

XRT Timeline to be uploaded on 2009/05/26

Period: 2009/05/26 10:19:00 - 2009/05/30 11:10:00

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Normal mode

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XOB #1694: Al/poly(384x384) Q95-AEC4(8192ms)-1min cadence												
Term	Pointing (x, y)							Comment				
05/26 10:32:02 - 05/26 11:41:00	Track (-100.9, -542.4) ^{Ⓢ 05/26 10:29:00}	# OP start + 10min & HOP 71										
05/27 08:28:02 - 05/27 11:59:54	Track (50.5, -543.7) ^{Ⓢ 05/27 08:25:00}	HOP 71										
05/28 08:28:30 - 05/28 10:05:54	Track (213.6, -545.7) ^{Ⓢ 05/28 08:25:00}	HOP 71										
PROG= 18 Inf.-time(s)												
└─ Subr= 1 1-time(s) 60.0sec												
└─ Seqn= 57 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	4	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
XOB #1680: CH- Al/poly - Ti/poly - 1min cadence												
Term	Pointing (x, y)							Comment				
05/26 12:09:00 - 05/26 17:59:54	Track (66.7, 420.2) ^{Ⓢ 05/26 12:00:00}	CH study										
05/27 06:30:30 - 05/27 08:24:54	Track (213.9, 418.2) ^{Ⓢ 05/27 06:27:30}	CH study										
PROG= 13 Inf.-time(s)												
└─ Subr= 1 1-time(s) 60.0sec												
└─ Seqn= 84 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs 1x1	384x512 (1024, 1024)	Q=98	2	0	25.0sec
	C-poly/Open	C-poly/thick-Al	close	Safe	Norm	22.6s	Obs 1x1	384x512 (1024, 1024)	Q=98	2	0	25.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
XOB #16A1: Synoptic Q95 2x2 - Al/poly(128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(181/2048) + G-band(16)												
Term	Pointing (x, y)							Comment				
05/26 18:03:00 - 05/26 18:09:54	Fixed (0.0, 0.0)	synoptic										
05/27 18:00:30 - 05/27 21:59:54	Fixed (0.0, 0.0)	synoptic, shifted -2.5 min										
PROG= 15 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 24 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	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= 71 1-time(s) 4.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	177ms	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				
05/26 18:13:00 - 05/26 19:53:30	Fixed (0.0, 945.0)	North Pole co-alignment test										
PROG= 04 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				
05/26 20:22:30 - 05/26 21:32:00	Fixed (-945.0, 0.0)	East limb co-alignment test										
05/26 22:11:00 - 05/26 23:00:30	Fixed (0.0, 0.0)	Sensitivity test, fixed pointing										
PROG= 17 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	
XOB #168F: twilight monitor 384x384												
Term	Pointing (x, y)							Comment				
05/26 23:03:38 - 05/26 23:48:30	Fixed (0.0, 0.0)	Sensitivity test, fixed pointing										
PROG= 12 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─ Seqn= 35 1-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16.0s	Obs 1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #16A4: Synoptic 9 Filter- 2x2 Q98 Shorter exp

Term	Pointing (x, y)	Comment
05/26 23:51:36 - 05/27 00:49:00	Fixed (0.0, 0.0)	Sensitivity test, fixed pointing
05/27 01:17:00 - 05/27 06:17:24	Track (0.0, 0.0) @ 05/27 00:10:00	Sensitivity test, tracking
PROG= 05 1-time(s)		
└─ Subr= 1 1-time(s) 180.0sec		
└─ Seqn= 38 1-time(s) 25.0sec		
└─ Open/Al-mesh Open/Al-mesh close	Safe Norm 125ms	Obs 2x2 2048x2048 (1024, 1024) Q=98 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= 5 1-time(s) 25.0sec		
└─ Open/Ti-poly Open/Ti-poly close	Safe Norm 250ms	Obs 2x2 2048x2048 (1024, 1024) Q=98 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= 59 1-time(s) 25.0sec		
└─ Al-poly/Open Al-poly/Open close	Safe Norm 125ms	Obs 2x2 2048x2048 (1024, 1024) Q=98 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= 2 1-time(s) 25.0sec		
└─ C-poly/Open C-poly/Open close	Safe Norm 250ms	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ C-poly/Open C-poly/Open close	Safe Norm 5.66s	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ Seqn= 77 1-time(s) 25.0sec		
└─ Al-poly/Ti-poly Al-poly/thick-Al close	Safe Norm 2.00s	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ Seqn= 67 1-time(s) 4.0sec		
└─ thin-Be/Open thin-Be/Open close	Safe Norm 11.3s	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ Subr= 2 1-time(s) 360.0sec		
└─ Seqn= 20 1-time(s) 4.0sec		
└─ med-Al/Open med-Al/Open close	Safe Norm 64.0s	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ Seqn= 45 1-time(s) 4.0sec		
└─ Open/thick-Be Open/thick-Be close	Safe Norm 64.0s	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ Seqn= 50 1-time(s) 4.0sec		
└─ Open/Al-mesh Open/Al-mesh close	Safe Dark 250ms	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ Seqn= 92 1-time(s) 4.0sec		
└─ Open/G-band Open/G-band open	Safe Norm 16ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin	ROI: size (center) Comp. AEC Buffer Interval

XOB #166B: Synoptic Q95 2x2 - Al/mesh(256/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(512/4096) + G-band(16)

Term	Pointing (x, y)	Comment
05/27 06:20:30 - 05/27 06:27:24	Fixed (0.0, 0.0)	synoptic, shifted 17.5 min
05/28 05:45:30 - 05/28 05:52:24	Fixed (0.0, 0.0)	synoptic, shifted -17.5 min
PROG= 11 1-time(s)		
└─ Subr= 1 1-time(s) 12.0sec		
└─ Seqn= 85 1-time(s) 4.0sec		
└─ Open/Al-mesh Open/Al-mesh close	Safe Norm 250ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
└─ Open/Al-mesh Open/Al-mesh close	Safe Norm 2.00s	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= 33 1-time(s) 4.0sec		
└─ Open/Ti-poly Open/Ti-poly close	Safe Norm 500ms	Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
└─ Open/Ti-poly Open/Ti-poly close	Safe Norm 4.00s	Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
└─ Seqn= 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 #16B6: AR-dynamics -384x384 - C/poly -Thin-Be -AEC 1 - 1 min - Q95

