

# XRT Timeline to be uploaded on 2010/03/30

Period: 2010/03/30 10:38:00 - 2010/04/03 09:50:00

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Normal mode

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XOB #179C: Ti/Poly - 384x384 - AEC 1 - 90s - G-band Co-align													
Term	Pointing (x, y)		Comment										
03/30 10:51:00 - 03/30 13:00:00	Track ( 223.0, 340.7)	<sup>03/30 10:48:00</sup>	# OP start + 10min   Track AR										
03/31 02:03:00 - 03/31 06:59:00	Track ( 352.6, 335.3)	<sup>03/31 02:00:00</sup>	# AR 11057 tracking										
04/01 06:58:00 - 04/01 08:30:00	Track ( 576.0, 319.3)	<sup>04/01 06:55:00</sup>	Track AR 11057.										
<b>PROG= 19 Inf.-time(s)</b>													
└ Subr= 1 1-time(s) 2.0sec													
└ Seqn= 38 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 41 20-time(s) 90.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (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 #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										
03/30 17:59:00 - 03/30 18:06:24	Fixed ( 0.0, 0.0)		synoptic, shifted -4.0 min   XRT full-sun obs. for AIA										
04/01 05:32:30 - 04/01 05:39:24	Fixed ( 0.0, 0.0)		synoptic, shifted -30.5 min										
<b>PROG= 01 1-time(s)</b>													
└ 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 #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 18:09:30 - 03/31 01:59:54	Fixed ( 0.0, 0.0)		synoptic, shifted -4.0 min   XRT full-sun obs. for AIA										
<b>PROG= 15 Inf.-time(s)</b>													
└ 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	

XOB #1563: CCD Monitor During Bakeout - G-band + dark - wide FOV													
Term	Pointing (x, y)		Comment										
03/31 19:57:10 - 04/01 02:00:00	Track ( 465.3, 328.4)	<sup>03/31 16:00:00</sup>	* Resume tracking AR 11057. SOT heater operation between 3:30 - 9 UT on 1 Apr, so no S										
<b>PROG= 17 Inf.-time(s)</b>													
└ Subr= 1 1-time(s) 600.0sec													
└ Seqn= 39 1-time(s) 4.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #176E: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh, Ti/Poly												
Term	Pointing (x, y)		Comment									

04/01 05:42:30 - 04/01 05:50:00 Fixed ( -528.4, -528.4) XRT post-bakeout Quadra. Obs. #1

PROG= 07 1-time(s)													
Subr= 1 1-time(s) 12.0sec													
Seqn= 22 1-time(s) 12.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 40 1-time(s) 2.0sec													
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

**XOB #176D: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh,Ti/Poly**

Term	Pointing (x, y)	Comment											
04/01 06:27:30 - 04/01 06:34:54	Fixed ( 528.4, -528.4)	XRT Quadra. Obs. #2											
PROG= 11 1-time(s)													
Subr= 1 1-time(s) 12.0sec													
Seqn= 23 1-time(s) 12.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(512, 1536)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(512, 1536)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(512, 1536)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(512, 1536)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 40 1-time(s) 2.0sec													
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

**XOB #176F: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant- Al/mesh, Ti/Poly**

Term	Pointing (x, y)	Comment											
04/01 06:38:00 - 04/01 06:44:54	Fixed ( 528.4, 528.4)	XRT Quadra. Obs. #3											
PROG= 20 1-time(s)													
Subr= 1 1-time(s) 12.0sec													
Seqn= 24 1-time(s) 12.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(512, 512)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(512, 512)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 40 1-time(s) 2.0sec													
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

**XOB #1770: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh, Ti/Poly**

Term	Pointing (x, y)	Comment											
04/01 06:48:00 - 04/01 06:54:54	Fixed ( -528.4, 528.4)	XRT Quadra. Obs. #4											
PROG= 08 1-time(s)													
Subr= 1 1-time(s) 12.0sec													
Seqn= 25 1-time(s) 12.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 40 1-time(s) 2.0sec													
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	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
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											
03/30 10:51:00 - 03/30 13:00:00	Track ( 223.0, 340.7) @ 03/30 10:48:00	# OP start + 10min   Track AR											
03/30 18:09:30 - 03/31 01:59:54	Fixed ( 0.0, 0.0)	synoptic, shifted -4.0 min   XRT full-sun obs. for AIA											
03/31 02:03:00 - 03/31 06:59:00	Track ( 352.6, 335.3) @ 03/31 02:00:00	# AR 11057 tracking											
04/01 06:58:00 - 04/01 08:30:00	Track ( 576.0, 319.3) @ 04/01 06:55:00	Track AR 11057.											
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
<b>Subr= 2    8-time(s)    2.0sec</b>												
<b>Seqn= 9    15-time(s)    60.0sec</b>												
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
<b>Seqn= 2    1-time(s)    4.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
<b>Subr= 3    25-time(s)    2.0sec</b>												
<b>Seqn= 9    1-time(s)    600.0sec</b>												
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
<b>Seqn= 2    1-time(s)    4.0sec</b>												
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

