

XRT Timeline to be uploaded on 2009/07/11

Period: 2009/07/11 10:32:00 - 2009/07/16 10:03:00

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Normal mode

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XOB #16D3: AR monitor - 1FOV core_9filter - draft													
Term		Pointing (x, y)					Comment						
07/11 11:16:26 - 07/11 12:15:54		Fixed (820.0, -468.0)					# OP start + 10min, observe AR 11024 at W limb, fixed pointing.						
PROG= 07 Inf.-time(s)													
└─ Subr= 1 15-time(s) 2.0sec													
└─ Seqn= 48 4-time(s) 60.0sec													
┌	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	Al-poly/Open	med-Al/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	C-poly/Open	C-poly/Open	close	Safe	Norm	707ms	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	med-Al/Open	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
		Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #16C5: AR monitor - 3FOV core_Q85 around_outre_Q92 - draft													
Term		Pointing (x, y)					Comment						
07/11 12:19:00 - 07/11 17:21:00		Fixed (820.0, -468.0)					# OP start + 10min, observe AR 11024 at W limb, fixed pointing.						
07/11 18:17:00 - 07/12 05:50:54		Fixed (820.0, -468.0)					# Cont.						
07/12 06:04:00 - 07/12 16:20:00		Fixed (820.0, -468.0)					# Cont.						
07/12 17:57:00 - 07/13 03:43:30		Fixed (820.0, -468.0)					# Cont.						
07/14 00:03:00 - 07/14 04:14:00		Fixed (820.0, -468.0)					* Resume looking at over-the-limb AR 11024.						
PROG= 03 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 81 1-time(s) 4.0sec													
┌	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
┌	Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
┌	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	768x768 (1024, 1024)	Q=98	0	0	2.0sec
┌	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	1024x1024 (1024, 1024)	Q=98	0	0	2.0sec
└─ Subr= 2 15-time(s) 2.0sec													
└─ Seqn= 70 4-time(s) 60.0sec													
┌	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
┌	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=85	3	0	2.0sec
└─ Seqn= 79 1-time(s) 4.0sec													
┌	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	768x768 (1024, 1024)	Q=92	2	0	2.0sec
┌	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	768x768 (1024, 1024)	Q=92	2	0	2.0sec
┌	thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	768x768 (1024, 1024)	Q=92	2	0	2.0sec
└─ Seqn= 32 1-time(s) 4.0sec													
┌	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	1024x1024 (1024, 1024)	Q=92	2	0	2.0sec
┌	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	177ms	Obs	4x4	1024x1024 (1024, 1024)	Q=92	2	0	2.0sec
		Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #16D4: Synoptic Q95 2x2 - Al/poly(64/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(128/2048) + G-band(16)													
Term		Pointing (x, y)					Comment						
07/11 18:07:00 - 07/11 18:13:54		Fixed (0.0, 0.0)					synoptic, shifted 4.0 min						
07/12 17:47:00 - 07/12 17:53:54		Fixed (0.0, 0.0)					synoptic, shifted -16.0 min						
07/13 18:01:00 - 07/13 18:19:54		Fixed (0.0, 0.0)					synoptic, shifted -2.0 min						
PROG= 17 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 74 1-time(s) 4.0sec													
┌	Al-poly/Open	Al-poly/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
┌	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 7 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
└─ Seqn= 31 1-time(s) 4.0sec													
┌	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	125ms	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=98	0	0	2.0sec
└─ Seqn= 92 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 #16D5: Synoptic Q95 2x2 - Al/mesh(64/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(128/2048) + G-band(16)												
Term		Pointing (x, y)					Comment					
07/12 05:54:00 - 07/12 06:00:54		Fixed (0.0, 0.0)					synoptic, shifted -9.0 min					
07/13 06:05:00 - 07/13 17:57:54		Fixed (0.0, 0.0)					synoptic, shifted 2.0 min					
07/14 05:30:30 - 07/16 10:03:00		Fixed (0.0, 0.0)					synoptic, shifted -32.5 min					
PROG= 14 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												

Seqn= 95 1-time(s) 4.0sec													
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	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= 7 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
Seqn= 31 1-time(s) 4.0sec													
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	125ms	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=98	0	0	2.0sec
Seqn= 92 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 #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT

Term	Pointing (x, y)	Comment
07/13 18:23:00 - 07/13 20:07:54	Fixed (0.0, 945.0)	# Co-alignment offset, N.

PROG= 13 1-time(s)													
└ Subr= 1 1-time(s) 360.0sec													
└ Seqn= 10 24-time(s) 300.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x1536	(1024, 768)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT

Term	Pointing (x, y)	Comment
07/13 20:11:00 - 07/13 21:53:00	Fixed (-945.0, 0.0)	* Co-alignment offset, E.