Term	Pointing (x, y)	Comment
05/27 12:03:02 - 05/27 17:57:24	Track (106.0, -494.3) @ 05/27 12:00:00	Bright region
PROG= 19 Inf.-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 83 1-time(s) 60.0sec		
└─ C-poly/Open C-poly/thick-Al close	Safe Norm 4.00s	Obs 1x1 384x384 (1024, 1024) Q=95 1 0 25.0sec
└─ thin-Be/Open thin-Be/thick-Al close	Safe Norm 16.0s	Obs 1x1 384x384 (1024, 1024) Q=95 1 0 25.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin	ROI: size (center) Comp. AEC Buffer Interval

XOB #15E5: G-Band Q90 2x2 FFI for Co-align. data and Al/Poly - C/Poly

Term	Pointing (x, y)	Comment
05/27 22:03:00 - 05/27 22:09:30	Fixed (-909.0, -264.0)	HOP 79 EW scan (1st)
05/27 22:47:01 - 05/27 23:29:54	Fixed (-734.0, -258.0)	HOP 79 EW scan (2nd)
05/27 23:33:00 - 05/27 23:48:00	Fixed (-553.0, -254.0)	HOP 79 EW scan (3rd)
05/28 00:16:00 - 05/28 00:59:54	Fixed (-367.0, -252.0)	HOP 79 EW scan (4th)
05/28 01:03:00 - 05/28 01:26:30	Fixed (-177.0, -251.0)	
05/28 01:54:30 - 05/28 02:29:54	Fixed (17.0, -251.0)	
05/28 02:33:00 - 05/28 03:00:30	Fixed (177.0, -251.0)	
05/28 03:33:00 - 05/28 03:59:54	Fixed (367.0, -252.0)	
05/28 04:03:00 - 05/28 04:29:30	Fixed (553.0, -254.0)	
05/28 05:11:30 - 05/28 05:42:24	Fixed (734.0, -258.0)	

PROG= 20		2-time(s)													
Subr=	1	1-time(s)		120.0sec											
Seqn=	54	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
Subr=	2	1-time(s)		2.0sec											
Seqn=	100	6-time(s)		120.0sec											
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384	(1024, 1024)	Q=90	0	0	2.0sec
		C-poly/Open	C-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384	(1024, 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

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NOT USED

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Active Region Search

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NOT USED

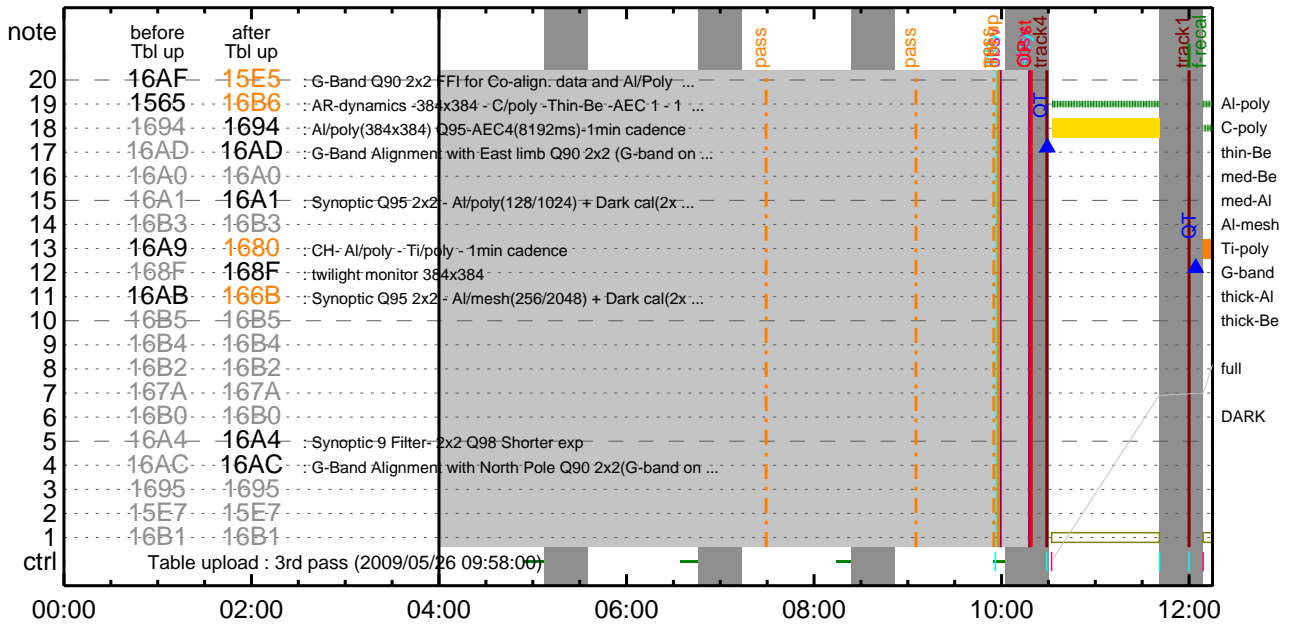
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Flare Detection

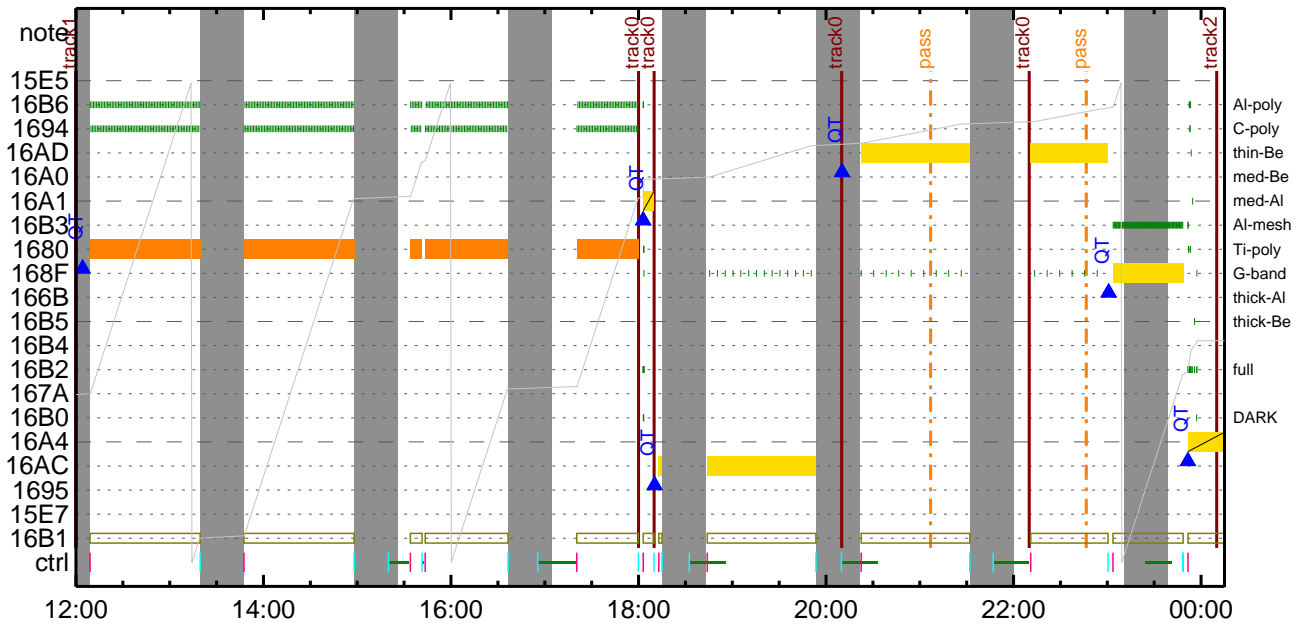
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NOT USED