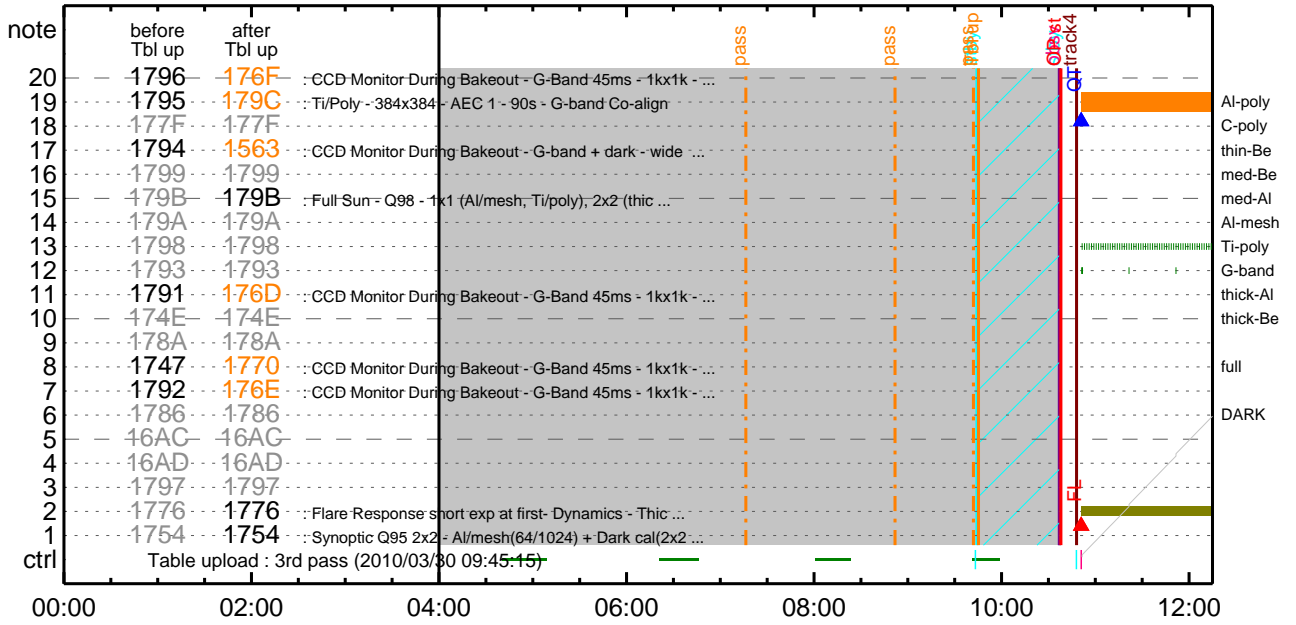
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### Flare Detection

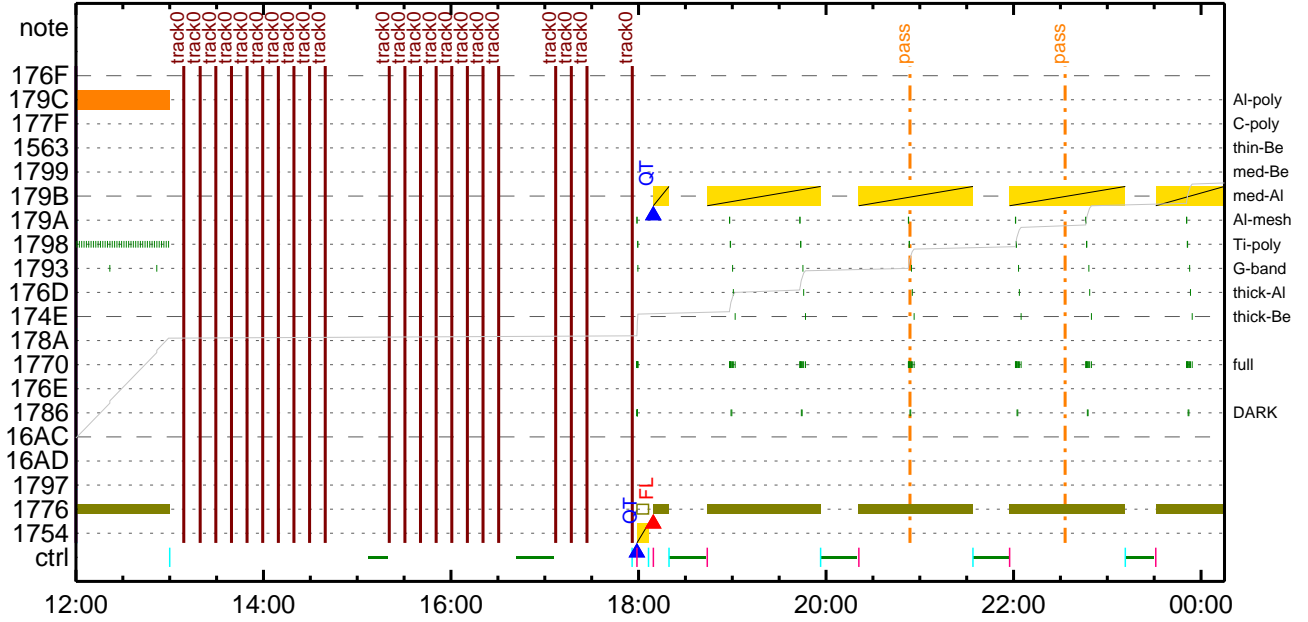
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<b>FLD Patrol</b>												
Term		Pointing (x, y)					Comment					
03/30 10:48:16 - 03/30 17:56:16	Track ( 223.0, 340.7)	④ 03/30 10:48:00					# OP start + 10min   Track AR					
03/30 18:06:46 - 03/31 19:57:06	Fixed ( 0.0, 0.0)						synoptic, shifted -4.0 min   XRT full-sun obs. for AIA					
04/01 06:55:16 - 04/03 09:50:00	Track ( 576.0, 319.3)	④ 04/01 06:55:00					Track AR 11057.					
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	

