

XRT Timeline to be uploaded on 2010/09/04

Period: 2010/09/04 09:52:00 - 2010/09/08 10:42:00

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Normal mode

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XOB #17F7: AR Standard-A(Filter-Ratio) for FW1=Open, 512x512 at 1064 1048, 4min-cad											
Term	Pointing (x, y)						Comment				
09/04 10:05:02 - 09/04 17:41:24	Fixed (838.0, 376.0)						# OP start + 10min, AR 11102 at W limb.				
09/05 02:20:02 - 09/05 02:59:54	Fixed (838.0, 376.0)						* HOP 173, EPO, looking at AR 11102.				
09/05 05:03:02 - 09/05 05:59:54	Track (885.8, 148.9) ^{09/05 05:00:00}						* Track AR 11101.				
09/05 09:43:02 - 09/05 17:49:54	Fixed (905.0, 175.0)						# AR 11101 at W limb.				
09/06 02:03:02 - 09/06 02:59:54	Fixed (834.0, 387.0)						* HOP 173, EOP, ARs 11103 and 11104 at W limb.				
PROG= 16 Inf.-time(s)											
└─ Subr= 1 1-time(s) 2.0sec											
└─ Seqn= 17 1-time(s) 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec											
└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec											
└─ Seqn= 6 4-time(s) 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec											
└─ Open/thick-Al Open/thick-Be close Safe Norm 16.0s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec											
└─ Subr= 2 1-time(s) 2.0sec											
└─ Seqn= 86 10-time(s) 240.0sec											
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec											
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #17B9: Synoptic Q95 2x2 - Al/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				
09/04 17:44:32 - 09/04 17:51:24	Fixed (0.0, 0.0)						synoptic, shifted -18.5 min				
09/05 03:03:02 - 09/05 03:09:54	Fixed (0.0, 0.0)						* HOP 173, synoptic.				
09/05 06:03:02 - 09/05 07:21:54	Fixed (0.0, 0.0)						synoptic, extended for SOT flat fields and EIS sensitivity monitoring.				
09/05 17:53:02 - 09/05 17:59:54	Fixed (0.0, 0.0)						synoptic, shifted manually.				
09/06 03:03:02 - 09/06 03:09:54	Fixed (0.0, 0.0)						* HOP 173, synoptic.				
09/06 06:21:32 - 09/06 06:28:24	Fixed (0.0, 0.0)						synoptic, shifted 18.5 min.				
PROG= 03 1-time(s)											
└─ Subr= 1 1-time(s) 12.0sec											
└─ Seqn= 7 1-time(s) 4.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec											
└─ Seqn= 5 1-time(s) 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec											
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec											
└─ Seqn= 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				
09/04 17:54:32 - 09/05 01:57:30	Fixed (-11.0, 890.0)						# HOP 101, N pole helioseismology; EIS to run HOP 80, polar CH boundary monitoring..				
09/05 18:03:02 - 09/06 01:59:54	Fixed (-11.0, 890.0)						# HOP 101, N pole helioseismology; EIS runs HOP 80, polar CH monitoring.				
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 #180E: HOP173 prominence Al/mesh, Ti/poly, G-band-DPCM 1x1-512x512-FOV -AEC2-5min cadence											
Term	Pointing (x, y)						Comment				
09/05 03:13:02 - 09/05 04:59:54	Fixed (838.0, 376.0)						* HOP 173, AR 102, and prominence at NW limb (pointing same as prior to synoptic)).				
09/06 03:13:02 - 09/06 04:59:54	Fixed (894.0, -250.0)						* HOP 173, prominence in SW.				
PROG= 13 Inf.-time(s)											
└─ Subr= 2 1-time(s) 2.0sec											
└─ Seqn= 57 1-time(s) 2.0sec											
└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec											
└─ Subr= 1 12-time(s) 300.0sec											
└─ Seqn= 31 1-time(s) 2.0sec											
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 4.00s Obs 1x1 512x512 (1024, 1024) DPCM 2 0 2.0sec											

Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88		1-time(s)		2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2		1-time(s)		2.0sec								
Seqn= 90		1-time(s)		2.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3		30-time(s)		60.0sec								
Seqn= 87		1-time(s)		2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88		1-time(s)		2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2		1-time(s)		2.0sec								
Seqn= 90		1-time(s)		2.0sec								
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3		30-time(s)		60.0sec								
Seqn= 87		1-time(s)		2.0sec								
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 88		1-time(s)		2.0sec								
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 4		24-time(s)		600.0sec								
Seqn= 89		1-time(s)		2.0sec								
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

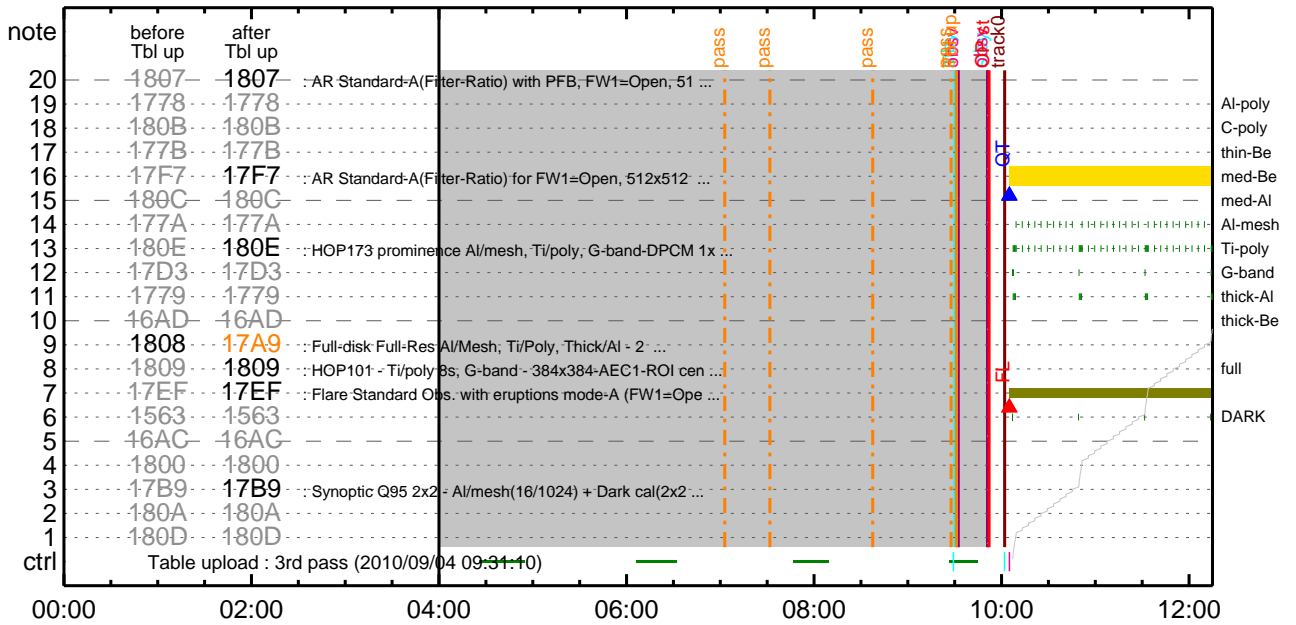
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Flare Detection