PROG= 06 1-time(s)													
└ Subr= 1 1-time(s) 360.0sec													
└ Seqn= 13 15-time(s) 480.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	1536x2048	(1280, 1024)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

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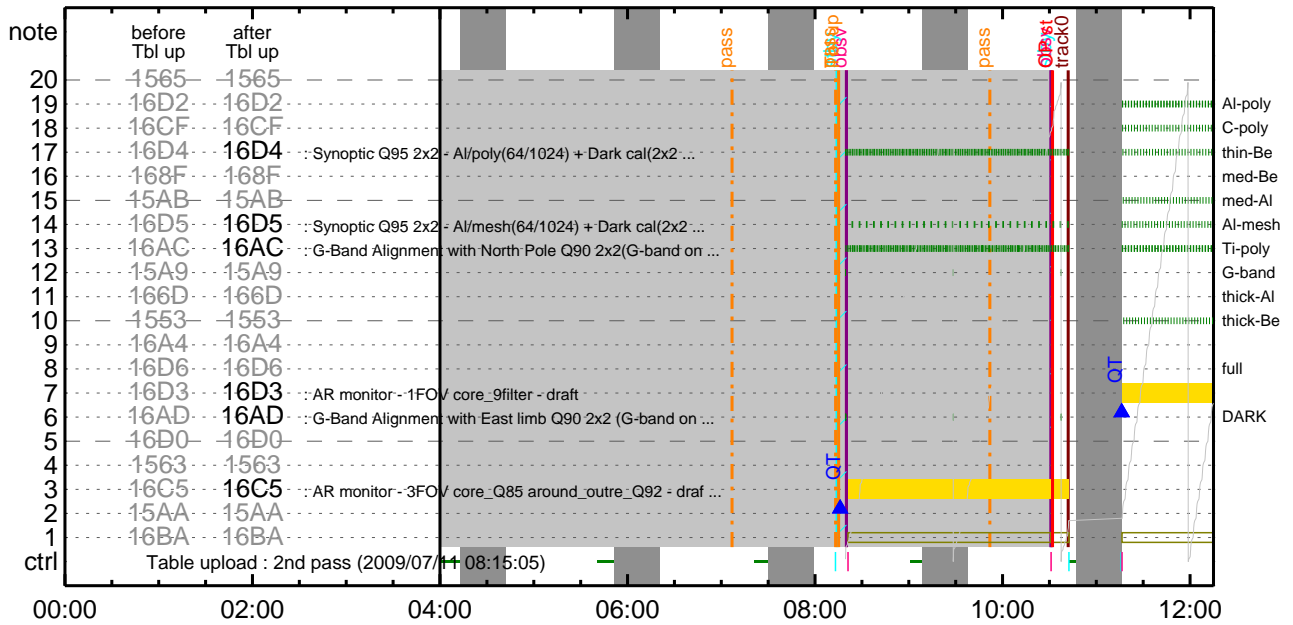
* * * * *
                                Flare mode
                                NOT USED
                                * * * * *

* * * * *
                                Active Region Search
                                NOT USED
                                * * * * *

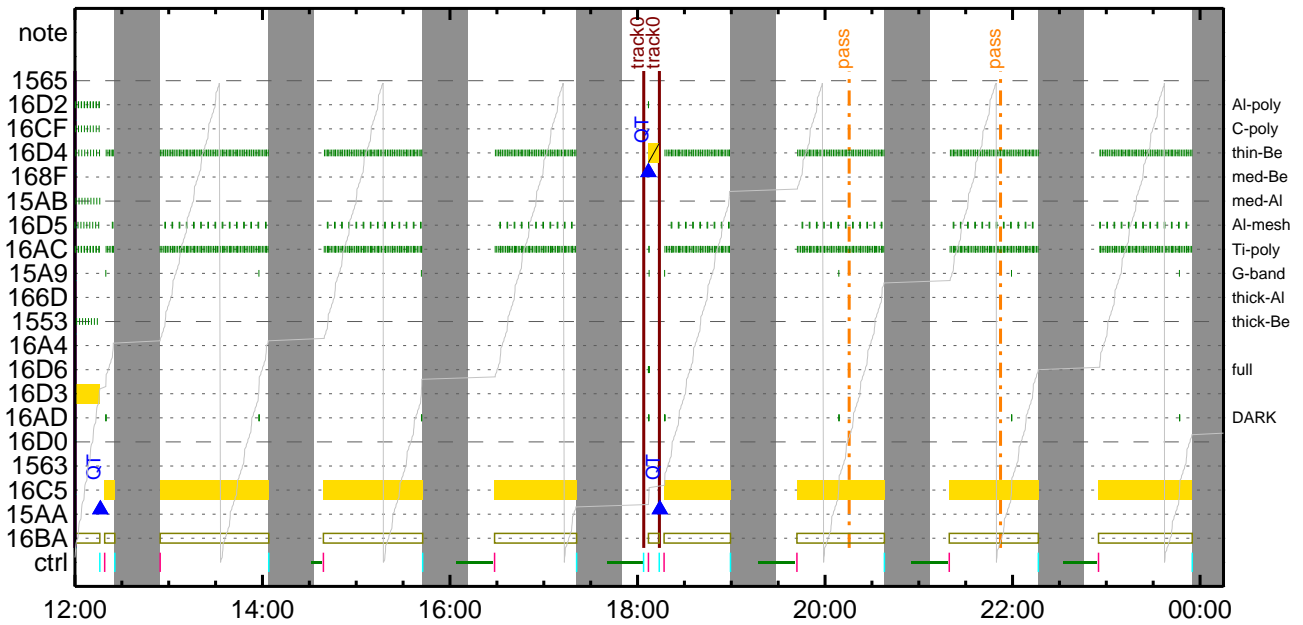
* * * * *
                                Flare Detection
                                NOT USED

