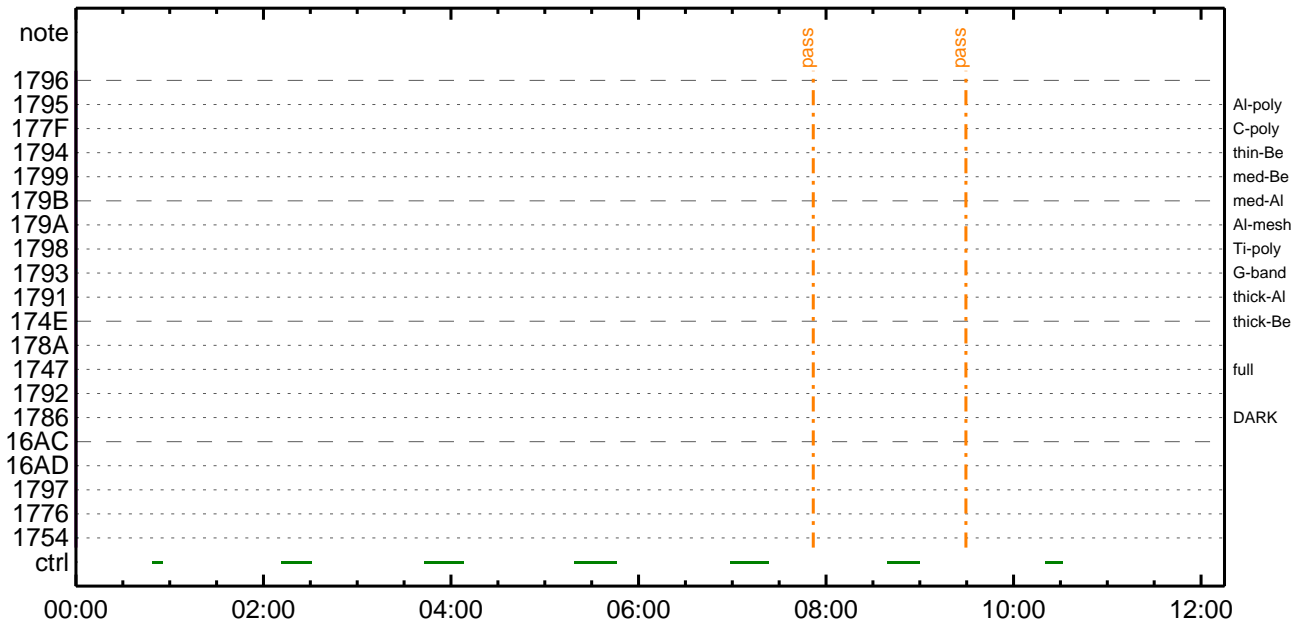
CMDI #0177 2010/03/30



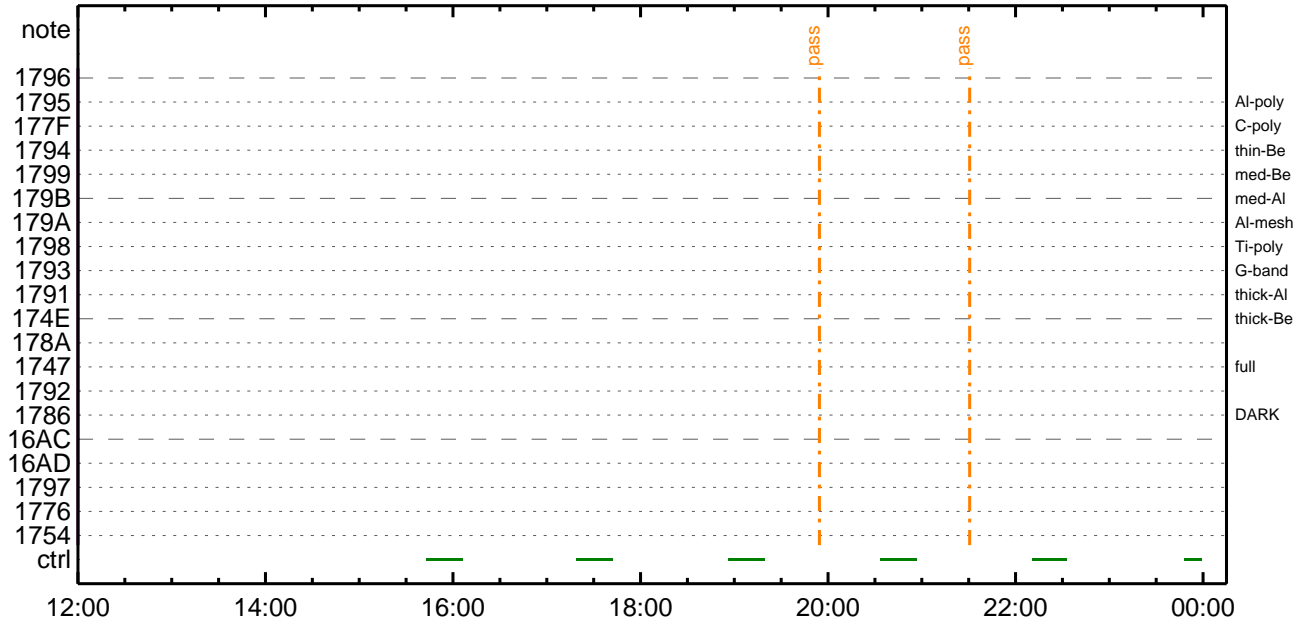
CMDI #0177 2010/03/30



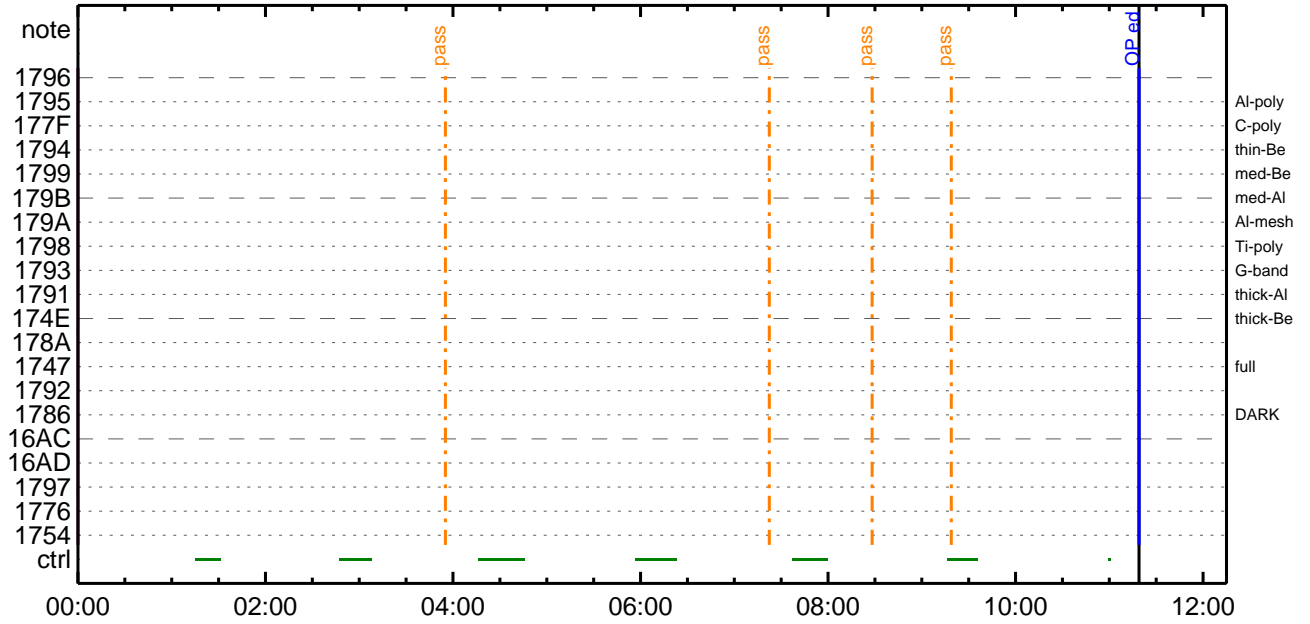
CMDI #0177 2010/03/31



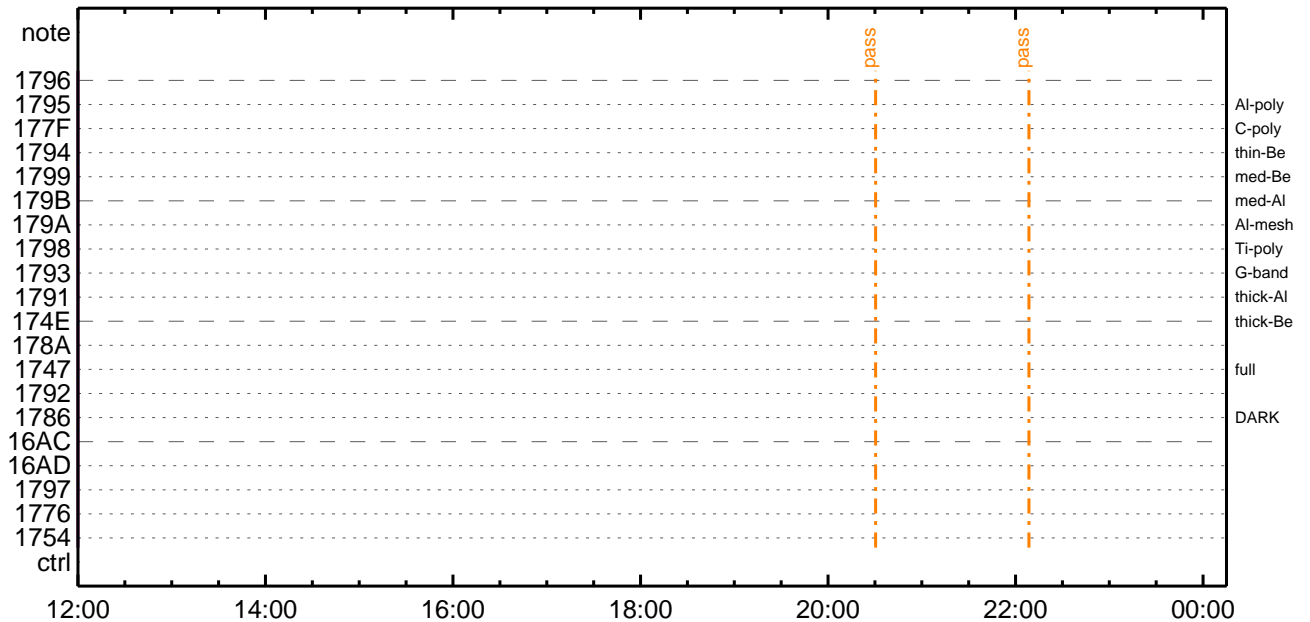
CMDI #0177 2010/03/31



CMDI #0177 2010/04/01



CMDI #0177 2010/04/01




```
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.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-263 2010-03-27 11:29:38 112 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Ü;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿àÁß•µ°È»Í×ÁÇáÍY¿Y×Yí;¼YÉ;ÈÈè¼µ•íÉ;ÈßÈ¼°ÇÓá•α¿¼l¹çáÍ;çÁ®, ùα¹αèßαