

# XRT Timeline to be uploaded on 2011/01/25

Period: 2011/01/25 10:02:00 - 2011/01/29 10:52:00

\* \* \* \* \*

Normal mode

\* \* \* \* \*

XOB #1852: AR (Filter-Ratio) with PFB, thin-Be context, 384x384, 240s cad, offset												
Term	Pointing (x, y)						Comment					
01/25 10:15:00 - 01/25 17:51:54	Track ( 695.2, 400.4) <sup>@ 01/25 10:12:00</sup>						# OP start + 10min AR tracking (NOAA 11149)					
01/26 18:08:30 - 01/27 05:52:30	Track ( 839.2, 378.2) <sup>@ 01/26 18:05:30</sup>						# AR observation NOAA11149					
<b>PROG= 05 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 82 4-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 13 20-time(s) 2.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	58.0sec	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	1	58.0sec	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	2	58.0sec	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	3	58.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #183F: Synoptic Q95 2x2 - Al/mesh(64/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(181/4096) + G-band(16												
Term	Pointing (x, y)						Comment					
01/25 17:55:00 - 01/25 18:01:54	Fixed ( 0.0, 0.0)						synoptic, shifted -8.0 min					
01/26 06:03:00 - 01/26 06:09:54	Fixed ( 0.0, 0.0)						synoptic					
01/26 17:58:30 - 01/26 18:05:24	Fixed ( 0.0, 0.0)						synoptic, shifted -4.5 min					
01/27 06:31:30 - 01/27 06:38:24	Fixed ( 0.0, 0.0)						synoptic, shifted 28.5 min					
<b>PROG= 17 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 69 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	2.00s	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= 28 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	177ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	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 #1844: AR Standard-A(Filter-Ratio) with PFB, thin-Be context, 384x384 at 1064 1048, 120s cad												
Term	Pointing (x, y)						Comment					
01/25 18:05:00 - 01/26 05:14:30	Track ( 737.1, 395.5) <sup>@ 01/25 18:02:00</sup>						# AR tracking NOAA 11149					
<b>PROG= 11 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 19 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs 1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs 1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	
└─ Seqn= 82 4-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 15 20-time(s) 2.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	30.0sec	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	1	30.0sec	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	2	30.0sec	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec	
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	3	30.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #180E: HOP173 prominence Al/mesh, Ti/poly, G-band-DPCM 1x1-512x512-FOV -AEC2-5min cadence												
Term	Pointing (x, y)						Comment					
01/26 06:13:00 - 01/26 09:59:54	Fixed ( 698.0, -655.0)						#Prominence Observation at West limb					

PROG= 13 Inf.-time(s)													
Subr= 2 1-time(s) 2.0sec													
Seqn= 57 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 1 12-time(s) 300.0sec													
Seqn= 68 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 34 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1855: Al/mesh\_8s\_512x512\_G-band\_context-3min\_cadence\_Q90**

Term	Pointing (x, y)	Comment
01/26 10:03:00 - 01/26 12:45:00	Fixed ( -920.0, 300.0)	CH at low latitude observation
PROG= 08 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 48 1-time(s) 2.0sec		
	Open/G-band	Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1064, 1048) Q=90 0 0 2.0sec
Subr= 2 10-time(s) 180.0sec		
Seqn= 92 1-time(s) 10.0sec		
	Open/Al-mesh	Open/Ti-poly close Safe Norm 8.00s Obs 1x1 512x512 (1064, 1048) Q=90 0 0 10.0sec
	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 #1828: Flare Standard Obs. with eruptions mode-A (FW1=Open )**

Term	Pointing (x, y)	Comment
01/25 10:15:00 - 01/25 17:51:54	Track ( 695.2, 400.4) @ 01/25 10:12:00	# OP start + 10min AR tracking (NOAA 11149)
01/25 18:05:00 - 01/26 05:14:30	Track ( 737.1, 395.5) @ 01/25 18:02:00	# AR tracking NOAA 11149
01/26 06:13:00 - 01/26 09:59:54	Fixed ( 698.0, -655.0)	#Prominence Observation at West limb
01/26 10:03:00 - 01/26 12:45:00	Fixed ( -920.0, 300.0)	CH at low latitude observation
01/26 18:08:30 - 01/27 05:52:30	Track ( 839.2, 378.2) @ 01/26 18:05:30	# AR observation NOAA11149