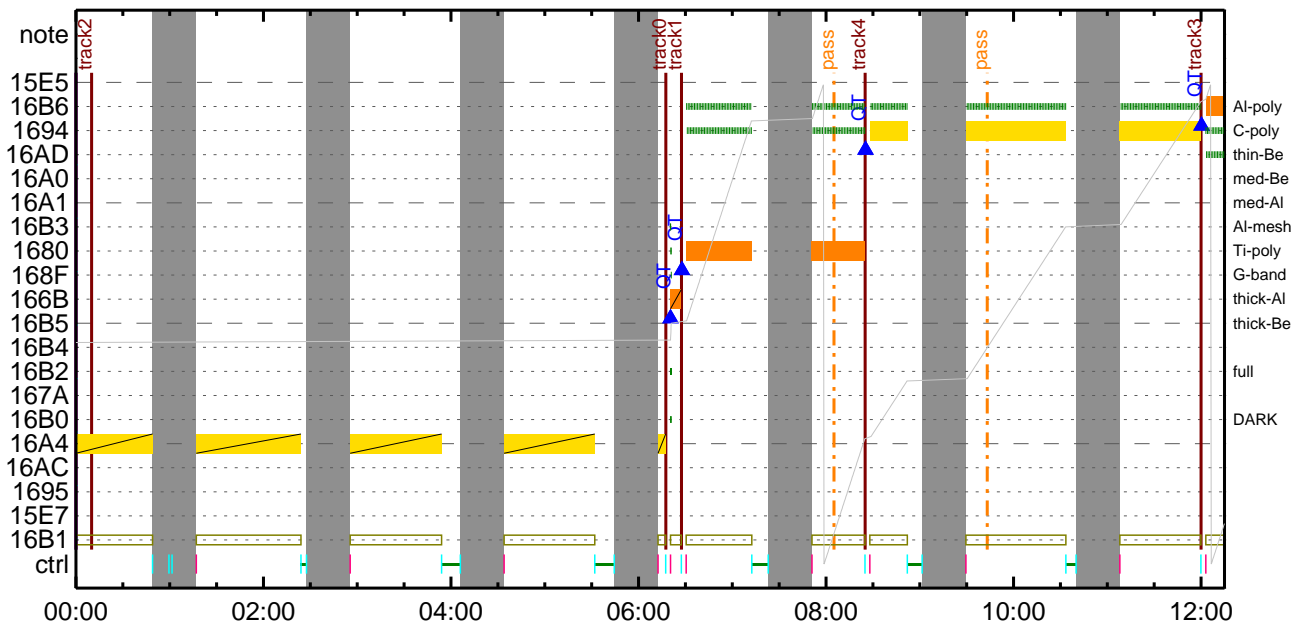
CMDI #0581 2009/05/26



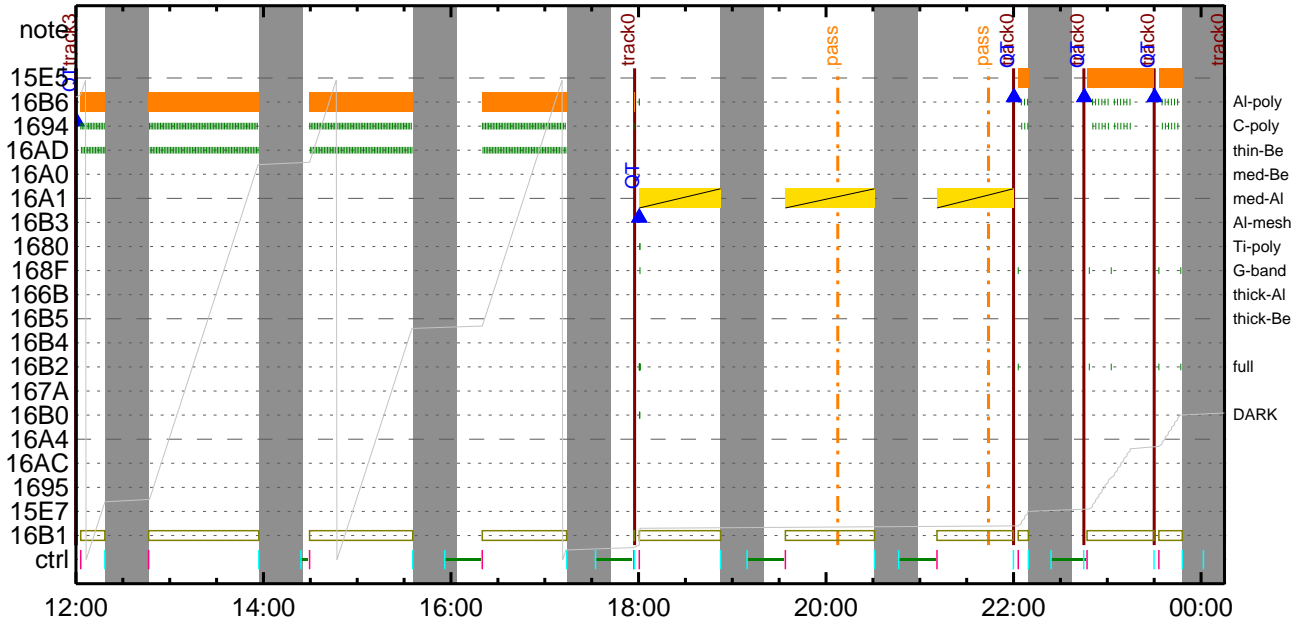
CMDI #0581 2009/05/26



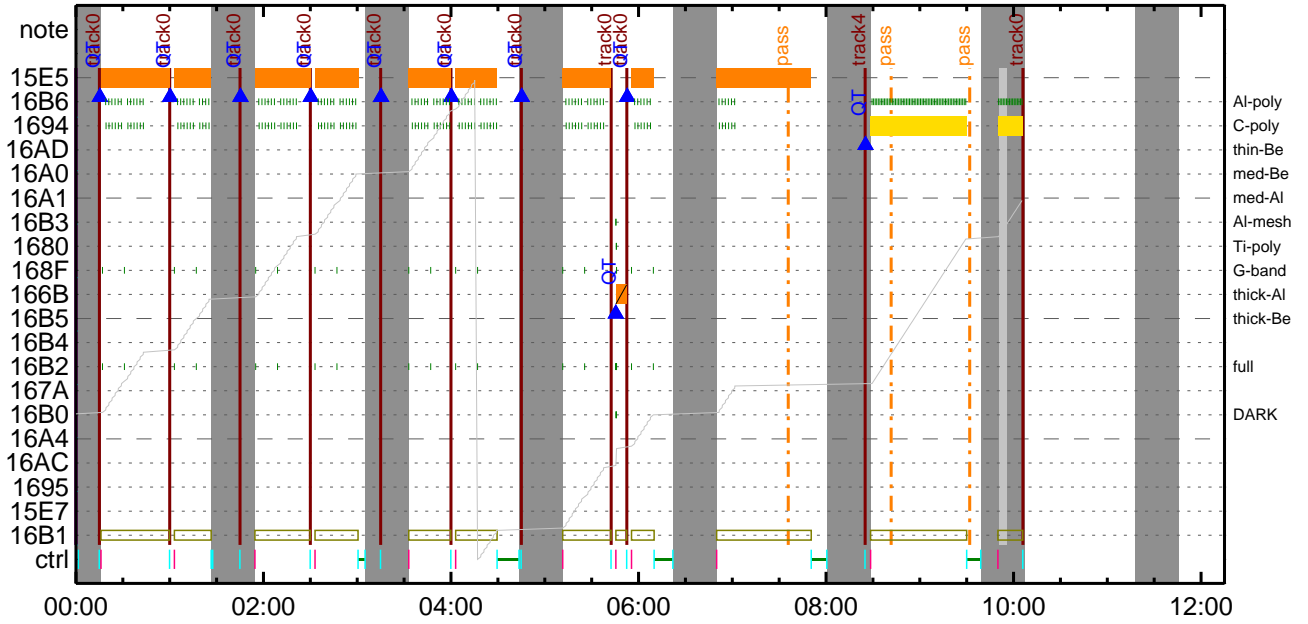
CMDI #0581 2009/05/27



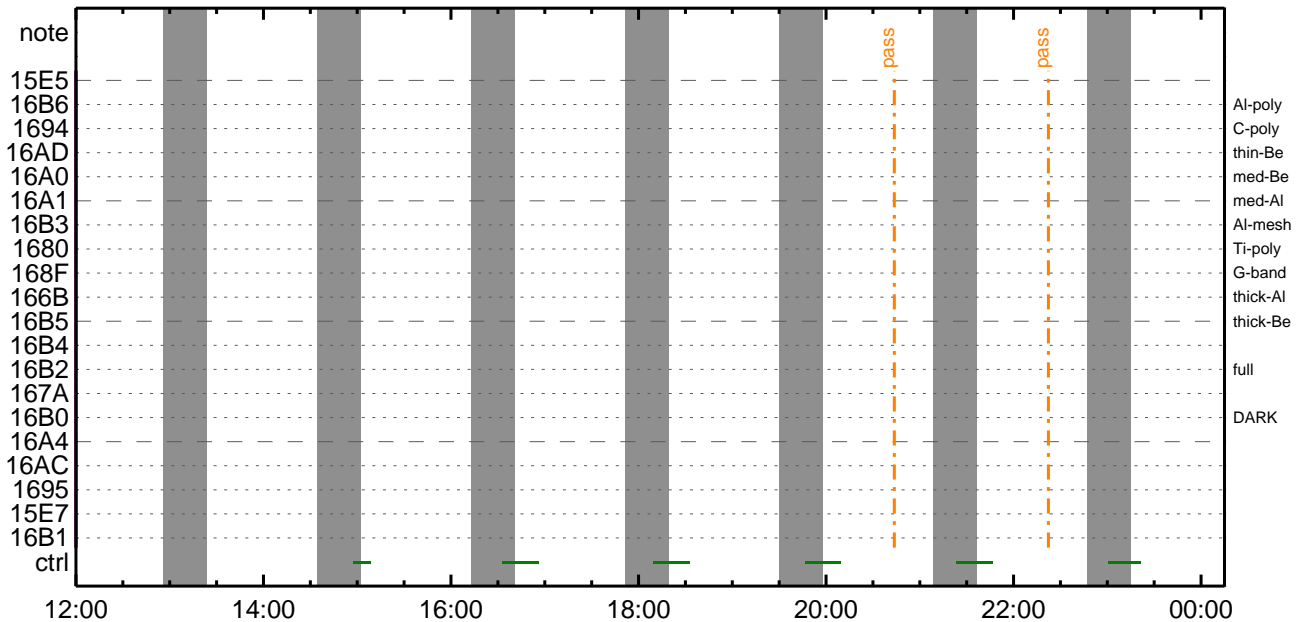
CMDI #0581 2009/05/27



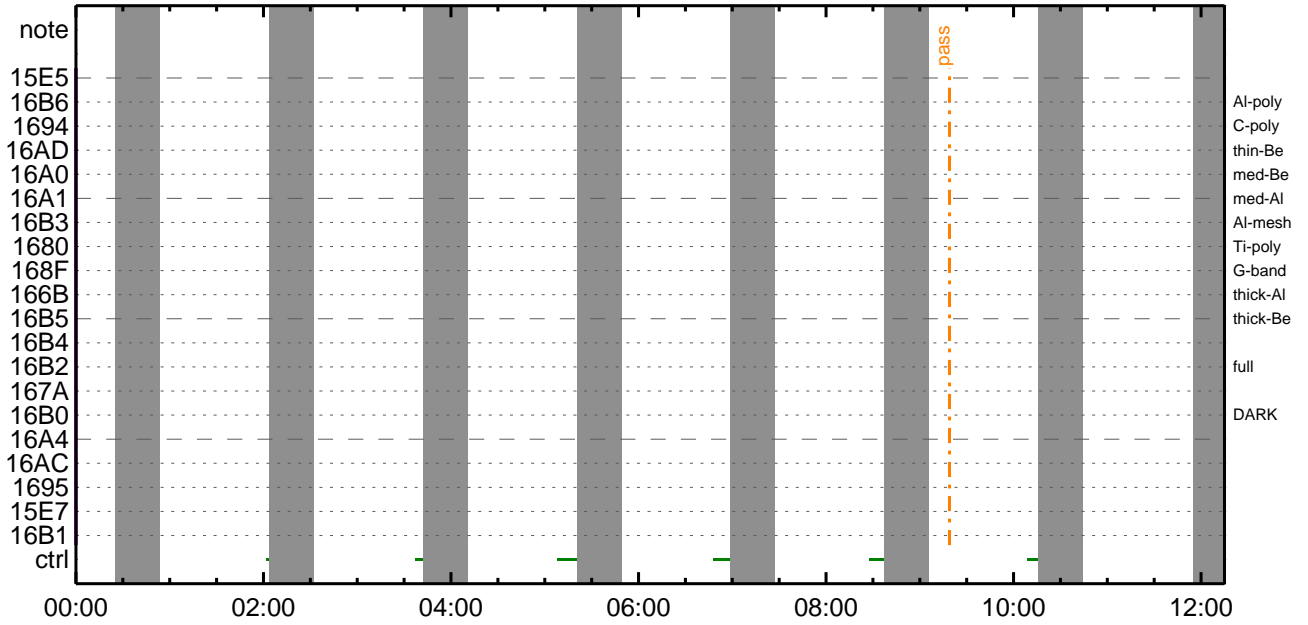
CMDI #0581 2009/05/28



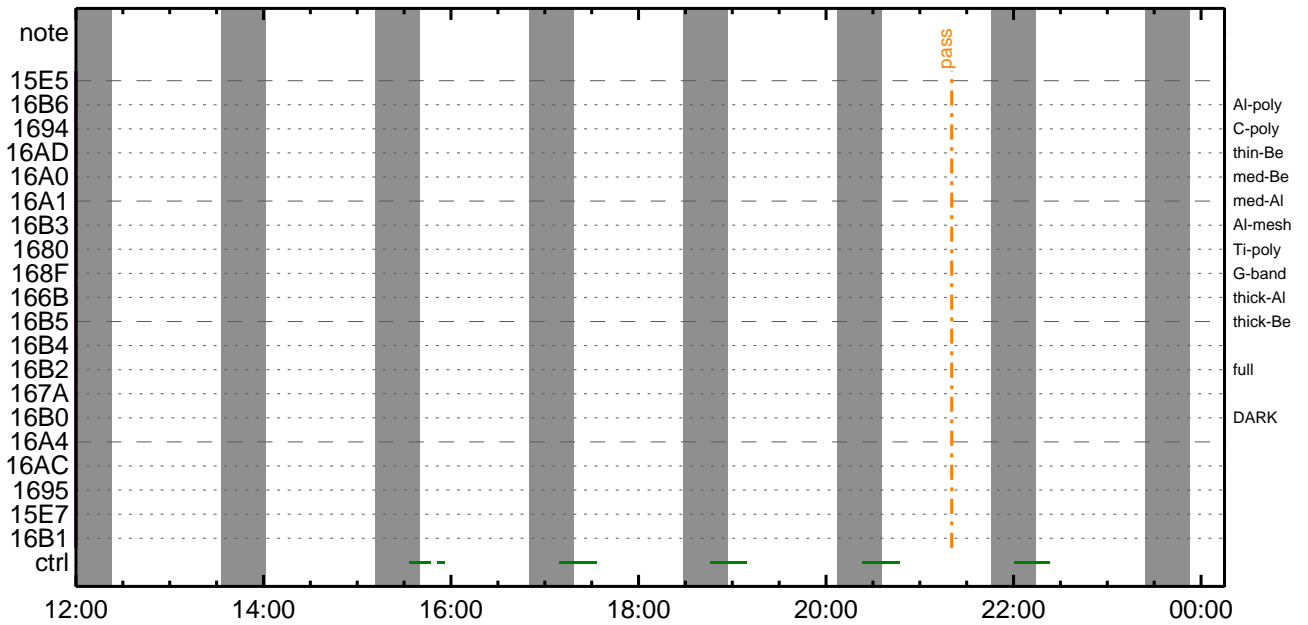
CMDI #0581 2009/05/28



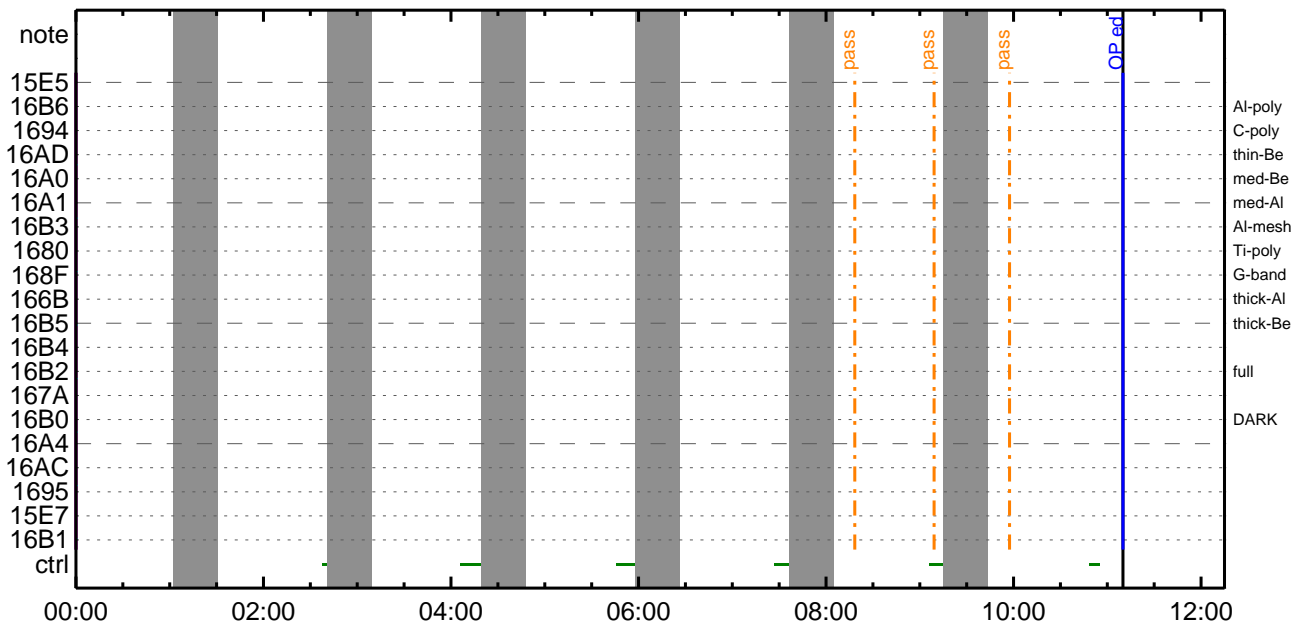
CMDI #0581 2009/05/29



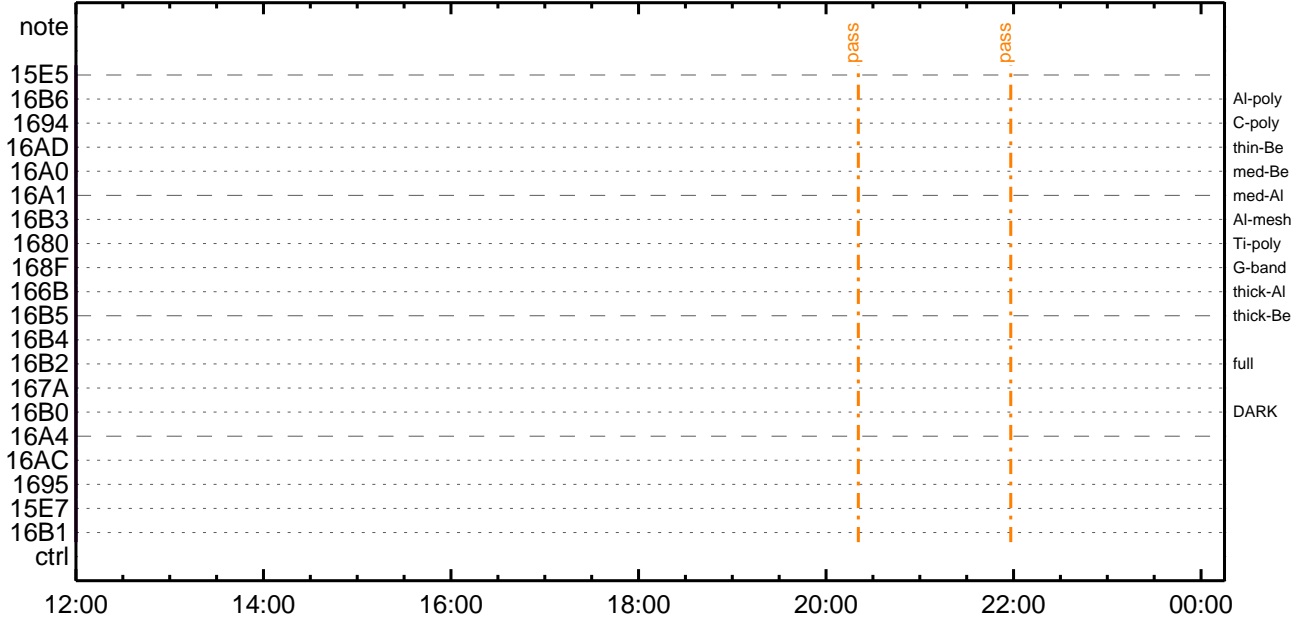
CMDI #0581 2009/05/29



CMDI #0581 2009/05/30



CMDI #0581 2009/05/30




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-615:OP
0104 ( )
0105 S. OG og-615:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPf°eãYôYx;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. YôYx½ªî»ð³îç§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGãî½ª¹ç•ë²îOKð³îç§
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. YôYx½ªªî»ð³îç§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGãî½ª¹ç•ë²îOKð³îç§
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. YôYx½ªªî»ð³îç§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPãî½ª¹ç•ë²îOKð³îç§
0165 C.
0166 C. ***** òê²¼òî½ª¹ç•ë²îOKð³îç§ *****
0167 C. DHUãî½ª¹ç•ë²îOKð³îç§
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 UPLOADã-Á÷ç@NGãî½ª¹ç•ë²îOKð³îç§
0180 C. ãî½ª¹ç•ë²îOKð³îç§
0181 C.
0182 C. TIY³YôYx½ªªî»ð³îç§ (UT)
0183 +. TI 2009-05-26 10:14:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-05-26 10:14:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-05-26 10:14:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
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0194 C.
0195 +. TI 2009-05-26 10:18:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                      EQ       1COUNTUP
0198 C.
0199 C.  °È²¼□İÄè%ıİñ□İŶÄŶ§ŶÄŶ-¹âİŰ
0200 C.          çç[HK1_TI_CMD_ENA/DIS]                  EQ       ENA
0201 C.          çç[HK1_TI_CMD_NUM]                      EQ       4
0202 C.          çç[HK1_NEXT_EXEC_PIM]                   EQ       DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]                    EQ       0xB3
0204 C.
0205 C.  *****
0206 C.  TIİİ°èŶÄŶÖŶ×
0207 C.  *****
0208 C.
