

XRT Timeline to be uploaded on 2009/10/06

Period: 2009/10/06 11:07:00 - 2009/10/10 10:20:00

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Normal mode

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XOB #1704: HOP 130 - Multifilter QS - FOV 512 - AEC0 - Q95											
Term		Pointing (x, y)				Comment					
10/06 11:20:00 - 10/06 11:34:54	Fixed (936.0, 0.0)	# OP start + 10min HOP130 1/15									
10/06 11:38:00 - 10/06 11:50:54	Fixed (468.0, 0.0)	2/15									
10/06 11:54:00 - 10/06 12:06:54	Fixed (0.0, 0.0)	3/15									
10/06 12:10:00 - 10/06 12:22:54	Fixed (-468.0, 0.0)	4/15									
10/06 12:26:00 - 10/06 12:38:54	Fixed (-936.0, 0.0)	5/15									
10/06 12:42:00 - 10/06 12:48:54	Fixed (815.0, 470.0)	6/15									
10/06 12:52:00 - 10/06 13:04:54	Fixed (411.0, 847.0)	7/15									
10/06 13:08:00 - 10/06 13:20:54	Fixed (0.0, 941.0)	8/15									
10/06 13:24:00 - 10/06 13:36:54	Fixed (-411.0, 847.0)	9/15									
10/06 13:40:00 - 10/06 13:46:54	Fixed (-815.0, 470.0)	10/15									
10/06 13:50:00 - 10/06 13:56:54	Fixed (815.0, -470.0)	11/15									
10/06 14:00:00 - 10/06 14:12:54	Fixed (411.0, -847.0)	12/15									
10/06 14:16:00 - 10/06 14:45:54	Fixed (0.0, -941.0)	13/15									
10/06 14:49:00 - 10/06 15:01:54	Fixed (-411.0, -847.0)	14/15									
10/06 15:05:00 - 10/06 18:06:30	Fixed (-815.0, -471.0)	15/15									
PROG= 13 2-time(s)											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 39 1-time(s) 2.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 2.00s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 0.5sec											
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 22.6s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 38 1-time(s) 2.0sec											
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 2.00s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 0.5sec											
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 22.6s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 40 1-time(s) 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Norm 2.83s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 0.5sec											
└─ Open/Ti-poly Open/thick-Al close Safe Norm 45.2s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 41 1-time(s) 2.0sec											
└─ thin-Be/Open thin-Be/Open close Safe Norm 64.0s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 42 1-time(s) 2.0sec											
└─ med-Be/Open med-Be/Open close Safe Norm 64.0s Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 43 1-time(s) 2.0sec											
└─ thin-Be/Open thin-Be/Open close Safe Dark 22.6s Obs 1x1 512x512 (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 #1716: Synoptic Q95 2x2 - Al/poly(181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) + Ti-poly(256/2897) + G-band(16)											
Term		Pointing (x, y)				Comment					
10/06 18:09:36 - 10/06 18:56:54	Track (-26.4, -0.1) @ 10/06 15:15:00	Quiet sun tracking									
10/07 17:59:30 - 10/07 18:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min									
PROG= 10 1-time(s)											
└─ Subr= 1 1-time(s) 12.0sec											
└─ Seqn= 21 1-time(s) 4.0sec											
└─ Al-poly/Open Al-poly/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Al-poly/Open Al-poly/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Seqn= 2 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= 30 1-time(s) 4.0sec											
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 11 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 #1718: Full Sun 8 Filter + context (HOP 136 - QS) - 2x2 Q95/98 - 30 min cad											
Term		Pointing (x, y)				Comment					
10/06 19:00:00 - 10/06 22:34:30	Track (-26.4, -0.1) @ 10/06 15:15:00	Quiet sun tracking									
10/07 18:09:30 - 10/07 23:11:30	Track (1.0, 0.1) @ 10/07 18:06:30	# HOP136 from 18:00 to 22:00									
PROG= 14 Inf-time(s)											
└─ Subr= 1 1-time(s) 240.0sec											
└─ Seqn= 36 1-time(s) 30.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Seqn= 35 1-time(s) 30.0sec											
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 500ms 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=98 0 0 2.0sec											
└─ Seqn= 44 1-time(s) 30.0sec											
└─ Al-poly/Open Al-poly/Open close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											

Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 32 1-time(s) 30.0sec												
C-poly/Open	C-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
C-poly/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 34 1-time(s) 30.0sec												
C-poly/Ti-poly	C-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 33 1-time(s) 30.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 1560.0sec												
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 45 1-time(s) 4.0sec												
Open/thick-Al	Open/thick-Be	close	Safe	Norm	22.6s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 46 1-time(s) 4.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 20 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 11 1-time(s) 4.0sec												
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1701: HOP135 QS -FOV256- 60s cadence - Ti/poly (AEC1)

Term	Pointing (x, y)	Comment
10/06 23:00:00 - 10/07 00:12:00	Track (-26.4, -0.1) @ 10/06 15:15:00	Quiet sun tracking

PROG= 12 Inf.-time(s)

Subr= 1 1-time(s) 30.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	256x256 (1024, 1024)	Q=95	1	0	2.0sec
Seqn= 37 1-time(s) 2.0sec												
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1719: Multifilter Set - HOP 132 (6 pairs-AEC0 +G-band) - 2x2 - 768x768 -5 min cadence

Term	Pointing (x, y)	Comment
10/07 00:24:06 - 10/07 05:53:24	Track (-26.4, -0.1) @ 10/06 15:15:00	Quiet sun tracking
10/07 08:24:00 - 10/07 11:00:00	Fixed (550.0, 750.0)	# HOP132 from 8:00 to 11:00
10/07 23:34:36 - 10/08 00:49:00	Track (1.0, 0.1) @ 10/07 18:06:30	# HOP136 from 18:00 to 22:00

PROG= 15 Inf.-time(s)

Subr= 2 1-time(s) 2.0sec												
Seqn= 9 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Subr= 1 10-time(s) 300.0sec												
Seqn= 47 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	768x768 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.83s	Obs	2x2	768x768 (1024, 1024)	Q=98	0	0	2.0sec
C-poly/Open	C-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	768x768 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	768x768 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	768x768 (1024, 1024)	Q=98	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	768x768 (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 #1715: Synoptic Q95 2x2 - Al/mesh(128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) + Ti-poly(256/2897) + G-band(128/1024)

