

XRT Timeline to be uploaded on 2011/11/24

Period: 2011/11/24 09:56:00 - 2011/11/29 09:44:00

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Normal mode

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XOB #1839: AR Standard-B(Morphology) with PFB, FW1=Open, Ti/Poly, 384x384 at 1064 1048, 120sec-cad												
Term	Pointing (x, y)		Comment									
11/24 10:21:30 - 11/24 17:59:54	Track (-434.8, 244.3)	@ 11/24 10:06:00	# OP start + 10min, AR 11356 observations.									
11/24 18:13:00 - 11/24 23:59:54	Track (-369.5, 244.1)	@ 11/24 18:10:00	# AR 11356									
11/25 08:33:00 - 11/25 11:59:54	Track (-248.3, 244.0)	@ 11/25 08:30:00	# AR 11356									
11/25 18:18:00 - 11/25 23:59:54	Track (-162.9, 244.4)	@ 11/25 18:15:00	# AR 11356									
11/26 02:03:00 - 11/26 05:51:54	Track (-94.0, 244.8)	@ 11/26 02:00:00	# AR 11356									
PROG= 15 Inf.-time(s)												
Subr= 2 1-time(s) 2.0sec												
Seqn= 19 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 41 4-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Subr= 1 1-time(s) 2.0sec												
Seqn= 76 35-time(s) 120.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	30.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	30.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	30.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	30.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #18B0: Synoptic Q95 2x2 - Al/mesh(12/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(24/1443) + Thin-Be(88/2)												
Term	Pointing (x, y)		Comment									
11/24 18:03:00 - 11/24 18:09:54	Fixed (0.0, 0.0)		synoptic									
11/25 06:33:00 - 11/25 07:49:54	Fixed (0.0, 0.0)		# Disk center pointing for eclipse observations.									
11/25 18:08:00 - 11/25 18:14:54	Fixed (0.0, 0.0)		synoptic, shifted 5.0 min									
11/26 05:55:00 - 11/26 06:02:00	Fixed (0.0, 0.0)		synoptic, shifted -8.0 min									
PROG= 08 1-time(s)												
Subr= 1 1-time(s) 12.0sec												
Seqn= 46 1-time(s) 4.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 5 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 69 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 50 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	86ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	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 #182A: AR Standard-B(Morphology) with PFB, FW1=Open, Al/Mesh, 384x384 at 1064 1048, 60sec-cad												
Term	Pointing (x, y)		Comment									
11/25 00:03:00 - 11/25 02:00:00	Track (-364.0, 244.0)	@ 11/25 00:00:00	# HOP-128 (AR 11356).									
11/26 00:03:00 - 11/26 01:59:54	Track (-157.7, 244.3)	@ 11/26 00:00:00	HOP 128 (AR 11356)									
PROG= 07 Inf.-time(s)												
Subr= 2 1-time(s) 2.0sec												
Seqn= 19 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 41 4-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Subr= 1 1-time(s) 2.0sec												
Seqn= 10 45-time(s) 30.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	15.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	15.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	15.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	15.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #18C6: Eclipse20111125_Ti-Poly_Movie_DCpnt-duration-15min												
Term		Pointing (x, y)				Comment						
11/25 04:10:43 - 11/25 05:51:00		Fixed (0.0, 0.0)				# Disk center pointing for eclipse observations.						
11/25 07:51:37 - 11/25 08:29:54		Fixed (0.0, 0.0)				# Disk center pointing for eclipse observations.						
PROG= 02 1-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 64 1-time(s) 2.0sec												
Open/G-band		Open/G-band		open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)		Q=90 0 0 2.0sec
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 65 45-time(s) 20.0sec												
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

XOB #18C5: Eclipse20111125_Ti-Poly_Movie_DCpnt-duration-25min												
Term		Pointing (x, y)				Comment						
11/25 05:52:43 - 11/25 06:29:54		Fixed (0.0, 0.0)				# Disk center pointing for eclipse observations.						
PROG= 14 1-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 64 1-time(s) 2.0sec												
Open/G-band		Open/G-band		open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)		Q=90 0 0 2.0sec
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 65 75-time(s) 20.0sec												
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=92 0 0 2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

XOB #174E: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384												
Term		Pointing (x, y)				Comment						
11/25 12:03:00 - 11/25 17:41:30		Fixed (-9.0, 920.0)				# HOP-81 (North Pole)						
PROG= 16 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 51 1-time(s) 2.0sec												
Open/G-band		Open/G-band		open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)		Q=90 0 0 2.0sec
Subr= 2 30-time(s) 2.0sec												
Seqn= 58 2-time(s) 30.0sec												
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)		Q=90 0 0 2.0sec
Open/Ti-poly		Open/Ti-poly		close	Safe	Norm	8.00s	Obs	1x1	384x384 (1064, 1048)		Q=90 0 0 2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

* * * * * **Flare mode** * * * * *

XOB #18C2: Flare standard obs. multifilter - thin-Be + (med-Al,thick-Be) 384x384 + (Al-poly 512x512 2x2)-no interval context-12 loops												
Term		Pointing (x, y)				Comment						
11/24 10:21:30 - 11/24 17:59:54		Track (-434.8, 244.3) @ 11/24 10:06:00				# OP start + 10min, AR 11356 observations.						
11/24 18:13:00 - 11/24 23:59:54		Track (-369.5, 244.1) @ 11/24 18:10:00				# AR 11356						
11/25 00:03:00 - 11/25 02:00:00		Track (-364.0, 244.0) @ 11/25 00:00:00				# HOP-128 (AR 11356).						
11/25 08:33:00 - 11/25 11:59:54		Track (-248.3, 244.0) @ 11/25 08:30:00				# AR 11356						
11/25 12:03:00 - 11/25 17:41:30		Fixed (-9.0, 920.0)				# HOP-81 (North Pole)						
11/25 18:18:00 - 11/25 23:59:54		Track (-162.9, 244.4) @ 11/25 18:15:00				# AR 11356						
11/26 00:03:00 - 11/26 01:59:54		Track (-157.7, 244.3) @ 11/26 00:00:00				HOP 128 (AR 11356)						
11/26 02:03:00 - 11/26 05:51:54		Track (-94.0, 244.8) @ 11/26 02:00:00				# AR 11356						

PROG= 03 12-time(s)												
Subr= 1 45-time(s) 10.0sec												
Seqn= 20 1-time(s) 2.0sec												
thin-Be/Open		med-Be/Open		close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95 3 0 2.0sec
Seqn= 63 1-time(s) 2.0sec												
med-Al/Open		med-Al/thick-Al		close	Safe	Norm	500ms	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= 77 1-time(s) 2.0sec												
Al-poly/Open		Al-poly/thick-Al		close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95 2 0 2.0sec
Subr= 2 1-time(s) 10.0sec												
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
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

