

# XRT Timeline to be uploaded on 2010/09/06

Period: 2010/09/06 10:13:00 - 2010/09/09 10:13:00

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Normal mode

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XOB #17A9: Full-disk Full-Res AI/Mesh, Ti/Poly, Thick/AI - 2 loops													
Term	Pointing (x, y)		Comment										
09/06 11:14:30 - 09/06 14:15:24	Fixed ( 0.0, 0.0)												
<b>PROG= 09 1-time(s)</b>													
└─ Subr= 1 2-time(s) 300.0sec													
└─ Seqn= 13 1-time(s) 2.0sec													
	Open/thick-AI	Open/thick-AI	close	Safe	Norm	22.6s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 12 1-time(s) 2.0sec													
	Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	125ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 11 1-time(s) 2.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 14 1-time(s) 2.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	1.00s	Obs	1x1	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 #1807: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 512x512 at 1064 1048, 225s cad													
Term	Pointing (x, y)		Comment										
09/06 14:18:32 - 09/06 17:41:30	Track ( 760.2, 228.5) <sup>Ⓢ 09/06 14:15:30</sup>		* Track AR 11105.										
09/07 02:18:02 - 09/07 05:49:54	Track ( 811.6, 239.7) <sup>Ⓢ 09/07 02:15:00</sup>		* Track AR 11105.										
09/07 12:03:02 - 09/07 17:54:54	Track ( 845.6, 249.4) <sup>Ⓢ 09/07 12:00:00</sup>		Track AR 11105										
09/08 02:08:02 - 09/08 05:59:54	Fixed ( 881.0, 268.0)		* AR 11105 at W limb.										
<b>PROG= 20 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 17 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-AI	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	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 6 4-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-AI	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/thick-AI	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 51 20-time(s) 225.0sec													
	Open/AI-mesh	Open/thick-AI	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/AI-mesh	Open/thick-AI	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	1	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	1	2.0sec
	Open/AI-mesh	Open/thick-AI	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	2	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	2	2.0sec
	Open/AI-mesh	Open/thick-AI	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	3	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (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 #17B9: Synoptic Q95 2x2 - AI/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + G-band(16)													
Term	Pointing (x, y)		Comment										
09/06 18:08:02 - 09/06 18:14:54	Fixed ( 0.0, 0.0)		synoptic, shifted 5.0 min										
09/07 05:55:02 - 09/07 08:20:24	Fixed ( 0.0, 0.0)		synoptic, shifted manually, extended for SOT flat fields.										
09/07 17:58:02 - 09/07 18:04:54	Fixed ( 0.0, 0.0)		synoptic, shifted -5.0 min										
09/08 06:03:02 - 09/08 06:09:54	Fixed ( 0.0, 0.0)		synoptic										
<b>PROG= 03 1-time(s)</b>													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 7 1-time(s) 4.0sec													
	Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/AI-mesh	Open/AI-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-AI	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-AI	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-AI	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-AI	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-AI	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 8 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	32ms	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 #1809: HOP101 - Ti/poly 8s, G-band - 384x384-AEC1-ROI centered												
Term	Pointing (x, y)		Comment									
09/06 18:18:02 - 09/07 02:14:54	Fixed ( -11.0, 890.0)		# HOP 101, N pole helioseismology.									

PROG= 08 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 23 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
Subr= 2 30-time(s) 2.0sec													
└─ Seqn= 34 2-time(s) 30.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=90	1	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #180F: HOP 132 - FW1 only - 5min cadence - 2x2 - 768FOV**

Term	Pointing (x, y)	Comment
09/07 08:23:32 - 09/07 11:59:54	Track ( 109.4, 219.8) <sup>Ⓜ 09/07 08:00:00</sup>	* HOP 132, joint with THEMIS, officially over 8 - 12 UT; study of magnetic features.
09/08 06:13:02 - 09/08 10:51:54	Track ( 292.6, 225.1) <sup>Ⓜ 09/08 06:10:00</sup>	# HOP 132, joint with THEMIS, over 8 - 12 UT.

PROG= 19 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 55 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Subr= 2 12-time(s) 300.0sec													
└─ Seqn= 72 2-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	768x768 (1024, 1024)	DPCM	1	0	2.0sec
└─ Seqn= 56 2-time(s) 2.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	2x2	768x768 (1024, 1024)	DPCM	1	0	2.0sec
└─ Seqn= 64 2-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	64.0s	Obs	2x2	768x768 (1024, 1024)	DPCM	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 #17EF: Flare Standard Obs. with eruptions mode-A (FW1=Open )**

Term	Pointing (x, y)	Comment
09/06 14:18:32 - 09/06 17:41:30	Track ( 760.2, 228.5) <sup>Ⓜ 09/06 14:15:30</sup>	* Track AR 11105.
09/06 18:18:02 - 09/07 02:14:54	Fixed ( -11.0, 890.0)	# HOP 101, N pole helioseismology.
09/07 02:18:02 - 09/07 05:49:54	Track ( 811.6, 239.7) <sup>Ⓜ 09/07 02:15:00</sup>	* Track AR 11105.
09/07 08:23:32 - 09/07 11:59:54	Track ( 109.4, 219.8) <sup>Ⓜ 09/07 08:00:00</sup>	* HOP 132, joint with THEMIS, officially over 8 - 12 UT; study of magnetic features.
09/07 12:03:02 - 09/07 17:54:54	Track ( 845.6, 249.4) <sup>Ⓜ 09/07 12:00:00</sup>	Track AR 11105
09/07 18:08:02 - 09/08 02:04:54	Fixed ( -11.0, 890.0)	# HOP 101, N pole helioseismology.
09/08 02:08:02 - 09/08 05:59:54	Fixed ( 881.0, 268.0)	* AR 11105 at W limb.
09/08 06:13:02 - 09/08 10:51:54	Track ( 292.6, 225.1) <sup>Ⓜ 09/08 06:10:00</sup>	# HOP 132, joint with THEMIS, over 8 - 12 UT.