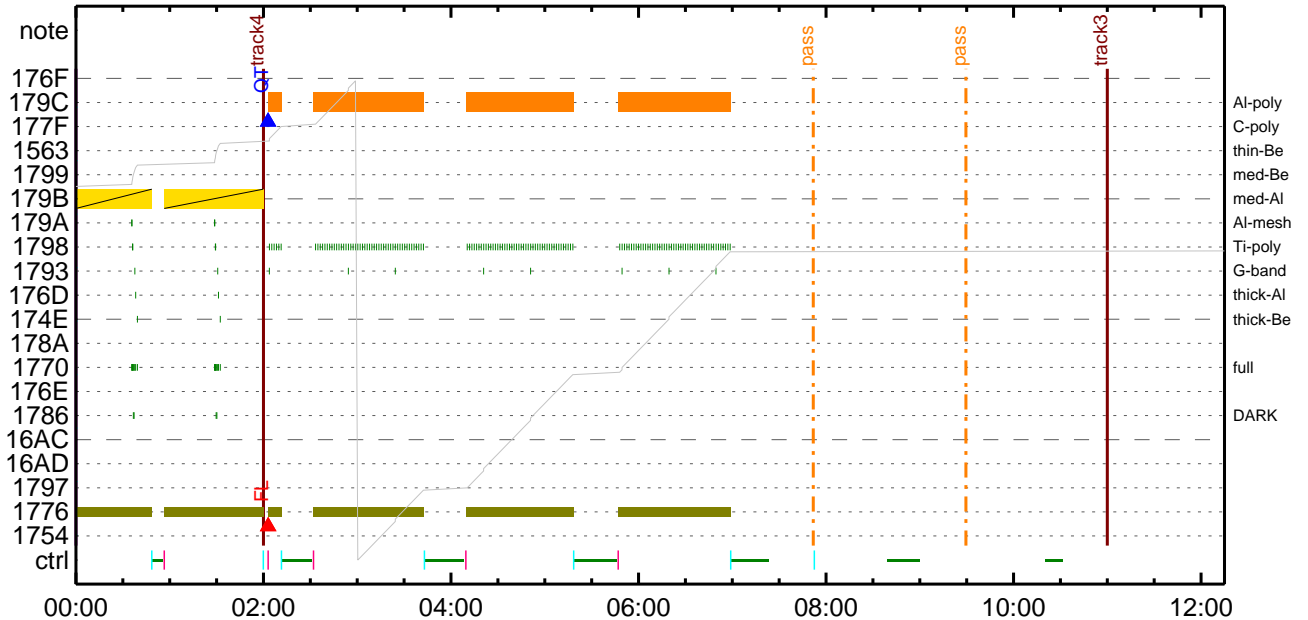
### CMDI #0180 2010/03/30



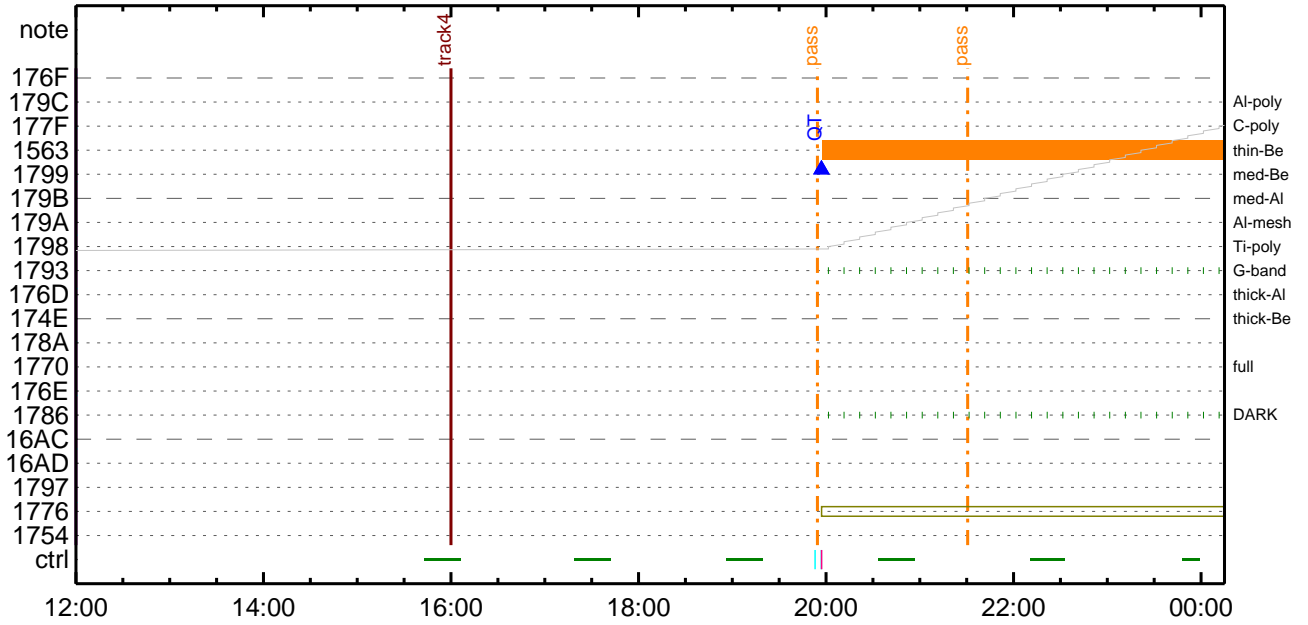
### CMDI #0180 2010/03/30



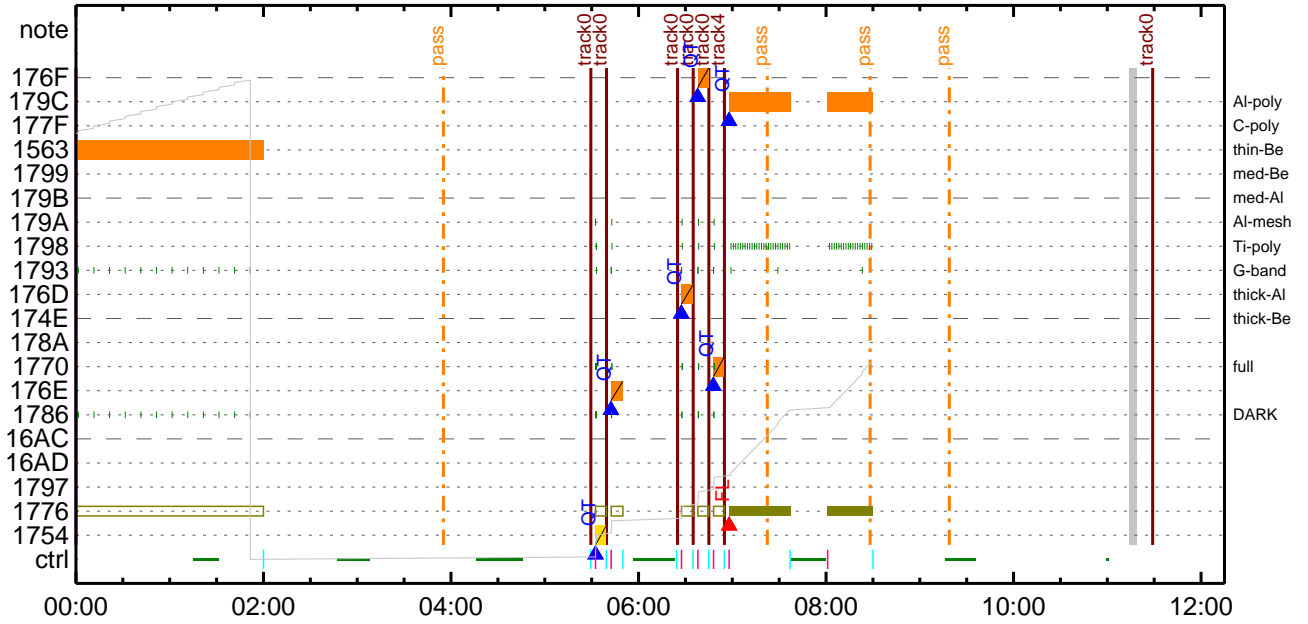
### CMDI #0180 2010/03/31



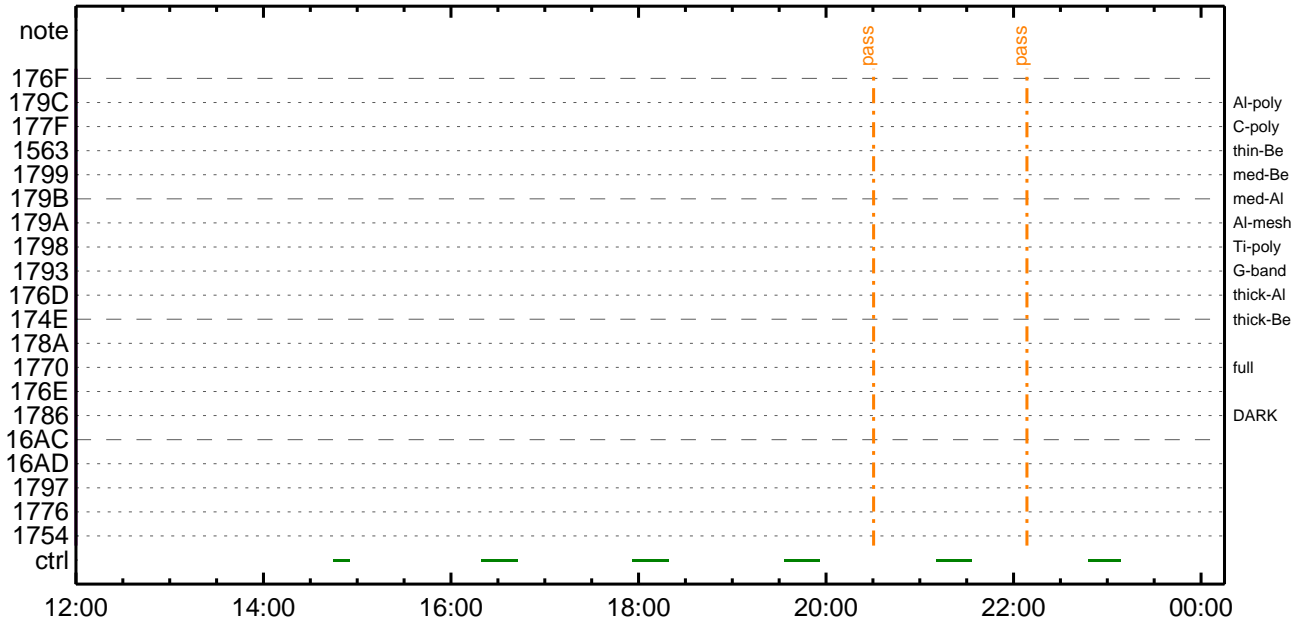
CMDI #0180 2010/03/31



CMDI #0180 2010/04/01

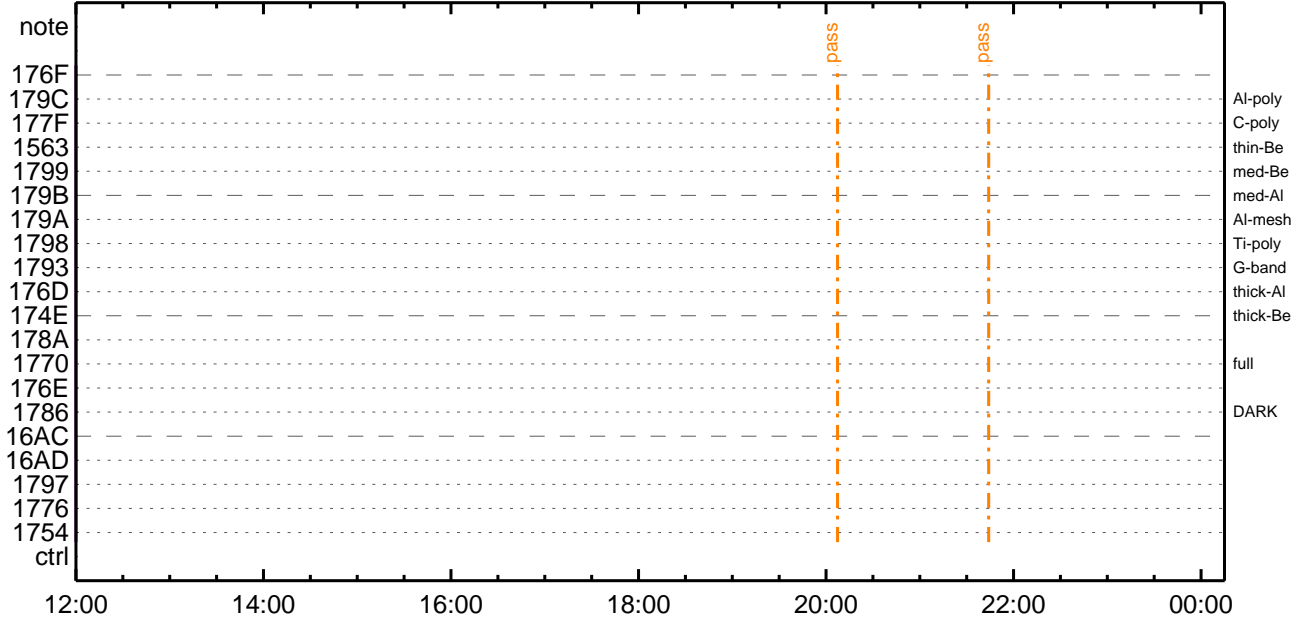


CMDI #0180 2010/04/01





CMDI #0180 2010/04/03















(a) Spacecraft Operation Procedure (real-commands)

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main-268 2010-03-30 12:27:07 131 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÀø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÓø•ø¿¼í¹çøÍ;çÀ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøøÈ;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 