**PROG= 16 1-time(s)**

Subr= 1 30-time(s) 20.0sec													
Seqn= 87 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 60 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 90 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
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3 30-time(s) 60.0sec													
Seqn= 87 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 90 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
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3 30-time(s) 60.0sec													
Seqn= 87 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 90 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
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3 30-time(s) 60.0sec													
Seqn= 87 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 4 24-time(s) 600.0sec													
Seqn= 89 1-time(s) 2.0sec													

Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	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

\* \* \* \* \*

NOT USED

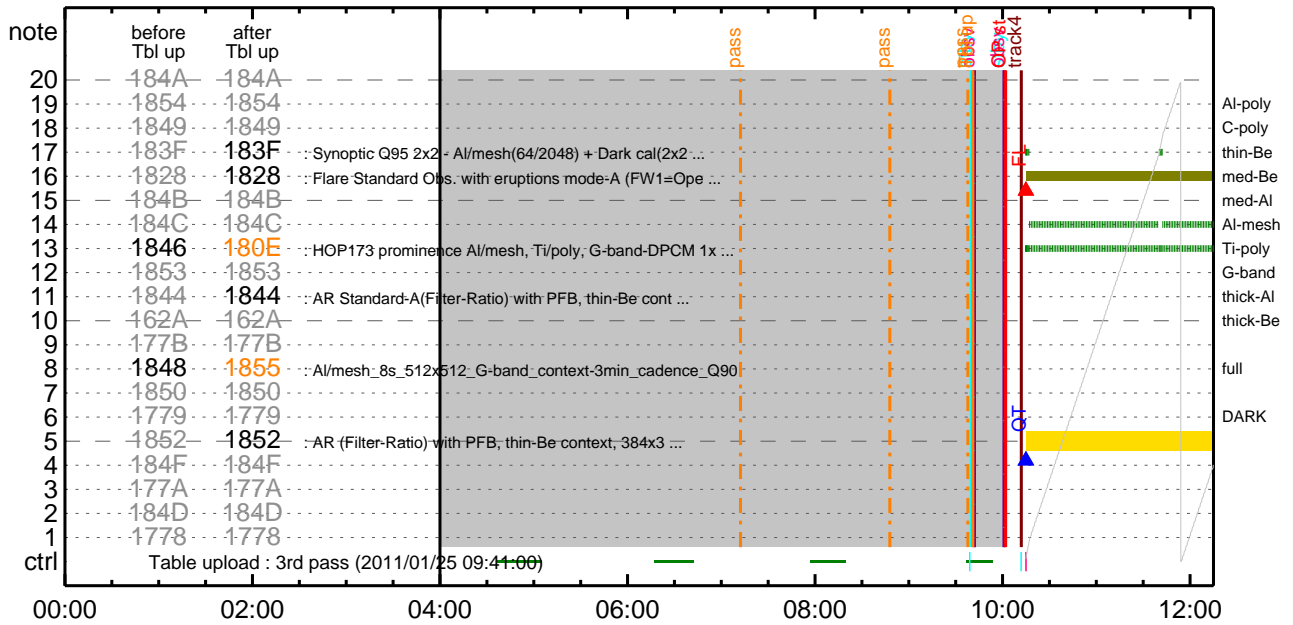
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### Flare Detection