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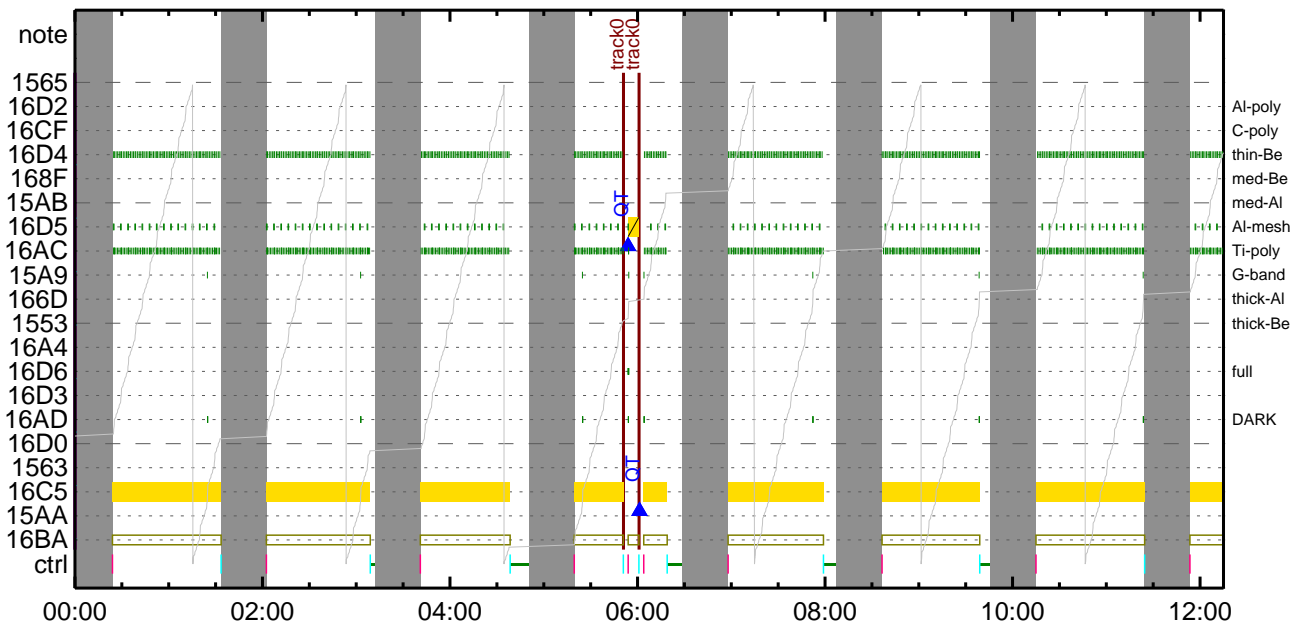
CMDI #0667 2009/07/11