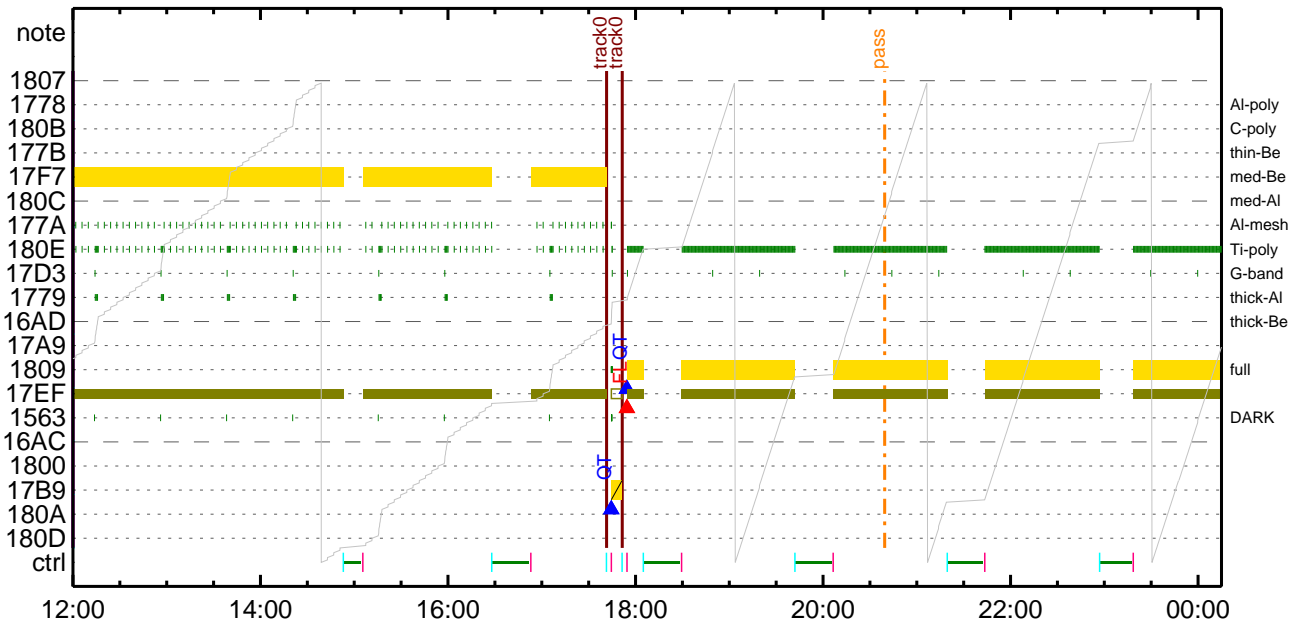
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FLD Patrol												
Term	Pointing (x, y)				Comment							
09/04 10:02:16 - 09/04 17:41:46	Fixed (838.0,	376.0)		# OP start + 10min, AR 11102 at W limb.							
09/04 17:51:46 - 09/05 03:00:16	Fixed (	-11.0,	890.0)		# HOP 101, N pole helioseismology; EIS to run HOP 80, polar CH boundary monitoring..							
09/05 03:10:16 - 09/05 06:00:16	Fixed (	838.0,	376.0)		* HOP 173, AR 102, and prominence at NW limb (pointing same as prior to synoptic).							
09/05 09:40:16 - 09/05 17:50:16	Fixed (	905.0,	175.0)		# AR 11101 at W limb.							
09/05 18:00:16 - 09/06 03:00:16	Fixed (	-11.0,	890.0)		# HOP 101, N pole helioseismology; EIS runs HOP 80, polar CH monitoring.							
09/06 03:10:16 - 09/06 06:18:46	Fixed (	894.0,	-250.0)		* HOP 173, prominence in SW.							
09/06 06:28:46 - 09/08 10:42:00	Track (	721.5,	221.6)	@ 09/06 06:28:30	* Cont.							
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8		Q=50		30sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