0209 C.  TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC       (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]                 EQ       07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]                 EQ       2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]                   EQ       3
0215 C.          çç[HK1_DMP_REPEAT_NUM]                  EQ       0
0216 C.          çç[HK1_DMA_DMP_PIM]                     EQ       DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC       (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]                     EQ       7
0220 C.          çç[HK1_PKT_GEN_TIME]                     EQ       0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]                  EQ       32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]                  EQ       4M
0223 C.          çç[HK1_DMP_CHK_FLG]                     EQ       EXEC
0224 C.
0225 C.  ŶÄŶÖŶ×½ªİ»□³İÇ§
0226 C.          çç[HK1_DMP_CHK_FLG]                     EQ       NON
0227 C.
0228 C.  RAM ID=TI_TBL□İ¼È¹ç•è²İOK□³İÇ§
0229 C.
0230 C.  DHUŶâ;¼ŶÈ;È¼Ŷ¼. Ŷİ;¼ŶÈ;È□□İã□¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC       (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]                     EQ       2
0234 C.          çç[HK1_PKT_GEN_TIME]                     EQ       0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]                  EQ       32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]                  EQ       4M
0237 C.
0238 C.  Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C.  ***** Start EIS operation (TI set) *****
0242 C.  Execute, after the success of OP upload.
0243 C.  Set EIS TI-commands
0244 +. TI 2009-05-26 10:18:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC       (21 02)
0247 +. TI 2009-05-26 10:18:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC       (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]                      EQ       2 COUNTUP
0251 C.  ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.  *****
0255 C.  SOT TI command set
0256 C.  *****
0257 C.  Execute, after the success of OP upload.
0258 +. TI 2009-05-26 10:18:16.0
0259 DC 07-F0 MDP_SOT_MODE_STBY
0260 BC       (41)
0261 C.  -----
0262 C.  HK1_TI_CMD_NUM = 1 CNTUP [ ]
0263 C.  -----
0264 C.  ***** SOT END *****
0265 C.
0266 C.  ***** XRT START *****
0267 C.  Execute, after the success of OP upload.