* * * * * **Active Region Search** * * * * *

NOT USED

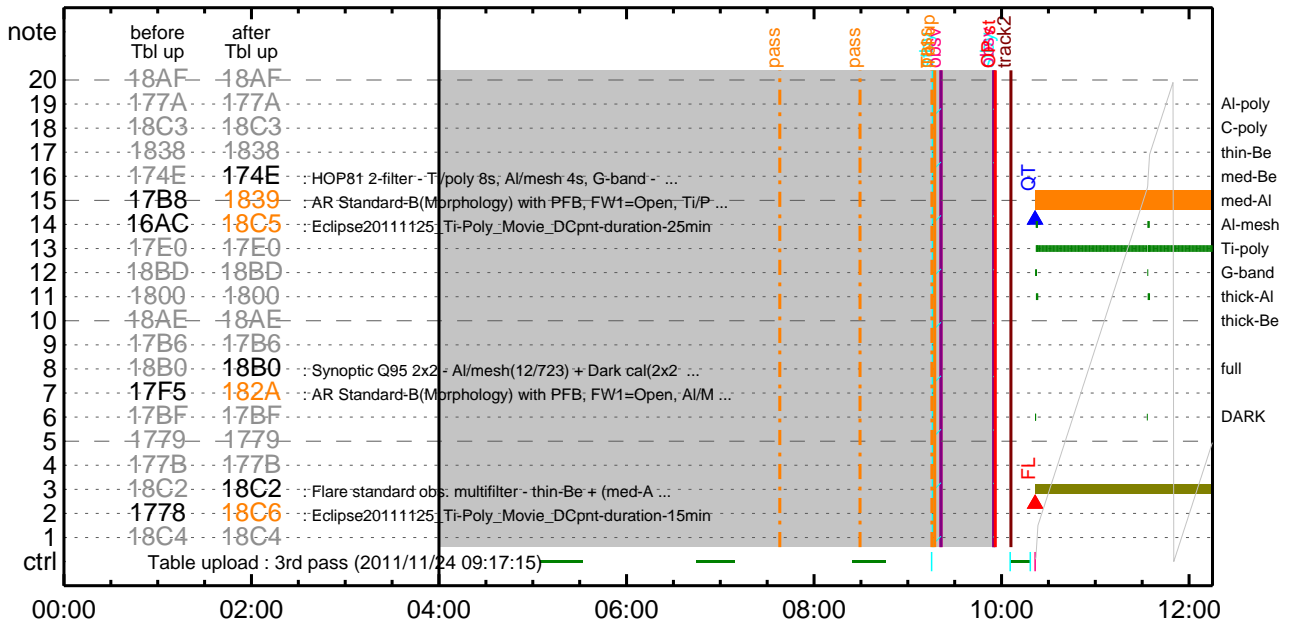
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Flare Detection

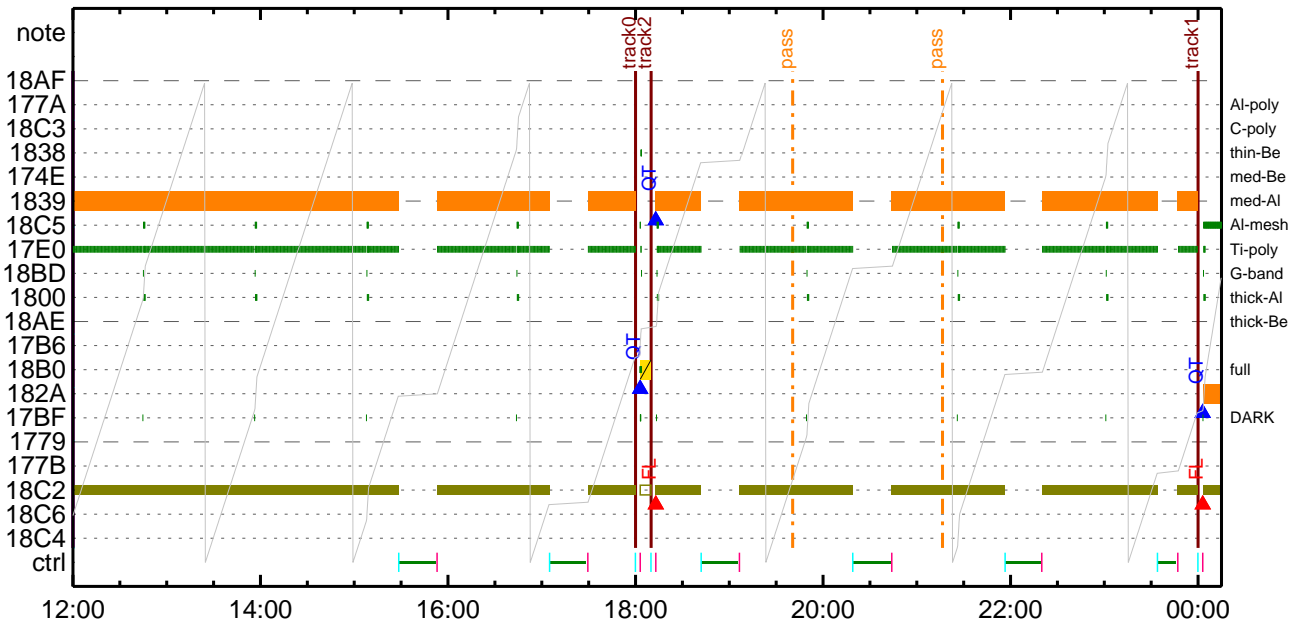
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FLD Patrol												
Term		Pointing (x, y)						Comment				
11/24 18:12:46 - 11/25 04:09:22	Track (-369.5, 244.1)	④ 11/24 18:10:00				# AR 11356						
11/25 08:32:46 - 11/25 18:05:16	Track (-248.3, 244.0)	④ 11/25 08:30:00				# AR 11356						
11/25 18:17:46 - 11/26 05:52:16	Track (-162.9, 244.4)	④ 11/25 18:15:00				# AR 11356						
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	