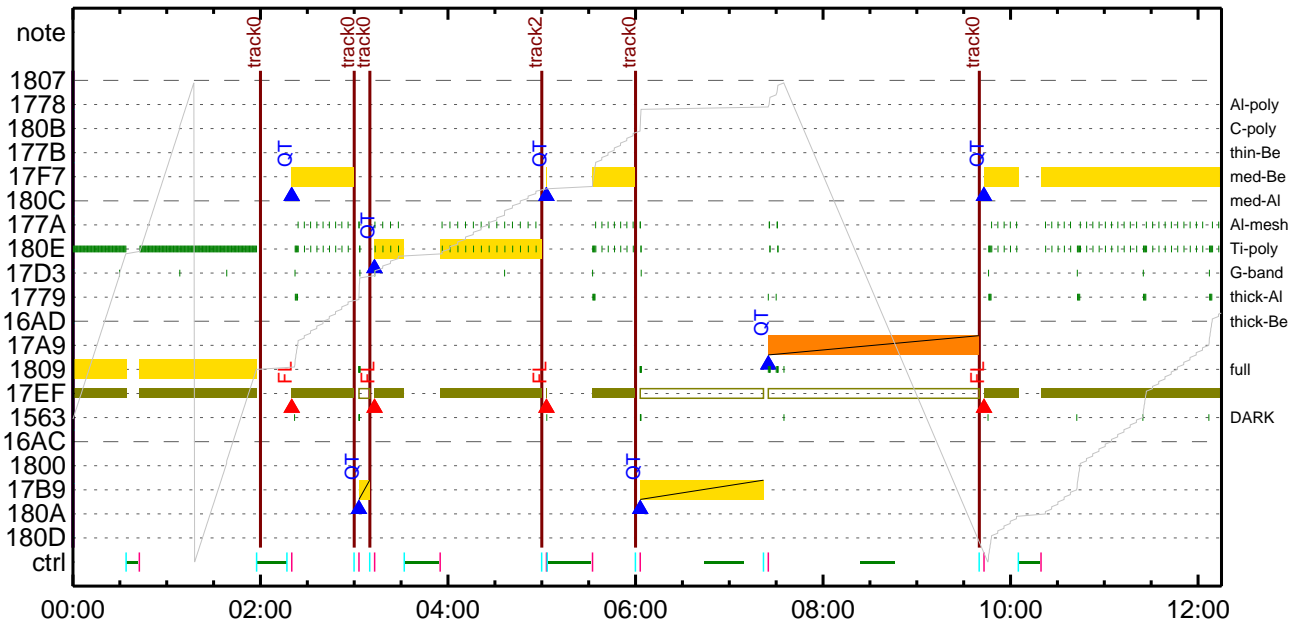
CMDI #0470 2010/09/04



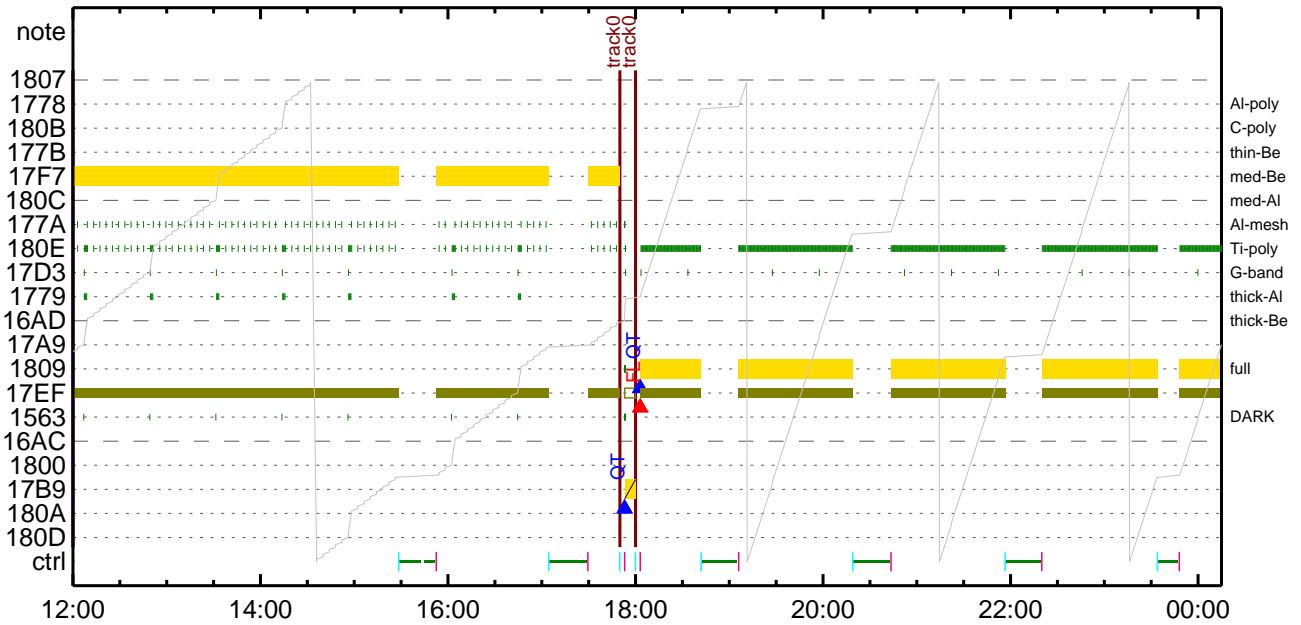
CMDI #0470 2010/09/04



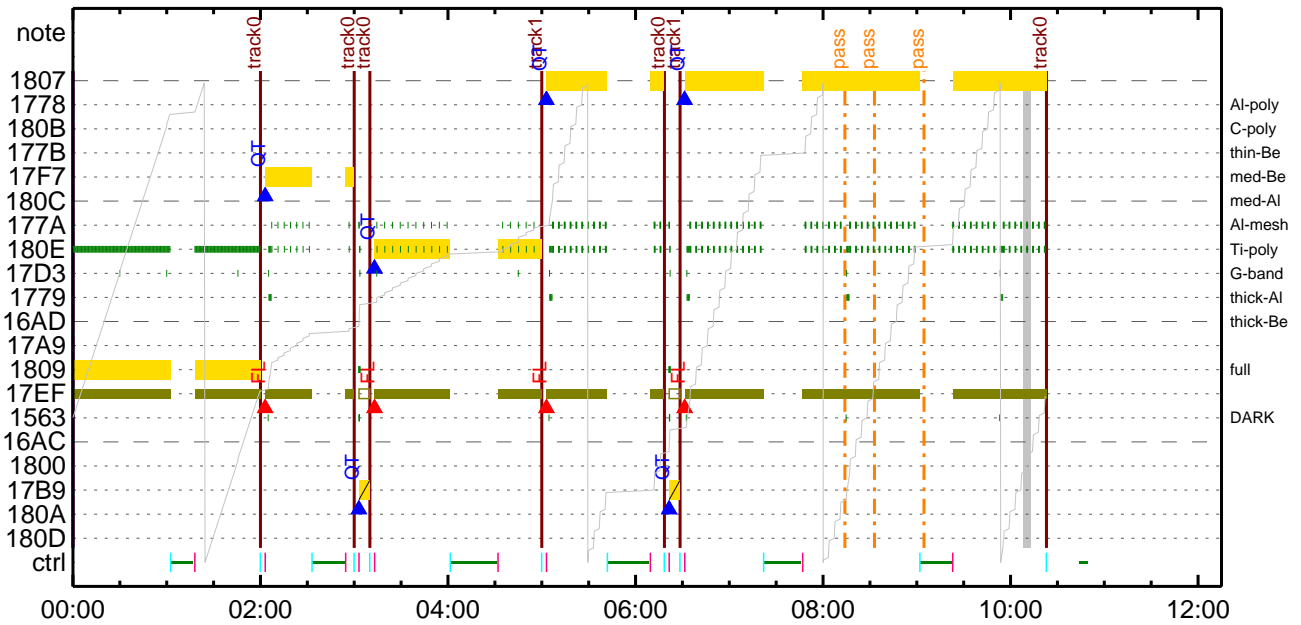
CMDI #0470 2010/09/05