0268 +. TI 2009-05-26 10:18:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC       (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]                      EQ       1COUNTUP
0272 C.
0273 C.  ***** XRT END *****
0274 C.
0275 C.  ***** MDP ´úÃİ□İ»ö¼Ŷ□ÈÄ□¹□èDCBC•x²è *****
0276 C.  (¼ã°İŶÖŶÄŶÈŶŶŶŶÄŶŶçŶèÈ¼□□¼Ä»Ű□¹□è)
0277 C.  S. DC-BC dcbc-402:DCBC
0278 C.  (MDP_known_event)
0279 C.
0280 C.
0281 C.  ***** ŶĐŶ¹•İ Daily±çİñ□È'Ø□¹□èDCBC•x²è *****
0282 C.  S. DC-BC dcbc-153:DCBC
0283 C.  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C.  ;ãLOSŶÄŶ§ŶÄŶ-¼Ä»Ű;ã
0287 C.
0288 C.  ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-617 2009-05-26 12:41:24 138 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Ü;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¿¿ªÀª•µºÆ»Í×ÁÇ¿ÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈÈÈ¼ºÇÔª•ª¿¼í¹çªÍ;çÀ®, ùª¹ªÈªªªçÁ+¿®ª•ªÈªªªªªÈ;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-265: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. < Upload DPL table >
0036 C.
0037 C. YçYÁY×Yí;¼YÉºîÁºªÈSTS_CHKªðOFFªÈª¹ªè
0038 C.
0039 . S. RAM ram-271:MDP_DPL
0040 ( )
0041 C.
0042 . C. < Dump RAMID=MDP_DPL >
0043 +. DC 07-F0 MDP_DUMP_FGTBL
0044 BC (82 07 00 38 b8 00 40)
0045 C. -----
0046 C. MDP_DPL verify = OK [ ]
0047 C. -----
0048 C.
0049 C. STS_CHKªðONªÈª¹ªè
0050 C.
0051 . C. < Update MDP DSC PAR1 >
0052 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0053 BC (4c)
0054 C. MDP_CMD_CODE = F04C0700[ ]
0055 C. MDP_CMD_CNT (count-up 1) [ ]
0056 C. -----
0057 C.
0058 C.
0059 C. *****
0060 C. SOT TI command set
0061 C. *****
0062 C. Execute, after the success of TBL upload.
0063 +. TI 2009-05-26 10:18:18.0
0064 DC 07-F0 MDP_SOT_MODE_OBSV
0065 BC (40)
0066 . C. -----
0067 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0068 C. -----
0069 C.
0070 C.
0071 C. ***** XRT START *****
0072 C.
0073 +. DC 07-F0 MDP_XRT_CTRL_MANU
0074 BC (c1)
0075 +. DC 07-F0 MDP_XRT_MODE_STBY
0076 BC (c3)
0077 . C. ----- Success Verify ? OK / NG____
0078 C.
0079 C. XRT Obs. Table Upload
0080 . S. RAM ram-291:MDP_OBS_X
0081 ( )
0082 C.
0083 +. DC 07-F0 MDP_DUMP_XRTTBL
0084 BC (84 07 00 00 00 3a d4)
0085 . C. ----- Comparison Check ? OK / ERR ____
0086 C.
0087 C.