Term	Pointing (x, y)	Comment
10/07 05:56:30 - 10/07 08:20:54	Fixed (0.0, 0.0)	synoptic, shifted -6.5 min
10/08 06:03:00 - 10/10 10:20:00	Fixed (0.0, 0.0)	synoptic

PROG= 09 1-time(s)

Subr= 1 1-time(s) 12.0sec												
Seqn= 29 1-time(s) 4.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 2 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= 30 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 11 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	

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Flare mode

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NOT USED

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Active Region Search

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NOT USED

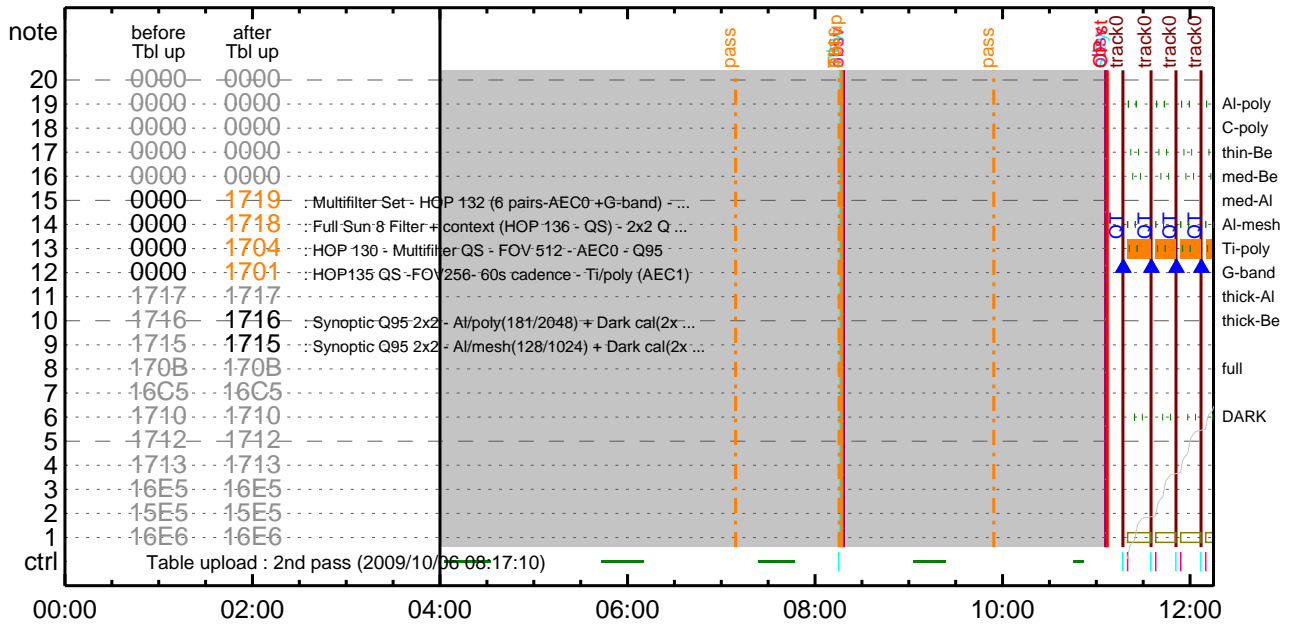
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Flare Detection

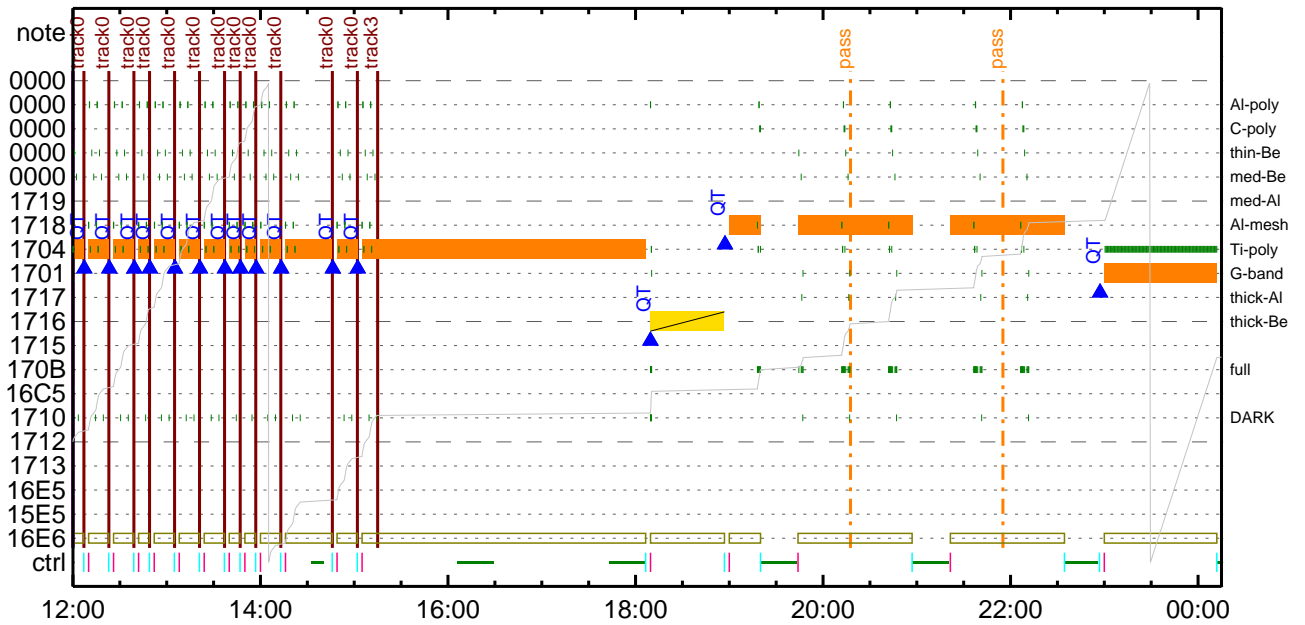
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NOT USED