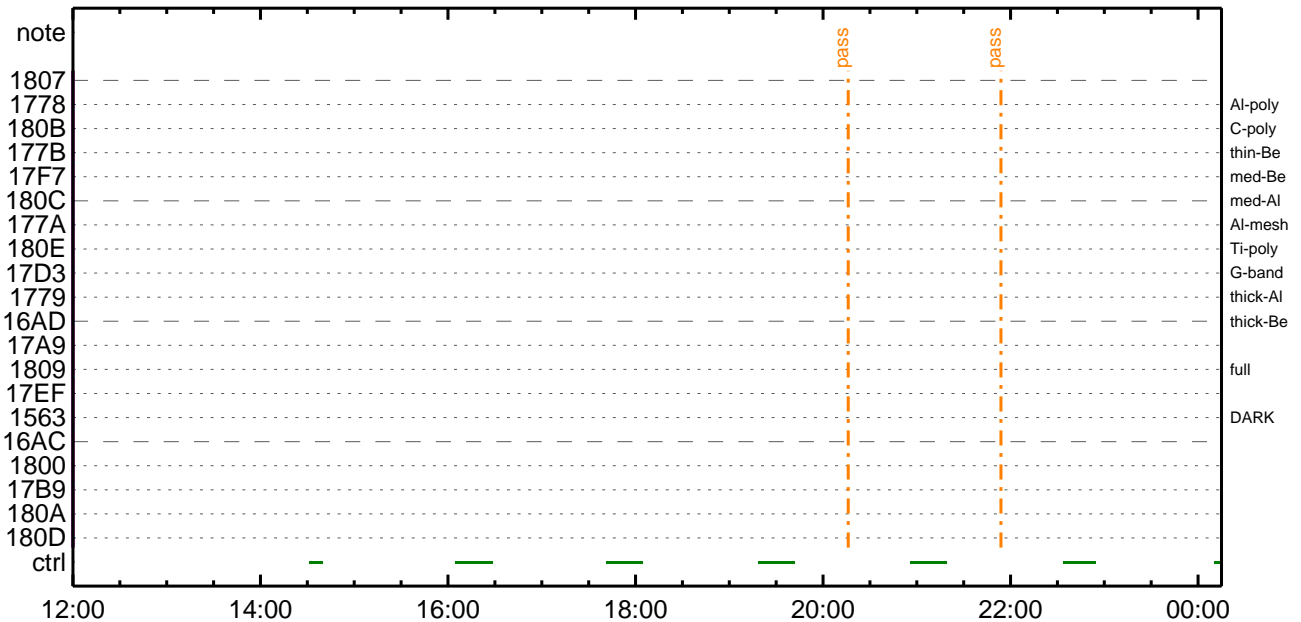
CMDI #0470 2010/09/05



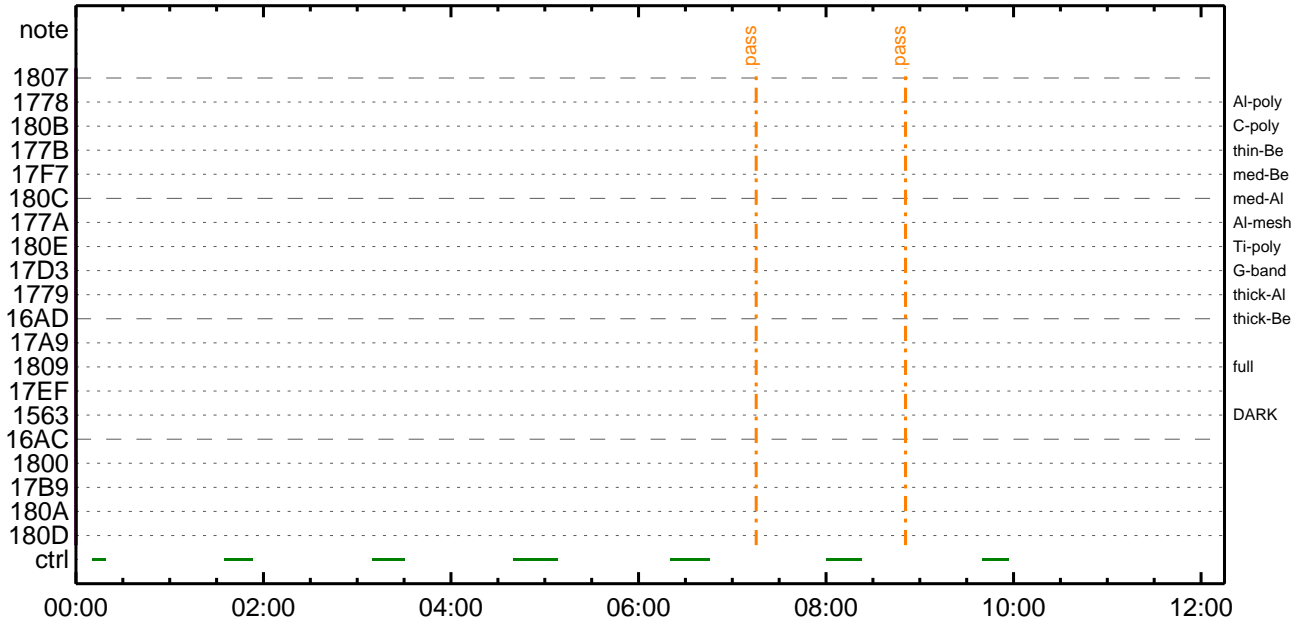
CMDI #0470 2010/09/06



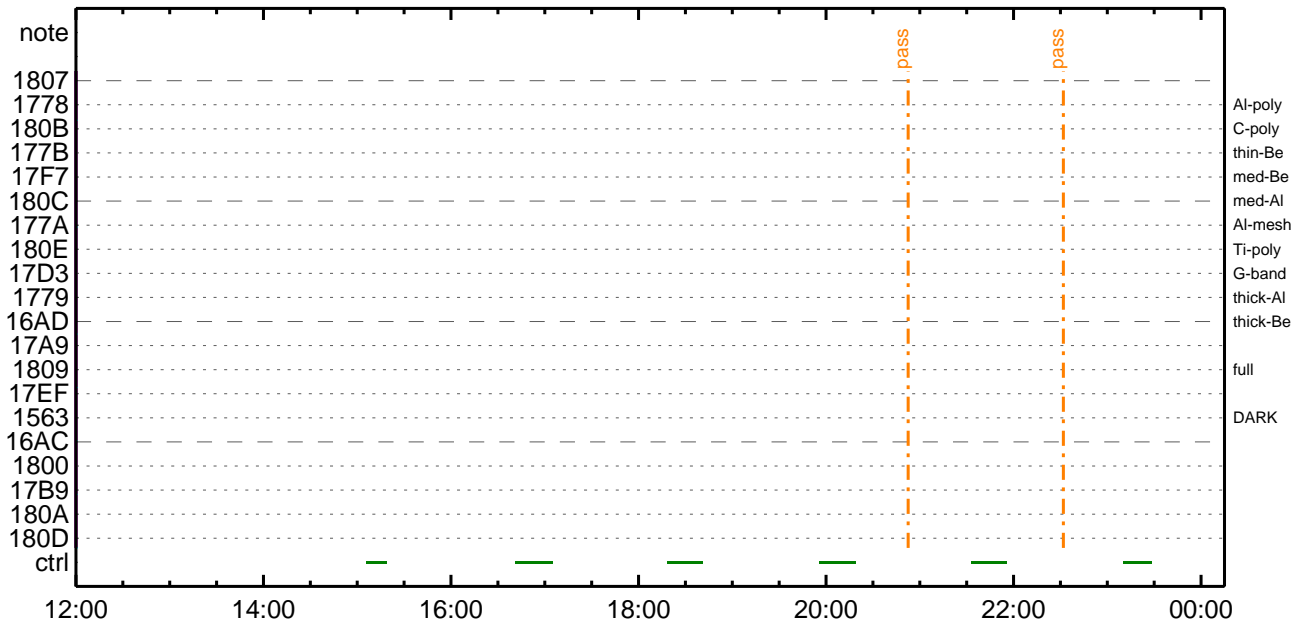
CMDI #0470 2010/09/06



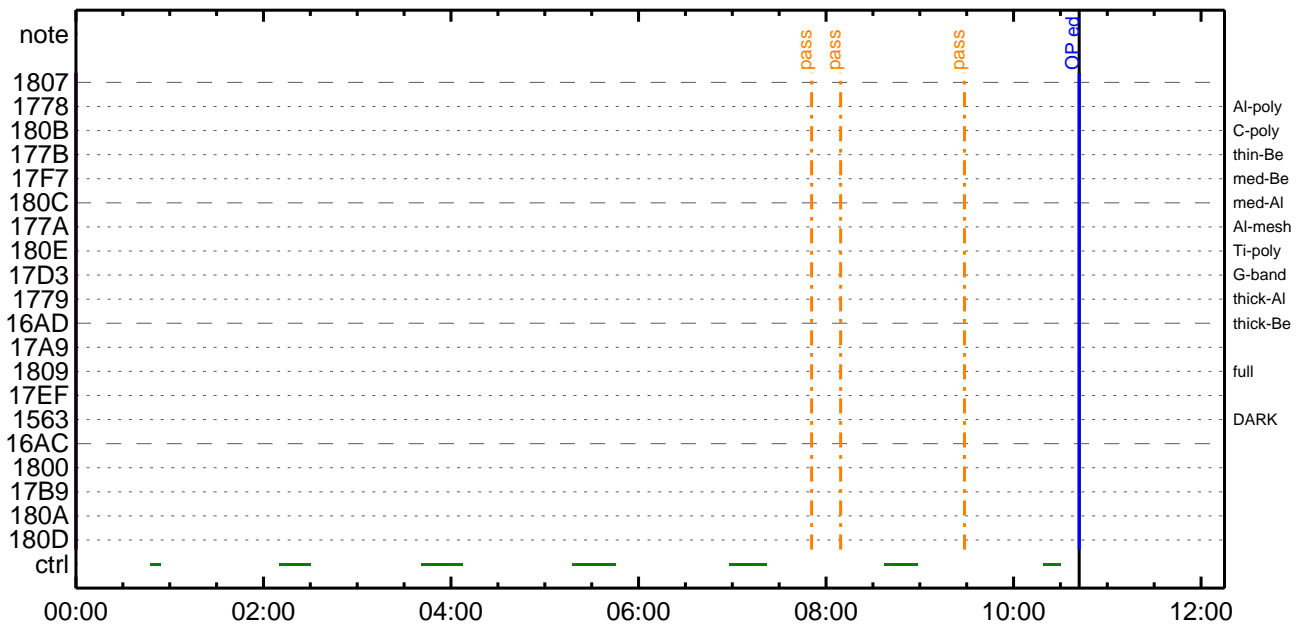