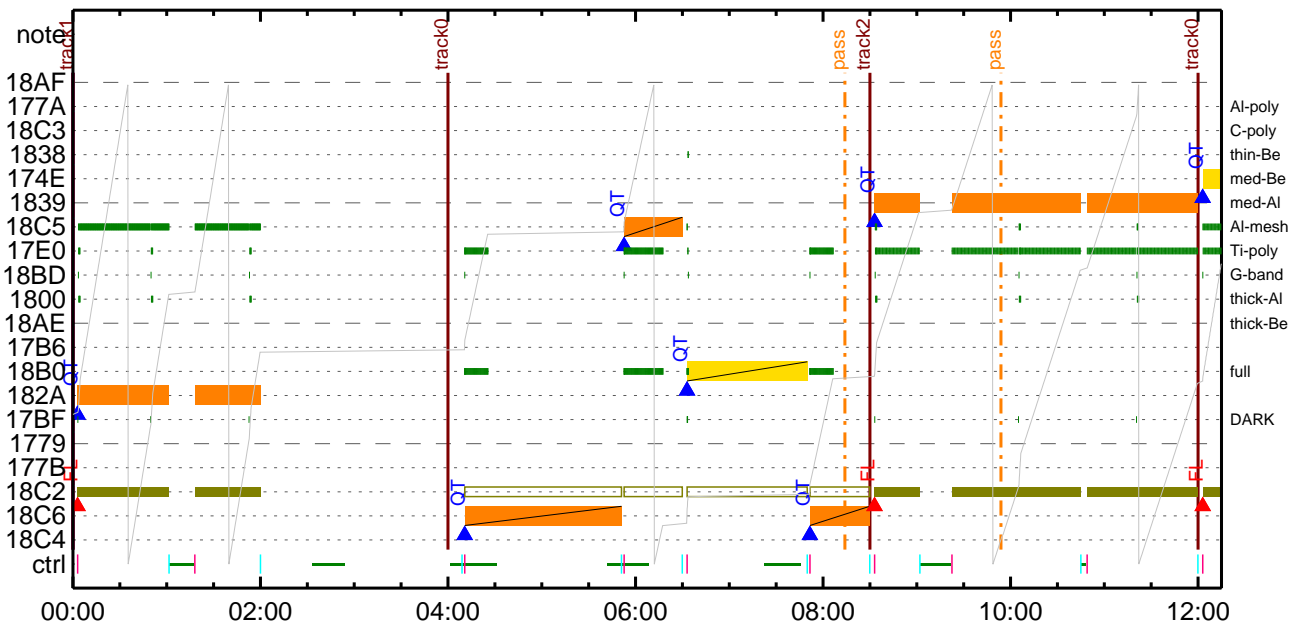
CMDI #0283 2011/11/24



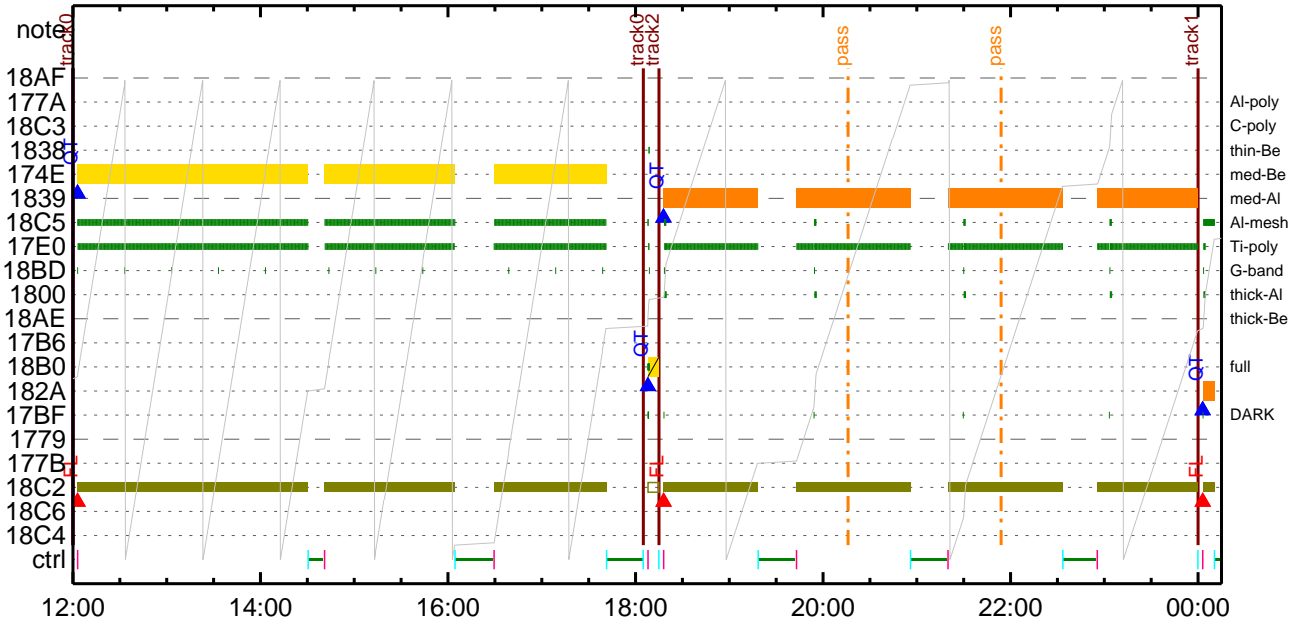
CMDI #0283 2011/11/24



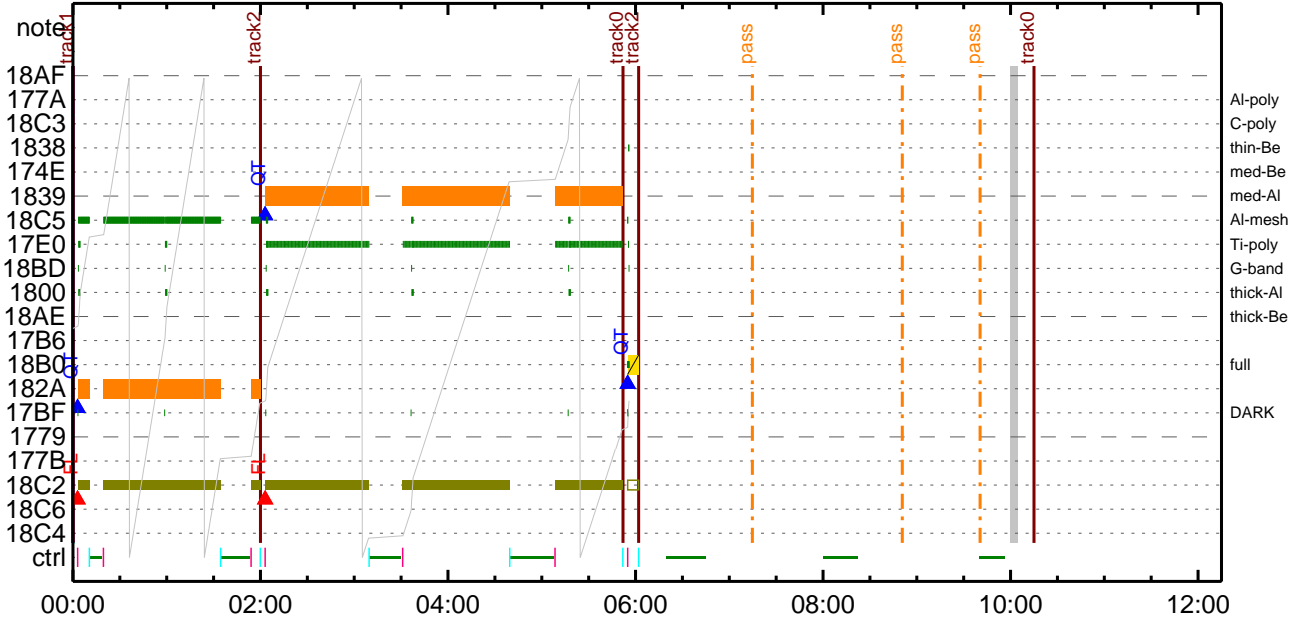
CMDI #0283 2011/11/25



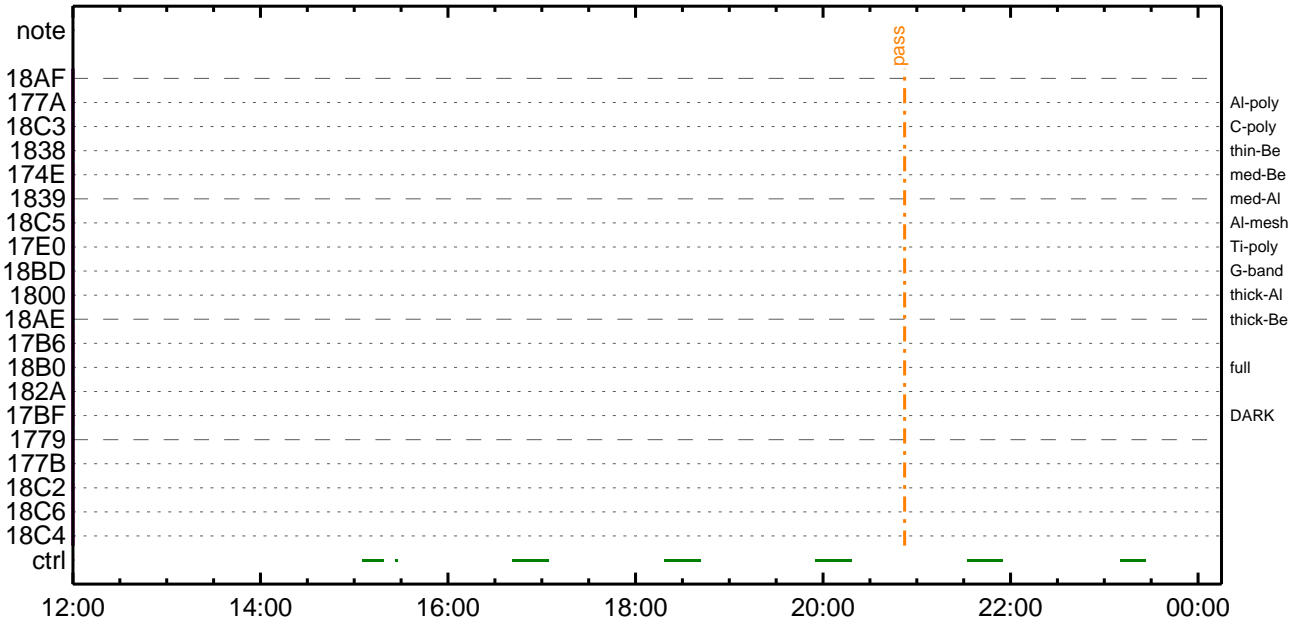
CMDI #0283 2011/11/25



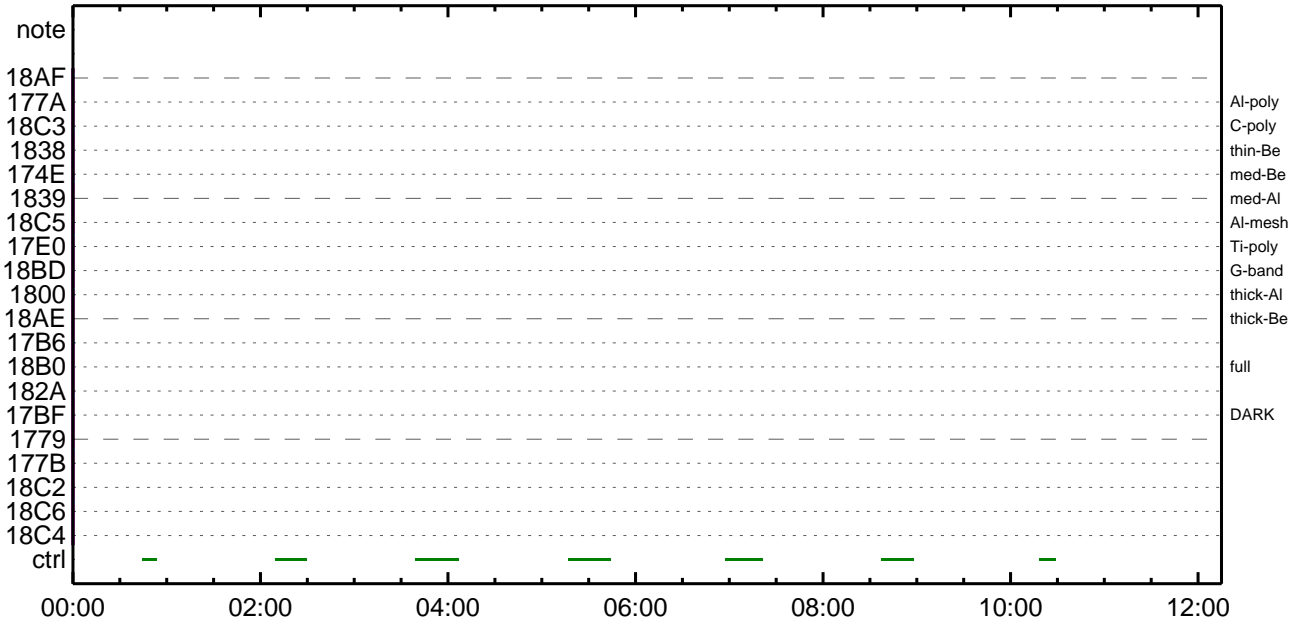
CMDI #0283 2011/11/26



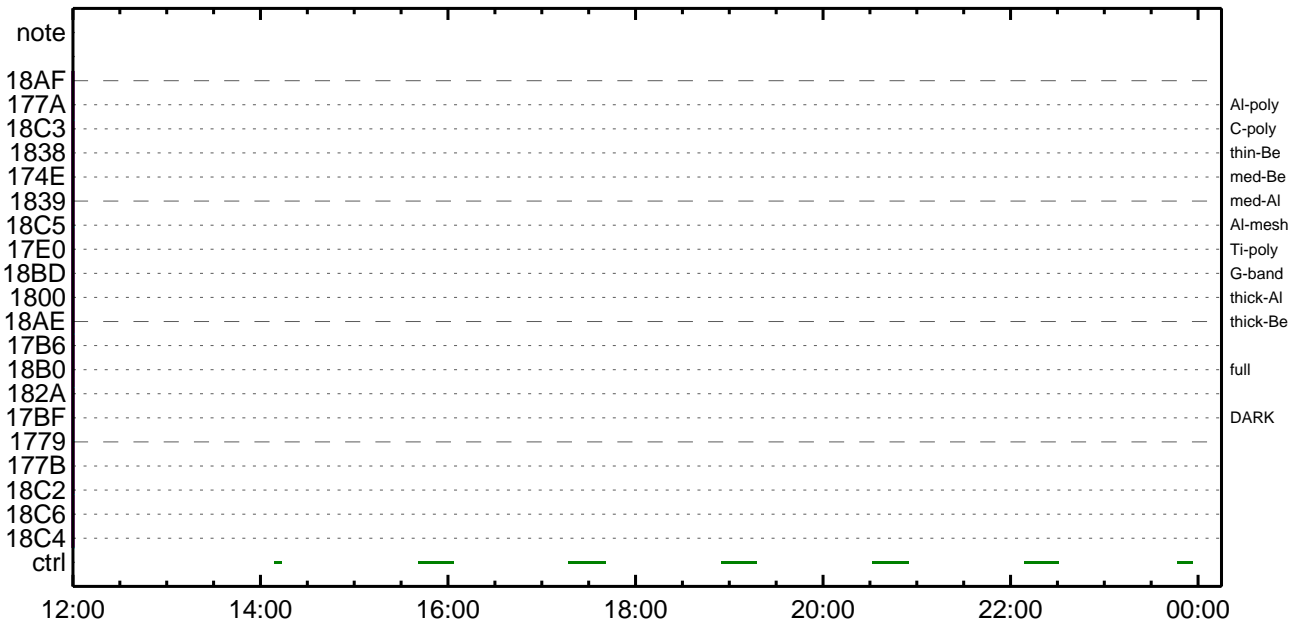
CMDI #0283 2011/11/26



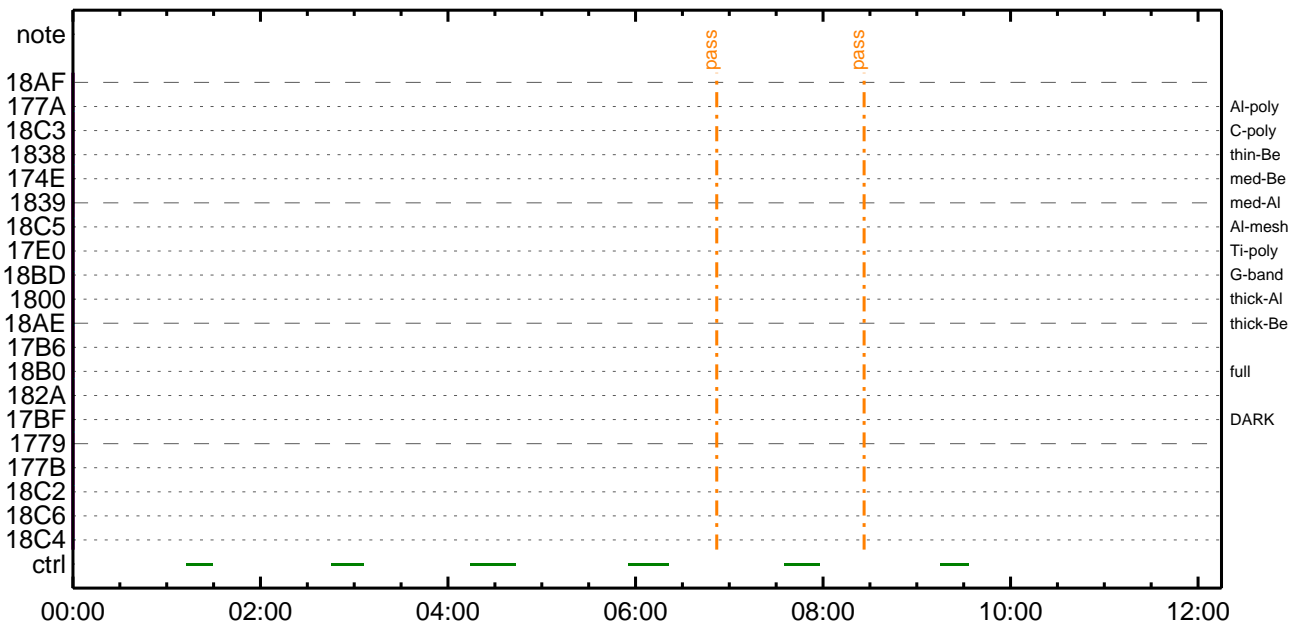
CMDI #0283 2011/11/27



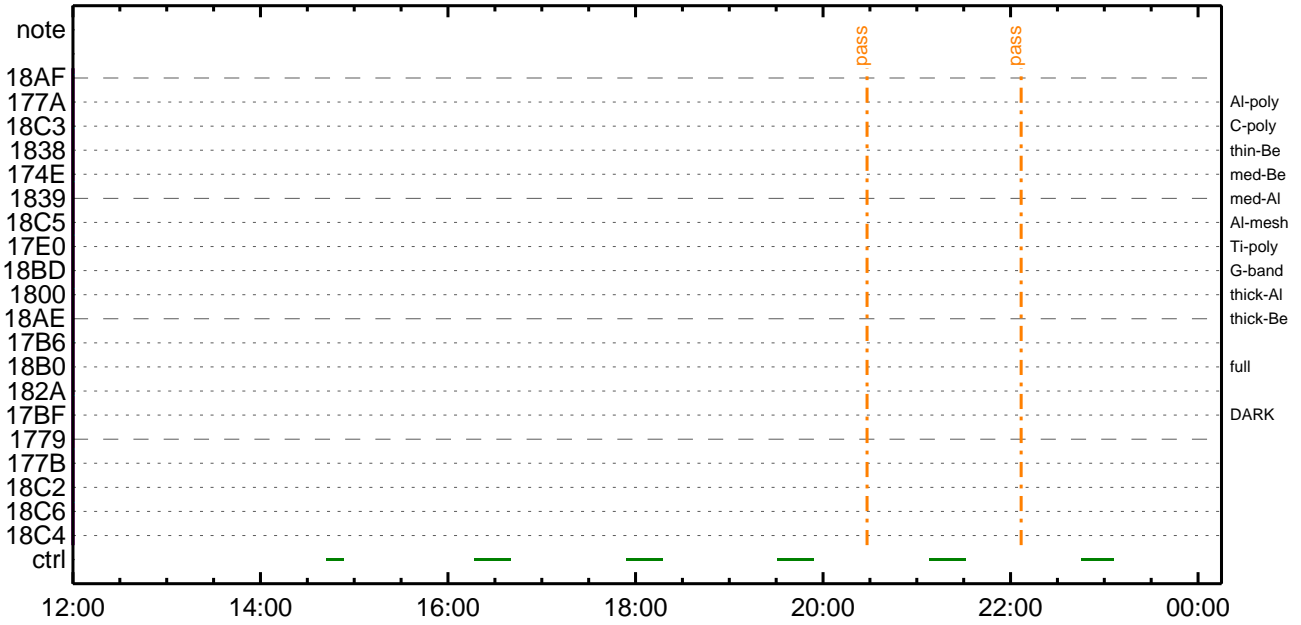
CMDI #0283 2011/11/27



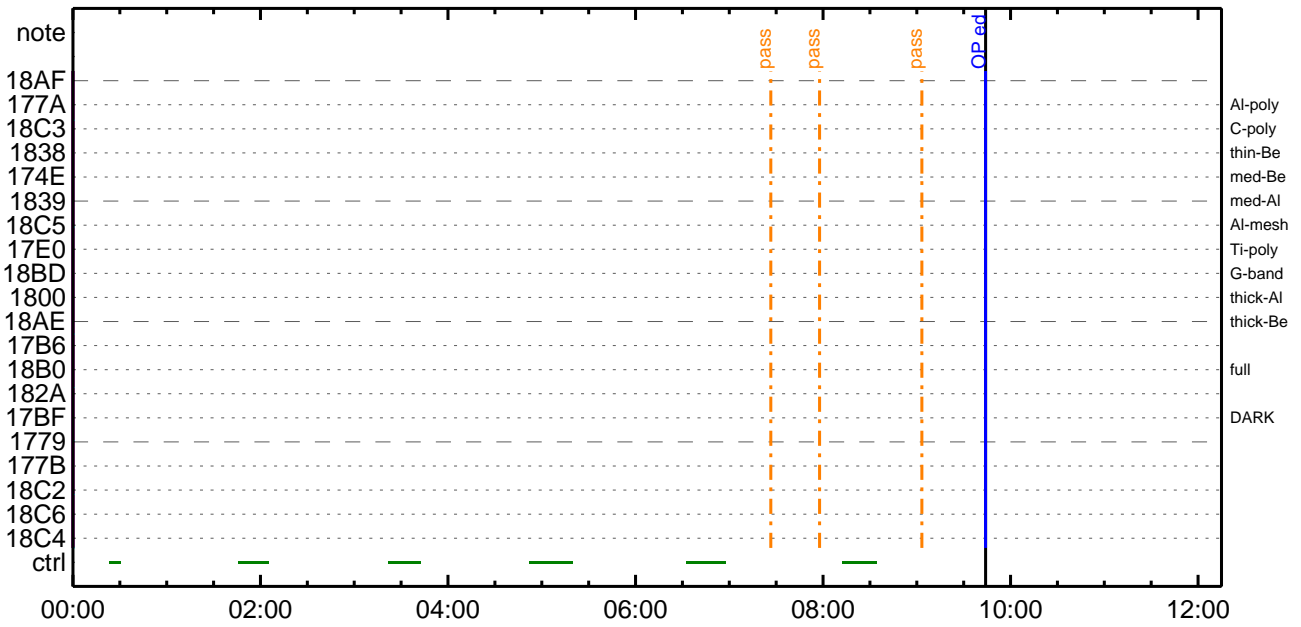
CMDI #0283 2011/11/28



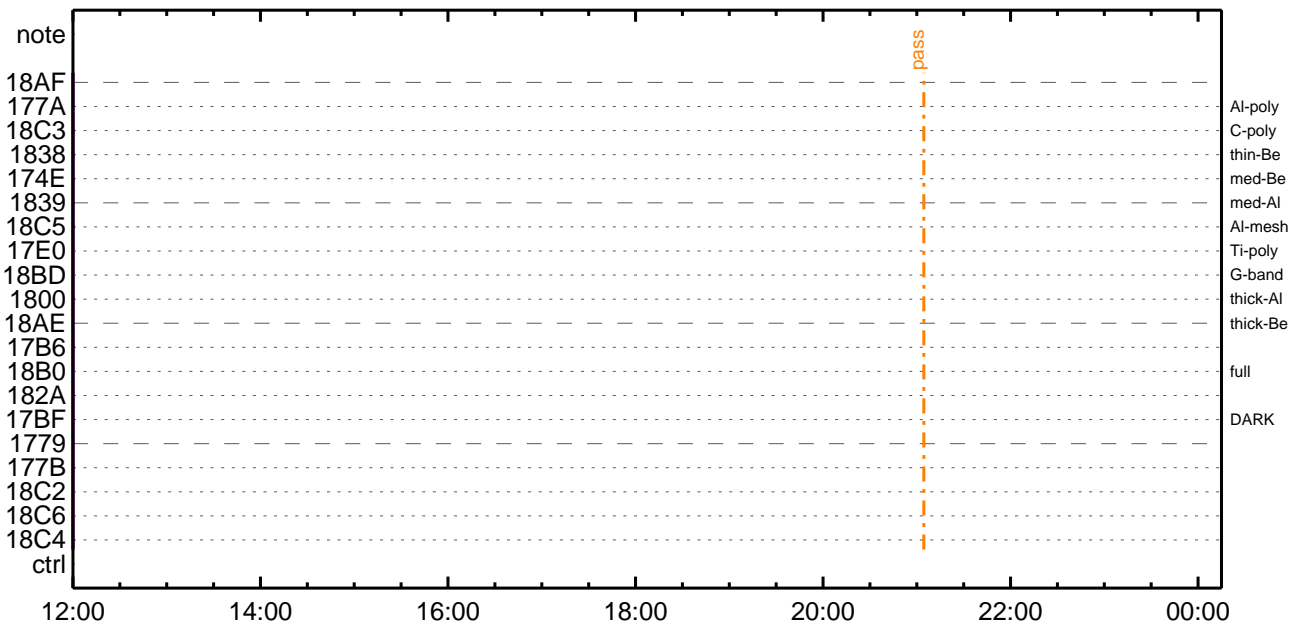
CMDI #0283 2011/11/28



CMDI #0283 2011/11/29



CMDI #0283 2011/11/29




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0096 . C.
0097 . C.
0098 . C. *****
0099 . C. OP/OGY1;Y4E;YAY6Yx
0100 . C. *****
0101 . C.
0102 . C. ;ãOP/OGY1;Y4E;ã
0103 . S. OP op-481:OP
0104 . C. ( )
0105 . S. OG og-481:OG
0106 . C. ( )
0107 . C.
0108 . C. ;ãNMOG&OPfô°eYAY6Yx;ã
0109 . C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 . C. çç[HK1_PKT_FORM_NO] EQ 7
0120 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 . C. YAY6Yx½ªî»ò³îÇ§
0125 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOGñî¼E¹ç.ë²îOKò³îÇ§
0127 . C.
0128 . C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 . C. çç[HK1_PKT_FORM_NO] EQ 7
0139 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 . C. YAY6Yx½ªî»ò³îÇ§
0144 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOGñî¼E¹ç.ë²îOKò³îÇ§
0146 . C.
0147 . C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 . C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 . C. çç[HK1_PKT_FORM_NO] EQ 7
0158 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 . C. YAY6Yx½ªî»ò³îÇ§
0163 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OPñî¼E¹ç.ë²îOKò³îÇ§
0165 . C.
0166 . C. ***** òE²¼òî¼Ã´¶Á°òEÉ-ò°Á÷¿@ (¼âµ-YAY6Yx½ªî»ò³îÇ§°òÁÓÆòÇ¼ª°°òE¼î¹çòÇòâ) *****
0167 . C. DHUYâ;Y4E;E½Y½;Y1;Y4E;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 . C. çç[HK1_PKT_FORM_NO] EQ 2
0171 . C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 . C.
0175 . C. *****
0176 . C. TI-CMD SET (OPOG STOP/COPY/START)
0177 . C. *****
0178 . C.
0179 . C. NOTICE ;§ OPOG UPLOADò-Á÷¿@NGñî¼E¹ç;ç°E²¼òî¼TI-CMDÁ÷¿@ñî¼Á¹Ôò.°òEòòò³òE;f
0180 . C. òEò¿;çSETòEDUMPAîE±°îYNY¹ç¹Ôò|ò³òE;f
0181 . C.
0182 . C. TIY³YpY6YÉòðÁDî¿(UT)
0183 +. TI 2011-11-24 09:51:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 . C.
0187 +. TI 2011-11-24 09:51:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 . C.
0191 +. TI 2011-11-24 09:51:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 . C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-482 2011-11-24 12:11:53 82 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Ä»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿áÀá•µ°E»Í×ÁÇáÍYçYÁY×Yí;¼YÉ;ÉÈ%µ•íÉ;ÈàÈ¼°ÇÔá•á¿¼i¹çáí;çÁ®,ùá¹áèáÈáçÁ+¿®á•áÈáááá³áÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCS_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_ST$1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCS DUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCS_ORB_UPD
0044 . C.
0045 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_MANU
0047 BC (21 02)
0048 . C. Verify EIS in MANUAL mode
0049 . C. Estimated OBSTBL upload time is 18s
0050 C. *****
0051 C. EIS START OBSTBL LOAD
0052 C. *****
0053 . S. RAM ram-820:EIS_OBSTBL
0054 ( )
0055 +. DC 07-FC EIS_DUMP_OBSTBL
0056 BC (07 07 07 00 00 70 00)
0057 C.
0058 C. Execute, after the success of OBSTBL upload.
0059 C. Set EIS TI-commands
0060 +. TI 2011-11-24 09:55:50.0
0061 DC 07-FC EIS_MODE_CHG_ENA
0062 BC (20)
0063 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0064 C. *****