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 20 20)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 08 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 20 04)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b c0 c0 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c 40 c0 10 10)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 40 40 10 10)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0e c0 40 10 10)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0f 80 80 06 06)
0060 + DC 07-F0 MDP_XRT_AEC_RESET
0061 BC (d0)
0062 . C. ----- Success Verify ? OK / NG ____
0063 C.
0064 C.
0065 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0066 C.
0067 +. TI 2010-03-30 10:37:02.0
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. < Upload DPL 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. YçYÁY×Yí;¼YÉøÍÁ°øÈESTS_CHKøøOFFøÈø¹øè
0084 C.
0085 . S. RAM ram-271:MDP_DPL
0086 ( )
0087 C.
0088 . C. < Dump RAMID=MDP_DPL >
0089 +. DC 07-F0 MDP_DUMP_FGTBL
0090 BC (82 07 00 38 b8 00 40)
0091 C. -----
0092 C. MDP_DPL verify = OK [ ]
0093 C. -----
0094 C.
0095 C. STS_CHKøøONøÈø¹øè
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0096 C.
0097 . C. < Update MDP DSC PAR1 >
0098 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0099 BC (4c)
0100 C. MDP_CMD_CODE = F04C0700[ ]
0101 C. MDP_CMD_CNT (count-up 1) [ ]
0102 C. -----
0103 C.
0104 C.
0105 C. *****
0106 C. SOT TI command set
0107 C. *****
0108 C. Execute, after the success of TBL upload.
0109 +. TI 2010-03-30 10:37:18.0
0110 DC 07-F0 MDP_SOT_MODE_OBSV
0111 BC (40)
0112 . C. -----
0113 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0114 C. -----
0115 C.
0116 C.
0117 . C. ***** MDP `úÃîñî»ò¼ÝñÊÂð¹ñèDCBC•x²è *****
0118 C. (¼Á°îÝÓÝÃÝÈÝÞÝËÝáÝçÝèñÊ¼ñ¼Á»Û¹ñè)
0119 . S. DC-BC dcbc-402:DCBC
0120 (MDP_known_event)
0121 C.
0122 C.
0123 . C. ***** ÝDÝ¹•Ï Daily±¿îññÊ´Ø¹ñèDCBC•x²è *****
0124 . S. DC-BC dcbc-153:DCBC
0125 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0126 C.
0127 C.
0128 . C. ¡ãLOSÝÁÝ§ÝÃÝ¬¼Á»Û¹ñè
0129 C.
0130 . C. ***** LOS *****
0131 C.

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\*\*\* OP Sequence for XRT \*\*\*