PROG= 07 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= 91 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	0	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
		<b>Seqn= 88</b>	<b>1-time(s)</b>	<b>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= 4</b>	<b>24-time(s)</b>	<b>600.0sec</b>										
		<b>Seqn= 89</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
		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

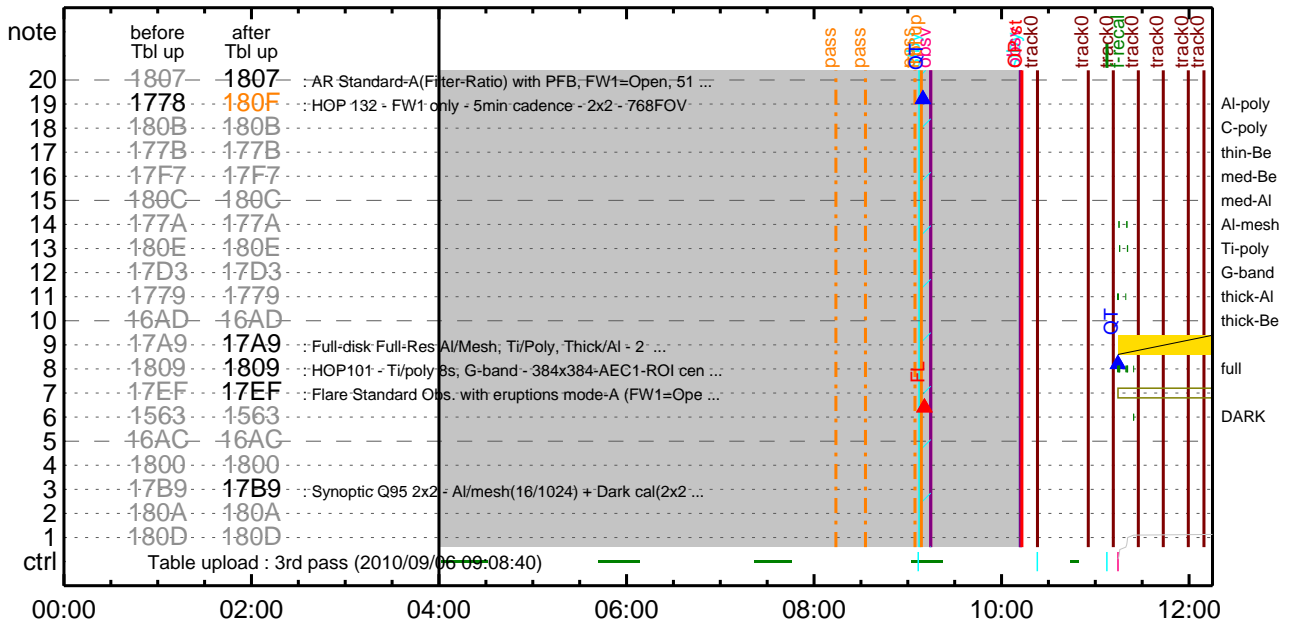
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### Flare Detection

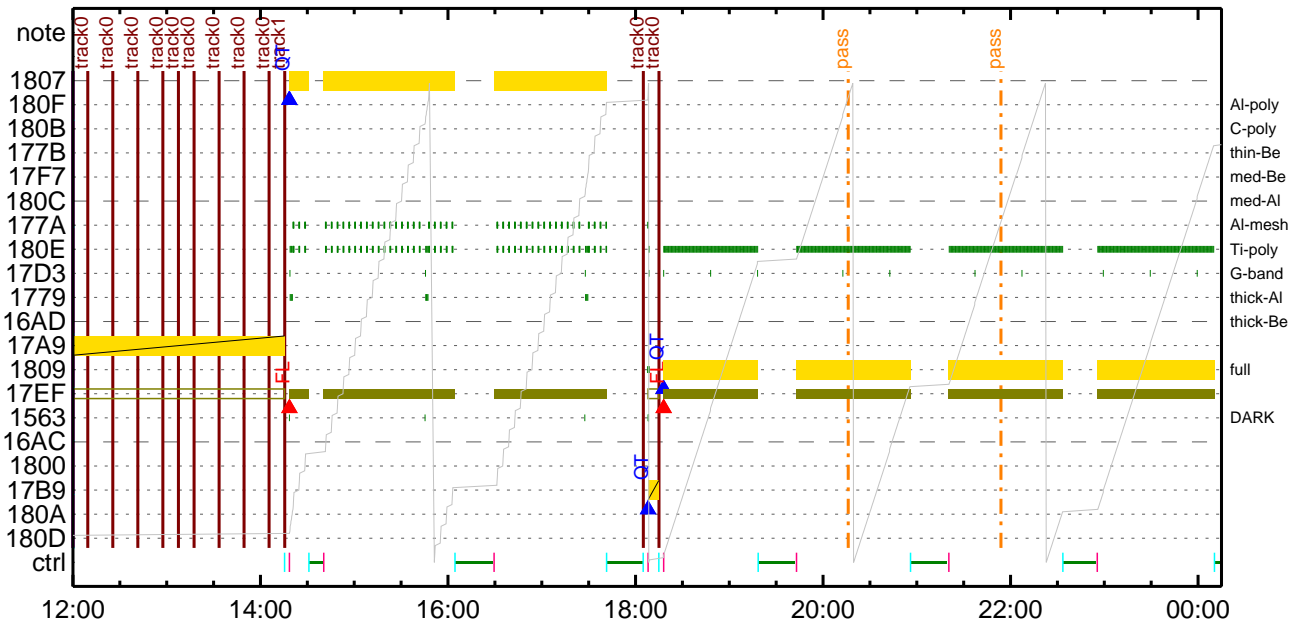
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<b>FLD Patrol</b>													
Term		Pointing (x, y)						Comment					
09/06 14:15:46 - 09/06 18:05:16		Track ( 760.2, 228.5) <sup>@ 09/06 14:15:30</sup>						* Track AR 11105.					
09/06 18:15:16 - 09/07 05:50:16		Fixed ( -11.0, 890.0)						# HOP 101, N pole helioseismology.					
09/07 08:20:46 - 09/07 17:55:16		Track ( 109.4, 219.8) <sup>@ 09/07 08:00:00</sup>						* HOP 132, joint with THEMIS, officially over 8 - 12 UT; study of magnetic features.					
09/07 18:05:16 - 09/08 06:00:16		Fixed ( -11.0, 890.0)						# HOP 101, N pole helioseismology.					
09/08 06:10:16 - 09/09 10:13:00		Track ( 292.6, 225.1) <sup>@ 09/08 06:10:00</sup>						# HOP 132, joint with THEMIS, over 8 - 12 UT.					
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		