0065 C. EIS END OBSTBL LOAD
0066 C. *****
0067 C.
0068 . C. ***** MDP `ûÁîáî»ó¼YáÈáÐá¹áèDCBC•×²è *****
0069 C. (¼á°íYÓYÁYÈYßYÉYáYçYèáÈ%¼á¼Ä»Ûá¹áè)
0070 . S. DC-BC dcbc-402:DCBC
0071 (MDP_known_event)
0072 C.
0073 C.
0074 . C. ***** YDÝ¹.Ï Daily±¿ÍÑáÈ´Øá¹áèDCBC•×²è *****
0075 . S. DC-BC dcbc-153:DCBC
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077 C.
0078 C.
0079 . C. ;ãLOSÁY$YÁY~¼Ä»Û;ä
0080 C.
0081 . C. ***** LOS *****
0082 C.
```


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*** OP Sequence for XRT ***

2011/11/24	10:05:30.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	10:05:32.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	10:05:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/24	10:06:00.5	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2011/11/24	10:08:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/24	10:18:24.0	XRT_CTRL_MANU_439_OG [0x1b7]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	10:20:56.0	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2011/11/24	10:21:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2011/11/24	10:21:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2011/11/24	10:21:20.0	XRT_AEC_RESET_443_OG [0x1bb]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2011/11/24	10:21:22.0	XRT_ARS_DIS_431_OG [0x1af]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/11/24	10:21:24.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	10:21:26.0	XRT_QT_PROG_SET_403_OG [0x193]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2011/11/24	10:21:28.0	XRT_FL_PROG_SET_414_OG [0x19e]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 03		
2011/11/24	10:21:30.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	15:28:30.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	15:28:32.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	15:28:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/24	15:31:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/24	15:52:00.0	XRT_Custom_418_OG [0x1a2]					
2011/11/24	15:53:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	17:05:00.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	17:05:02.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	17:05:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/24	17:08:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/24	17:28:30.0	XRT_Custom_418_OG [0x1a2]					
2011/11/24	17:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	17:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2011/11/24	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2011/11/24	18:00:16.0	XRT_FLD_DIS_402_OG [0x192]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/11/24	18:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/11/24	18:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/11/24	18:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2011/11/24	18:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	18:09:54.0	XRT_CTRL_MANU_439_OG [0x1b7]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2011/11/24	18:12:26.0	XRT_FOCUS_POSITION_409_OG [0x199]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2011/11/24	18:12:46.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2011/11/24	18:12:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2011/11/24	18:12:50.0	XRT_AEC_RESET_443_OG [0x1bb]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2011/11/24	18:12:52.0	XRT_ARS_DIS_431_OG [0x1af]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/11/24	18:12:54.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	18:12:56.0	XRT_QT_PROG_SET_403_OG [0x193]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2011/11/24	18:12:58.0	XRT_FL_PROG_SET_414_OG [0x19e]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 03		