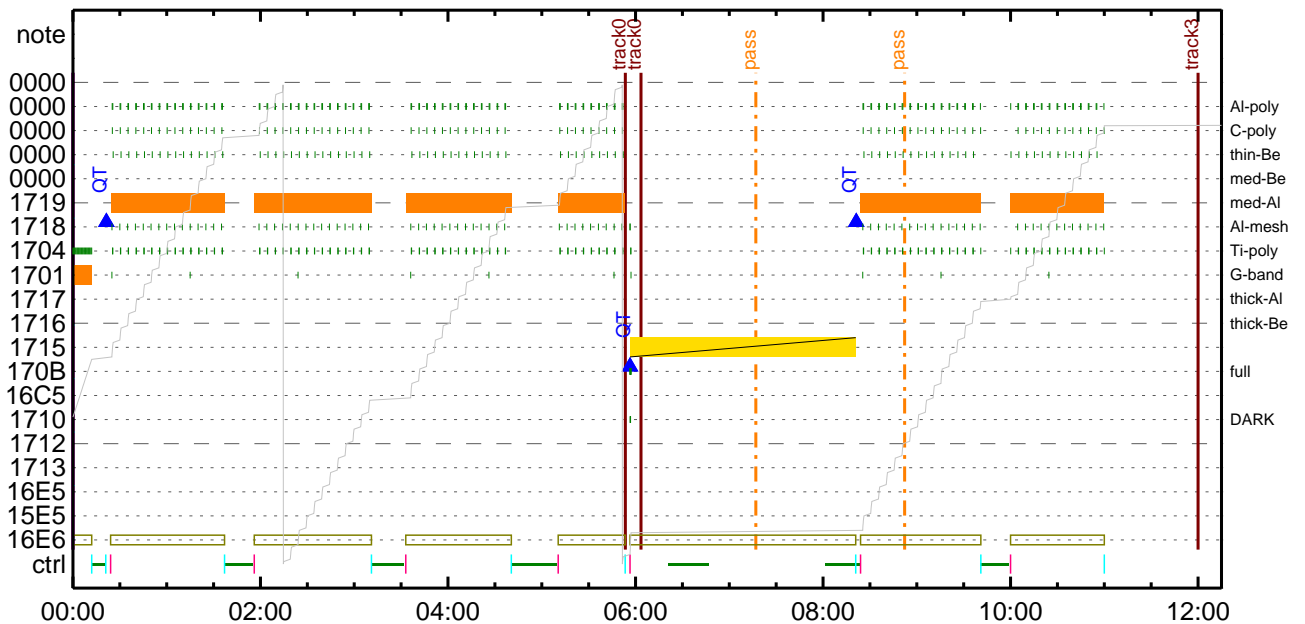
CMDI #0837 2009/10/06



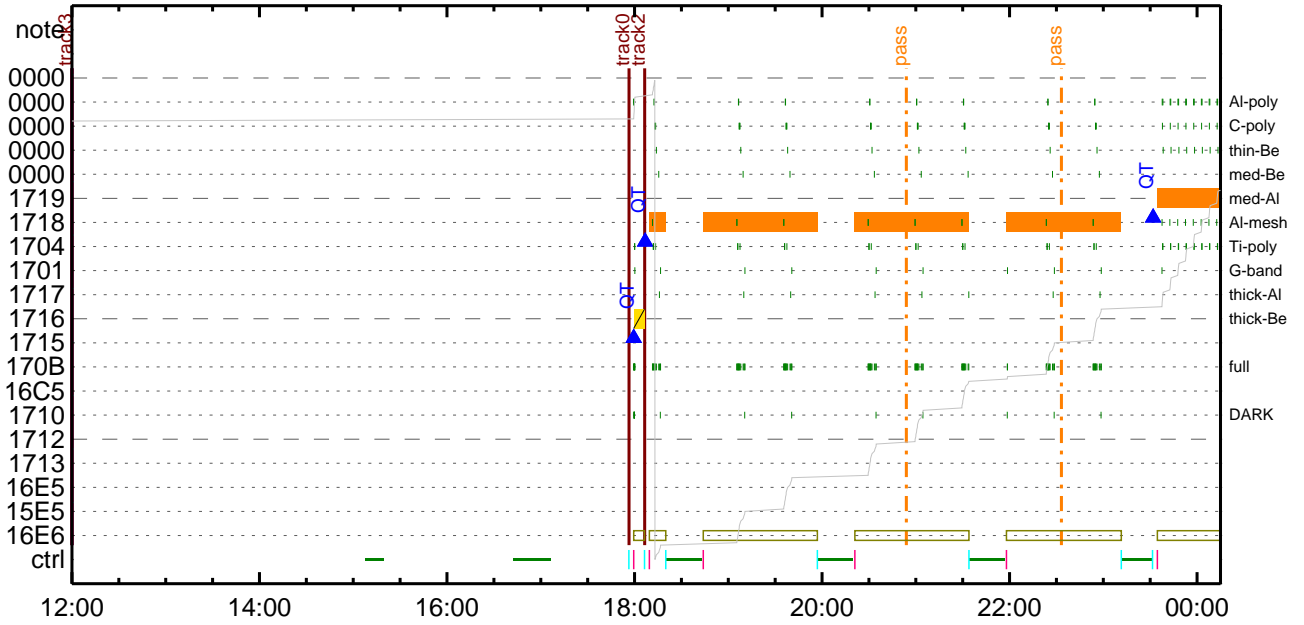
CMDI #0837 2009/10/06



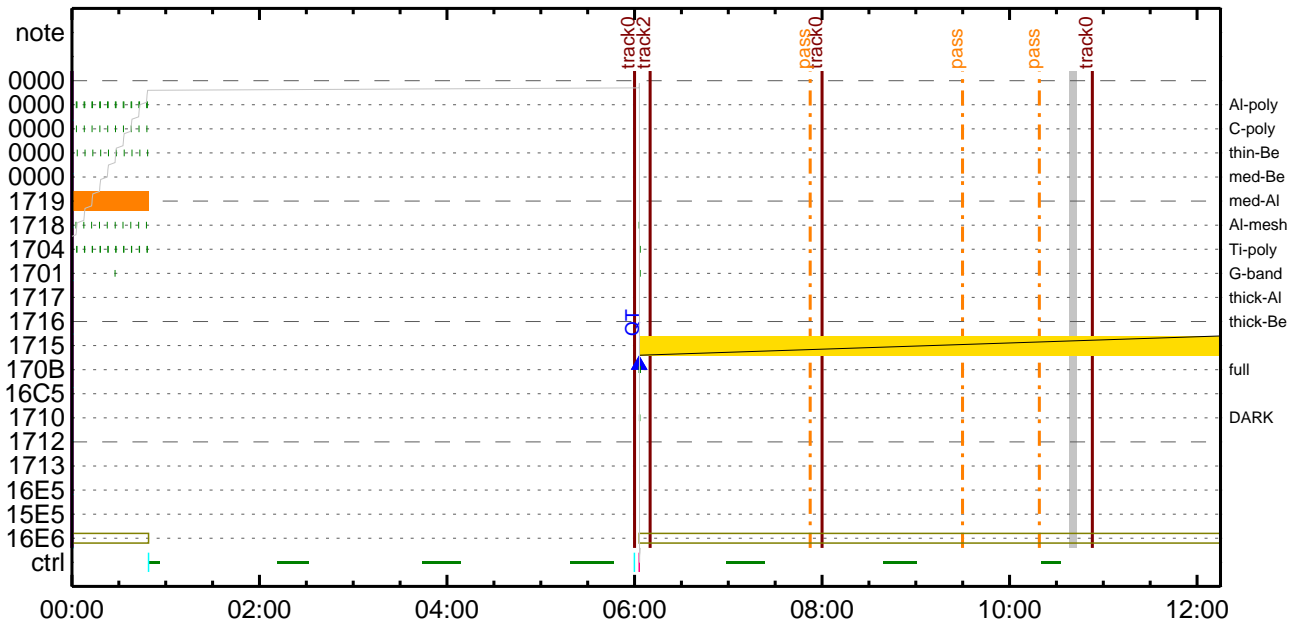
CMDI #0837 2009/10/07



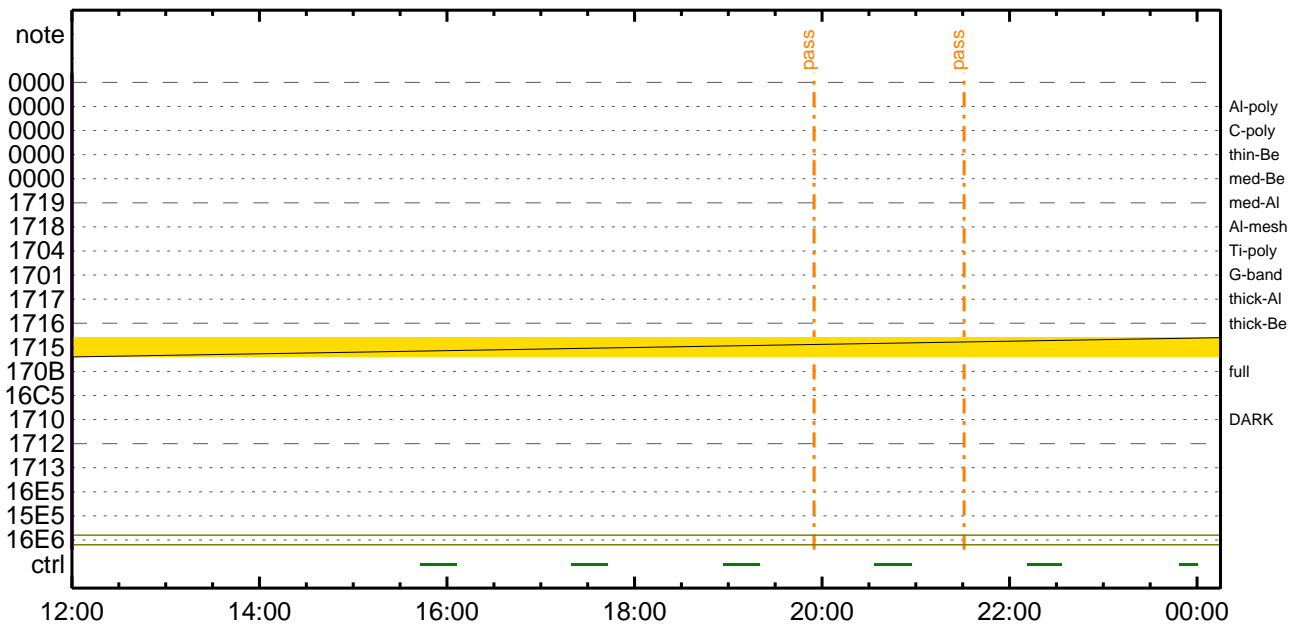
CMDI #0837 2009/10/07



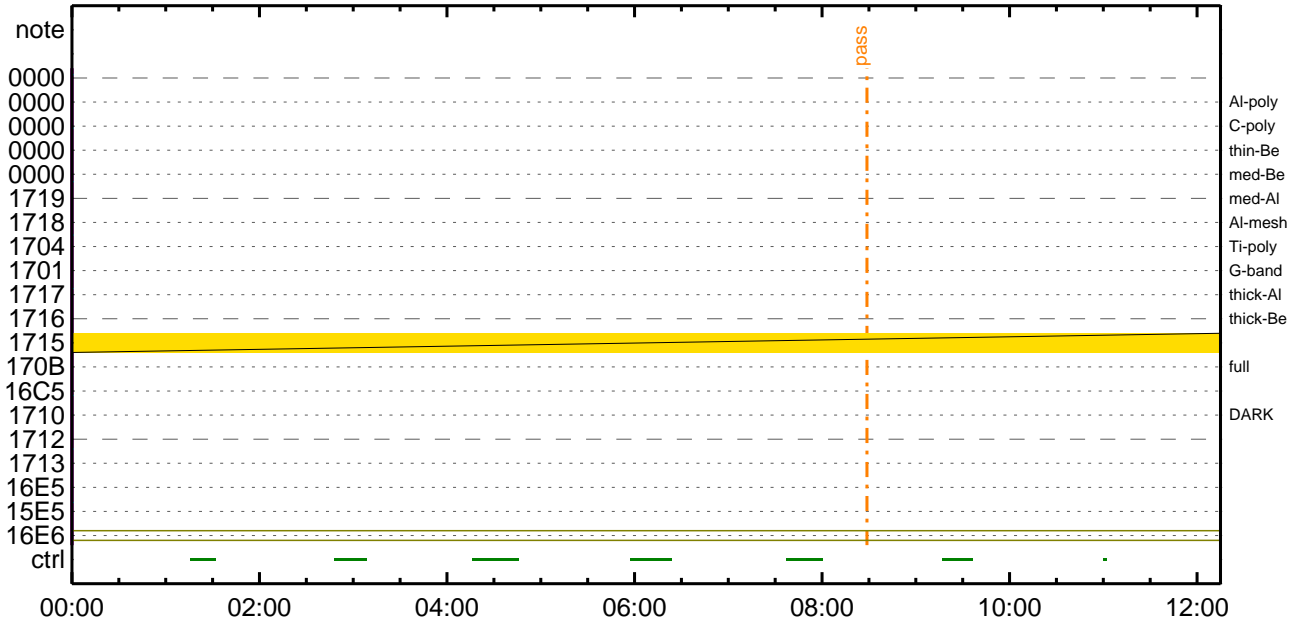
CMDI #0837 2009/10/08



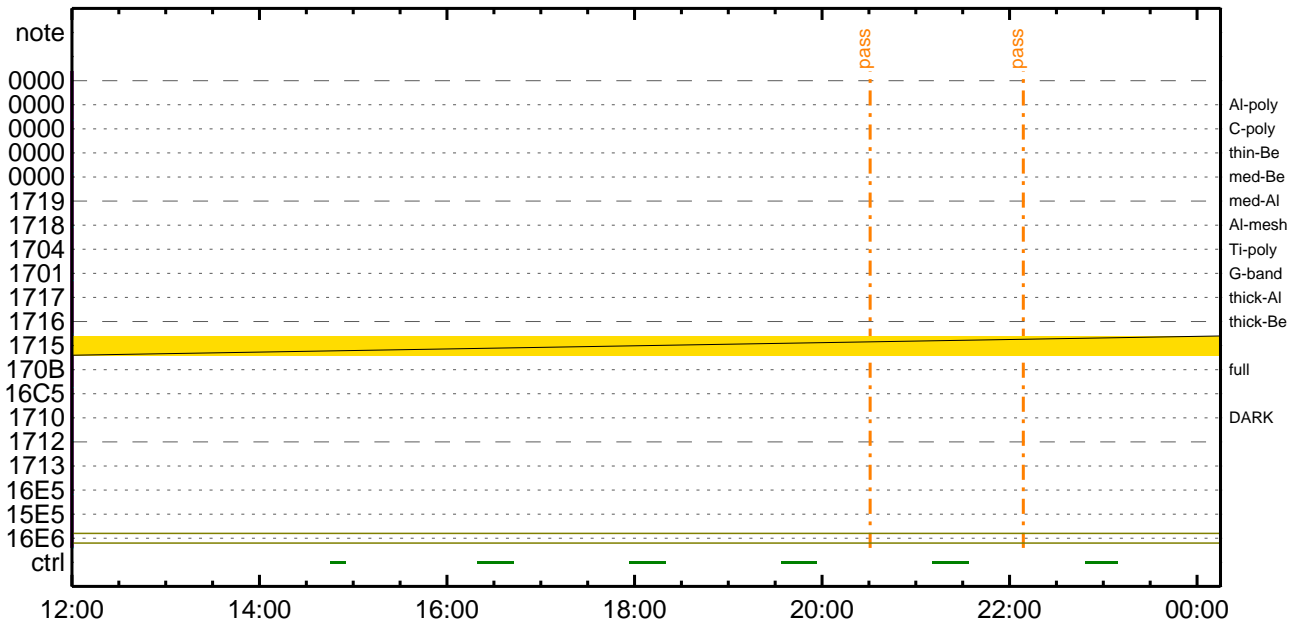
CMDI #0837 2009/10/08



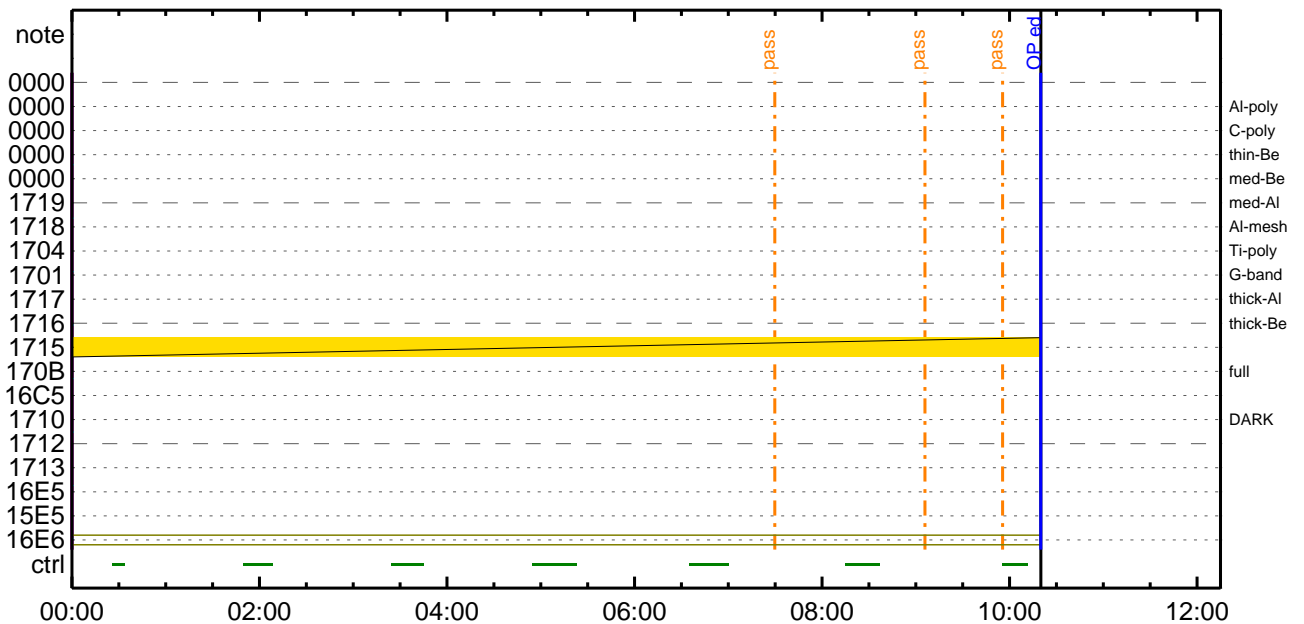
CMDI #0837 2009/10/09



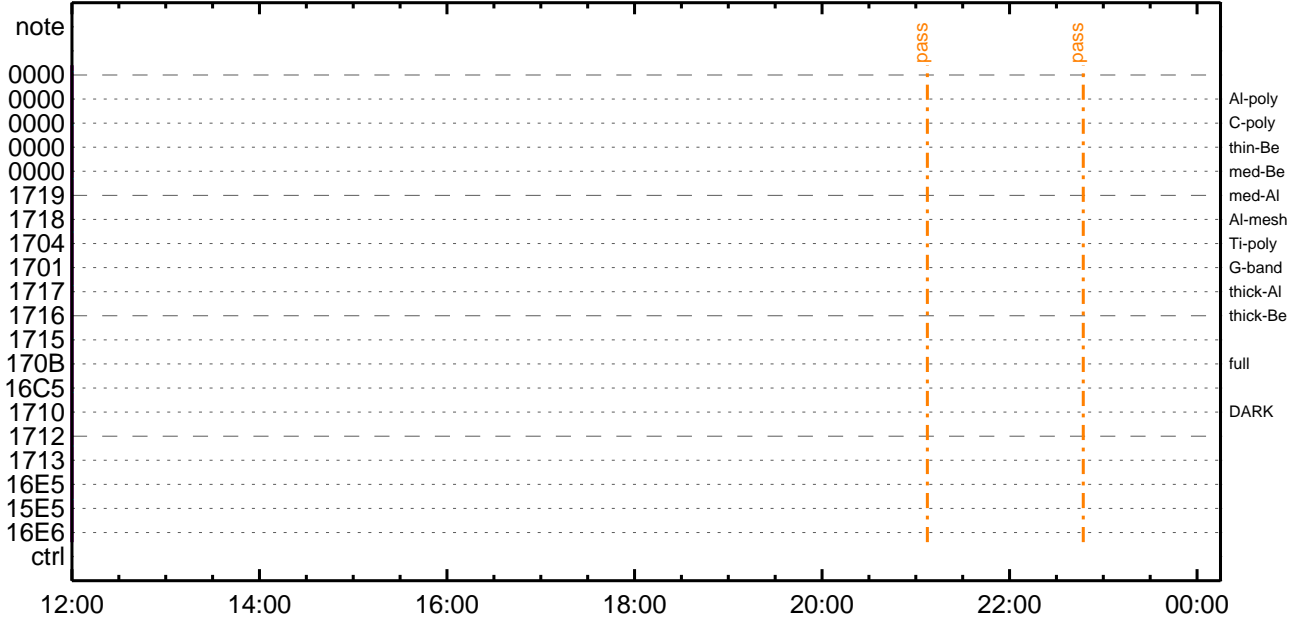
CMDI #0837 2009/10/09



CMDI #0837 2009/10/10



CMDI #0837 2009/10/10



(a) Spacecraft Operation Procedure (real-commands)

```
main-891 2009-10-06 15:48:48 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÅY$YÄY~¼Ä»Û;ä
0005 C.
0006 C. YÄYß;¼Y³YFÏYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿ðÄð•µ°Æ»Í×ÁÇøÍYçYÄY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÓð•ø¿¼l¹çøí;çÄ®, ùø¹ðèøðçÄ+¿®ð•ðÈøðð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ;|YÄYóYx
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-891:OP
0020 ()
0021 . S. OG og-891:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPÏ°èYÄYóYx;ä
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÄYóYx¼ªª Î»ðð³ ÎÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGðÏ¼È¹ç•è² ÍOKðð³ ÎÇ§
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÄYóYx¼ªª Î»ðð³ ÎÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGðÏ¼È¹ç•è² ÍOKðð³ ÎÇ§
0062 C.
0063 C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÄYóYx¼ªª Î»ðð³ ÎÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPðÏ¼È¹ç•è² ÍOKðð³ ÎÇ§
0081 C.
0082 . C. ***** øÈ²¼øÏ¼Ä´¶¼øÈÈ-øÄ+¿® (¼äµ-YÄYóYx¼ªªçøðÄÖÄæç¼ªªø²¼ø¼l¹çøçðâ) *****
0083 C. DHUYä;¼YÉ;È¼Y¼, Yí;¼YÉ;ÈøðÍäø¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;§ OPOG UPLOADø-Ä+¿®NGøÏ¼l¹ç;çøÈ²¼øÏ¼TI-CMDÄ+¿®ðÏ¼Ä¹Ôø•øÈøðð³øÈ;f
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0096 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0097 C.
0098 C. TI 2009-10-06 11:02:00.0
0099 +. TI 2009-10-06 11:02:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0102 C.
0103 +. TI 2009-10-06 11:02:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0106 C.
0107 +. TI 2009-10-06 11:02:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0110 C.
0111 +. TI 2009-10-06 11:06:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0114 C.
0115 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0116 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0117 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0118 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0119 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0120 C.
0121 C. *****
0122 C. TI 2009-10-06 11:06:59.5
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0129 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0130 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0131 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0132 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0136 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0137 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0138 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0139 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0140 C.
0141 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0142 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0143 C.
0144 C. RAM ID=TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0145 C.
0146 C. DHU 01-22 DHU_MODE_CHNG
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0150 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0151 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0152 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03; 01-03;
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2009-10-06 11:06:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2009-10-06 11:06:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C.                [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C. *****
0171 C. SOT TI command set
0172 C. *****
0173 C. Execute, after the success of OP upload.
0174 +. TI 2009-10-06 11:06:16.0
0175 DC 07-F0 MDP_SOT_MODE_STBY
0176 BC (41)
0177 C. -----
0178 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0179 C. -----
0180 C. ***** SOT END *****
