

# XRT Timeline to be uploaded on 2012/07/10

Period: 2012/07/10 09:09:00 - 2012/07/14 10:33:00

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Normal mode

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XOB #18F2: HOP130-Synoptic 3 Filter- 1x1 Q98 Short exp 2 loop											
Term	Pointing (x, y)						Comment				
07/10 10:25:30 - 07/10 10:59:30	Fixed ( 0.0, 0.0) # 3/15										
<b>PROG= 09 2-time(s)</b>											
└─ Subr= 1 1-time(s) 180.0sec											
└─ Seqn= 55 1-time(s) 25.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 44ms Obs 1x1 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 2.83s Obs 1x1 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Seqn= 97 1-time(s) 25.0sec											
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 86ms Obs 1x1 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Norm 5.66s Obs 1x1 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Seqn= 12 1-time(s) 2.0sec											
└─ Open/thick-Al Open/thick-Al 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 #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT											
Term	Pointing (x, y)						Comment				
07/10 15:45:00 - 07/10 17:29:54	Fixed ( 0.0, 945.0) # Coalignment at North Pole.										
<b>PROG= 08 1-time(s)</b>											
└─ Subr= 1 1-time(s) 360.0sec											
└─ Seqn= 21 24-time(s) 300.0sec											
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec											
Default Filter    Thicker Filter    VLS    mode    image    Exp.    CCD    Bin    ROI: size (center)    Comp.    AEC Buffer    Interval											

XOB #18FF: Synoptic Q95 2x2 - Al/mesh(12/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(24/1443) + G-band(12)											
Term	Pointing (x, y)						Comment				
07/10 18:20:00 - 07/10 19:12:00	Fixed ( 0.0, 0.0)						synoptic, shifted and extended to 3 hours for SOT engineering.				
07/11 06:08:00 - 07/11 06:14:54	Fixed ( 0.0, 0.0)						synoptic, shifted 5.0 min				
07/11 17:23:00 - 07/11 17:29:54	Fixed ( 0.0, 0.0)						synoptic, shifted.				
07/12 06:18:30 - 07/12 06:25:24	Fixed ( 0.0, 0.0)						synoptic, shifted 15.5 min				
<b>PROG= 03 1-time(s)</b>											
└─ Subr= 1 1-time(s) 12.0sec											
└─ Seqn= 46 1-time(s) 4.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 707ms 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= 69 1-time(s) 4.0sec											
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 9 1-time(s) 2.0sec											
└─ Open/G-band Open/G-band open Safe Norm 12ms 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 #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT											
Term	Pointing (x, y)						Comment				
07/10 20:45:00 - 07/10 22:29:54	Fixed ( -945.0, 0.0) # Coalignment at East limb.										
<b>PROG= 18 1-time(s)</b>											
└─ Subr= 1 1-time(s) 360.0sec											
└─ Seqn= 22 15-time(s) 480.0sec											
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec											
Default Filter    Thicker Filter    VLS    mode    image    Exp.    CCD    Bin    ROI: size (center)    Comp.    AEC Buffer    Interval											

XOB #1900: AR Standard-A(Filter-Ratio) with 384PFB, FW1=Open, 512x512 at 1064 1048, 150s cad, 45ms G-band											
Term	Pointing (x, y)						Comment				
07/10 23:09:00 - 07/11 06:04:54	Track ( -333.0, -380.3) <sup>Ⓜ 07/10 22:30:00</sup>						# AR 1520 observations.				
07/11 06:18:00 - 07/11 16:32:30	Track ( -271.5, -382.3) <sup>Ⓜ 07/11 06:15:00</sup>						# AR cont.				
07/11 17:33:00 - 07/11 18:11:00	Track ( -179.5, -384.8) <sup>Ⓜ 07/11 17:30:00</sup>						# Hi-C rocket coordination.				
07/11 20:34:00 - 07/12 06:15:24	Track ( -158.8, -385.2) <sup>Ⓜ 07/11 20:00:00</sup>						# AR cont.				
07/12 06:28:30 - 07/12 08:52:30	Track ( -71.4, -386.7) <sup>Ⓜ 07/12 06:25:30</sup>						# AR cont.				
<b>PROG= 12 Inf.-time(s)</b>											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 11 1-time(s) 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec											
└─ Open/G-band Open/G-band open Safe Norm 44ms Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec											
└─ Seqn= 15 4-time(s) 2.0sec											

Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 23 18-time(s) 150.0sec</b>												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
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	2.0sec
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	2.0sec
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	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1901: HI-C - Ti/Poly(256ms/1024ms), AEC3/2 -512x512- 30sec cad**