CMDI #0470 2010/09/07



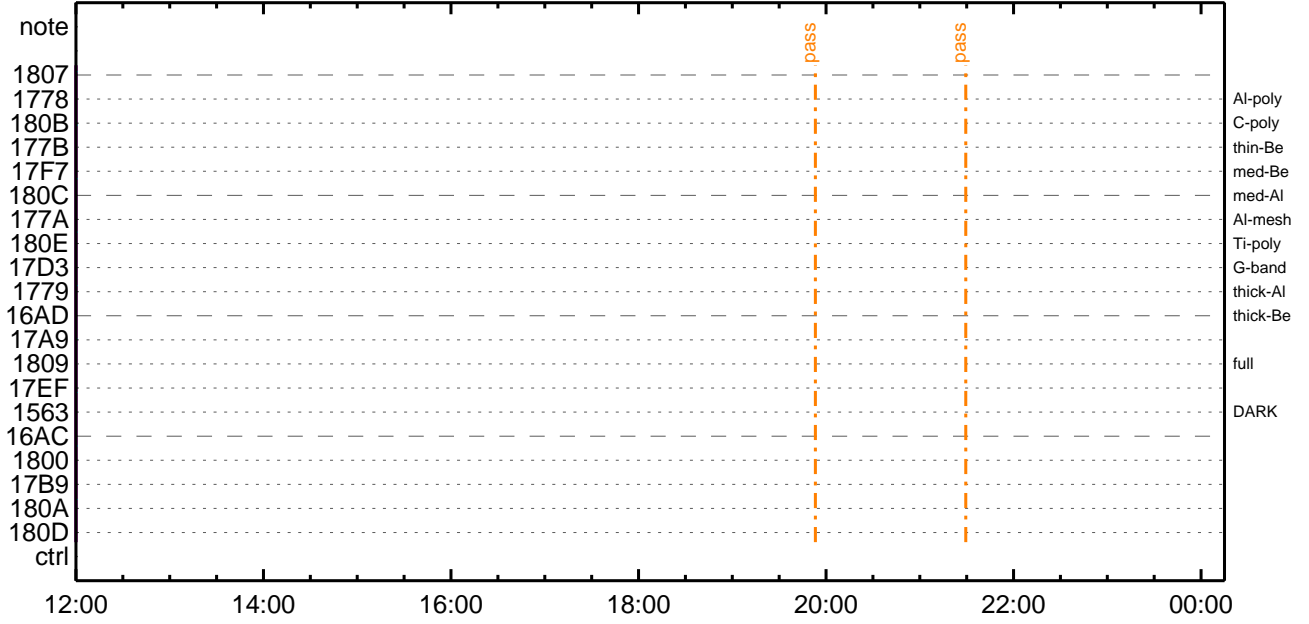
CMDI #0470 2010/09/07



CMDI #0470 2010/09/08



CMDI #0470 2010/09/08



(a) Spacecraft Operation Procedure (real-commands)