2011/11/24	18:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	18:42:00.0	XRT_CTRL_MANU_408_OG [0x198]					

2011/11/24	18:42:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	18:42:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	18:45:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/24	19:05:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/24	19:06:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	20:19:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	20:19:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	20:19:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/24	20:22:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/24	20:43:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	20:44:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	21:56:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	21:56:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	21:56:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	21:59:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/24	22:19:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/24	22:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	23:34:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	23:34:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/24	23:34:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/24	23:37:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/24	23:46:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/24	23:47:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/24	23:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/25	00:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/25	00:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	AOCU_NM	5	02-76	01 00 00 00 00		
2011/11/25	00:02:46.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2011/11/25	00:02:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2011/11/25	00:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2011/11/25	00:02:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2011/11/25	00:02:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/11/25	00:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/25	00:02:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2011/11/25	00:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 03		
2011/11/25	01:01:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/25	01:01:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/25	01:01:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2011/11/25	01:04:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2011/11/25	01:17:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2011/11/25	01:18:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/25	02:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2011/11/25	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/25	04:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	00 00 00 00 00		
2011/11/25	04:09:02.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2011/11/25	04:09:22.0	XRT_FLD_DIS_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2011/11/25	04:09:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2011/11/25	04:09:26.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2011/11/25	04:10:41.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2011/11/25	04:10:43.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		