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-266:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2010-03-27 10:23:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR ____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 06 85 83 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 07 80 80 20 20)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 08 80 80 20 08)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 09 80 80 08 20)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 0a 80 80 08 08)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0f 80 80 06 06)
0084 + DC 07-F0 MDP_XRT_AEC_RESET
0085 BC (d0)
0086 . C. ----- Success Verify ? OK / NG ____
0087 C.
0088 C.
0089 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0090 C.
0091 +. TI 2010-03-27 10:23:02.0
0092 DC 07-F0 MDP_XRT_MODE_OBSV
0093 BC (c2)
0094 . C. ----- Success Verify ? OK / NG ____
0095 C.
```

```
0096 C. ***** XRT END *****
0097 C.
0098 . C. ***** MDP 'úÃîï»ò¼ÝðËÄð¹æDCBC•x²è *****
0099 C. (%ã°îÿÓÿÄÿËÿPÿËÿáÿçÿèæ¼¼¼¼¼»Û¹æ)
0100 . S. DC-BC dcbc-402:DCBC
0101 (MDP_known_event)
0102 C.
0103 C.
0104 . C. ***** ÿÐÿ¹•ï Daily±¿îÑæ´Ø¹æDCBC•x²è *****
0105 . S. DC-BC dcbc-153:DCBC
0106 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0107 C.