Term	Pointing (x, y)	Comment
07/11 18:53:00 - 07/11 19:49:30	Track ( -233.1, -365.0) <sup>07/11 18:45:00</sup>	# Hi-C rocket flight (offset from track).
<b>PROG= 17 Inf.-time(s)</b>		
<b>Subr= 1 1-time(s) 30.0sec</b>		
<b>Seqn= 11 1-time(s) 30.0sec</b>		
Open/Ti-poly	Open/thick-Al	close Safe Dark 16.0s Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec
Open/G-band	Open/G-band	open Safe Norm 44ms Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec
<b>Subr= 2 150-time(s) 2.0sec</b>		
<b>Seqn= 31 1-time(s) 30.0sec</b>		
Open/Ti-poly	Open/thick-Al	close Safe Norm 250ms Obs 1x1 512x512 (1064, 1048) Q=98 3 0 15.0sec
Open/Ti-poly	Open/thick-Al	close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=98 2 0 15.0sec
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
07/10 23:09:00 - 07/11 06:04:54	Track ( -333.0, -380.3) <sup>07/10 22:30:00</sup>	# AR 1520 observations.
07/11 06:18:00 - 07/11 16:32:30	Track ( -271.5, -382.3) <sup>07/11 06:15:00</sup>	# AR cont.
07/11 20:34:00 - 07/12 06:15:24	Track ( -158.8, -385.2) <sup>07/11 20:00:00</sup>	# AR cont.
07/12 06:28:30 - 07/12 08:52:30	Track ( -71.4, -386.7) <sup>07/12 06:25:30</sup>	# AR cont.
<b>PROG= 13 1-time(s)</b>		
<b>Subr= 1 30-time(s) 20.0sec</b>		
<b>Seqn= 88 1-time(s) 2.0sec</b>		
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
<b>Seqn=100 1-time(s) 2.0sec</b>		
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
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 90 1-time(s) 2.0sec</b>		
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
<b>Subr= 3 30-time(s) 60.0sec</b>		
<b>Seqn= 88 1-time(s) 2.0sec</b>		
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
<b>Seqn= 60 1-time(s) 2.0sec</b>		
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
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 90 1-time(s) 2.0sec</b>		
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
<b>Subr= 3 30-time(s) 60.0sec</b>		
<b>Seqn= 88 1-time(s) 2.0sec</b>		
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
<b>Seqn= 60 1-time(s) 2.0sec</b>		
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
<b>Subr= 2 1-time(s) 2.0sec</b>		
<b>Seqn= 90 1-time(s) 2.0sec</b>		
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
<b>Subr= 3 30-time(s) 60.0sec</b>		
<b>Seqn= 88 1-time(s) 2.0sec</b>		
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
<b>Seqn= 60 1-time(s) 2.0sec</b>		

Subr= 4	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
	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

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NOT USED

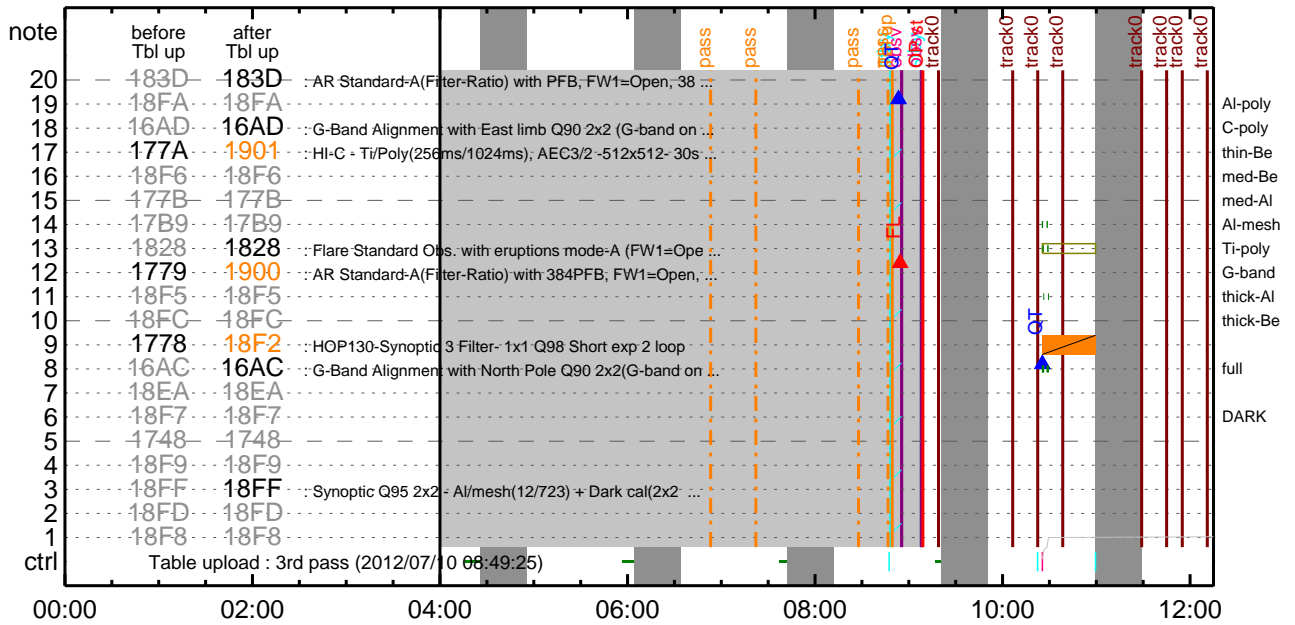
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### Flare Detection