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2010/03/30 10:47:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/30 10:47:56.0 XRT_FOCUS_POSITION_401_OG [0x191]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2010/03/30 10:48:00.5 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 04 00 00 00 00
2010/03/30 10:48:16.0 XRT_FLD_ENA_402_OG [0x192]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2010/03/30 10:48:18.0 XRT_FLRCTRL_ENA_404_OG [0x194]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2010/03/30 10:48:20.0 XRT_FLD_RESET_403_OG [0x193]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/03/30 10:48:22.0 XRT_ARS_DIS_405_OG [0x195]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/03/30 10:50:56.0 XRT_QT_PROG_SET_442_OG [0x1ba]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 13
2010/03/30 10:50:58.0 XRT_FL_PROG_SET_407_OG [0x197]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 02
2010/03/30 10:51:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/30 13:00:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/30 13:09:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 9b 50 fd
2010/03/30 13:19:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 00 9b 3f 4b
2010/03/30 13:29:30.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM 5 02-76 00 00 9b 2d 99
2010/03/30 13:39:30.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM 5 02-76 00 00 9b 1b e7
2010/03/30 13:49:30.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM 5 02-76 00 00 9b 0a 35
2010/03/30 13:59:30.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM 5 02-76 00 00 9b f8 9c
2010/03/30 14:09:30.0 AOCs_OrE-point_Start_8_OG [0x09e]
                        AOCU_NM 5 02-76 00 00 9b e6 f2
2010/03/30 14:19:30.0 AOCs_OrE-point_Start_9_OG [0x09f]
                        AOCU_NM 5 02-76 00 00 9b d5 40
2010/03/30 14:29:30.0 AOCs_OrE-point_Start_10_OG [0x0a0]
                        AOCU_NM 5 02-76 00 00 9b c3 75
2010/03/30 14:39:30.0 AOCs_OrE-point_Start_11_OG [0x0a1]
                        AOCU_NM 5 02-76 00 00 9b b1 cb
2010/03/30 15:20:30.0 AOCs_OrE-point_Start_12_OG [0x0a2]
                        AOCU_NM 5 02-76 00 eb 65 51 26
2010/03/30 15:30:30.0 AOCs_OrE-point_Start_13_OG [0x0a3]
                        AOCU_NM 5 02-76 00 e4 73 41 99
2010/03/30 15:40:30.0 AOCs_OrE-point_Start_14_OG [0x0a4]
                        AOCU_NM 5 02-76 00 e2 98 31 26
2010/03/30 15:50:30.0 AOCs_OrE-point_Start_15_OG [0x0a5]
                        AOCU_NM 5 02-76 00 e1 82 20 72
2010/03/30 16:00:30.0 AOCs_OrE-point_Start_16_OG [0x0a6]
                        AOCU_NM 5 02-76 00 e0 e6 0f 74
2010/03/30 16:10:30.0 AOCs_OrE-point_Start_17_OG [0x0a7]
                        AOCU_NM 5 02-76 00 e0 cd fe 36
2010/03/30 16:20:30.0 AOCs_OrE-point_Start_18_OG [0x0a8]
                        AOCU_NM 5 02-76 00 e0 e6 f3 65
2010/03/30 16:30:30.0 AOCs_OrE-point_Start_19_OG [0x0a9]
                        AOCU_NM 5 02-76 00 e1 82 e2 67
2010/03/30 17:07:00.0 AOCs_OrE-point_Start_20_OG [0x0aa]
                        AOCU_NM 5 02-76 00 e2 98 d1 b3
2010/03/30 17:17:00.0 AOCs_OrE-point_Start_21_OG [0x0ab]
                        AOCU_NM 5 02-76 00 e4 73 c1 40
2010/03/30 17:27:00.0 AOCs_OrE-point_Start_22_OG [0x0ac]
                        AOCU_NM 5 02-76 00 ec 00 b0 42
2010/03/30 17:55:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/30 17:55:56.0 XRT_FOCUS_POSITION_412_OG [0x19c]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2010/03/30 17:56:00.0 AOCs_OrE-point_Start_23_OG [0x0ad]
                        AOCU_NM 5 02-76 00 00 00 00 00
2010/03/30 17:56:16.0 XRT_FLD_DIS_413_OG [0x19d]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2010/03/30 17:56:18.0 XRT_FLRCTRL_DIS_414_OG [0x19e]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2010/03/30 17:56:20.0 XRT_ARS_DIS_415_OG [0x19f]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/03/30 17:58:58.0 XRT_QT_PROG_SET_416_OG [0x1a0]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 01
2010/03/30 17:59:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/03/30 18:06:24.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/03/30 18:06:26.0 XRT_FOCUS_POSITION_412_OG [0x19c]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2010/03/30 18:06:46.0 XRT_FLD_ENA_402_OG [0x192]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2010/03/30 18:06:48.0 XRT_FLD_RESET_403_OG [0x193]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/03/30 18:06:50.0 XRT_FLRCTRL_ENA_404_OG [0x194]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2010/03/30 18:06:52.0 XRT_ARS_DIS_405_OG [0x195]