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main-565 2010-09-04 13:01:27 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YF¥ÖYÉÁ+¿@
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ÒÁð·μ°È»Í×ÁÇ¿ÍYçYÁY×Yí;¼YÉ;ÈÈè¼μ·íÉ;ÈèÈ¼°ÇÒð·ð¿¼í¹Ç¿Í;çÀ@, ùñ¹ðèññÇÁ+¿@ð·ðÈððð³ðÈ;é
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ;|YÁYÖY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-565:OP
0020 ( )
0021 . S. OG og-565:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPÍ°èYÁYÖY×;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. YÁYÖY×¼ªª Î»ðð³ ÎÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGðÍ¼È¹Ç·è² ÎOKðð³ 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. YÁYÖY×¼ªª Î»ðð³ ÎÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGðÍ¼È¹Ç·è² ÎOKðð³ ÎÇ§
0062 C.
0063 C. NMOG(0x210000-0x2100FF;§ 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. YÁYÖY×¼ªª Î»ðð³ ÎÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPðÍ¼È¹Ç·è² ÎOKðð³ ÎÇ§
0081 C.
0082 . C. ***** òÈ²¼ðÍ¼Á´ ¶Á°ðÈÈ-ð°Á+¿@ (¼áμ-YÁYÖY×¼¼è¼ÇððÁÓÃæÇ¼ªª ð°ñ¼¼í¹Ç¿ÇðÁ) *****
0083 C. DHUYã;¼YÉ;È¼Y¼, Yí;¼YÉ;ÈððÍáð¹
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 UPLOADð-Á+¿@NGðÍ¼í¹Ç; ç°È²¼ðÍTI-CMDÁ+¿@ðÍ¼Á¹Ôð·ðÈððð³ðÈ;é
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0096 C. 0097 C. 0098 . C. TI 2010-09-04 09:47:00.0 0099 +. TI 2010-09-04 09:47:01.0 0100 DC 01-B3 DHU_OP_STOP 0101 C. 0102 C. 0103 +. TI 2010-09-04 09:47:01.0 0104 DC 01-B4 DHU_OP_COPY 0105 C. 0106 C. 0107 +. TI 2010-09-04 09:47:01.0 0108 DC 01-B5 DHU_OPOG_COPY 0109 C. 0110 C. 0111 +. TI 2010-09-04 09:51:59.5 0112 DC 01-B2 DHU_OP_START 0113 C. 0114 C. 0115 C. 0116 C. 0117 C. 0118 C. 0119 C. 0120 C. 0121 . C. 0122 C. 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. 0129 C. 0130 C. 0131 C. 0132 C. 0133 +. DC 01-22 DHU_MODE_CHNG 0134 BC (07 0b f8) 0135 C. 0136 C. 0137 C. 0138 C. 0139 C. 0140 C. 0141 . C. 0142 C. 0143 C. 0144 . C. RAM ID=TI_TBL 0145 C. 0146 . C. DHU 0147 +. DC 01-22 DHU_MODE_CHNG 0148 BC (02 0a f8) 0149 C. 0150 C. 0151 C. 0152 C. 0153 C. 0154 C. 0155 C. SOT TI command set 0156 C. 0157 C. Execute, after the success of OP upload. 0158 +. TI 2010-09-04 09:51:16.0 0159 DC 07-F0 MDP_SOT_MODE_STBY 0160 BC (41) 0161 C. 0162 C. HK1_TI_CMD_NUM = 1 CNTUP [] 0163 C. 0164 C. ***** SOT END ***** 0165 . C. Stop EIS observation and temporarily disable EIS mode changes 0166 C. 0167 C. 0168 C. ***** Start EIS operation (TI set) ***** 0169 C. Execute, after the success of OP upload. 0170 C. Set EIS TI-commands 0171 +. TI 2010-09-04 09:51:30.0 0172 DC 07-FC EIS_MODE_MANU 0173 BC (21 02) 0174 +. TI 2010-09-04 09:51:40.0 0175 DC 07-FC EIS_MODE_CHG_DIS 0176 BC (22) 0177 . C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP 0178 C. ***** End EIS operation (TI set) ***** 0179 C. 0180 C. 0181 C. 0182 C. ***** XRT START ***** 0183 C. Execute, after the success of OP upload. 0184 +. TI 2010-09-04 09:51:00.0 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 DCBC ***** 0192 C. (DCBC) 0193 . S. DC-BC dcbc-402:DCBC

```
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.
```


(a) Spacecraft Operation Procedure (real-commands)

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main-567 2010-09-04 13:01:27 118 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁY$;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁß•μ°È»Í×ÁÇ¿íYçYÁY×Yí;¼YÉ;ÈÈè¿μ•íÉ;ÈÈÈ¼°ÇÔã•ã¿¼l¹çãÍ;çÁ®, ùã¹ãèßãçÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-264:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2010-09-04 09:51:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 08 08)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 08 08)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 80 80 20 20)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 08)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 08 20)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 80 06 06)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 80 80 08 08)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 . C. ----- Success Verify ? OK / NG _____
0091 C.
0092 C.
0093 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0094 C.
0095 +. DC 07-F0 MDP_XRT_MODE_OBSV

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0096 BC (c2)
0097 +. TI 2010-09-04 09:51:02.0
0098 DC 07-F0 MDP_XRT_MODE_OBSV
0099 BC (c2)
0100 . C. ----- Success Verify ? OK / NG ____
0101 C.
0102 C. ***** XRT END *****
0103 C.
0104 . C. ***** MDP `úÃîñî»ò¼ÝñÈÄðñ¹ñèDCBC•x²è *****
0105 C. (¼ã°îÿÓÿÃÿÈÿbÿÈÿäÿçÿèñ¼ññ¼Ã»Ûñ¹ñè)
0106 . S. DC-BC dcbc-402:DCBC
0107 (MDP_known_event)
0108 C.
0109 C.
0110 . C. ***** ÿðÿ¹•î Daily+;îÑñÈ´Øñ¹ñèDCBC•x²è *****
0111 . S. DC-BC dcbc-153:DCBC
0112 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0113 C.
0114 C.
0115 . C. ;ãLŸÿÁÿ$ÿÃÿ-¼Ã»Û;ã
0116 C.
0117 . C. ***** LOS *****
0118 C.