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2009-10-06 11:06:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC (c3)
0187 C.                [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 C. ***** MDP 01-22 DHU_MODE_CHNG *****
0192 C. (01-22 DHU_MODE_CHNG)
0193 S. DC-BC dcbc-402:DCBC

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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. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 + DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 3213047.6 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 C.
0139 C. ***** XRT START *****
0140 C.
0141 +. DC 07-F0 MDP_XRT_CTRL_MANU
0142 BC (c1)
0143 + DC 07-F0 MDP_XRT_MODE_STBY
0144 BC (c3)
0145 . C. ----- Success Verify ? OK / NG____
0146 C.
0147 C. XRT Obs. Table Upload
0148 . S. RAM ram-291:MDP_OBS_X
0149 ( )
0150 C.
0151 +. DC 07-F0 MDP_DUMP_XRTTBL
0152 BC (84 07 00 00 00 3a d4)
0153 . C. ----- Comparison Check ? OK / ERR ____
0154 C.
0155 C.
0156 +. DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 01 b1 b1 04 04)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 02 b1 b1 08 08)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 03 b1 b1 08 08)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 04 b1 b1 06 06)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 06 80 80 08 08)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 07 80 80 20 20)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 08 80 80 20 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 09 80 80 08 20)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0a 80 80 04 04)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 0b 80 80 0c 0c)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 0f 80 80 04 04)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 10 80 80 10 10)
0180 . C. ----- Success Verify ? OK / NG ____
0181 C.
0182 C.
0183 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0184 C.
0185 +. DC 07-F0 MDP_XRT_MODE_OBSV
0186 BC (c2)
0187 +. TI 2009-10-06 11:06:02.0
0188 DC 07-F0 MDP_XRT_MODE_OBSV
0189 BC (c2)
0190 . C. ----- Success Verify ? OK / NG ____
0191 C.
0192 C. ***** XRT END *****
0193 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes

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0194 +. DC 07-FC EIS_MODE_MANU
0195 BC (21 02)
0196 . C. Verify EIS in MANUAL mode
0197 . C. Estimated OBSTBL upload time is 55s
0198 C. *****
0199 C. EIS START OBSTBL LOAD
0200 C. *****
0201 . S. RAM ram-820:EIS_OBSTBL
0202 ( )
0203 +. DC 07-FC EIS_DUMP_OBSTBL
0204 BC (07 07 07 00 00 70 00)
0205 C.
0206 C. Execute, after the success of OBSTBL upload.
0207 C. Set EIS TI-commands
0208 +. TI 2009-10-06 11:06:50.0
0209 DC 07-FC EIS_MODE_CHG_ENA
0210 BC (20)
0211 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0212 C. *****
0213 C. EIS END OBSTBL LOAD
0214 C. *****
0215 C.
0216 . C. ***** MDP `ûÃîñî»ö¼ÿñÈÃðñ¹ñèDCBC•x²è *****
0217 C. (¼ã°îÿÓÿÃÿÈÿÏÿÈÿÃÿçÿèñ¼ã¼Ã»Ûñ¹ñè)
0218 . S. DC-BC dcbc-402:DCBC
0219 (MDP_known_event)
0220 C.
0221 C.
0222 . C. ***** ÿDÿ¹•î Daily±;îññè'øñ¹ñèDCBC•x²è *****
0223 . S. DC-BC dcbc-153:DCBC
0224 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0225 C.
0226 C.
0227 . C. ;ãLOSÿÃÿSÿÿÃÿ-¼Ã»Û;ã
0228 C.
0229 . C. ***** LOS *****
0230 C.
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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-263:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-285:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 . C. < Upload DPL table >
0138 C.
0139 C. ¥çYÃ¥×¥í;¼¥ÉñîÁ°ñÈSTS_CHKñðOFFñÈñ¹ñè
0140 C.
0141 . S. RAM ram-271:MDP_DPL
0142 ( )
0143 C.
0144 . C. < Dump RAMID=MDP_DPL >
0145 +. DC 07-F0 MDP_DUMP_FGTBL
0146 BC (82 07 00 38 b8 00 40)
0147 C. -----
0148 C. MDP_DPL verify = OK [ ]
0149 C. -----
0150 C.
0151 C. STS_CHKñðONñÈñ¹ñè
0152 C.
0153 . C. < Update MDP DSC PAR1 >
0154 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0155 BC (4c)
0156 C. MDP_CMD_CODE = F04C0700[ ]
0157 C. MDP_CMD_CNT (count-up 1) [ ]
0158 C. -----
0159 C.
0160 . C.
0161 C. *****
0162 C. SOT TI command set
0163 C. *****
0164 C. Execute, after the success of TBL upload.
0165 +. TI 2009-10-06 11:06:18.0
0166 DC 07-F0 MDP_SOT_MODE_OBSV
0167 BC (40)
0168 . C. -----