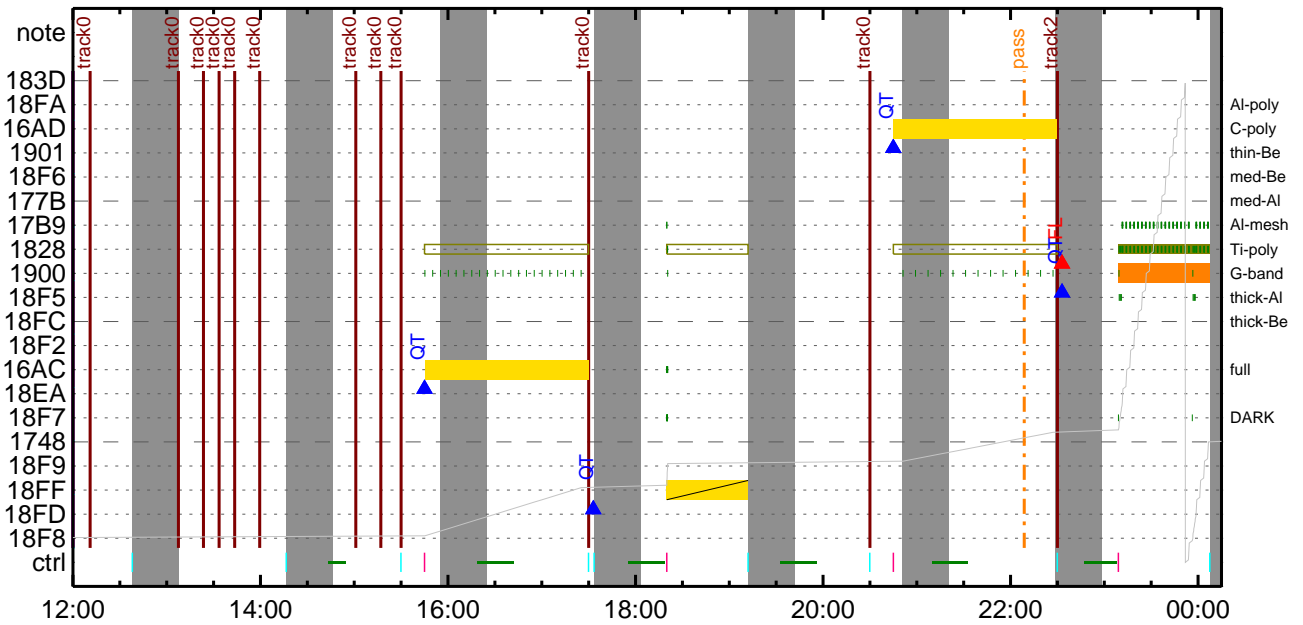
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FLD Patrol												
Term		Pointing (x, y)						Comment				
07/10 22:32:46 - 07/11 06:05:16	Track ( -333.0, -380.3)	Ⓜ 07/10 22:30:00						# AR 1520 observations.				
07/11 06:17:46 - 07/11 17:20:16	Track ( -271.5, -382.3)	Ⓜ 07/11 06:15:00						# AR cont.				
07/11 17:32:46 - 07/12 06:15:46	Track ( -179.5, -384.8)	Ⓜ 07/11 17:30:00						# Hi-C rocket coordination.				
07/12 06:28:16 - 07/14 10:33:00	Track ( -71.4, -386.7)	Ⓜ 07/12 06:25:30						# AR cont.				
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs 8x8			Q=50	30sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