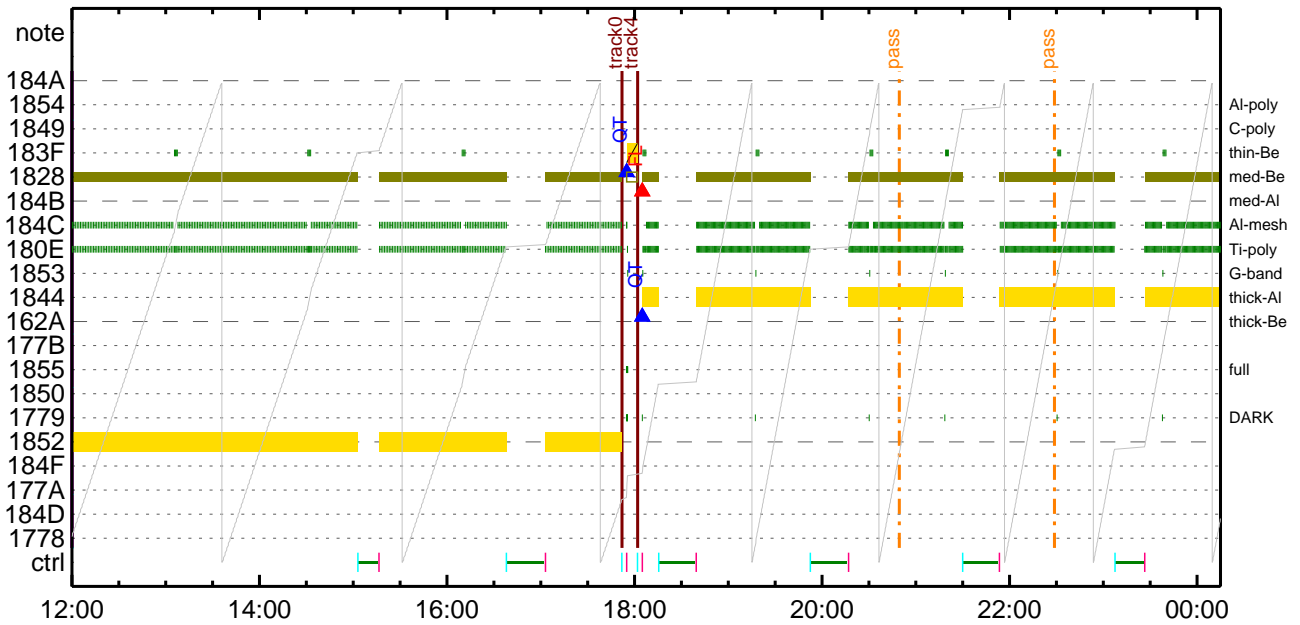
\* \* \* \* \*

FLD Patrol												
Term		Pointing (x, y)					Comment					
01/25 10:12:16 - 01/25 17:52:16		Track ( 695.2, 400.4) <sup>@ 01/25 10:12:00</sup>					# OP start + 10min AR tracking (NOAA 11149)					
01/25 18:02:16 - 01/26 06:00:16		Track ( 737.1, 395.5) <sup>@ 01/25 18:02:00</sup>					# AR tracking NOAA 11149					
01/26 06:10:18 - 01/26 17:55:46		Fixed ( 698.0, -655.0)					#Prominence Observation at West limb					
01/26 18:05:46 - 01/27 06:28:46		Track ( 839.2, 378.2) <sup>@ 01/26 18:05:30</sup>					# AR observation NOAA11149					
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8		Q=50			30sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