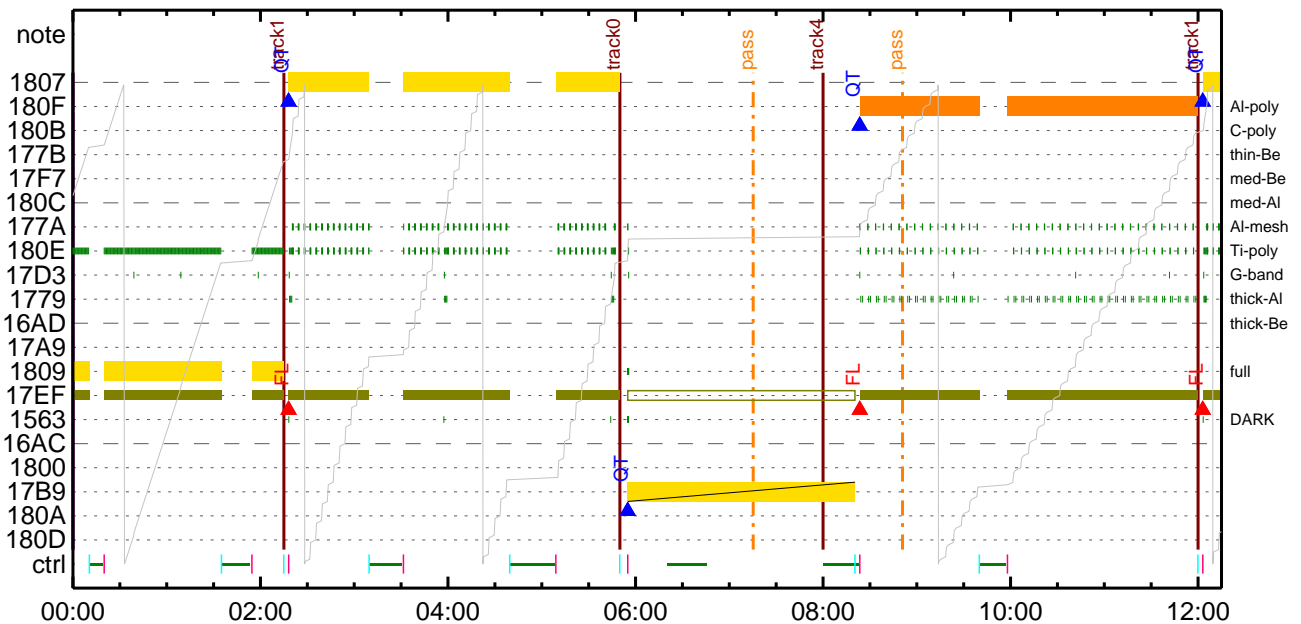
### CMDI #0473 2010/09/06



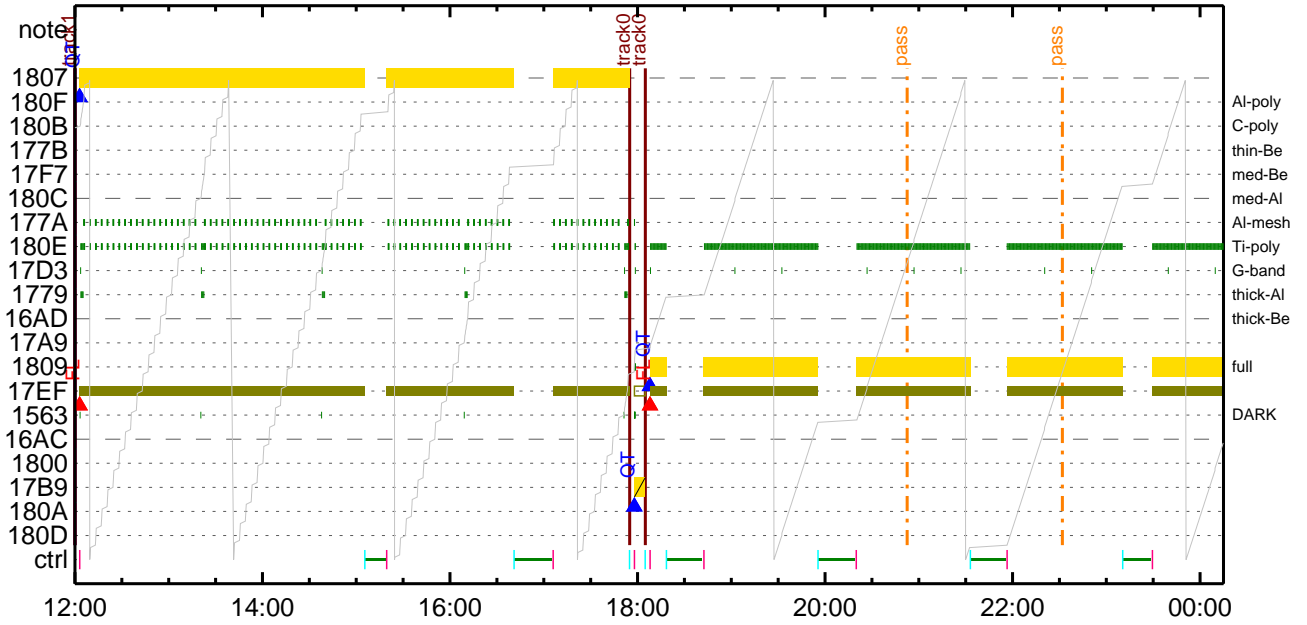
### CMDI #0473 2010/09/06



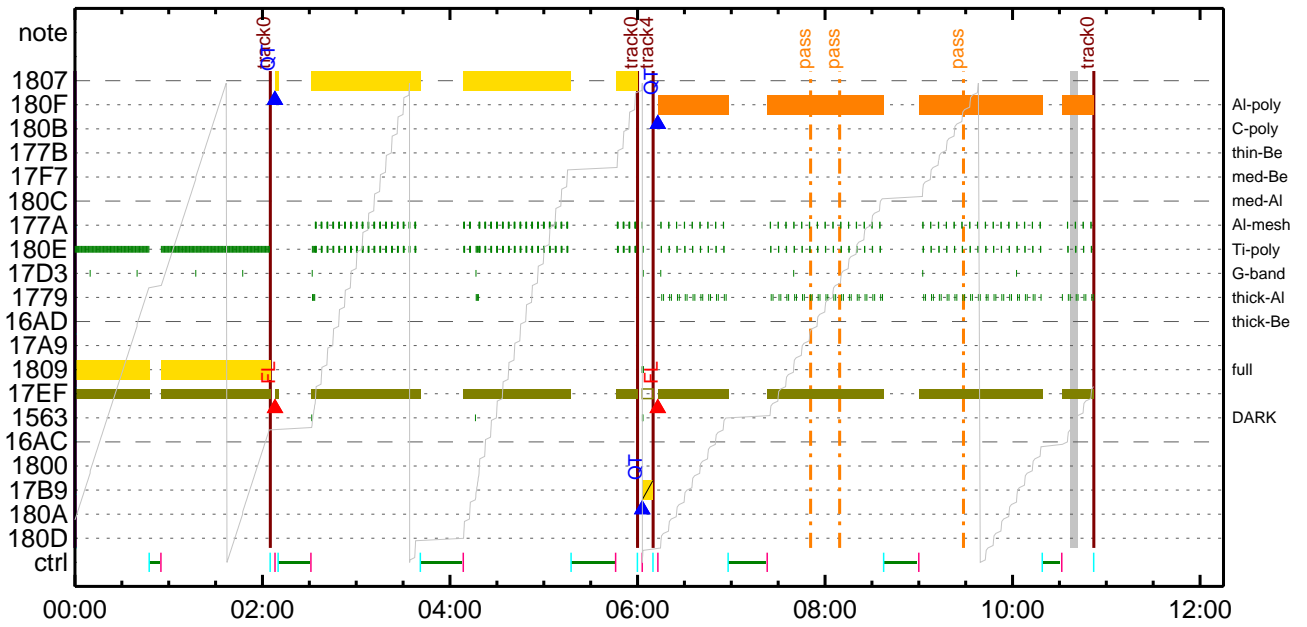
### CMDI #0473 2010/09/07



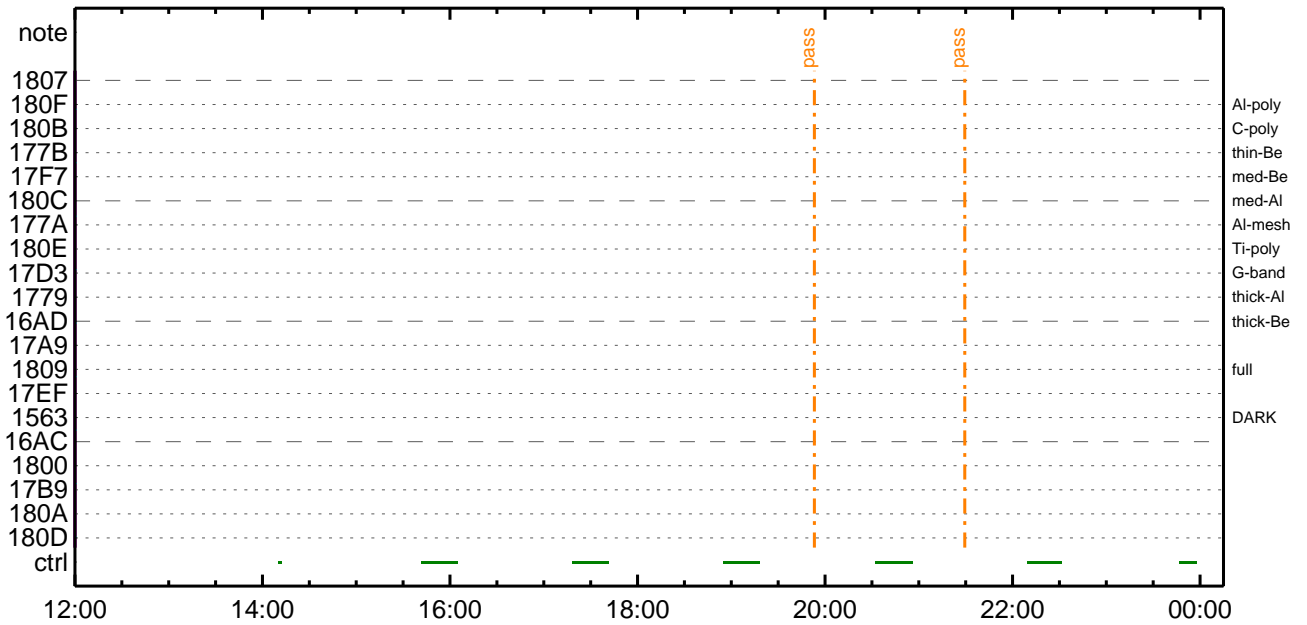
CMDI #0473 2010/09/07



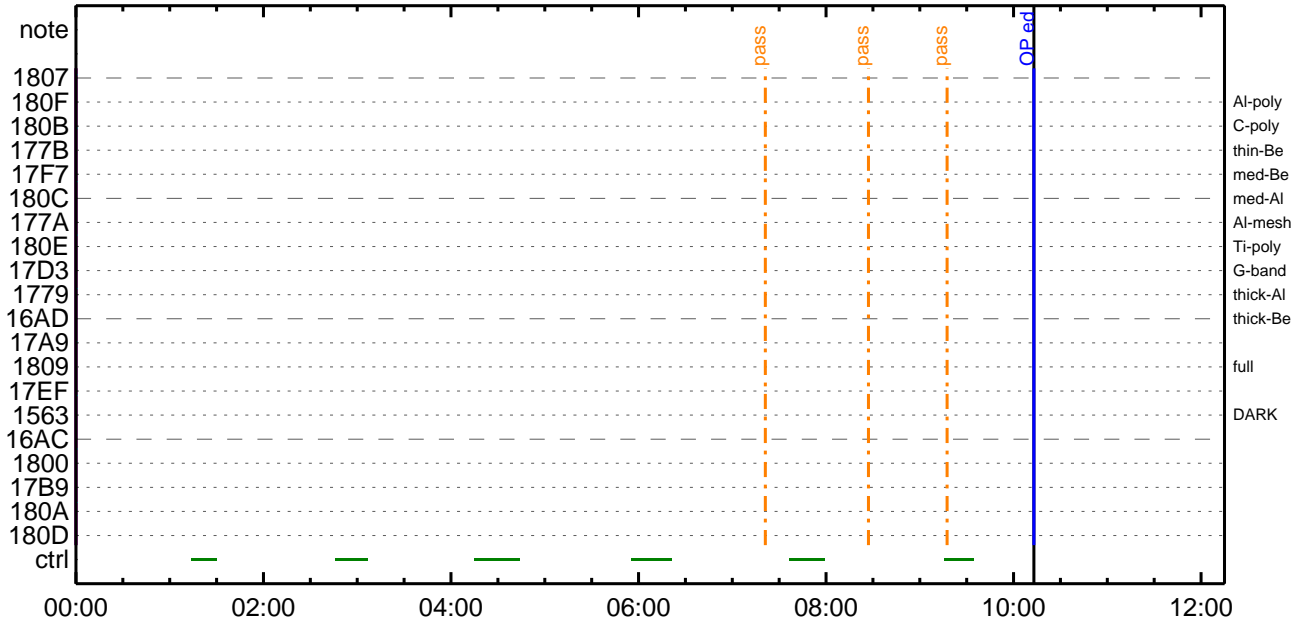
CMDI #0473 2010/09/08



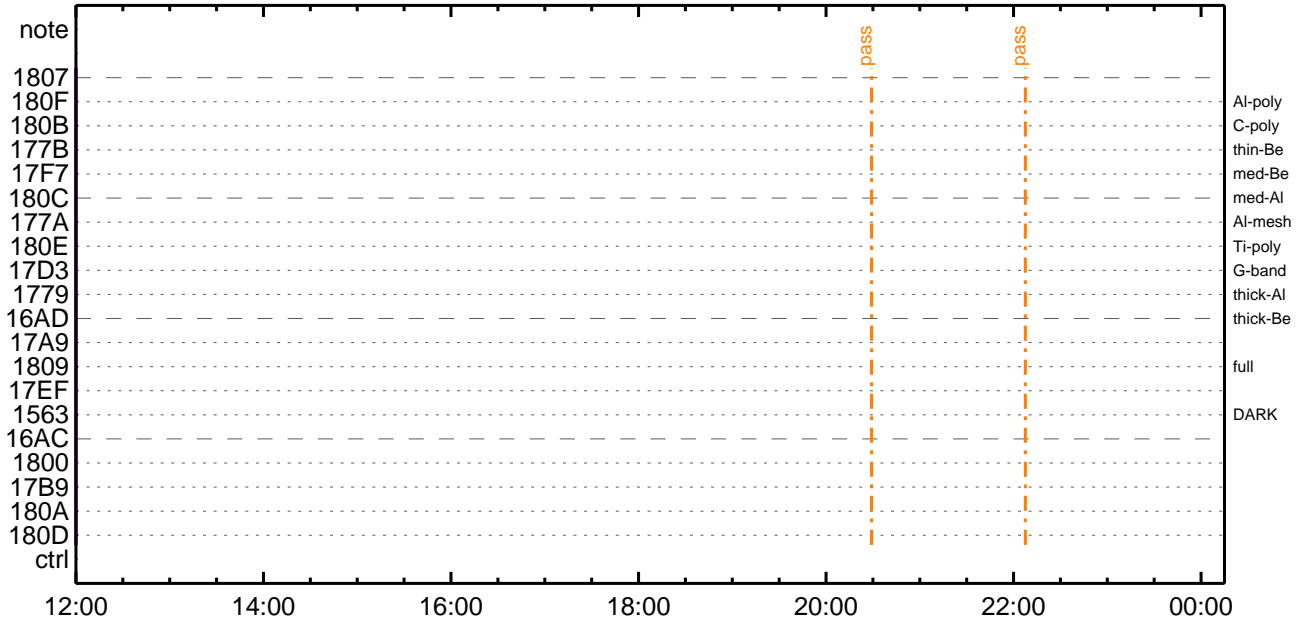
CMDI #0473 2010/09/08



CMDI #0473 2010/09/09



CMDI #0473 2010/09/09





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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YEi;YA6Yx
0100 C. *****
0101 C.
0102 C. iãOP/OGY1;4YEi;ã
0103 S. OP op-568:OP
0104 ( )
0105 S. OG og-568:OG
0106 ( )
0107 C.
0108 C. iãNMOG&OPiï°eÿA6Yx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YÀ6Yx½ªï»ò³îç§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGñî¼E¹ç•ë²ïOKòð³îç§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YÀ6Yx½ªï»ò³îç§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGñî¼E¹ç•ë²ïOKòð³îç§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YÀ6Yx½ªï»ò³îç§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPñî¼E¹ç•ë²ïOKòð³îç§