0108 C.
0109 . C. ;ãLOSÿÁÿ§ÿÛÿ-¼Ä»Û;ã
0110 C.
0111 . C. ***** LOS *****
0112 C.
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Mar 27, 10 11:29

XRT_OGLIST_0177.chk

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*** OP Sequence for XRT ***

2010/03/27	10:33:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/27	10:33:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/03/27	10:34:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 51 db 01 68		
2010/03/27	10:34:16.0	XRT_FLD_ENA_402_OG [0x192]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/03/27	10:34:18.0	XRT_FLD_RESET_403_OG [0x193]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2010/03/27	10:34:20.0	XRT_FLRCTRL_ENA_404_OG [0x194]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/03/27	10:34:22.0	XRT_ARS_DIS_405_OG [0x195]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/27	10:36:56.0	XRT_QT_PROG_SET_431_OG [0x1af]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2010/03/27	10:36:58.0	XRT_FL_PROG_SET_407_OG [0x197]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02		
2010/03/27	10:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/27	14:54:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/27	15:05:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/27	15:06:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/27	16:29:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/27	16:52:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/27	16:53:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/27	18:06:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/27	18:29:30.5	XRT_Custom_410_OG [0x19a]					
2010/03/27	18:30:30.5	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/27	19:43:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/27	20:06:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/27	20:07:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/27	21:20:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/27	21:43:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/27	21:44:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/27	22:58:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/27	23:18:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/27	23:19:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/28	00:35:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/28	00:42:30.0	XRT_Custom_410_OG [0x19a]					
2010/03/28	00:43:30.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/28	01:58:30.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/28	02:18:00.0	XRT_Custom_410_OG [0x19a]					
2010/03/28	02:19:00.0	XRT_CTRL_AUTO_411_OG [0x19b]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/28	02:33:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/28	02:33:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/03/28	02:34:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2010/03/28	02:34:16.0	XRT_FLD_DIS_413_OG [0x19d]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/03/28	02:34:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/03/28	02:34:20.0	XRT_ARS_DIS_415_OG [0x19f]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/03/28	02:36:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2010/03/28	02:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/03/28	02:58:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/28	02:59:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 54 00 01 68		
2010/03/28	03:34:00.0	XRT_CTRL_MANU_409_OG [0x199]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/03/28	03:56:00.0	AOCS_Ore-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 4b be 01 68		
2010/03/28	04:16:00.0	AOCS_Ore-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	00 42 d9 01 68		
2010/03/28	04:36:00.0	AOCS_Ore-point_Start_6_OG [0x09c]					
		AOCU_NM	5	02-76	00 39 f3 01 68		
2010/03/28	05:33:30.0	AOCS_Ore-point_Start_7_OG [0x09d]					
		AOCU_NM	5	02-76	00 31 0e 01 68		
2010/03/28	05:53:30.0	AOCS_Ore-point_Start_8_OG [0x09e]					

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2010/03/28	06:13:30.0	AOCs_OrE-point_Start_9_OG [0x09f]	AOCu_NM	5	02-76	00	28	31	01	68
			AOCu_NM	5	02-76	00	1f	4b	01	68
2010/03/28	07:11:00.0	AOCs_OrE-point_Start_10_OG [0x0a0]	AOCu_NM	5	02-76	00	16	66	01	68
			AOCu_NM	5	02-76	00	0d	81	01	68
2010/03/28	07:31:00.0	AOCs_OrE-point_Start_11_OG [0x0a1]	AOCu_NM	5	02-76	00	04	9b	01	68
			AOCu_NM	5	02-76	00	fc	9c	01	68
2010/03/28	08:48:00.0	AOCs_OrE-point_Start_13_OG [0x0a3]	AOCu_NM	5	02-76	00	f3	bf	01	68
			AOCu_NM	5	02-76	00	ea	da	01	68
2010/03/28	09:08:00.0	AOCs_OrE-point_Start_14_OG [0x0a4]	AOCu_NM	5	02-76	00	e1	f4	01	68
			AOCu_NM	5	02-76	00	d9	0f	01	68
2010/03/28	09:28:00.0	AOCs_OrE-point_Start_15_OG [0x0a5]	AOCu_NM	5	02-76	00	d0	32	01	68
			AOCu_NM	5	02-76	00	c7	4c	01	68
2010/03/28	10:21:00.0	AOCs_OrE-point_Start_16_OG [0x0a6]	AOCu_NM	5	02-76	00	be	67	01	68
			AOCu_NM	5	02-76	00	b5	82	01	68
2010/03/28	10:41:00.0	AOCs_OrE-point_Start_17_OG [0x0a7]	AOCu_NM	5	02-76	00	ac	9c	01	68
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	11:01:00.0	AOCs_OrE-point_Start_18_OG [0x0a8]	AOCu_NM	5	02-76	00	00	00	00	00
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	11:21:00.0	AOCs_OrE-point_Start_19_OG [0x0a9]	AOCu_NM	5	02-76	00	00	00	00	00
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	11:41:00.0	AOCs_OrE-point_Start_20_OG [0x0aa]	AOCu_NM	5	02-76	00	00	00	00	00
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	12:01:00.0	AOCs_OrE-point_Start_21_OG [0x0ab]	AOCu_NM	5	02-76	00	00	00	00	00
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	12:21:00.0	AOCs_OrE-point_Start_22_OG [0x0ac]	AOCu_NM	5	02-76	00	00	00	00	00
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	12:44:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0					c1
			MDP_XRT_CTRL_MANU	1	07-F0					c1
2010/03/28	12:44:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2010/03/28	12:45:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCu_NM	5	02-76	00	00	00	00	00