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2011/11/25	05:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/11/25	05:51:02.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/11/25	05:51:22.0	XRT_FLD_DIS_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2011/11/25	05:51:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2011/11/25	05:51:26.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2011/11/25	05:52:41.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/11/25	05:52:43.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2011/11/25	06:29:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/11/25	06:29:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/11/25	06:30:16.0	XRT_FLD_DIS_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2011/11/25	06:30:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2011/11/25	06:30:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2011/11/25	06:32:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/11/25	06:33:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2011/11/25	07:49:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/11/25	07:49:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/11/25	07:50:16.0	XRT_FLD_DIS_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2011/11/25	07:50:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2011/11/25	07:50:20.0	XRT_ARS_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2011/11/25	07:51:35.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/11/25	07:51:37.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2011/11/25	08:29:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/11/25	08:30:00.0	AOCS_ORe-point_Start_1_OG [0x097]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/11/25	08:32:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	AOCU_NM	5	02-76	02 00 00 00 00	
2011/11/25	08:32:46.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2011/11/25	08:32:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2011/11/25	08:32:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2011/11/25	08:32:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2011/11/25	08:32:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2011/11/25	08:32:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/11/25	08:32:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2011/11/25	08:33:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 03	
2011/11/25	09:02:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/11/25	09:02:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/11/25	09:02:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/11/25	09:05:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/11/25	09:21:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/11/25	09:22:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	XRT_Custom_418_OG [0x1a2]	1	07-F0	c0	
2011/11/25	10:45:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/11/25	10:45:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/11/25	10:45:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2011/11/25	10:48:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2011/11/25	10:48:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_CUSTOM_418_OG [0x1a2]	1	07-F0	e9	
2011/11/25	10:49:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2011/11/25	11:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2011/11/25	12:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2011/11/25	12:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	AOCU_NM	5	02-76	00 ae 36 00 cc	
		XRT_FOCUS_POSITION	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	

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2011/11/25	12:02:46.0	XRT_FLD_ENA_435_OG [0x1b3]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/11/25	12:02:48.0	XRT_FLRCTRL_ENA_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/11/25	12:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/11/25	12:02:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/11/25	12:02:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	12:02:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2011/11/25	12:02:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	03			