0165 C.
0166 C. ***** °E²¼ïî¼A´¶ï°EÈ-ï°A÷:¿® (¼áµ-YÀ6Yx½ªE½çòðAÓãç¼ªª°ï»ë¼ï¹çççãâ) *****
0167 C. DHUYã;¼YEi;E¼Y½,Yi;¼YEi;EòðIã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE |§ OPOG UPLOADñ-Á÷¿@NGñî¼i¹ç;ç°E²¼ïîTI-CMDÁ÷¿@ñî¼A¹Oñ•ñEñññ³ñE;f
0180 C. ñPñ¿;çSETñEDUMPñIÆ±°iYÑY¹ç¹Oñ|ñ³ñE;f
0181 C.
0182 C. TIY³YßY6YÈòðÁDï¿(UT)
0183 +. TI 2010-09-06 10:08:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-09-06 10:08:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-09-06 10:08:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```





(a) Spacecraft Operation Procedure (real-commands)

```
main-569 2010-09-06 16:17:13 91 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÃY$YÃY~¼Ä»Û;ã
0005 . C.
0006 . C. YÃY$;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 . C. ÄíËð¿ðÄð•µ°Æ»í×ÁÇðíYçYÃY×Yí;¼YÉ;ËÈè%µ•íÉ;ÈðÉ¼°ÇÖð•¿¼i¹çðí;çÄ®, ùñ¹ðèððçÄ+¿®ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 . C.