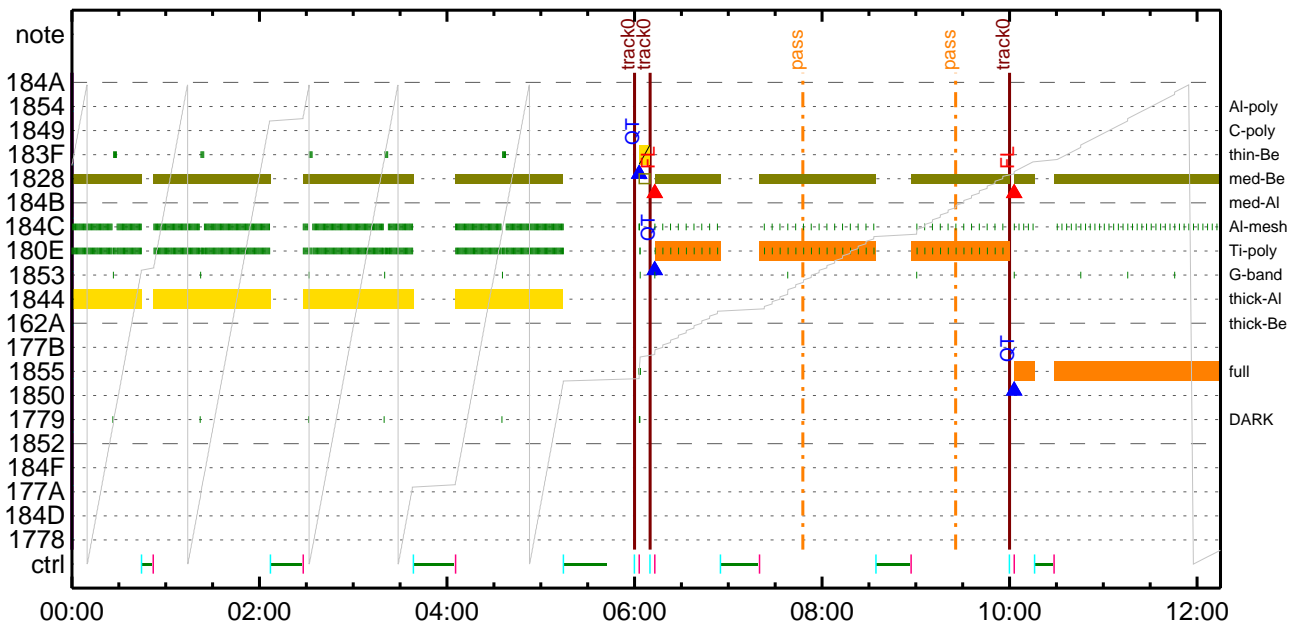
### CMDI #0734 2011/01/25



### CMDI #0734 2011/01/25

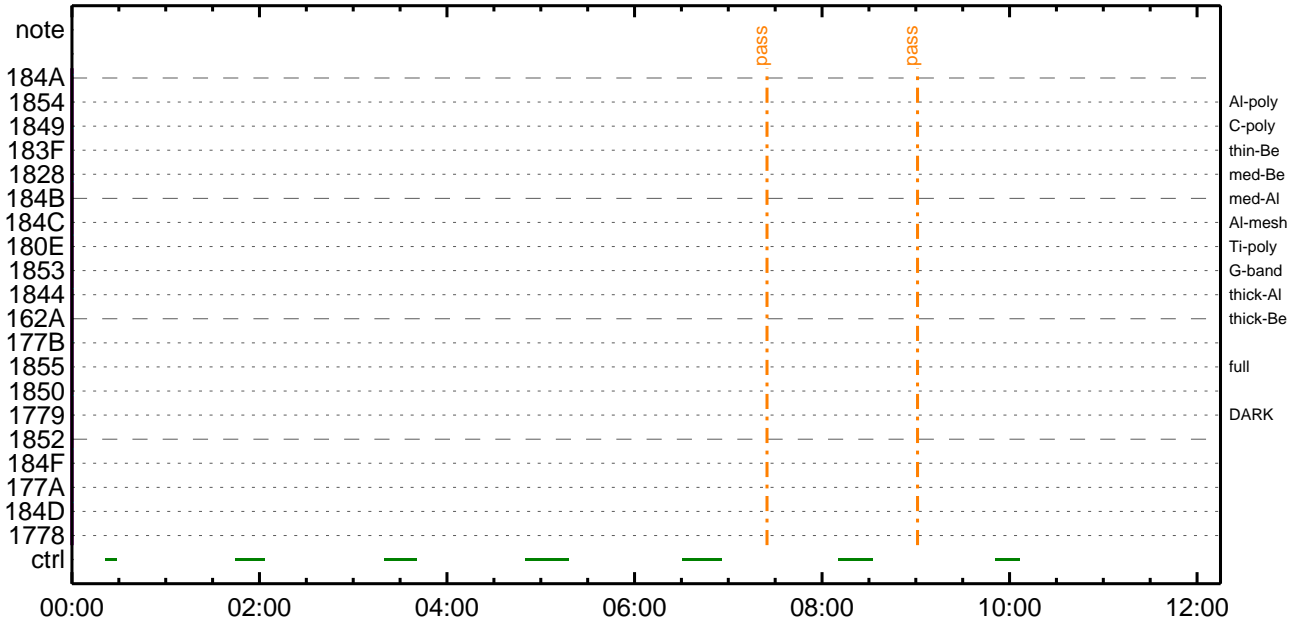


### CMDI #0734 2011/01/26

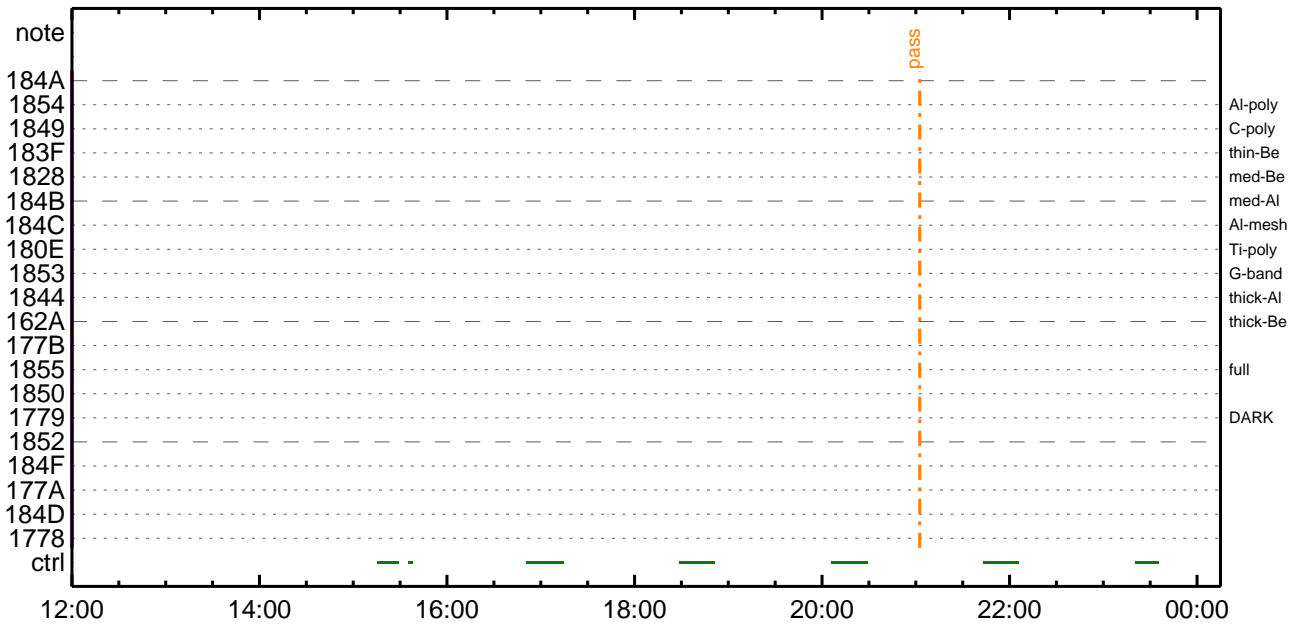




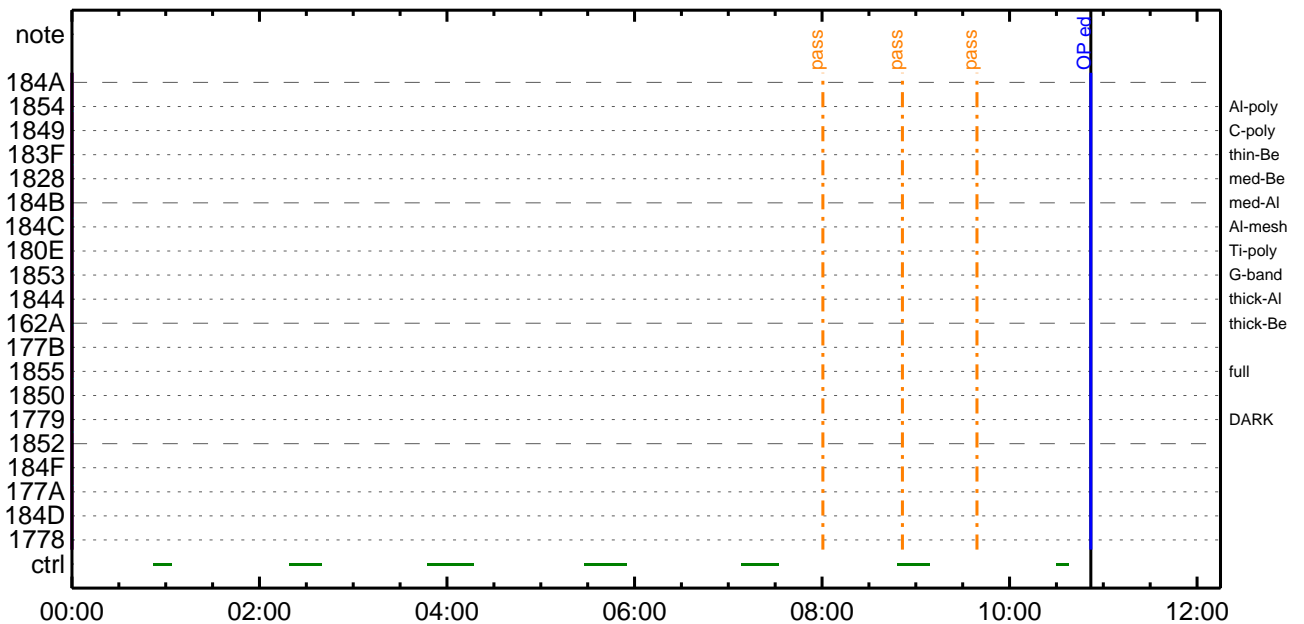
CMDI #0734 2011/01/28



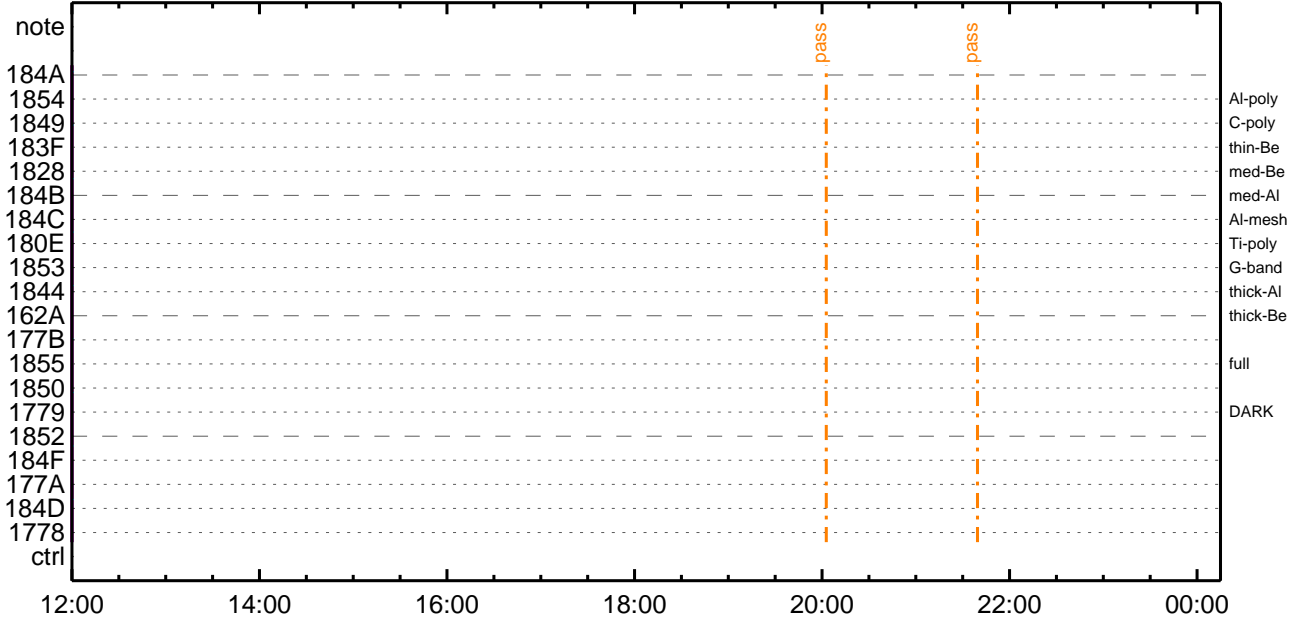
CMDI #0734 2011/01/28



CMDI #0734 2011/01/29



CMDI #0734 2011/01/29















(a) Spacecraft Operation Procedure (real-commands)

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main-851 2011-01-25 13:41:35 142 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
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□¿□□□•µ°È»Í×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;È□È¼°ÇÓ□•□¿¼í¹ç□í;çÀ®, ù□¹□è□□□□çÁ+¿®□•□È□□□□□È;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 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 85 83 08 08)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 06 06)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 10 80 80 08 08)
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 2011-01-25 10:01:02.0
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-261: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. < Upload DPL table >
0093 C.
0094 C. YçYÁY×Yí;¼YÉ□íÁ°□ÈSTS_CHK□□□OFF□È□¹□è
0095 C.
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Jan 25, 11 13:41