0169 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0170 C. -----
0171 C.
0172 C.
0173 . C. ***** MDP `ûÃîñî»ö¼YñÈÁñ¹ñèDCBC•x²è *****
0174 C. (¼ã°îYÓYÃYÈY¥YÈYáYçYèñÈ¼ñ¼Á»Ûñ¹ñè)
0175 . S. DC-BC dcbc-402:DCBC
0176 (MDP_known_event)
0177 C.
0178 C.
0179 . C. ***** YÐY¹•î Daily±¼îññÈ´Øñ¹ñèDCBC•x²è *****
0180 . S. DC-BC dcbc-153:DCBC
0181 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0182 C.
0183 C.
0184 . C. ;ãLOS¥Á¥S¥Ã¥-¼Á»Û;ã
0185 C.
0186 . C. ***** LOS *****
0187 C.

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*** OP Sequence for XRT ***

2009/10/06	11:16:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	11:16:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/06	11:17:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	00 00 00 ac cd			
2009/10/06	11:17:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2009/10/06	11:19:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/06	11:19:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/06	11:19:58.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/06	11:20:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/06	11:34:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	11:34:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/06	11:35:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 d6 67			
2009/10/06	11:35:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2009/10/06	11:37:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/06	11:37:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/06	11:37:58.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/06	11:38:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/06	11:50:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	11:50:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/06	11:51:00.0	AOCS_ORe-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2009/10/06	11:51:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2009/10/06	11:53:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/06	11:53:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/06	11:53:58.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/06	11:54:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/06	12:06:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	12:06:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/06	12:07:00.0	AOCS_ORe-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	00 00 00 29 99			
2009/10/06	12:07:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2009/10/06	12:09:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/06	12:09:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/06	12:09:58.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/06	12:10:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/06	12:22:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	12:22:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/06	12:23:00.0	AOCS_ORe-point_Start_5_OG [0x09b]						
		AOCU_NM	5	02-76	00 00 00 53 33			
2009/10/06	12:23:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2009/10/06	12:25:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/06	12:25:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/06	12:25:58.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/06	12:26:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/06	12:38:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	12:38:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/06	12:39:00.0	AOCS_ORe-point_Start_6_OG [0x09c]						
		AOCU_NM	5	02-76	00 d6 36 b7 8e			
2009/10/06	12:39:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2009/10/06	12:41:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/06	12:41:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						

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2009/10/06	12:41:58.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
			MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/06	12:42:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/06	12:48:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/06	12:48:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/06	12:49:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 b4 b5 db 75