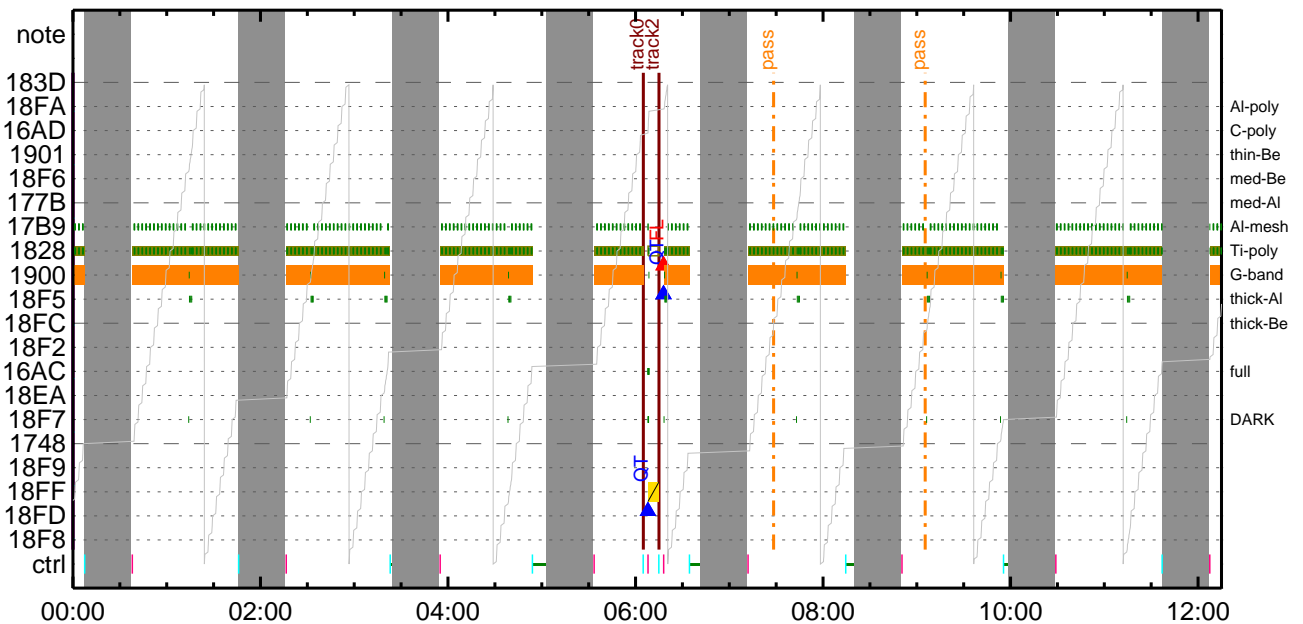
### CMDI #0760 2012/07/10



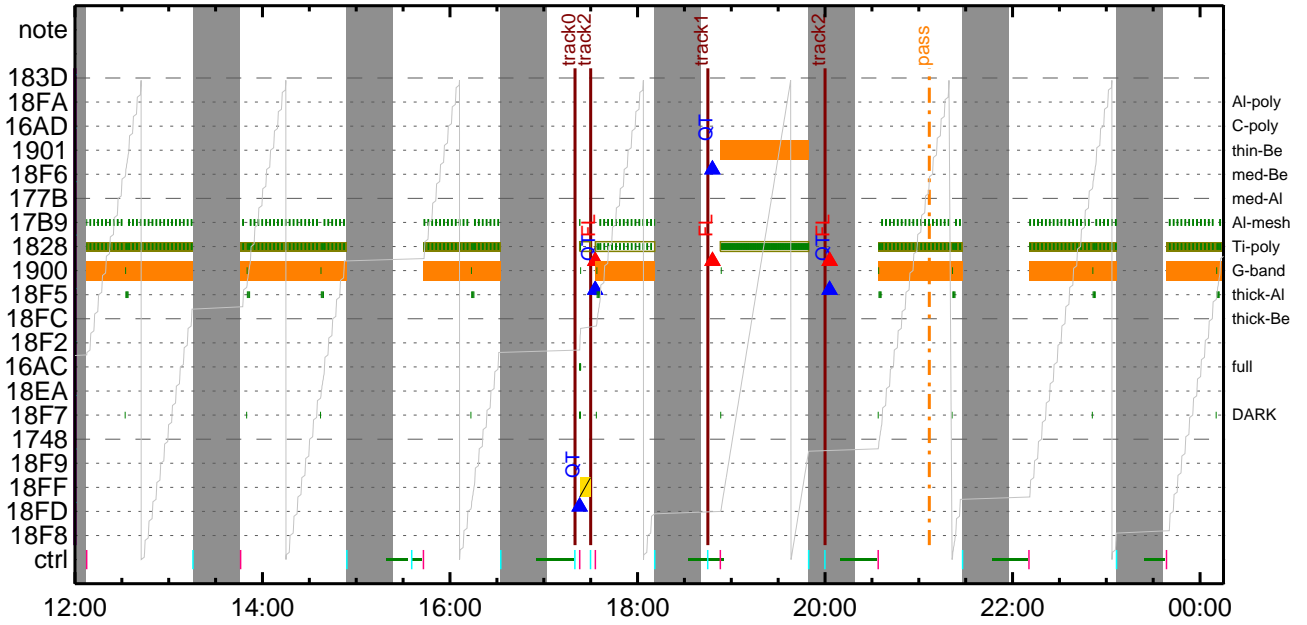
### CMDI #0760 2012/07/10



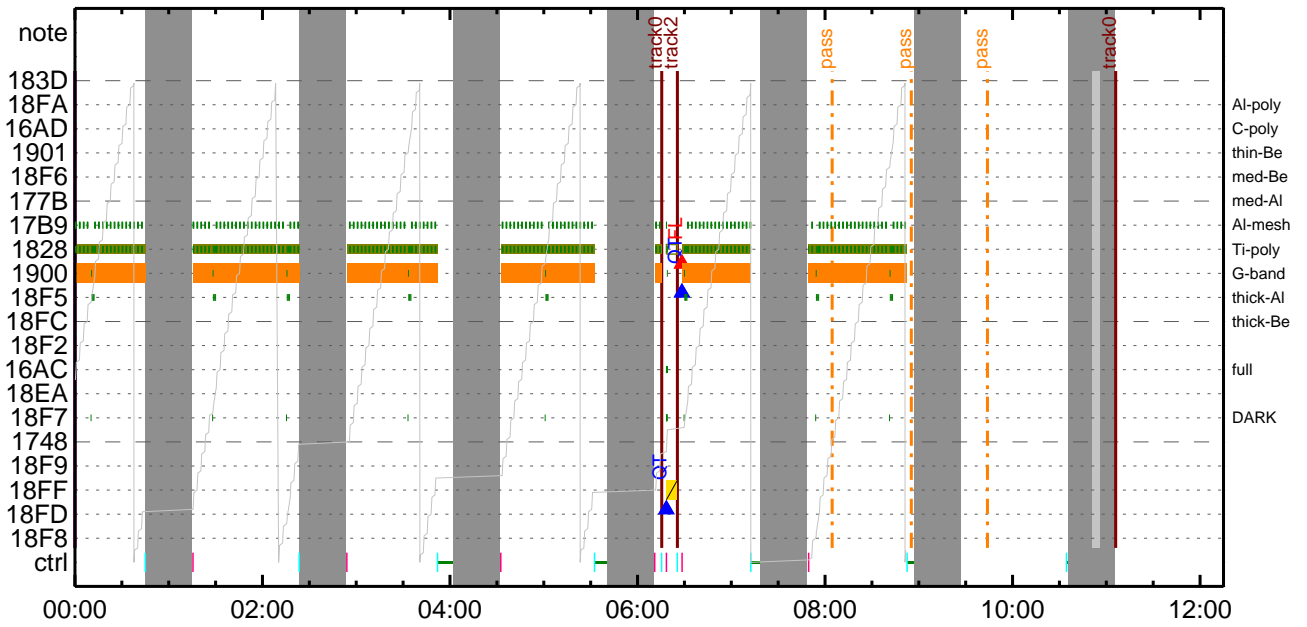
### CMDI #0760 2012/07/11



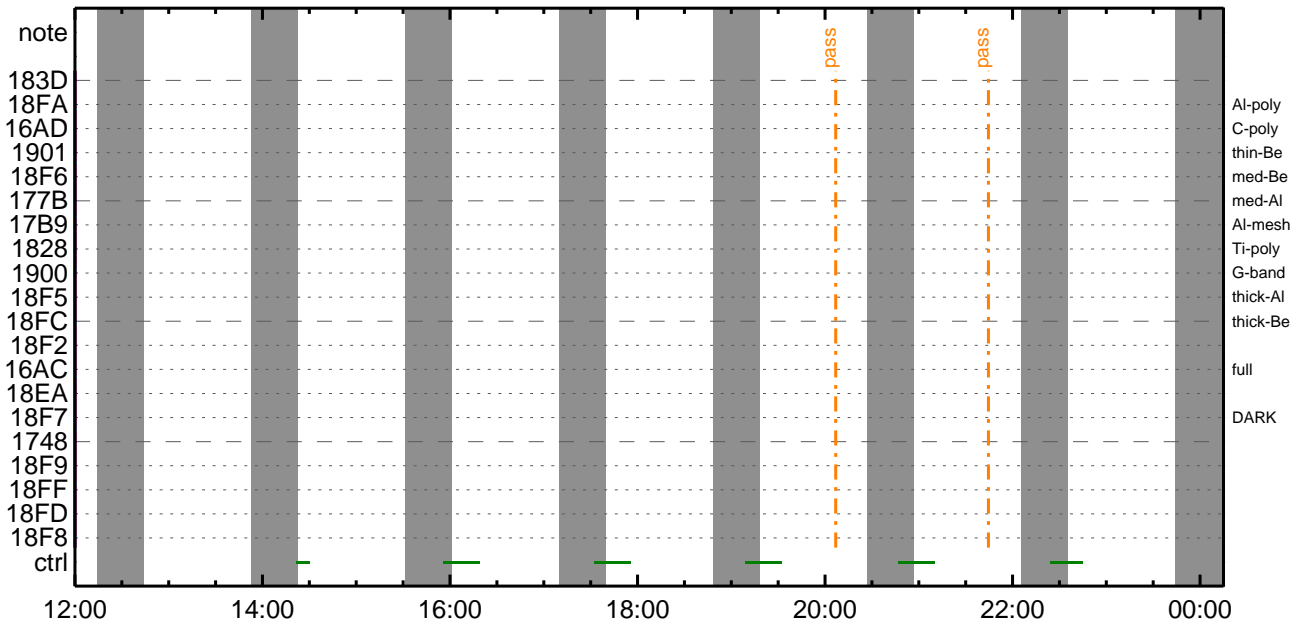
CMDI #0760 2012/07/11



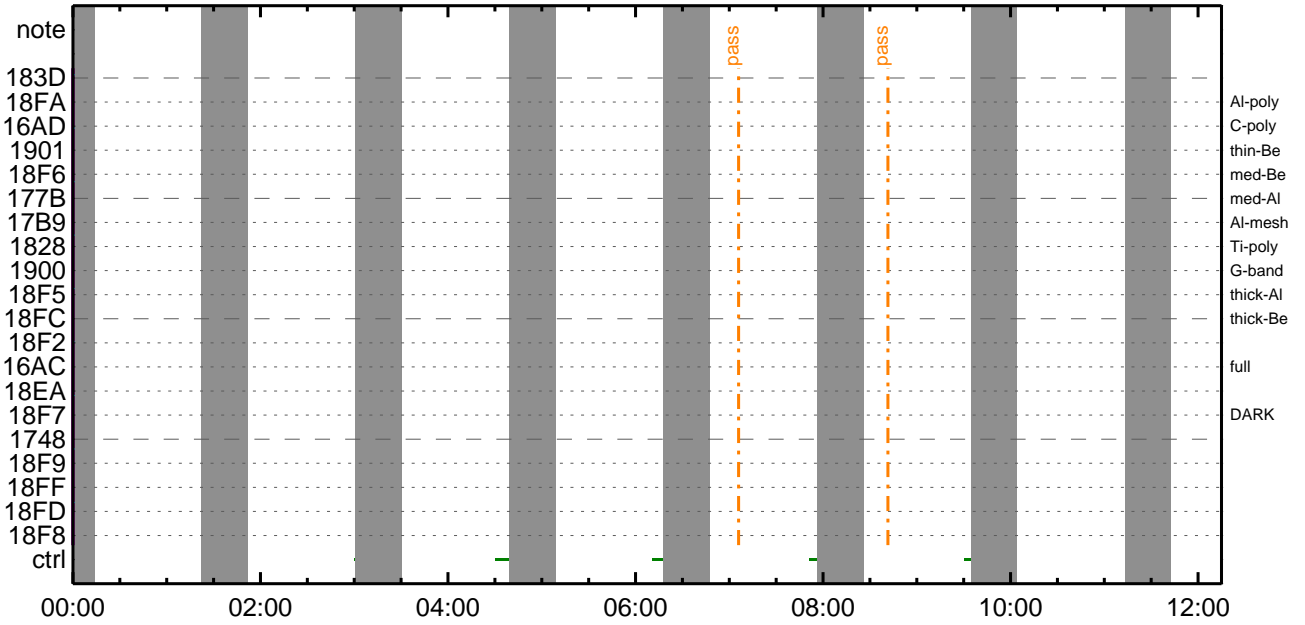
CMDI #0760 2012/07/12



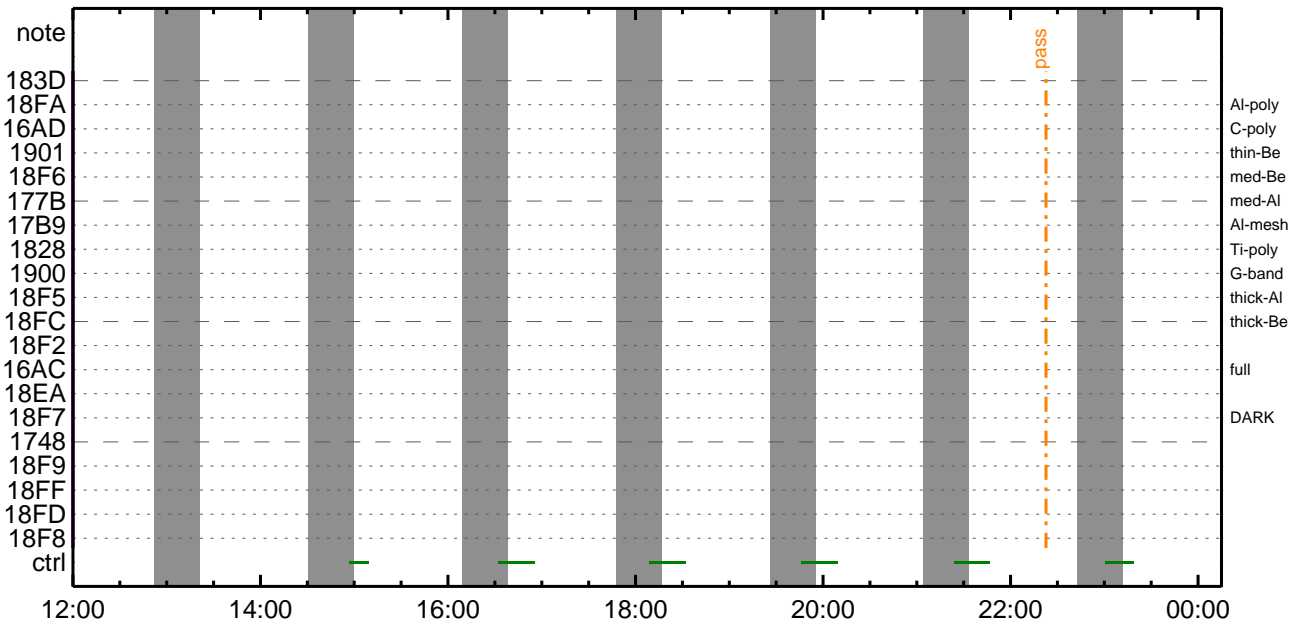
CMDI #0760 2012/07/12



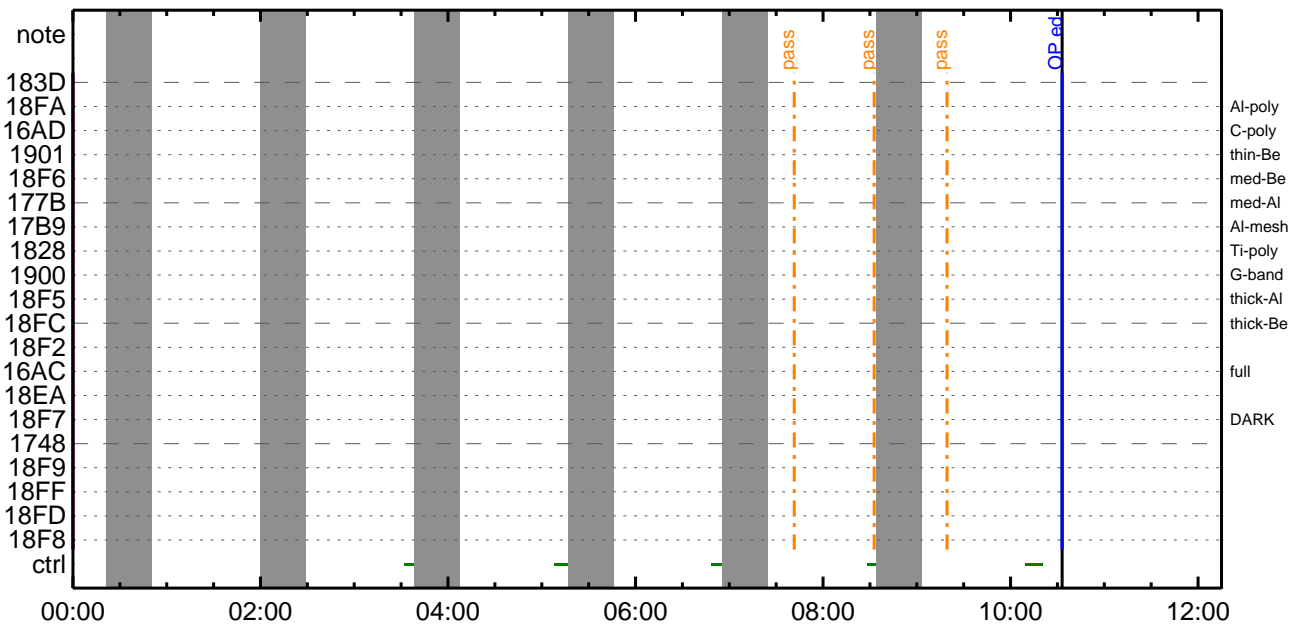
CMDI #0760 2012/07/13



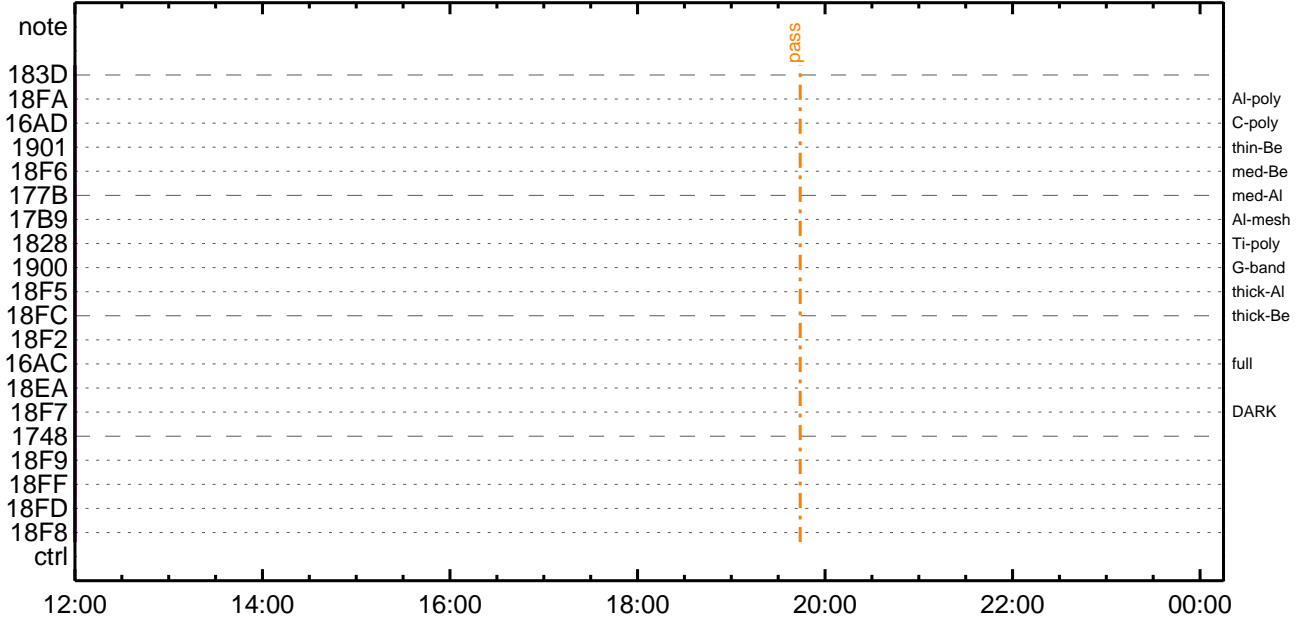
CMDI #0760 2012/07/13



CMDI #0760 2012/07/14



CMDI #0760 2012/07/14









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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOSŸÁŸSŸÃŸ~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
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Jul 10, 12 12:38

## XRT\_OGLIST\_0760.chk

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

2012/07/10	09:19:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	ac	cd
2012/07/10	10:06:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	d6	67
2012/07/10	10:22:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0				c1	