0013 . C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 . C. Upload the Orbit Element and the Target Attitude
0016 . C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 . C.
0019 . C.
0020 . C.
0021 . C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCS_DUMP_SET
0023 . BC (07 00 00 00 18 00)
0024 . C.
0025 . C. <A_ST51>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0026 . C.
0027 . C.
0028 . C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 . BC (04 0b f8)
0031 . C.
0032 . C. Wait for AOCS_DUMP to end
0033 . C.
0034 . C. Check the dump memory
0035 . C.
0036 . C. Result = OK [ ]
0037 . C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 . BC (02 0a f8)
0040 . C.
0041 . C. <A_***>[TLM STS] FMT = 2 [ ]
0042 . C.
0043 +. DC 02-8E AOCS_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 . C. Update the orbital element
0047 +. DC 02-50 AOCS_ORB_PRPGT_START
0048 . BC (16)
0049 +. DC 02-8E AOCS_ORB_UPD
0050 . C.
0051 . C. <A_ORB>[ORBIT] EPC = 7081431.7 +- 1.0 (s) [ ]
0052 . C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_MANU
0056 . BC (21 02)
0057 . C. Verify EIS in MANUAL mode
0058 . C. Estimated OBSTBL upload time is 32s
0059 . C. *****
0060 . C. EIS START OBSTBL LOAD
0061 . C. *****
0062 . S. RAM ram-820:EIS_OBSTBL
0063 . C.
0064 +. DC 07-FC EIS_DUMP_OBSTBL
0065 . BC (07 07 07 00 00 70 00)
0066 . C.
0067 . C. Execute, after the success of OBSTBL upload.
0068 . C. Set EIS TI-commands
0069 +. TI 2010-09-06 10:12:50.0
0070 . DC 07-FC EIS_MODE_CHG_ENA
0071 . BC (20)
0072 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0073 . C. *****
0074 . C. EIS END OBSTBL LOAD
0075 . C. *****
0076 . C.
0077 . C. ***** MDP `úÃíîî¿ò¼YðÉÄð¹ðèDCBC•×²è *****
0078 . C. (¼á°íYÖYÃYÉYpYÉYáYçYèðE¼¼¼¼»Ûð¹ðè)
0079 . S. DC-BC dcbc-402:DCBC
0080 . (MDP_known_event)
0081 . C.
0082 . C.
0083 . C. ***** YDÿ¹.İ Daily¿¿İÑðË`Øð¹ðèDCBC•×²è *****
0084 . S. DC-BC dcbc-153:DCBC
0085 . (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0086 . C.
0087 . C.
0088 . C. ;ãLOS¥ÃY$YÃY~¼Ä»Û;ã
0089 . C.
0090 . C. ***** LOS *****
0091 . C.
```