2009/10/06	12:49:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2009/10/06	12:51:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/06	12:51:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/06	12:51:58.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/06	12:52:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/06	13:04:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/06	13:04:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/06	13:05:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 ac 5b 00 00
2009/10/06	13:05:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2009/10/06	13:07:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/06	13:07:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/06	13:07:58.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/06	13:08:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/06	13:20:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/06	13:20:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/06	13:21:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 b4 b5 24 8b
2009/10/06	13:21:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2009/10/06	13:23:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/06	13:23:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/06	13:23:58.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/06	13:24:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/06	13:36:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/06	13:36:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/06	13:37:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 d6 36 48 72
2009/10/06	13:37:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2009/10/06	13:39:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/06	13:39:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/06	13:39:58.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/06	13:40:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/06	13:46:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/06	13:46:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/06	13:47:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 29 ca b7 8e
2009/10/06	13:47:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2009/10/06	13:49:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/06	13:49:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/06	13:49:58.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/06	13:50:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/06	13:56:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/06	13:56:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/06	13:57:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00 4b 4b db 75
2009/10/06	13:57:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d

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2009/10/06	13:59:54.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/10/06	13:59:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/10/06	13:59:58.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/10/06	14:00:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/06	14:12:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/06	14:12:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/10/06	14:13:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00 53 a5 00 00				
2009/10/06	14:13:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/10/06	14:15:54.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/10/06	14:15:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/10/06	14:15:58.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/10/06	14:16:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/06	14:45:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/06	14:45:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/10/06	14:46:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00 4b 4b 24 8b				
2009/10/06	14:46:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/10/06	14:48:54.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/10/06	14:48:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/10/06	14:48:58.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/10/06	14:49:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/06	15:01:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/06	15:01:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/10/06	15:02:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00 29 db 48 72				