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2010/03/30	18:09:26.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2010/03/30	18:09:28.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	02		
2010/03/30	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/30	18:19:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/30	18:43:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/30	18:44:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/30	19:56:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/30	20:20:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/30	20:21:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/30	21:34:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/30	21:56:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/30	21:57:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/30	23:11:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/30	23:30:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/30	23:31:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/31	00:48:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	00:55:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/31	00:56:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/31	01:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	01:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2010/03/31	02:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	00 00 00 00		
2010/03/31	02:00:16.0	XRT_FLD_ENA_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/03/31	02:00:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/03/31	02:00:20.0	XRT_FLD_RESET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/03/31	02:00:22.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/03/31	02:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13		
2010/03/31	02:02:58.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	02		
2010/03/31	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/31	02:11:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	02:31:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/31	02:32:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/31	03:43:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	04:08:30.0	XRT_Custom_410_OG [0x19a]							
2010/03/31	04:09:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/31	05:18:30.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	05:46:00.0	XRT_Custom_410_OG [0x19a]							
2010/03/31	05:47:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/03/31	06:59:00.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	07:52:30.0	XRT_CTRL_MANU_447_OG [0x1bf]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	07:53:00.0	XRT_TCIB_XRT_S_HTR_A_ENA_448_OG [0x1c0]	TCIB_XRT_S_HTR_A_ENA	0	04-BC				
2010/03/31	09:53:00.0	XRT_Custom_449_OG [0x1c1]							
2010/03/31	11:00:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	03	00 00 00 00		
2010/03/31	11:53:00.0	XRT_Custom_449_OG [0x1c1]							
2010/03/31	13:53:00.0	XRT_Custom_449_OG [0x1c1]							
2010/03/31	15:53:00.0	XRT_Custom_422_OG [0x1a6]							
2010/03/31	15:53:10.0	XRT_Custom_449_OG [0x1c1]							
2010/03/31	16:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	00 00 00 00		
2010/03/31	17:53:10.0	XRT_Custom_427_OG [0x1ab]							
2010/03/31	19:52:48.0	XRT_Custom_422_OG [0x1a6]							
2010/03/31	19:52:58.0	XRT_CTRL_MANU_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	19:53:00.0	XRT_TCIB_XRT_S_HTR_A_DIS_441_OG [0x1b9]	TCIB_XRT_S_HTR_A_DIS	0	04-C0				
2010/03/31	19:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/03/31	19:57:02.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11		
2010/03/31	19:57:04.0	XRT_ARS_DIS_425_OG [0x1a9]							



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2010/03/31	19:57:06.0	XRT_FLD_DIS_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5			
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/03/31	19:57:08.0	XRT_FLRCTRL_DIS_434_OG [0x1b2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/03/31	19:57:10.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/04/01	02:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/04/01	05:29:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/04/01	05:29:26.0	XRT_FOCUS_POSITION_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00		
2010/04/01	05:29:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 00 00 00	00 00		
2010/04/01	05:29:46.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/04/01	05:29:48.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/04/01	05:29:50.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/04/01	05:32:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01		
2010/04/01	05:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/04/01	05:39:24.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/04/01	05:39:30.0	AOCS_ORe-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00 2e f9	2e f9		
2010/04/01	05:42:02.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00		
2010/04/01	05:42:22.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2010/04/01	05:42:24.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/04/01	05:42:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/04/01	05:42:28.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/04/01	05:42:30.5	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/04/01	05:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/04/01	06:24:24.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/04/01	06:25:00.0	AOCS_ORe-point_Start_26_OG [0x0b0]	AOCU_NM	5	02-76	00 2e f9	d1 07		
2010/04/01	06:27:02.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00		
2010/04/01	06:27:22.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2010/04/01	06:27:24.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/04/01	06:27:26.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/04/01	06:27:28.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/04/01	06:27:30.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/04/01	06:34:54.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/04/01	06:35:00.0	AOCS_ORe-point_Start_27_OG [0x0b1]	AOCU_NM	5	02-76	00 d1 07	d1 07		
2010/04/01	06:37:32.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00		
2010/04/01	06:37:52.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2010/04/01	06:37:54.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/04/01	06:37:56.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/04/01	06:37:58.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/04/01	06:38:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/04/01	06:44:54.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/04/01	06:45:00.0	AOCS_ORe-point_Start_28_OG [0x0b2]	AOCU_NM	5	02-76	00 d1 07	2e f9		
2010/04/01	06:47:32.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00		
2010/04/01	06:47:52.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2010/04/01	06:47:54.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/04/01	06:47:56.0	XRT_FLRCTRL_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/04/01	06:47:58.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/04/01	06:48:00.0	XRT_CTRL_AUTO_411_OG [0x19b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/04/01	06:54:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			

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2010/04/01	06:54:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/04/01	06:55:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2010/04/01	06:55:16.0	XRT_FLD_ENA_402_OG [0x192]							
		MDP_XRT_FLD_ENA	1	07-F0		d8			
2010/04/01	06:55:18.0	XRT_FLRCTRL_ENA_404_OG [0x194]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2010/04/01	06:55:20.0	XRT_FLD_RESET_403_OG [0x193]							
		MDP_XRT_FLD_RESET	1	07-F0		da			
2010/04/01	06:55:22.0	XRT_ARS_DIS_405_OG [0x195]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2010/04/01	06:57:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0		c4	13		
2010/04/01	06:57:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0		c5	02		
2010/04/01	06:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2010/04/01	07:37:00.0	XRT_CTRL_MANU_409_OG [0x199]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2010/04/01	08:00:00.0	XRT_Custom_410_OG [0x19a]							
2010/04/01	08:01:00.0	XRT_CTRL_AUTO_411_OG [0x19b]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2010/04/01	08:30:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2010/04/01	11:29:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	00	00	00	00	00