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

```

2010/09/06 10:22:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/06 10:23:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 00 00 ac cd
2010/09/06 10:55:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 d6 67
2010/09/06 11:07:24.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/06 11:07:26.0 XRT_FOCUS_RECALIBRATE_449_OG [0x1c1]
                        XRT_FOCUS_RECAL 2 07-F8 78 00
2010/09/06 11:11:26.0 XRT_FOCUS_POSITION_401_OG [0x191]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2010/09/06 11:11:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 00 00 00 00
2010/09/06 11:11:46.0 XRT_FLD_DIS_402_OG [0x192]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2010/09/06 11:11:48.0 XRT_FLRCTRL_DIS_403_OG [0x193]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2010/09/06 11:11:50.0 XRT_ARS_DIS_404_OG [0x194]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/09/06 11:14:28.0 XRT_QT_PROG_SET_410_OG [0x19a]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 09
2010/09/06 11:14:30.0 XRT_CTRL_AUTO_406_OG [0x196]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/06 11:27:30.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM 5 02-76 00 00 00 29 99
2010/09/06 11:43:30.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM 5 02-76 00 00 00 53 33
2010/09/06 11:59:30.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM 5 02-76 00 d6 36 b7 8e
2010/09/06 12:09:30.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM 5 02-76 00 b4 b5 db 75
2010/09/06 12:25:30.0 AOCs_OrE-point_Start_8_OG [0x09e]
                        AOCU_NM 5 02-76 00 ac 5b 00 00
2010/09/06 12:41:30.0 AOCs_OrE-point_Start_9_OG [0x09f]
                        AOCU_NM 5 02-76 00 b4 b5 24 8b
2010/09/06 12:57:30.0 AOCs_OrE-point_Start_10_OG [0x0a0]
                        AOCU_NM 5 02-76 00 d6 36 48 72
2010/09/06 13:07:30.0 AOCs_OrE-point_Start_11_OG [0x0a1]
                        AOCU_NM 5 02-76 00 29 ca b7 8e
2010/09/06 13:17:30.0 AOCs_OrE-point_Start_12_OG [0x0a2]
                        AOCU_NM 5 02-76 00 4b 4b db 75
2010/09/06 13:33:30.0 AOCs_OrE-point_Start_13_OG [0x0a3]
                        AOCU_NM 5 02-76 00 53 a5 00 00
2010/09/06 13:49:30.0 AOCs_OrE-point_Start_14_OG [0x0a4]
                        AOCU_NM 5 02-76 00 4b 4b 24 8b
2010/09/06 14:05:30.0 AOCs_OrE-point_Start_15_OG [0x0a5]
                        AOCU_NM 5 02-76 00 29 db 48 72
2010/09/06 14:15:24.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/06 14:15:26.0 XRT_FOCUS_POSITION_409_OG [0x199]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2010/09/06 14:15:30.0 AOCs_OrE-point_Start_16_OG [0x0a6]
                        AOCU_NM 5 02-76 01 00 00 00 00
2010/09/06 14:15:46.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2010/09/06 14:15:48.0 XRT_FLRCTRL_ENA_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2010/09/06 14:15:50.0 XRT_AEC_RESET_441_OG [0x1b9]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2010/09/06 14:15:52.0 XRT_ARS_DIS_420_OG [0x1a4]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/09/06 14:18:26.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/06 14:18:28.0 XRT_QT_PROG_SET_414_OG [0x19e]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 14
2010/09/06 14:18:30.0 XRT_FL_PROG_SET_405_OG [0x195]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 07
2010/09/06 14:18:32.5 XRT_CTRL_AUTO_406_OG [0x196]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/06 14:31:00.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/06 14:31:02.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/06 14:31:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2010/09/06 14:34:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2010/09/06 14:39:30.0 XRT_Custom_418_OG [0x1a2]
2010/09/06 14:40:30.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/06 16:04:30.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/06 16:04:32.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/06 16:04:34.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2010/09/06 16:07:44.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2010/09/06 16:28:30.0 XRT_Custom_418_OG [0x1a2]
2010/09/06 16:29:30.0 XRT_CTRL_AUTO_419_OG [0x1a3]

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2010/09/06	17:41:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	17:41:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	17:41:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/06	17:44:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/06	18:04:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	18:04:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/09/06	18:05:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2010/09/06	18:05:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/09/06	18:05:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/09/06	18:05:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/09/06	18:07:58.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	18:08:00.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/09/06	18:08:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	18:14:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	18:14:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/09/06	18:15:00.0	AOCS_OrE-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 b0 e6 00 fd
2010/09/06	18:15:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/09/06	18:15:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/09/06	18:15:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0
2010/09/06	18:15:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/09/06	18:17:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	18:17:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2010/09/06	18:18:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/09/06	18:18:02.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	19:18:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	19:18:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	19:18:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/06	19:21:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/06	19:42:00.0	XRT_Custom_418_OG [0x1a2]				
2010/09/06	19:43:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	20:56:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	20:56:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	20:56:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/06	20:59:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/06	21:19:30.0	XRT_Custom_418_OG [0x1a2]				
2010/09/06	21:20:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	22:33:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	22:33:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	22:33:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/06	22:36:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/06	22:54:30.0	XRT_Custom_418_OG [0x1a2]				
2010/09/06	22:55:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/07	00:10:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/07	00:10:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/07	00:10:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/07	00:13:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/07	00:19:00.0	XRT_Custom_418_OG [0x1a2]				
2010/09/07	00:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2010/09/07	01:35:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/07	01:35:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/07	01:35:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2010/09/07	01:38:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2010/09/07	01:53:30.0	XRT_Custom_418_OG [0x1a2]					
2010/09/07	01:54:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/07	02:14:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/07	02:14:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/09/07	02:15:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01 00 00 00 00	
2010/09/07	02:15:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/09/07	02:15:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/09/07	02:15:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/09/07	02:15:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/09/07	02:17:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/07	02:17:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2010/09/07	02:18:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2010/09/07	02:18:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/07	03:09:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/07	03:09:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/07	03:09:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2010/09/07	03:12:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2010/09/07	03:30:30.0	XRT_Custom_418_OG [0x1a2]					
2010/09/07	03:31:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/07	04:39:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/07	04:39:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/07	04:39:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2010/09/07	04:42:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2010/09/07	05:08:00.0	XRT_Custom_418_OG [0x1a2]					
2010/09/07	05:09:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/07	05:49:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/07	05:49:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2010/09/07	05:50:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2010/09/07	05:50:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/09/07	05:50:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/09/07	05:50:20.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/09/07	05:54:58.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/07	05:55:00.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2010/09/07	05:55:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/07	08:00:00.0	AOCS_Ore-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	04 00 00 00 00	