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*** OP Sequence for XRT ***

```

2010/09/04 10:01:54.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/04 10:01:56.0 XRT_FOCUS_POSITION_409_OG [0x199]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2010/09/04 10:02:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 de 98 b5 82
2010/09/04 10:02:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2010/09/04 10:02:18.0 XRT_FLRCTRL_ENA_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2010/09/04 10:02:20.0 XRT_AEC_RESET_441_OG [0x1b9]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2010/09/04 10:02:22.0 XRT_ARS_DIS_420_OG [0x1a4]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/09/04 10:04:56.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/04 10:04:58.0 XRT_QT_PROG_SET_426_OG [0x1aa]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 10
2010/09/04 10:05:00.0 XRT_FL_PROG_SET_405_OG [0x195]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 07
2010/09/04 10:05:02.5 XRT_CTRL_AUTO_406_OG [0x196]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/04 14:53:00.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/04 14:53:02.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/04 14:53:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2010/09/04 14:56:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2010/09/04 15:04:30.0 XRT_Custom_418_OG [0x1a2]
2010/09/04 15:05:30.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/04 16:28:00.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/04 16:28:02.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/04 16:28:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2010/09/04 16:31:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2010/09/04 16:52:00.0 XRT_Custom_418_OG [0x1a2]
2010/09/04 16:53:00.0 XRT_CTRL_AUTO_419_OG [0x1a3]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/04 17:41:24.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/04 17:41:26.0 XRT_FOCUS_POSITION_401_OG [0x191]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2010/09/04 17:41:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2010/09/04 17:41:46.0 XRT_FLD_DIS_402_OG [0x192]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2010/09/04 17:41:48.0 XRT_FLRCTRL_DIS_403_OG [0x193]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2010/09/04 17:41:50.0 XRT_ARS_DIS_404_OG [0x194]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/09/04 17:44:28.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/04 17:44:30.0 XRT_QT_PROG_SET_407_OG [0x197]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2010/09/04 17:44:32.5 XRT_CTRL_AUTO_406_OG [0x196]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/04 17:51:24.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/04 17:51:26.0 XRT_FOCUS_POSITION_409_OG [0x199]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2010/09/04 17:51:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 b0 e6 00 fd
2010/09/04 17:51:46.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2010/09/04 17:51:48.0 XRT_FLRCTRL_ENA_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2010/09/04 17:51:50.0 XRT_AEC_RESET_441_OG [0x1b9]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2010/09/04 17:51:52.0 XRT_ARS_DIS_420_OG [0x1a4]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2010/09/04 17:54:26.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/04 17:54:28.0 XRT_QT_PROG_SET_445_OG [0x1bd]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2010/09/04 17:54:30.0 XRT_FL_PROG_SET_405_OG [0x195]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 07
2010/09/04 17:54:32.5 XRT_CTRL_AUTO_406_OG [0x196]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2010/09/04 18:05:00.0 XRT_CTRL_MANU_408_OG [0x198]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2010/09/04 18:05:02.0 XRT_FLD_RESET_412_OG [0x19c]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2010/09/04 18:05:04.0 XRT_PREFLR_STRT_422_OG [0x1a6]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2010/09/04 18:08:14.0 XRT_PREFLR_STOP_424_OG [0x1a8]

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2010/09/04	18:28:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/04	18:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/04	19:42:00.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/04	19:42:02.0	XRT_FLD_RESET_412_OG [0x19c]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/04	19:42:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/04	19:45:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/04	20:05:30.0	XRT_Custom_418_OG [0x1a2]						
2010/09/04	20:06:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/04	21:19:30.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/04	21:19:32.0	XRT_FLD_RESET_412_OG [0x19c]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/04	21:19:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/04	21:22:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/04	21:42:30.0	XRT_Custom_418_OG [0x1a2]						
2010/09/04	21:43:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/04	22:57:00.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/04	22:57:02.0	XRT_FLD_RESET_412_OG [0x19c]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/04	22:57:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/04	23:00:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/04	23:17:30.0	XRT_Custom_418_OG [0x1a2]						
2010/09/04	23:18:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/05	00:34:00.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/05	00:34:02.0	XRT_FLD_RESET_412_OG [0x19c]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/05	00:34:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/05	00:37:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/05	00:41:30.0	XRT_Custom_418_OG [0x1a2]						
2010/09/05	00:42:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/05	01:57:30.0	XRT_CTRL_MANU_408_OG [0x198]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/05	01:57:32.0	XRT_FLD_RESET_412_OG [0x19c]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/05	01:57:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/09/05	02:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
			AOCU_NM	5	02-76	00 de 98 b5 82		
2010/09/05	02:00:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/09/05	02:16:54.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/05	02:16:56.0	XRT_FOCUS_POSITION_409_OG [0x199]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/09/05	02:17:16.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/09/05	02:17:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/09/05	02:17:20.0	XRT_AEC_RESET_441_OG [0x1b9]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/09/05	02:17:22.0	XRT_ARS_DIS_420_OG [0x1a4]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/09/05	02:19:56.0	XRT_FLD_RESET_412_OG [0x19c]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/05	02:19:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2010/09/05	02:20:00.0	XRT_FL_PROG_SET_405_OG [0x195]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2010/09/05	02:20:02.0	XRT_CTRL_AUTO_406_OG [0x196]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/09/05	02:59:54.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/09/05	02:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/09/05	03:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2010/09/05	03:00:16.0	XRT_FLD_DIS_402_OG [0x192]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/09/05	03:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/09/05	03:00:20.0	XRT_ARS_DIS_404_OG [0x194]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/09/05	03:02:58.0	XRT_FLD_RESET_412_OG [0x19c]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2010/09/05	03:03:00.0	XRT_QT_PROG_SET_407_OG [0x197]						

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2010/09/05	03:03:02.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2010/09/05	03:09:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/05	03:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/05	03:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/09/05	03:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 de 98 b5 82	
2010/09/05	03:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/09/05	03:10:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/09/05	03:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/09/05	03:12:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/09/05	03:12:58.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/05	03:13:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2010/09/05	03:13:02.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2010/09/05	03:32:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/05	03:32:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/05	03:32:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/05	03:35:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2010/09/05	03:54:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2010/09/05	03:55:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	XRT_Custom_418_OG [0x1a2]				
2010/09/05	04:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_419_OG [0x1a3]				
2010/09/05	04:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/05	05:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/05	05:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/09/05	05:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	AOCU_NM	5	02-76	02 00 00 00 00	
2010/09/05	05:00:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/09/05	05:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/09/05	05:02:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/09/05	05:02:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/09/05	05:03:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/05	05:03:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2010/09/05	05:03:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2010/09/05	05:03:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/05	05:03:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/05	05:06:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/05	05:31:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2010/09/05	05:32:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2010/09/05	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_418_OG [0x1a2]				
2010/09/05	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_CTRL_AUTO_419_OG [0x1a3]				
2010/09/05	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/09/05	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/09/05	06:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2010/09/05	06:00:20.0	XRT_ARS_DIS_404_OG [0x194]	AOCU_NM	5	02-76	00 00 00 00 00	
2010/09/05	06:02:58.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/09/05	06:03:00.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/09/05	06:03:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/09/05	07:21:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/09/05	07:21:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2010/09/05	07:22:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
			MDP_XRT_FLD_DIS	1	07-F0	d9	

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2010/09/05	07:22:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/09/05	07:22:20.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/05	07:24:58.0	XRT_QT_PROG_SET_410_OG [0x19a]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2010/09/05	07:25:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/05	09:39:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/05	09:39:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/09/05	09:40:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	f0	73	af	8e