2012/07/10	10:22:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/07/10	10:22:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2012/07/10	10:22:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0				d9	
2012/07/10	10:22:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0				c9	
2012/07/10	10:22:50.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0				d5	
2012/07/10	10:25:28.0	XRT_QT_PROG_SET_448_OG [0x1c0]							
		MDP_XRT_QT_PROG_SET	2	07-F0				c4	09
2012/07/10	10:25:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0				c0	
2012/07/10	10:38:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	29	99
2012/07/10	10:59:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0				c1	
2012/07/10	10:59:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0				da	
2012/07/10	10:59:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0				e8	
2012/07/10	11:02:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0				e9	
2012/07/10	11:29:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	00	00	53	33
2012/07/10	11:45:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	d6	36	b7	8e
2012/07/10	11:55:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	b4	b5	db	75
2012/07/10	12:11:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00	ac	5b	00	00
2012/07/10	12:38:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0				c1	
2012/07/10	12:38:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0				da	
2012/07/10	12:38:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0				e8	
2012/07/10	12:41:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0				e9	
2012/07/10	13:07:30.0	AOCS_ORe-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	b4	b5	24	8b
2012/07/10	13:23:30.0	AOCS_ORe-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00	d6	36	48	72
2012/07/10	13:33:30.0	AOCS_ORe-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00	29	ca	b7	8e
2012/07/10	13:43:30.0	AOCS_ORe-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00	4b	4b	db	75
2012/07/10	13:59:30.0	AOCS_ORe-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00	53	a5	00	00
2012/07/10	14:16:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0				c1	
2012/07/10	14:16:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0				da	
2012/07/10	14:16:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0				e8	
2012/07/10	14:19:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0				e9	
2012/07/10	15:01:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00	4b	4b	24	8b
2012/07/10	15:17:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00	29	db	48	72
2012/07/10	15:29:54.0	XRT_CTRL_MANU_417_OG [0x1a1]							
		MDP_XRT_CTRL_MANU	1	07-F0				c1	
2012/07/10	15:30:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00	ac	00	00	00
2012/07/10	15:44:28.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/07/10	15:44:48.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0				d9	
2012/07/10	15:44:50.0	XRT_FLRCTRL_DIS_446_OG [0x1be]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0				c9	
2012/07/10	15:44:52.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0				d0	
2012/07/10	15:44:54.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0				d5	
2012/07/10	15:44:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0				da	
2012/07/10	15:44:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0				c4	08
2012/07/10	15:45:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0				c0	
2012/07/10	17:29:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0				c1	
2012/07/10	17:29:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							