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	12:45:16.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0					d9
			MDP_XRT_FLD_DIS	1	07-F0					d9
2010/03/28	12:45:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
			MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2010/03/28	12:45:20.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0					d5
			MDP_XRT_ARS_DIS	1	07-F0					d5
2010/03/28	12:47:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0					01
			MDP_XRT_QT_PROG_SET	2	07-F0					01
2010/03/28	12:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	12:54:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0					c1
			MDP_XRT_CTRL_MANU	1	07-F0					c1
2010/03/28	12:54:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97		00
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97		00
2010/03/28	12:55:00.0	AOCs_OrE-point_Start_23_OG [0x0ad]	AOCu_NM	5	02-76	04	00	00	00	00
			AOCu_NM	5	02-76	04	00	00	00	00
2010/03/28	12:55:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0					d8
			MDP_XRT_FLD_ENA	1	07-F0					d8
2010/03/28	12:55:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]	MDP_XRT_FLRCTRL_ENA	1	07-F0					c8
			MDP_XRT_FLRCTRL_ENA	1	07-F0					c8
2010/03/28	12:55:20.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0					da
			MDP_XRT_FLD_RESET	1	07-F0					da
2010/03/28	12:55:22.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_ARS_DIS	1	07-F0					d5
			MDP_XRT_ARS_DIS	1	07-F0					d5
2010/03/28	12:57:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0					10
			MDP_XRT_QT_PROG_SET	2	07-F0					10
2010/03/28	12:57:58.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0					02
			MDP_XRT_FL_PROG_SET	2	07-F0					02
2010/03/28	12:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	15:29:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0					c1
			MDP_XRT_CTRL_MANU	1	07-F0					c1
2010/03/28	15:43:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	15:44:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	15:46:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0					c1
			MDP_XRT_CTRL_MANU	1	07-F0					c1
2010/03/28	15:52:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	15:53:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	17:05:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0					c1
			MDP_XRT_CTRL_MANU	1	07-F0					c1
2010/03/28	17:29:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	17:30:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0					c0
			MDP_XRT_CTRL_AUTO	1	07-F0					c0
2010/03/28	18:00:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0					c1
			MDP_XRT_CTRL_MANU	1	07-F0					c1
2010/03/28	18:00:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2010/03/28	18:00:30.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCu_NM	5	02-76	00	00	00	00	00
			AOCu_NM	5	02-76	00	00	00	00	00
2010/03/28	18:00:46.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0					d9
			MDP_XRT_FLD_DIS	1	07-F0					d9
2010/03/28	18:00:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
			MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2010/03/28	18:00:50.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0					d5
			MDP_XRT_ARS_DIS	1	07-F0					d5
2010/03/28	18:03:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0					01

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2010/03/28	18:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2010/03/28	18:10:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/28	18:10:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	18:10:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/03/28	18:10:46.0	XRT_FLD_ENA_402_OG [0x192]	AOCU_NM	5	02-76	04 00 00 00 00	
2010/03/28	18:10:48.0	XRT_FLRCTRL_ENA_404_OG [0x194]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/03/28	18:10:50.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/03/28	18:10:52.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/03/28	18:13:26.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/03/28	18:13:28.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2010/03/28	18:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 02	
2010/03/28	18:43:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/28	19:06:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	19:07:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/28	20:20:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	20:43:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	20:44:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/28	21:57:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	22:20:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	22:21:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/28	23:35:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	23:48:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/28	23:49:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/29	01:04:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	01:18:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	01:19:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/29	02:34:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	02:54:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	02:55:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/29	04:02:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	04:32:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	04:33:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/29	05:43:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	06:09:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	06:10:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/29	06:19:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	06:19:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	06:19:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2010/03/29	06:19:46.0	XRT_FLD_DIS_413_OG [0x19d]	AOCU_NM	5	02-76	00 00 00 00 00	