2010/09/05	09:40:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/05	09:40:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/05	09:40:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/05	09:40:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/05	09:42:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/05	09:42:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2010/09/05	09:43:00.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2010/09/05	09:43:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/05	10:05:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/05	10:05:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/05	10:05:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/05	10:08:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/05	10:18:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/05	10:19:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/05	15:28:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/05	15:28:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/05	15:28:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/05	15:31:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/05	15:51:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/05	15:52:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/05	17:04:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/05	17:04:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/05	17:04:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/05	17:07:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/05	17:28:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/05	17:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/05	17:49:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/05	17:49:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/09/05	17:50:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2010/09/05	17:50:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/09/05	17:50:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/09/05	17:50:20.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/05	17:52:58.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/05	17:53:00.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/09/05	17:53:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/05	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/05	17:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/09/05	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	b0	e6	00	fd
2010/09/05	18:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/05	18:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/05	18:00:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				

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2010/09/05	18:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/09/05	18:02:56.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/05	18:02:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2010/09/05	18:03:00.0	XRT_FL_PROG_SET_405_OG [0x195]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/09/05	18:03:02.5	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/05	18:42:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/05	18:42:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/05	18:42:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/05	18:45:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/05	19:05:00.0	XRT_Custom_418_OG [0x1a2]			
2010/09/05	19:06:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/05	20:19:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/05	20:19:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/05	20:19:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/05	20:22:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/05	20:42:30.0	XRT_Custom_418_OG [0x1a2]			
2010/09/05	20:43:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/05	21:56:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/05	21:56:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/05	21:56:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/05	21:59:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/05	22:19:00.0	XRT_Custom_418_OG [0x1a2]			
2010/09/05	22:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/05	23:34:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/05	23:34:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/05	23:34:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/05	23:37:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/05	23:47:00.0	XRT_Custom_418_OG [0x1a2]			
2010/09/05	23:48:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	01:02:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	01:02:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	01:02:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/06	01:05:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/06	01:17:00.0	XRT_Custom_418_OG [0x1a2]			
2010/09/06	01:18:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	01:59:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	01:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/09/06	02:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]			
		AOCU_NM	5	02-76	00 dd 9a b5 dc
2010/09/06	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2010/09/06	02:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/09/06	02:00:20.0	XRT_AEC_RESET_441_OG [0x1b9]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2010/09/06	02:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/09/06	02:02:56.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	02:02:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2010/09/06	02:03:00.0	XRT_FL_PROG_SET_405_OG [0x195]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/09/06	02:03:02.5	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	02:33:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	02:33:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	02:33:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8

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2010/09/06	02:36:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/06	02:53:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/06	02:54:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/06	02:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/06	02:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/09/06	03:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/09/06	03:00:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/09/06	03:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/09/06	03:00:20.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/06	03:02:58.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/06	03:03:00.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/09/06	03:03:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/06	03:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/06	03:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/06	03:10:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 16 35 b0 8c				
2010/09/06	03:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/06	03:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/06	03:10:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/06	03:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/06	03:12:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/06	03:12:58.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2010/09/06	03:13:00.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2010/09/06	03:13:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/06	04:01:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/06	04:01:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/06	04:01:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/06	04:04:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/06	04:31:00.0	XRT_Custom_418_OG [0x1a2]							
2010/09/06	04:32:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/06	04:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/06	04:59:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/09/06	05:00:00.0	AOCS_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2010/09/06	05:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/09/06	05:00:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/09/06	05:00:20.0	XRT_AEC_RESET_441_OG [0x1b9]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/09/06	05:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/09/06	05:02:56.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/06	05:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2010/09/06	05:03:00.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2010/09/06	05:03:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/06	05:42:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/06	05:42:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/09/06	05:42:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/09/06	05:45:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/09/06	06:08:30.0	XRT_Custom_418_OG [0x1a2]							
2010/09/06	06:09:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/09/06	06:18:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/09/06	06:18:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				

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2010/09/06	06:18:30.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2010/09/06	06:18:46.0	XRT_FLD_DIS_402_OG [0x192] MDP_XRT_FLD_DIS	1	07-F0	d9
2010/09/06	06:18:48.0	XRT_FLRCTRL_DIS_403_OG [0x193] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/09/06	06:18:50.0	XRT_ARS_DIS_404_OG [0x194] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/09/06	06:21:28.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	06:21:30.0	XRT_QT_PROG_SET_407_OG [0x197] MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/09/06	06:21:32.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	06:28:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	06:28:26.0	XRT_FOCUS_POSITION_409_OG [0x199] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/09/06	06:28:30.0	AOCS_ORe-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	01 00 00 00 00
2010/09/06	06:28:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2010/09/06	06:28:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/09/06	06:28:50.0	XRT_AEC_RESET_441_OG [0x1b9] MDP_XRT_AEC_RESET	1	07-F0	d0
2010/09/06	06:28:52.0	XRT_ARS_DIS_420_OG [0x1a4] MDP_XRT_ARS_DIS	1	07-F0	d5
2010/09/06	06:31:26.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2010/09/06	06:31:28.0	XRT_FL_PROG_SET_405_OG [0x195] MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/09/06	06:31:30.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	07:22:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	07:22:02.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	07:22:04.0	XRT_PREFLR_STRT_422_OG [0x1a6] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/06	07:25:14.0	XRT_PREFLR_STOP_424_OG [0x1a8] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/06	07:46:00.0	XRT_Custom_418_OG [0x1a2]			
2010/09/06	07:47:00.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/09/06	09:02:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/09/06	09:02:02.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da
2010/09/06	09:02:04.0	XRT_PREFLR_STRT_422_OG [0x1a6] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/09/06	09:05:14.0	XRT_PREFLR_STOP_424_OG [0x1a8] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/09/06	09:22:00.0	XRT_Custom_418_OG [0x1a2]			
2010/09/06	09:23:00.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0
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_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00