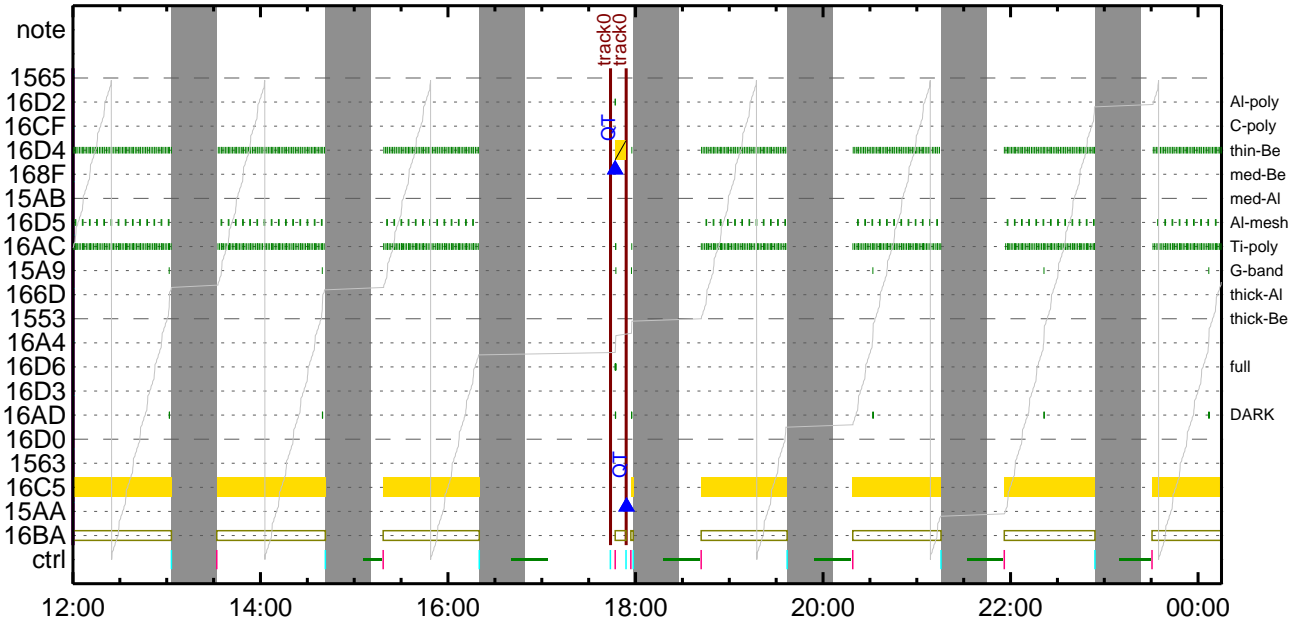
CMDI #0667 2009/07/11



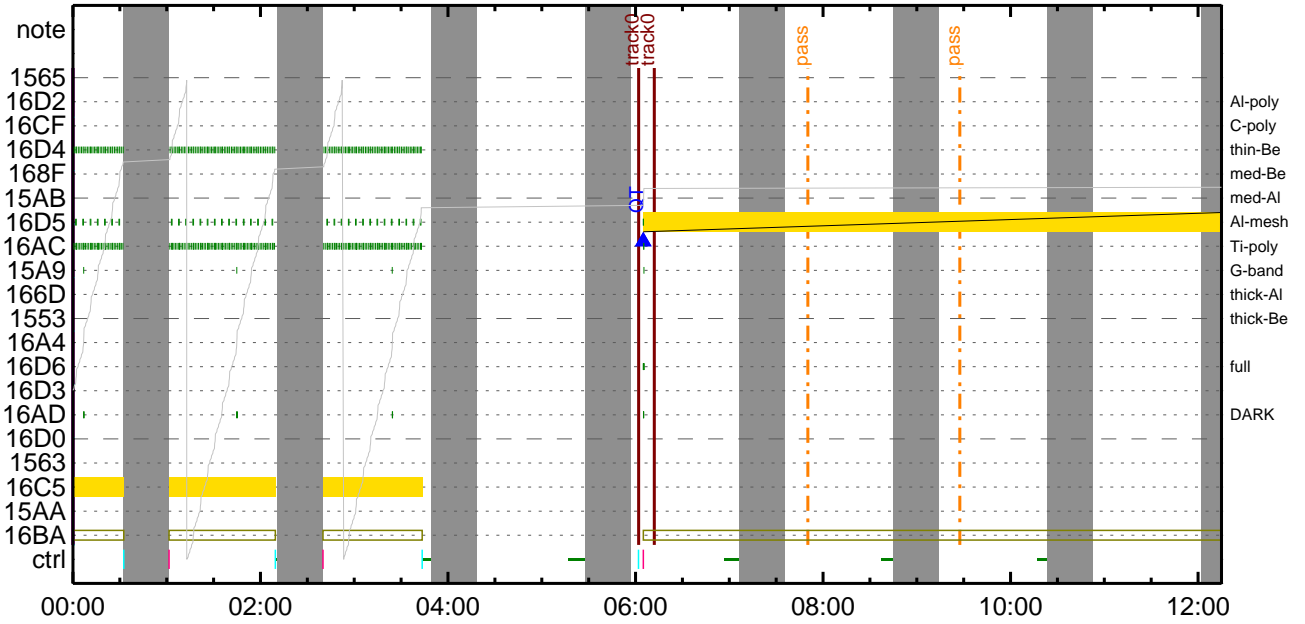
CMDI #0667 2009/07/12



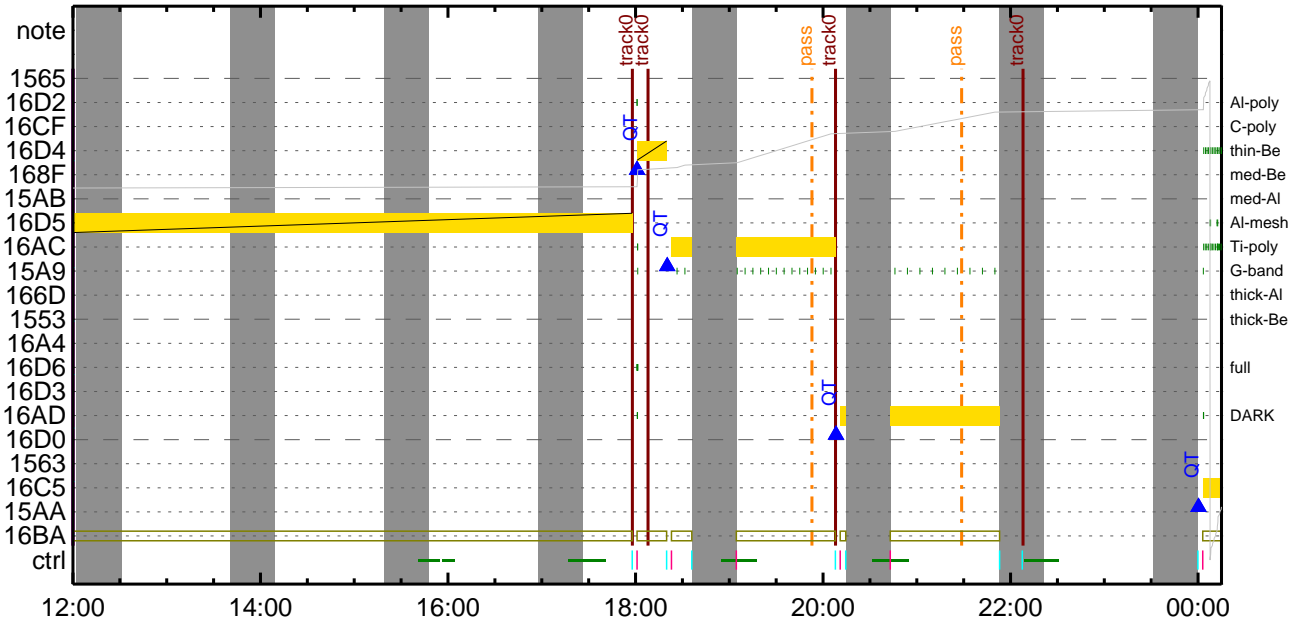
CMDI #0667 2009/07/12



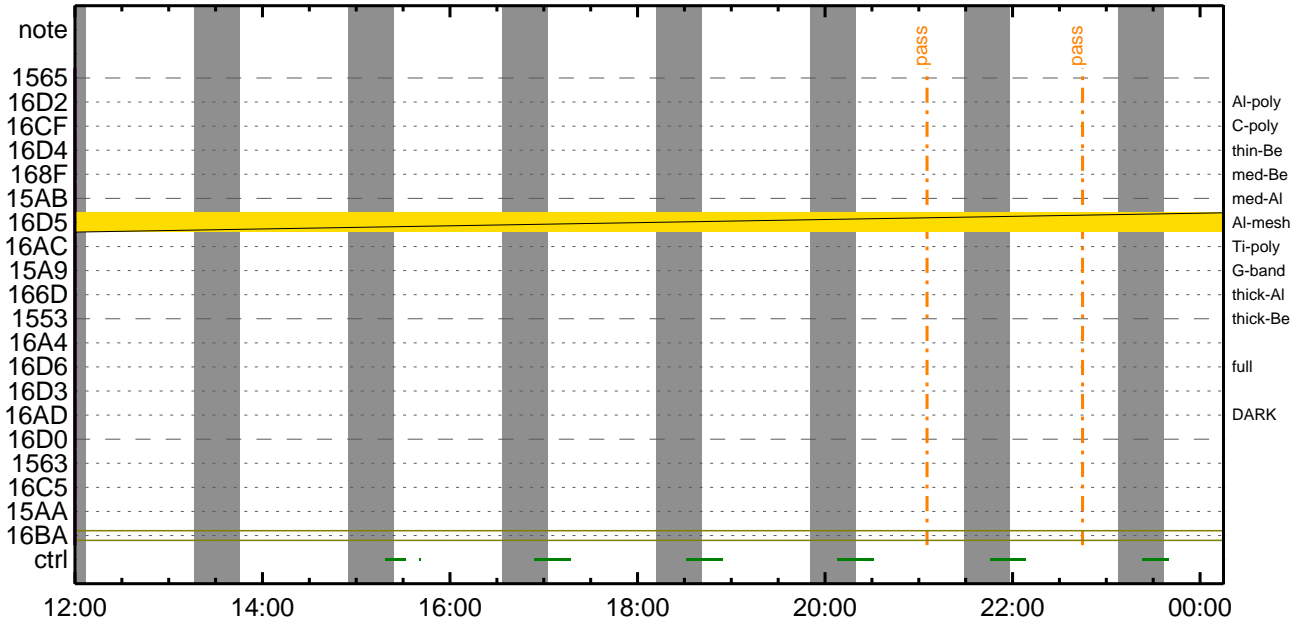
CMDI #0667 2009/07/13



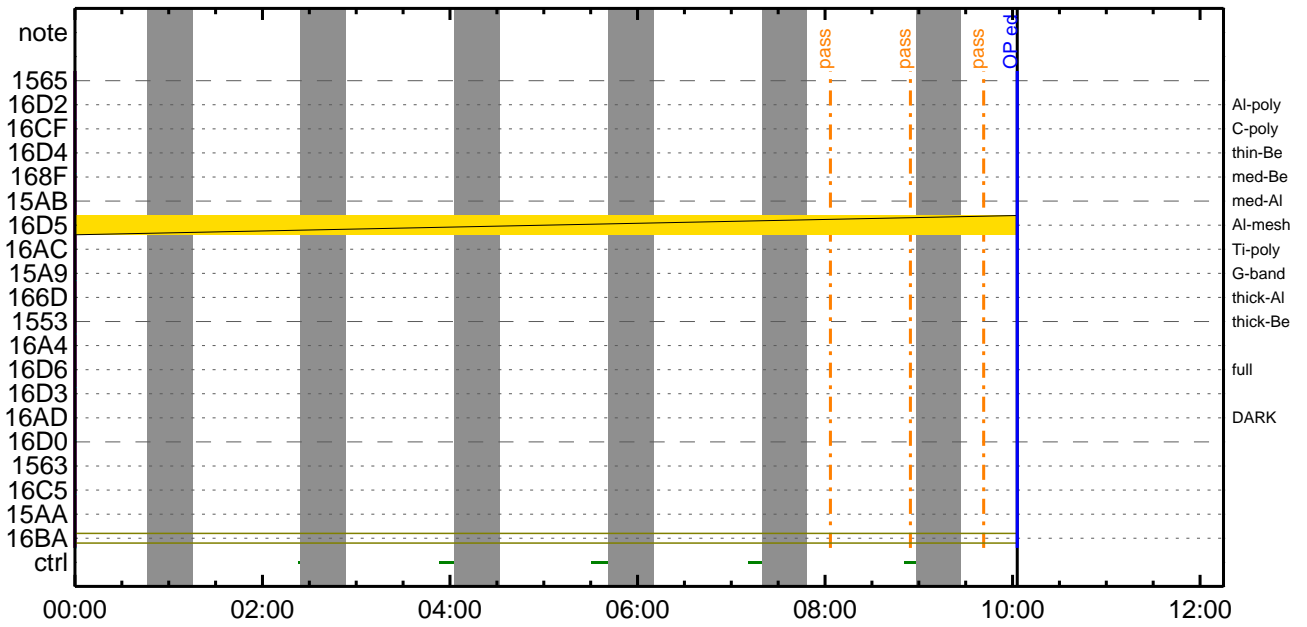
CMDI #0667 2009/07/13



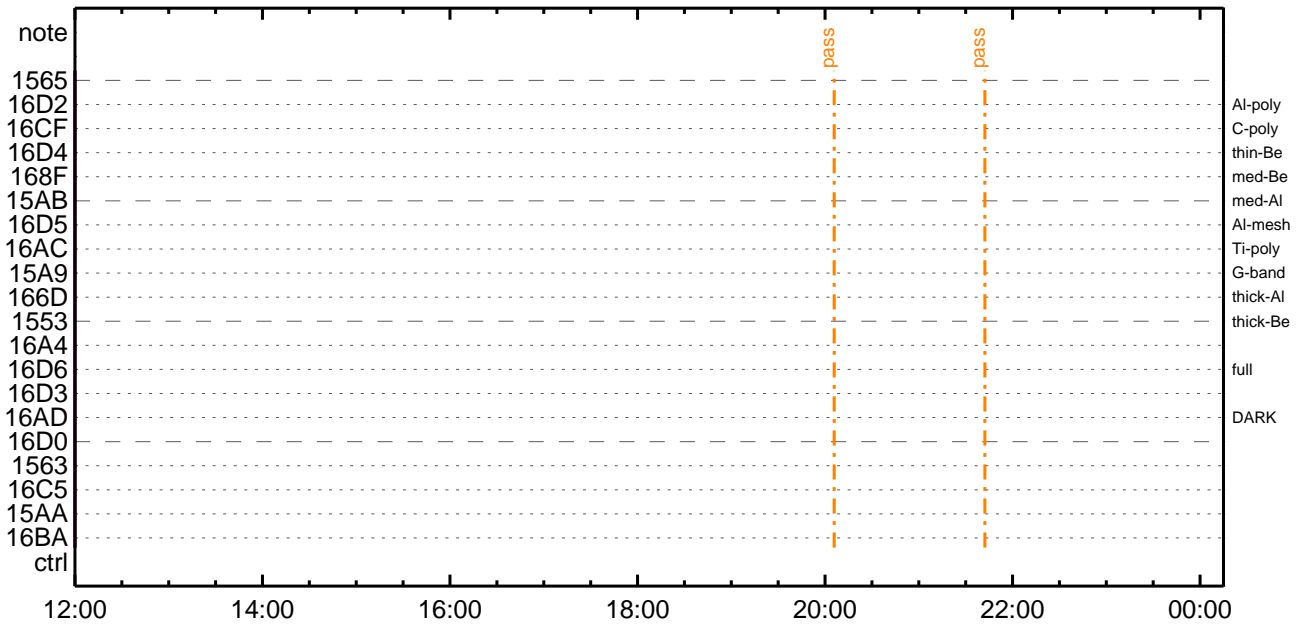
CMDI #0667 2009/07/15



CMDI #0667 2009/07/16



CMDI #0667 2009/07/16




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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;ã