## XRT\_OGLIST\_0734.chk

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

2011/01/25	10:11:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/01/25	10:11:56.0	XRT_FOCUS_POSITION_409_OG [0x199]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2011/01/25	10:12:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	04 00 00 00 00			
2011/01/25	10:12:16.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/01/25	10:12:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/01/25	10:12:20.0	XRT_AEC_RESET_443_OG [0x1bb]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/01/25	10:12:22.0	XRT_ARS_DIS_437_OG [0x1b5]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/01/25	10:14:54.0	XRT_FLD_RESET_412_OG [0x19c]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2011/01/25	10:14:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2011/01/25	10:14:58.0	XRT_FL_PROG_SET_421_OG [0x1a5]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10			
2011/01/25	10:15:00.0	XRT_CTRL_AUTO_406_OG [0x196]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/01/25	15:03:00.0	XRT_CTRL_MANU_408_OG [0x198]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/01/25	15:03:02.0	XRT_FLD_RESET_412_OG [0x19c]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2011/01/25	15:03:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/01/25	15:06:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/01/25	15:15:30.0	XRT_Custom_418_OG [0x1a2]						
2011/01/25	15:16:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/01/25	16:38:00.0	XRT_CTRL_MANU_408_OG [0x198]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/01/25	16:38:02.0	XRT_FLD_RESET_412_OG [0x19c]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2011/01/25	16:38:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/01/25	16:41:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/01/25	17:02:00.0	XRT_Custom_418_OG [0x1a2]						
2011/01/25	17:03:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/01/25	17:51:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/01/25	17:51:56.0	XRT_FOCUS_POSITION_401_OG [0x191]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2011/01/25	17:52:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2011/01/25	17:52:16.0	XRT_FLD_DIS_402_OG [0x192]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2011/01/25	17:52:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2011/01/25	17:52:20.0	XRT_ARS_DIS_438_OG [0x1b6]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/01/25	17:54:58.0	XRT_QT_PROG_SET_403_OG [0x193]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2011/01/25	17:55:00.0	XRT_CTRL_AUTO_406_OG [0x196]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/01/25	18:01:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/01/25	18:01:56.0	XRT_FOCUS_POSITION_409_OG [0x199]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2011/01/25	18:02:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	04 00 00 00 00			
2011/01/25	18:02:16.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/01/25	18:02:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/01/25	18:02:20.0	XRT_AEC_RESET_443_OG [0x1bb]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/01/25	18:02:22.0	XRT_ARS_DIS_437_OG [0x1b5]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/01/25	18:04:54.0	XRT_FLD_RESET_412_OG [0x19c]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2011/01/25	18:04:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b			
2011/01/25	18:04:58.0	XRT_FL_PROG_SET_421_OG [0x1a5]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10			
2011/01/25	18:05:00.0	XRT_CTRL_AUTO_406_OG [0x196]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/01/25	18:15:30.0	XRT_CTRL_MANU_408_OG [0x198]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/01/25	18:15:32.0	XRT_FLD_RESET_412_OG [0x19c]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2011/01/25	18:15:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/01/25	18:18:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/01/25	18:38:30.5	XRT_Custom_418_OG [0x1a2]						

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2011/01/25	18:39:30.5	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/25	19:52:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/25	19:52:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/25	19:52:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/25	19:55:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/25	20:16:00.0	XRT_Custom_418_OG [0x1a2]							
2011/01/25	20:17:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/25	21:30:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/25	21:30:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/25	21:30:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/25	21:33:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/25	21:52:30.0	XRT_Custom_418_OG [0x1a2]							
2011/01/25	21:53:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/25	23:07:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/25	23:07:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/25	23:07:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/25	23:10:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/25	23:25:30.0	XRT_Custom_418_OG [0x1a2]							
2011/01/25	23:26:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/26	00:44:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/26	00:44:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/26	00:44:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/26	00:47:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/26	00:51:00.0	XRT_Custom_418_OG [0x1a2]							
2011/01/26	00:52:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/26	02:07:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/26	02:07:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/26	02:07:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/26	02:10:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/26	02:27:00.0	XRT_Custom_418_OG [0x1a2]							
2011/01/26	02:28:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/26	03:38:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/26	03:38:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/26	03:38:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/26	03:41:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/26	04:04:30.0	XRT_Custom_418_OG [0x1a2]							
2011/01/26	04:05:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/26	05:14:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/26	05:14:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/26	05:14:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/26	05:17:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/26	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/26	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/01/26	06:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/01/26	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/01/26	06:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/01/26	06:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/01/26	06:02:58.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2011/01/26	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/26	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							