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2012/07/10	17:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	00	00	00
2012/07/10	17:30:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2012/07/10	17:30:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2012/07/10	17:30:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2012/07/10	17:32:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2012/07/10	17:33:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/10	17:33:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/10	17:33:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2012/07/10	17:36:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2012/07/10	18:19:00.5	XRT_Custom_418_OG [0x1a2]							
2012/07/10	18:20:00.5	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/10	19:12:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/10	19:12:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/10	19:12:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2012/07/10	19:15:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2012/07/10	20:29:54.0	XRT_CTRL_MANU_417_OG [0x1a1]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/10	20:30:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00	00	00	54
2012/07/10	20:44:28.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2012/07/10	20:44:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2012/07/10	20:44:50.0	XRT_FLRCTRL_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2012/07/10	20:44:52.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2012/07/10	20:44:54.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2012/07/10	20:44:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/10	20:44:58.0	XRT_QT_PROG_SET_410_OG [0x19a]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2012/07/10	20:45:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/10	22:29:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/10	22:30:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	02	00	00	00
2012/07/10	22:32:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2012/07/10	22:32:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2012/07/10	22:32:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2012/07/10	22:32:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2012/07/10	22:32:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2012/07/10	22:32:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/10	22:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c		
2012/07/10	22:32:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2012/07/10	23:08:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/10	23:09:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/11	00:07:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/11	00:07:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/11	00:07:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2012/07/11	00:10:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2012/07/11	00:37:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	00:38:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/11	01:46:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/11	01:46:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/11	01:46:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2012/07/11	01:49:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2012/07/11	02:15:30.0	XRT_Custom_418_OG [0x1a2]							



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2012/07/11	02:16:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	03:23:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	03:23:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	03:23:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	03:26:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	03:54:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	03:55:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	04:54:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	04:54:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	04:54:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	04:57:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	05:32:30.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	05:33:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	06:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	06:04:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/07/11	06:05:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2012/07/11	06:05:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/07/11	06:05:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/11	06:05:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/11	06:07:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2012/07/11	06:08:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	06:14:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	06:15:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2012/07/11	06:17:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/07/11	06:17:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/07/11	06:17:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/07/11	06:17:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/07/11	06:17:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/11	06:17:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	06:17:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2012/07/11	06:17:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2012/07/11	06:18:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	06:34:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	06:34:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	06:34:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	06:37:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	07:11:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	07:12:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	08:14:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	08:14:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	08:14:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	08:17:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	08:49:30.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	08:50:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	09:55:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	09:55:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	09:55:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	09:58:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	10:28:00.0	XRT_Custom_418_OG [0x1a2]							

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2012/07/11	10:29:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	11:37:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	11:37:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	11:37:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	11:40:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	12:06:30.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	12:07:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	13:15:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	13:15:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	13:15:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	13:18:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	13:45:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	13:46:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	14:54:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	14:54:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	14:54:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	14:57:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	15:35:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	15:35:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	15:35:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	15:38:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	15:42:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	15:43:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	16:32:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	16:32:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	16:32:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	16:35:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	17:19:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	17:19:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/07/11	17:20:00.0	AOCs_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2012/07/11	17:20:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/07/11	17:20:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/11	17:20:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/11	17:22:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2012/07/11	17:23:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	17:29:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	17:30:00.0	AOCs_OrE-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2012/07/11	17:32:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/07/11	17:32:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/07/11	17:32:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/11	17:32:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/07/11	17:32:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/11	17:32:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	17:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2012/07/11	17:32:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2012/07/11	17:33:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	18:11:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	18:11:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

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2012/07/11	18:11:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	18:14:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	18:44:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	18:45:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	01 fe 36 05 b2				
2012/07/11	18:47:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/07/11	18:47:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/07/11	18:47:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/11	18:47:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/07/11	18:47:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/11	18:47:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	18:47:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2012/07/11	18:47:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2012/07/11	18:53:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	19:49:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	19:49:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	19:49:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	19:52:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	19:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	20:00:00.0	AOCS_OrE-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2012/07/11	20:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/07/11	20:02:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/07/11	20:02:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/07/11	20:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/07/11	20:02:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/11	20:02:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	20:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2012/07/11	20:02:58.0	XRT_FL_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2012/07/11	20:33:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	20:34:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	21:28:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	21:28:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	21:28:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	21:31:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	22:09:30.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	22:10:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/11	23:06:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/11	23:06:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/11	23:06:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/11	23:09:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/11	23:37:30.0	XRT_Custom_418_OG [0x1a2]							
2012/07/11	23:38:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/12	00:45:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/12	00:45:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/12	00:45:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/12	00:48:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/12	01:14:30.0	XRT_Custom_418_OG [0x1a2]							
2012/07/12	01:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/12	02:23:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/12	02:23:32.0	XRT_FLD_RESET_412_OG [0x19c]							

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2012/07/12	02:23:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/12	02:26:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/12	02:53:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/12	02:54:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/12	03:52:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	03:52:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/12	03:52:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/12	03:55:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/12	04:31:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/12	04:32:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	05:32:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	05:32:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/12	05:32:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/12	05:35:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/12	06:10:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/12	06:11:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	06:15:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	06:15:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2012/07/12	06:15:30.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2012/07/12	06:15:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/07/12	06:15:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/07/12	06:15:50.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/07/12	06:18:28.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2012/07/12	06:18:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/12	06:25:24.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	06:25:30.0	AOCs_OrE-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	02 00 00 00 00	
2012/07/12	06:27:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/07/12	06:28:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2012/07/12	06:28:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2012/07/12	06:28:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/07/12	06:28:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/07/12	06:28:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/12	06:28:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2012/07/12	06:28:28.0	XRT_FL_PROG_SET_449_OG [0x1c1]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2012/07/12	06:28:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/12	07:12:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	07:12:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/12	07:12:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/12	07:15:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/12	07:48:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/12	07:49:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	08:52:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	08:52:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/12	08:52:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/12	08:55:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/12	10:34:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/12	10:34:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/12	10:34:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	

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2012/07/12 10:37:44.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP 1 07-F0 e9
2012/07/12 11:06:00.0 AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM                    5 02-76 00 00 00 00 00
```