2010/09/07	08:20:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/07	08:20:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/09/07	08:20:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/09/07	08:20:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/09/07	08:20:50.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/09/07	08:20:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/09/07	08:23:26.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/07	08:23:28.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2010/09/07	08:23:30.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	

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2010/09/07	08:23:32.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	09:40:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	09:40:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	09:40:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/07	09:43:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/07	09:57:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/07	09:58:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	11:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	11:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/07	12:00:00.0	AOCS_Or-e-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2010/09/07	12:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/07	12:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/07	12:00:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/07	12:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/07	12:02:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	12:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2010/09/07	12:03:00.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2010/09/07	12:03:02.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	15:05:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	15:05:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	15:05:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/07	15:08:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/07	15:18:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/07	15:19:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	16:41:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	16:41:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	16:41:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/07	16:44:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/07	17:05:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/07	17:06:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	17:54:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	17:54:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/09/07	17:55:00.0	AOCS_Or-e-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/09/07	17:55:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/09/07	17:55:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/09/07	17:55:20.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/07	17:57:58.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	17:58:00.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/09/07	17:58:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	18:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	18:04:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/07	18:05:00.0	AOCS_Or-e-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00 b0 e6 00 fd				
2010/09/07	18:05:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/07	18:05:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/07	18:05:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/07	18:05:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/07	18:07:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	18:07:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				



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2010/09/07	18:08:00.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2010/09/07	18:08:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	18:18:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	18:18:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	18:18:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/07	18:21:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/07	18:41:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/07	18:42:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	19:55:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	19:55:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	19:55:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/07	19:58:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/07	20:19:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/07	20:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	21:33:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	21:33:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	21:33:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/07	21:36:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/07	21:55:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/07	21:56:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/07	23:10:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/07	23:10:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/07	23:10:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/07	23:13:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/07	23:28:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/07	23:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/08	00:47:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/08	00:47:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/08	00:47:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/08	00:50:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/08	00:54:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/08	00:55:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/08	02:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/08	02:04:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/08	02:05:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	00 e8 32 b1 b3				
2010/09/08	02:05:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/08	02:05:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/08	02:05:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/08	02:05:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/08	02:07:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/08	02:07:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2010/09/08	02:08:00.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2010/09/08	02:08:02.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/08	02:10:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/08	02:10:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/08	02:10:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/08	02:13:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/08	02:30:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/08	02:31:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/08	03:41:00.0	XRT_CTRL_MANU_408_OG [0x198]							

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2010/09/08	03:41:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/08	03:41:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	03:44:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	04:07:30.0	XRT_Custom_418_OG [0x1a2]						
2010/09/08	04:08:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/08	05:17:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/08	05:17:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/08	05:17:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	05:20:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	05:45:00.0	XRT_Custom_418_OG [0x1a2]						
2010/09/08	05:46:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/08	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/08	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/09/08	06:00:00.0	AOCS_Or-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2010/09/08	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/09/08	06:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/09/08	06:00:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/09/08	06:02:58.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/08	06:03:00.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2010/09/08	06:03:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/08	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/08	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/09/08	06:10:00.0	AOCS_Or-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	04 00 00 00 00		
2010/09/08	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/09/08	06:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/09/08	06:10:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/09/08	06:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/09/08	06:12:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/08	06:12:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2010/09/08	06:13:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2010/09/08	06:13:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/08	06:58:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/08	06:58:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/08	06:58:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/08	07:01:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	07:22:00.0	XRT_Custom_418_OG [0x1a2]						
2010/09/08	07:23:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/08	08:37:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/08	08:37:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/08	08:37:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	08:40:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	08:59:00.0	XRT_Custom_418_OG [0x1a2]						
2010/09/08	09:00:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/08	10:19:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/08	10:19:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/08	10:19:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	10:22:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/08	10:30:30.5	XRT_Custom_418_OG [0x1a2]						
2010/09/08	10:31:30.5	XRT_CTRL_AUTO_419_OG [0x1a3]						

2010/09/08	10:51:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/08	10:52:00.0	AOCS_OrE-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			AOCU_NM	5	02-76	00 00 00 00 00