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 01 b1 b1 04 04)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 02 b1 b1 08 08)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 03 b1 b1 08 08)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 04 b1 b1 06 06)
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```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 06 80 80 06 06)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 07 80 80 06 08)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 08 80 80 20 20)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 09 80 60 20 18)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 0a a0 80 18 20)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 0f 80 80 04 04)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 10 80 80 10 10)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C.
0113 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0114 C.
0115 +. DC 07-F0 MDP_XRT_MODE_OBSV
0116 BC (c2)
0117 +. TI 2009-05-26 10:18:02.0
0118 DC 07-F0 MDP_XRT_MODE_OBSV
0119 BC (c2)
0120 . C. ----- Success Verify ? OK / NG ____
0121 C.
0122 C. ***** XRT END *****
0123 C.
0124 . C. ***** MDP 'ûÃîñî»ö%ÿñÊÃñ¹ñèDCBC•x²è *****
0125 C. (%ã°îÿÓÿÃÿÈÿPÿËÿãÿçÿèñE%¼ññ¼Ã»Ûñ¹ñè)
0126 . S. DC-BC dcbc-402:DCBC
0127 (MDP_known_event)
0128 C.
0129 C.
0130 . C. ***** ÿDÿ¹·Ï Daily±;îÑñÊ'Øñ¹ñèDCBC•x²è *****
0131 . S. DC-BC dcbc-153:DCBC
0132 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0133 C.
0134 C.
0135 . C. ;ãLOSÿÃÿSÿËÿÿ¼Ã»Û;ã
0136 C.
0137 . C. ***** LOS *****
0138 C.
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*** OP Sequence for XRT ***

2009/05/26	10:28:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	10:28:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/05/26	10:29:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2009/05/26	10:29:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2009/05/26	10:29:18.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/05/26	10:29:20.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/05/26	10:29:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/05/26	10:32:00.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/05/26	10:32:02.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/26	11:41:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	11:59:56.0	XRT_FOCUS_RECALIBRATE_446_OG [0x1be]					
		XRT_FOCUS_RECAL	2	07-F8	78 00		
2009/05/26	12:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2009/05/26	12:03:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/05/26	12:04:16.0	XRT_QT_PROG_SET_405_OG [0x195]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d		
2009/05/26	12:04:18.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/05/26	12:04:20.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/05/26	12:04:22.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/05/26	12:04:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/05/26	12:09:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/26	13:19:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	13:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/26	14:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	15:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	15:33:00.0	XRT_Custom_430_OG [0x1ae]					
2009/05/26	15:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/26	15:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	15:42:30.0	XRT_Custom_430_OG [0x1ae]					
2009/05/26	15:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/26	16:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	16:55:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	17:19:30.0	XRT_Custom_430_OG [0x1ae]					
2009/05/26	17:20:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/26	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2009/05/26	18:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2009/05/26	18:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/05/26	18:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/05/26	18:00:20.0	XRT_ARS_DIS_410_OG [0x19a]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/05/26	18:02:58.0	XRT_QT_PROG_SET_409_OG [0x199]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2009/05/26	18:03:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/26	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/26	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/05/26	18:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 ac 00 00 00		
2009/05/26	18:10:16.0	XRT_QT_PROG_SET_413_OG [0x19d]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2009/05/26	18:10:18.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/05/26	18:10:20.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		