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 STATUS] 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.
0130 C. ***** XRT START *****
0131 C.
0132 +. DC 07-F0 MDP_XRT_CTRL_MANU
0133 BC (c1)
0134 + DC 07-F0 MDP_XRT_MODE_STBY
0135 BC (c3)
0136 . C. ----- Success Verify ? OK / NG____
0137 C.
0138 C. XRT Obs. Table Upload
0139 . S. RAM ram-291:MDP_OBS_X
0140 ( )
0141 C.
0142 +. DC 07-F0 MDP_DUMP_XRTTBL
0143 BC (84 07 00 00 00 3a d4)
0144 . C. ----- Comparison Check ? OK / ERR ____
0145 C.
0146 C.
0147 +. DC 07-F0 MDP_XRT_ROI_SET
0148 BC (cd 01 b1 b1 04 04)
0149 + DC 07-F0 MDP_XRT_ROI_SET
0150 BC (cd 02 b1 b1 08 08)
0151 + DC 07-F0 MDP_XRT_ROI_SET
0152 BC (cd 03 b1 b1 08 08)
0153 + DC 07-F0 MDP_XRT_ROI_SET
0154 BC (cd 04 b1 b1 06 06)
0155 + DC 07-F0 MDP_XRT_ROI_SET
0156 BC (cd 06 80 80 06 06)
0157 + DC 07-F0 MDP_XRT_ROI_SET
0158 BC (cd 07 80 80 0c 0c)
0159 + DC 07-F0 MDP_XRT_ROI_SET
0160 BC (cd 08 80 80 10 10)
0161 + DC 07-F0 MDP_XRT_ROI_SET
0162 BC (cd 09 80 80 20 20)
0163 + DC 07-F0 MDP_XRT_ROI_SET
0164 BC (cd 0a 80 60 20 18)
0165 + DC 07-F0 MDP_XRT_ROI_SET
0166 BC (cd 0b a0 80 18 20)
0167 + DC 07-F0 MDP_XRT_ROI_SET
0168 BC (cd 0f 80 80 04 04)
0169 + DC 07-F0 MDP_XRT_ROI_SET
0170 BC (cd 10 80 80 10 10)
0171 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0172 BC (c4 03)
0173 + DC 07-F0 MDP_XRT_ARS_DIS
0174 BC (d5)
0175 + DC 07-F0 MDP_XRT_FLD_DIS
0176 BC (d9)
0177 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0178 BC (c9)
0179 . C. ----- Success Verify ? OK / NG ____
0180 C.
0181 C.
0182 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0183 C.
0184 +. DC 07-F0 MDP_XRT_MODE_OBSV
0185 BC (c2)
0186 + DC 07-F0 MDP_XRT_CTRL_AUTO
0187 BC (c0)
0188 +. TI 2009-07-11 10:31:02.0
0189 DC 07-F0 MDP_XRT_MODE_OBSV
0190 BC (c2)
0191 +. TI 2009-07-11 10:31:04.0
0192 DC 07-F0 MDP_XRT_CTRL_AUTO
0193 BC (c0)