2009/10/06	15:02:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/10/06	15:04:54.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/10/06	15:04:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/10/06	15:04:58.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/10/06	15:05:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/06	15:15:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/10/06	18:06:30.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/06	18:06:32.5	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/10/06	18:06:52.5	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/10/06	18:06:54.5	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/10/06	18:06:56.5	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/10/06	18:09:34.5	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2009/10/06	18:09:36.5	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/06	18:56:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/06	18:56:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/10/06	18:57:16.0	XRT_QT_PROG_SET_430_OG [0x1ae]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/10/06	18:59:54.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/10/06	18:59:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/10/06	18:59:58.0	XRT_ARS_DIS_415_OG [0x19f]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/10/06	19:00:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/06	19:20:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/06	19:43:00.0	XRT_Custom_420_OG [0x1a4]							
2009/10/06	19:44:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/06	20:57:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2009/10/06	21:20:30.0	XRT_Custom_420_OG [0x1a4]						
2009/10/06	21:21:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/06	22:34:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	22:56:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/06	22:56:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/06	22:57:16.0	XRT_QT_PROG_SET_431_OG [0x1af]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c			
2009/10/06	22:59:52.0	XRT_AEC_RESET_403_OG [0x193]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/10/06	22:59:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/06	22:59:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/06	22:59:58.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/06	23:00:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	00:12:00.0	XRT_CTRL_MANU_419_OG [0x1a3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	00:21:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	00:21:02.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/07	00:21:22.0	XRT_QT_PROG_SET_432_OG [0x1b0]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2009/10/07	00:24:00.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/07	00:24:02.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/07	00:24:04.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/07	00:24:06.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	01:37:00.0	XRT_CTRL_MANU_419_OG [0x1a3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	01:55:00.0	XRT_Custom_420_OG [0x1a4]						
2009/10/07	01:56:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	03:11:00.0	XRT_CTRL_MANU_419_OG [0x1a3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	03:32:00.0	XRT_Custom_420_OG [0x1a4]						
2009/10/07	03:33:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	04:40:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	05:09:30.0	XRT_Custom_420_OG [0x1a4]						
2009/10/07	05:10:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	05:53:24.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	05:53:26.0	XRT_FOCUS_POSITION_408_OG [0x198]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2009/10/07	05:53:30.0	AOCS_Ore-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2009/10/07	05:53:46.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/07	05:53:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/07	05:53:50.0	XRT_ARS_DIS_411_OG [0x19b]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/07	05:56:28.0	XRT_QT_PROG_SET_426_OG [0x1aa]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09			