2011/11/25	12:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	14:30:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	14:30:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	14:30:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/25	14:33:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/25	14:40:00.0	XRT_Custom_418_OG [0x1a2]							
2011/11/25	14:41:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	16:04:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	16:04:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	16:04:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/25	16:07:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/25	16:28:30.0	XRT_Custom_418_OG [0x1a2]							
2011/11/25	16:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	17:41:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	17:41:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	17:41:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/25	17:44:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/25	18:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	18:04:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2011/11/25	18:05:00.5	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2011/11/25	18:05:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/11/25	18:05:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/11/25	18:05:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/11/25	18:07:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2011/11/25	18:08:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	18:14:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	18:15:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2011/11/25	18:17:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2011/11/25	18:17:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/11/25	18:17:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/11/25	18:17:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/11/25	18:17:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/11/25	18:17:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	18:17:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2011/11/25	18:17:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	03			
2011/11/25	18:18:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	19:18:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	19:18:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	19:18:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/25	19:21:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/25	19:42:00.0	XRT_Custom_418_OG [0x1a2]							

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2011/11/25	19:43:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	20:56:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	20:56:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	20:56:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/25	20:59:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/25	21:19:00.0	XRT_Custom_418_OG [0x1a2]							
2011/11/25	21:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	22:33:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/25	22:33:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/25	22:33:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/25	22:36:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/25	22:54:30.0	XRT_Custom_418_OG [0x1a2]							