2010/03/29	06:19:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/03/29	06:19:50.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/03/29	06:22:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/03/29	06:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2010/03/29	06:29:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/03/29	06:29:26.0	XRT_FOCUS_RECALIBRATE_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/03/29	06:29:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]	XRT_FOCUS_RECAL	2	07-F8	78 00	
2010/03/29	06:33:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	AOCU_NM	5	02-76	04 00 00 00 00	
2010/03/29	06:33:46.0	XRT_FLD_ENA_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/03/29	06:33:48.0	XRT_FLRCTRL_ENA_404_OG [0x194]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/03/29	06:33:50.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/03/29	06:33:50.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da	

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2010/03/29	06:33:52.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/29	06:36:26.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2010/03/29	06:36:28.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/29	06:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	07:23:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	07:47:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	07:48:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	09:03:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	09:23:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	09:24:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	10:45:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	10:51:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	10:52:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	14:32:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	14:40:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	14:41:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	16:06:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	16:29:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	16:30:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	17:42:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	18:05:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	18:05:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/03/29	18:06:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/03/29	18:06:16.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/03/29	18:06:18.0	XRT_FLRCTRL_DIS_414_OG [0x19e]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/03/29	18:06:20.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/29	18:08:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2010/03/29	18:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	18:15:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	18:15:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/03/29	18:16:00.0	AOCS_OrE-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2010/03/29	18:16:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/03/29	18:16:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/03/29	18:16:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/03/29	18:16:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/03/29	18:18:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2010/03/29	18:18:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02				
2010/03/29	18:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	19:19:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	19:43:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	19:44:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	20:57:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	21:20:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	21:21:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	22:34:30.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	22:55:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/29	22:56:30.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/03/29	23:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/03/29	23:59:56.0	XRT_FOCUS_POSITION_412_OG [0x19c]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/03/30	00:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/03/30	00:00:16.0	XRT_FLD_ENA_402_OG [0x192]							

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2010/03/30	00:00:18.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/03/30	00:00:20.0	XRT_FLRCTRL_ENA_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/03/30	00:00:22.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/03/30	00:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/03/30	00:02:58.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2010/03/30	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 02
2010/03/30	00:11:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	00:20:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	00:21:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	01:36:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	01:54:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	01:55:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	03:10:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	03:31:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	03:32:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	04:40:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	05:09:00.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	05:10:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	06:21:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	06:46:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	06:47:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	08:01:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	08:23:30.0	XRT_Custom_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	08:24:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/03/30	09:41:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/03/30	10:48:00.5	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		AOCU_NM		5	02-76	00 00 00 00 00