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2009/05/26	18:10:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/26	18:13:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/26	18:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	18:32:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	18:44:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/26	19:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	20:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	20:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/26	20:10:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 54 00				
2009/05/26	20:10:16.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2009/05/26	20:10:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/26	20:10:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/26	20:10:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/26	20:22:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/26	21:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	21:47:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	22:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/05/26	22:10:00.5	XRT_Custom_430_OG [0x1ae]							
2009/05/26	22:11:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/26	23:00:30.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	23:00:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/26	23:00:52.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/05/26	23:00:54.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/26	23:00:56.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/26	23:00:58.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/26	23:01:00.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/26	23:03:38.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/26	23:48:30.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	23:48:30.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/26	23:48:32.5	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/05/26	23:48:52.5	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/26	23:48:54.5	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/26	23:48:56.5	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/26	23:51:34.5	XRT_QT_PROG_SET_402_OG [0x192]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2009/05/26	23:51:36.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	00:10:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/05/27	00:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	00:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	01:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	01:17:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	02:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	02:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	02:55:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	03:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	04:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	04:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	05:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2009/05/27	05:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	06:12:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	06:17:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	06:17:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/05/27	06:17:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/05/27	06:17:46.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/27	06:17:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/27	06:17:50.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/27	06:20:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2009/05/27	06:20:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	06:27:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	06:27:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/27	06:27:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/05/27	06:27:46.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/05/27	06:27:48.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/27	06:27:50.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/27	06:27:52.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/27	06:27:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/27	06:30:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	07:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	07:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	07:51:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	08:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	08:24:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/27	08:25:00.5	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/05/27	08:25:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2009/05/27	08:25:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/27	08:25:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/27	08:25:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/27	08:25:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/27	08:28:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	08:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	09:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	09:29:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	10:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	10:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	11:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/27	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/27	12:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/05/27	12:00:16.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/05/27	12:00:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/27	12:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/27	12:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/27	12:00:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/27	12:03:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/27	12:18:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							

2009/05/27	12:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	13:57:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	14:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	14:28:30.0	XRT_Custom_430_OG [0x1ae]					
2009/05/27	14:29:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	15:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	15:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	16:19:00.0	XRT_Custom_430_OG [0x1ae]					
2009/05/27	16:20:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	17:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	17:32:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	17:56:00.0	XRT_Custom_430_OG [0x1ae]					
2009/05/27	17:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	17:57:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	17:57:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/05/27	17:57:30.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/05/27	17:57:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/27	17:57:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/27	17:57:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/27	18:00:28.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2009/05/27	18:00:30.0	XRT_CTRL_AUTO_440_OG [0x1b8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	18:52:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	19:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	19:33:00.5	XRT_Custom_430_OG [0x1ae]					
2009/05/27	19:34:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	20:31:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	20:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	21:10:00.0	XRT_Custom_430_OG [0x1ae]					
2009/05/27	21:11:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	21:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	21:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/05/27	22:00:00.0	AOCS_OrE-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 17 74 50 cc	
2009/05/27	22:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2009/05/27	22:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/27	22:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/27	22:00:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/27	22:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	22:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	22:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	22:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/27	22:44:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/05/27	22:45:00.0	AOCS_OrE-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 16 f1 41 3f	
2009/05/27	22:45:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2009/05/27	22:45:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/27	22:45:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/27	22:45:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/27	22:46:01.5	XRT_Custom_430_OG [0x1ae]					
2009/05/27	22:47:01.5	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/27	23:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2009/05/27	23:29:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/27	23:30:00.0	AOCS_ORe-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00	16	97	31 26
2009/05/27	23:30:16.0	XRT_QT_PROG_SET_420_OG [0x1a4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/27	23:30:18.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/27	23:30:20.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/27	23:30:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/27	23:33:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/27	23:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	00:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	00:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	00:14:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/28	00:15:00.0	AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	16	66	20 9b
2009/05/28	00:15:16.0	XRT_QT_PROG_SET_420_OG [0x1a4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	00:15:18.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	00:15:20.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	00:15:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	00:16:00.5	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	00:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	00:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/28	01:00:00.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00	16	4d	0f be
2009/05/28	01:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	01:00:18.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	01:00:20.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	01:00:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	01:03:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	01:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	01:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	01:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	01:44:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/28	01:45:00.0	AOCS_ORe-point_Start_13_OG [0x0a3] AOCU_NM	5	02-76	00	16	4d	fe 7f
2009/05/28	01:45:16.0	XRT_QT_PROG_SET_420_OG [0x1a4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	01:45:18.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	01:45:20.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	01:45:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	01:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	02:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	02:29:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/28	02:30:00.0	AOCS_ORe-point_Start_14_OG [0x0a4] AOCU_NM	5	02-76	00	16	4d	f0 42
2009/05/28	02:30:16.0	XRT_QT_PROG_SET_420_OG [0x1a4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	02:30:18.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	02:30:20.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	02:30:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	02:33:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	03:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	03:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	03:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	03:14:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]						

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2009/05/28	03:15:00.0	AOCS_Or-e-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
			AOCU_NM	5	02-76	00	16	66	df 65
2009/05/28	03:15:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	03:15:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	03:15:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	03:15:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	03:33:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	03:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	03:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/28	04:00:00.0	AOCS_Or-e-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	16	97	ce da
2009/05/28	04:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	04:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	04:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	04:00:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	04:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	04:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	04:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	04:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	04:44:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/28	04:45:00.0	AOCS_Or-e-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00	16	f1	be c1
2009/05/28	04:45:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	04:45:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	04:45:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	04:45:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	05:11:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	05:42:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	05:42:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/05/28	05:42:30.0	AOCS_Or-e-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00 00
2009/05/28	05:42:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	05:42:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	05:42:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	05:45:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2009/05/28	05:45:30.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	05:52:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	05:52:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/28	05:52:30.0	AOCS_Or-e-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00	17	74	af 34
2009/05/28	05:52:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2009/05/28	05:52:48.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/28	05:52:50.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/28	05:52:52.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/28	05:55:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	06:10:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	06:22:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	06:50:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/28	07:50:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	08:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/28	08:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			

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2009/05/28	08:24:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/05/28	08:25:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2009/05/28	08:25:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2009/05/28	08:25:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/28	08:25:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/28	08:25:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/28	08:25:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/28	08:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/28	09:30:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/28	09:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/28	09:49:00.0	XRT_Custom_430_OG [0x1ae]							
2009/05/28	09:50:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/28	10:05:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/28	10:06:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00