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2011/01/26	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/01/26	06:10:00.0	AOCS_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/01/26	06:10:16.0	XRT_AEC_RESET_443_OG [0x1bb]	AOCU_NM	5	02-76	00 3a 35 c1 f4	
2011/01/26	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/01/26	06:10:20.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/01/26	06:10:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/01/26	06:10:24.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/01/26	06:12:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/01/26	06:12:58.0	XRT_FL_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2011/01/26	06:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 10	
2011/01/26	06:55:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/01/26	06:55:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/01/26	06:55:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/01/26	06:58:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/01/26	07:19:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/01/26	07:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	XRT_Custom_418_OG [0x1a2]				
2011/01/26	08:34:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/01/26	08:34:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/01/26	08:34:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/01/26	08:37:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/01/26	08:56:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/01/26	08:57:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	XRT_Custom_418_OG [0x1a2]				
2011/01/26	09:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/01/26	09:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/01/26	10:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/01/26	10:00:16.0	XRT_AEC_RESET_443_OG [0x1bb]	AOCU_NM	5	02-76	00 e5 59 51 ca	
2011/01/26	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/01/26	10:00:20.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/01/26	10:00:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/01/26	10:00:24.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/01/26	10:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/01/26	10:02:58.0	XRT_FL_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2011/01/26	10:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 10	
2011/01/26	10:16:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/01/26	10:16:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/01/26	10:16:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/01/26	10:19:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/01/26	10:27:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/01/26	10:28:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	XRT_Custom_418_OG [0x1a2]				
2011/01/26	12:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/01/26	17:55:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/01/26	17:55:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/01/26	17:55:30.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2011/01/26	17:55:46.0	XRT_FLD_DIS_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00 00	
2011/01/26	17:55:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2011/01/26	17:55:50.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2011/01/26	17:58:28.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/01/26	17:58:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	

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2011/01/26	18:05:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/26	18:05:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2011/01/26	18:05:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00
2011/01/26	18:05:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2011/01/26	18:05:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2011/01/26	18:05:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2011/01/26	18:05:52.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2011/01/26	18:08:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/01/26	18:08:26.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2011/01/26	18:08:28.0	XRT_FL_PROG_SET_421_OG [0x1a5]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 10
2011/01/26	18:08:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/01/26	18:52:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/26	18:52:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/01/26	18:52:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/01/26	18:55:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/01/26	19:15:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]	1	07-F0	c0
2011/01/26	19:16:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/01/26	20:29:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/26	20:29:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/01/26	20:29:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/01/26	20:32:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/01/26	20:52:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]	1	07-F0	c0
2011/01/26	20:53:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/01/26	22:06:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/26	22:06:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/01/26	22:06:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/01/26	22:09:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/01/26	22:28:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]	1	07-F0	c0
2011/01/26	22:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/01/26	23:44:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/26	23:44:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/01/26	23:44:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/01/26	23:47:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/01/26	23:55:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]	1	07-F0	c0
2011/01/26	23:56:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/01/27	01:10:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/27	01:10:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/01/27	01:10:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/01/27	01:13:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/01/27	01:27:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]	1	07-F0	c0
2011/01/27	01:28:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/01/27	02:43:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/27	02:43:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/01/27	02:43:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/01/27	02:46:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/01/27	03:04:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]	1	07-F0	c0
2011/01/27	03:05:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/01/27	04:12:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/01/27	04:12:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da

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2011/01/27	04:12:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/27	04:15:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/27	04:41:00.0	XRT_Custom_418_OG [0x1a2]							
2011/01/27	04:42:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/27	05:52:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/27	05:52:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/01/27	05:52:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/01/27	05:55:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/01/27	06:28:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/27	06:28:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/01/27	06:28:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/01/27	06:28:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/01/27	06:28:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/01/27	06:28:50.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/01/27	06:31:28.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2011/01/27	06:31:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/01/27	06:38:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/01/27	06:38:30.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 e0 00 b2 a8				
2011/01/27	09:48:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				