2009/10/07	05:56:30.0	XRT_CTRL_AUTO_407_OG [0x197]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	06:03:30.0	AOCS_Ore-point_Start_17_OG [0x0a7]						
		AOCU_NM	5	02-76	00 bd 59 cf 1b			
2009/10/07	08:20:54.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	08:20:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/10/07	08:21:16.0	XRT_QT_PROG_SET_432_OG [0x1b0]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2009/10/07	08:23:54.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/07	08:23:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/07	08:23:58.0	XRT_ARS_DIS_415_OG [0x19f]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/07	08:24:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	09:41:00.0	XRT_CTRL_MANU_419_OG [0x1a3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	09:59:00.0	XRT_Custom_420_OG [0x1a4]						
2009/10/07	10:00:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/07	11:00:00.5	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/07	12:00:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]						
		AOCU_NM	5	02-76	03 00 00 00 00			

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2009/10/07	17:56:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/07	17:56:26.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/10/07	17:56:30.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00
2009/10/07	17:56:46.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/07	17:56:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/07	17:56:50.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/07	17:59:28.0	XRT_QT_PROG_SET_425_OG [0x1a9] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2009/10/07	17:59:30.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/07	18:06:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/07	18:06:26.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/07	18:06:30.0	AOCS_ORe-point_Start_18_OG [0x0a8] AOCU_NM	5	02-76	02 00 00 00 00
2009/10/07	18:06:46.0	XRT_QT_PROG_SET_430_OG [0x1ae] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2009/10/07	18:09:24.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/07	18:09:26.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/07	18:09:28.0	XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/07	18:09:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/07	18:20:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/07	18:43:00.0	XRT_Custom_420_OG [0x1a4]			
2009/10/07	18:44:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/07	19:57:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/07	20:20:00.0	XRT_Custom_420_OG [0x1a4]			
2009/10/07	20:21:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/07	21:34:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/07	21:57:00.0	XRT_Custom_420_OG [0x1a4]			
2009/10/07	21:58:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/07	23:11:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/07	23:31:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/07	23:31:32.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/10/07	23:31:52.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2009/10/07	23:34:30.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/07	23:34:32.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/07	23:34:34.0	XRT_ARS_DIS_415_OG [0x19f] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/07	23:34:36.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/08	00:49:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/08	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/10/08	05:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/10/08	06:00:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00
2009/10/08	06:00:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/10/08	06:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/10/08	06:00:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/10/08	06:02:58.0	XRT_QT_PROG_SET_426_OG [0x1aa] MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2009/10/08	06:03:00.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/10/08	06:10:00.0	AOCS_ORe-point_Start_18_OG [0x0a8] AOCU_NM	5	02-76	02 00 00 00 00
2009/10/08	08:00:00.0	AOCS_ORe-point_Start_17_OG [0x0a7] AOCU_NM	5	02-76	00 bd 59 cf 1b
2009/10/08	10:53:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00