2011/11/25	22:55:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/25	23:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/26	00:00:00.0	AOCS_Or-e-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2011/11/26	00:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/11/26	00:02:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/11/26	00:02:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/11/26	00:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/11/26	00:02:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/11/26	00:02:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/26	00:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2011/11/26	00:02:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 03				
2011/11/26	00:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/26	00:10:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/26	00:10:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/26	00:10:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/26	00:13:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/26	00:18:30.0	XRT_Custom_418_OG [0x1a2]							
2011/11/26	00:19:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/26	01:34:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/26	01:34:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/26	01:34:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/11/26	01:37:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/11/26	01:53:00.0	XRT_Custom_418_OG [0x1a2]							
2011/11/26	01:54:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/26	01:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/26	02:00:00.0	AOCS_Or-e-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2011/11/26	02:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/11/26	02:02:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/11/26	02:02:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/11/26	02:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/11/26	02:02:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/11/26	02:02:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/11/26	02:02:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2011/11/26	02:02:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 03				
2011/11/26	02:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/11/26	03:09:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/11/26	03:09:32.0	XRT_FLD_RESET_412_OG [0x19c]							

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2011/11/26	03:09:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/11/26	03:12:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/11/26	03:30:00.0	XRT_Custom_418_OG [0x1a2]							
2011/11/26	03:31:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/11/26	04:39:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/11/26	04:39:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/11/26	04:39:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/11/26	04:42:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/11/26	05:07:30.0	XRT_Custom_418_OG [0x1a2]							
2011/11/26	05:08:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/11/26	05:51:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/11/26	05:51:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2011/11/26	05:52:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2011/11/26	05:52:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2011/11/26	05:52:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2011/11/26	05:52:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/11/26	05:54:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2011/11/26	05:55:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/11/26	06:02:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02 00 00 00 00			
2011/11/26	06:02:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/11/26	10:15:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			