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Jul 11, 09 12:36

XRT_OGLIST_0667.chk

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*** OP Sequence for XRT ***

2009/07/11	10:42:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	29	99	b7	1b
2009/07/11	10:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	11:15:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	11:15:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/11	11:16:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/11	11:16:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/11	11:16:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/11	11:16:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/11	11:16:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/11	11:16:26.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	12:15:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	12:15:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/11	12:16:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2009/07/11	12:16:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/11	12:16:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/11	12:16:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/11	12:16:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/11	12:19:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	12:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	12:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	14:04:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	14:38:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/11	14:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	15:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	16:27:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/11	16:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	17:21:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	18:03:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	18:03:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/07/11	18:04:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/07/11	18:04:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/11	18:04:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/11	18:04:20.5	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/11	18:06:58.5	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2009/07/11	18:07:00.5	XRT_CTRL_AUTO_440_OG [0x1b8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	18:13:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	18:13:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/11	18:14:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	29	99	b7	1b
2009/07/11	18:14:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2009/07/11	18:14:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/11	18:14:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/11	18:14:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/11	18:14:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/11	18:17:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	18:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	19:41:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/11	19:42:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2009/07/11	20:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	21:18:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/11	21:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	22:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/11	22:54:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/11	22:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/11	23:55:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	00:24:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	01:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	02:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	03:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	03:41:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	04:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	05:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	05:50:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	05:50:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/12	05:51:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/07/12	05:51:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/12	05:51:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/12	05:51:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/12	05:53:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/07/12	05:54:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	06:00:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	06:00:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/07/12	06:01:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 29 99 b7 1b				
2009/07/12	06:01:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/07/12	06:01:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/12	06:01:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/12	06:01:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/12	06:01:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/12	06:04:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	06:19:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	06:58:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	07:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	08:36:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	09:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	10:15:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	11:24:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	11:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	13:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	13:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	14:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	15:17:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/12	15:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	16:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	17:43:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	17:43:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/12	17:44:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				

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2009/07/12	17:44:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/12	17:44:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/12	17:44:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/12	17:46:58.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2009/07/12	17:47:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	17:53:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	17:53:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/07/12	17:54:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 29 99 b7 1b				
2009/07/12	17:54:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/07/12	17:54:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/07/12	17:54:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/12	17:54:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/12	17:54:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/12	17:57:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	17:58:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	18:41:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/12	18:42:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	19:37:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	20:18:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/12	20:19:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	21:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	21:55:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/12	21:56:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/12	22:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/12	23:29:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/12	23:30:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/13	00:32:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/13	01:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/13	02:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/13	02:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/13	03:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/13	06:01:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/13	06:01:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/13	06:02:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/07/13	06:02:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/13	06:02:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/13	06:02:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/13	06:04:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/07/13	06:05:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/13	06:12:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 29 99 b7 1b				
2009/07/13	17:57:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/13	17:57:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/07/13	17:58:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/07/13	17:58:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/13	17:58:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/13	17:58:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/13	18:00:58.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2009/07/13	18:01:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/13	18:08:00.0	AOCS_Ore-point_Start_3_OG [0x099]							

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2009/07/13	18:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	AOCU_NM	5	02-76	00	ac	00	00	00
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2009/07/13	18:19:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/13	18:20:16.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		0d	
2009/07/13	18:20:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/07/13	18:20:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/07/13	18:20:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/07/13	18:23:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/13	18:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/13	19:04:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/13	20:07:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/13	20:07:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/13	20:08:00.0	AOCS_Or-e-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00	00	54	00
2009/07/13	20:08:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		06	
2009/07/13	20:08:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/07/13	20:08:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/07/13	20:08:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/07/13	20:11:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/13	20:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/13	20:43:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/13	21:53:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/13	22:07:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/13	22:08:00.0	AOCS_Or-e-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	29	99	b7	1b
2009/07/13	23:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/13	23:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/14	00:00:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		03	
2009/07/14	00:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0		d0			
2009/07/14	00:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/07/14	00:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/07/14	00:00:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/07/14	00:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/14	01:10:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/14	01:38:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/14	02:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/14	03:17:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/14	04:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/14	05:27:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/07/14	05:27:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/07/14	05:27:30.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00
2009/07/14	05:27:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/07/14	05:27:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/07/14	05:27:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/07/14	05:30:28.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0		c4		0e	
2009/07/14	05:30:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/07/14	05:37:30.0	AOCS_Or-e-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	29	99	b7	1b
2009/07/14	05:40:00.0	XRT_FOCUS_RECALIBRATE_402_OG [0x192]	XRT_FOCUS_RECAL	2	07-F8		78		00	
2009/07/14	09:51:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00