

XRT Timeline to be uploaded on 2009/05/30

Period: 2009/05/30 11:10:00 - 2009/06/04 11:00:00

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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				
05/30 11:23:02 - 05/30 11:59:54	Fixed (,)											
05/31 08:42:30 - 05/31 11:25:00	Track (-646.8, 385.6) ^{05/31 08:30:00}	* HOP 71, horizontal fields with VTT, AR target.										
06/01 08:33:02 - 06/01 11:59:54	Track (-501.6, 386.0) ^{06/01 08:15:00}	* HOP 71, horizontal fields with VTT, AR target.										
06/02 08:23:02 - 06/02 09:55:54	Track (-329.9, 385.5) ^{06/02 08:10:00}	* HOP 71, with VTT, officially from 8:30, AR target.										
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 #15DF: AR multfilter - Al/mesh,Ti/Poly,Al/Poly,Thin-Be FOV384 AEC1 Q95- 1.5 min cad												
Term	Pointing (x, y)							Comment				
05/30 12:03:00 - 05/30 17:27:30	Track (-754.1, 398.7) ^{05/30 12:00:00}	* Until now, cont. with previous plan's HOP 71, now track EIS limb-AR study (Mason et al.).										
PROG= 08 Inf.-time(s)												
└─ Subr= 1 1-time(s) 90.0sec												
└─ Seqn= 72 1-time(s) 4.0sec												
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0 2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0 2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #1650: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(723/11571) + G-band(16)-2												
Term	Pointing (x, y)							Comment				
05/30 18:12:30 - 05/30 18:20:00	Fixed (0.0, 0.0)	synoptic, shifted 9.5 min, extended for SOT flat fields, and XRT multi-filter synoptic, and EIS										
05/31 17:54:00 - 05/31 21:22:00	Fixed (0.0, 0.0)	synoptic, shifted -9.0 min, extended for SOT flat fields, and maybe XRT multi-filter synoptics										
06/01 18:05:00 - 06/01 21:41:54	Fixed (0.0, 0.0)	synoptic, shifted 2.0 min, extended for SOT flat fields, and maybe XRT multi-filter synoptics										
PROG= 09 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 36 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0 2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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= 88 1-time(s) 4.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	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 #1638: Synoptic 9 Filter- 2x2 Q98 Longer exp												
Term	Pointing (x, y)							Comment				
05/30 18:20:30 - 05/30 21:49:24	Fixed (0.0, 0.0)	synoptic, shifted 9.5 min, extended for SOT flat fields, and XRT multi-filter synoptic, and EIS										
PROG= 03 1-time(s)												
└─ Subr= 1 1-time(s) 180.0sec												
└─ Seqn= 39 1-time(s) 30.0sec												
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 19 1-time(s) 30.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 6 1-time(s) 30.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 52 1-time(s) 30.0sec												
	C-poly/Open	C-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
	C-poly/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 90 1-time(s) 30.0sec												
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 55 1-time(s) 30.0sec												
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	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 #1608: AR multifilter - Al/mesh,Ti/Poly,Al/Poly,Thin-Be FOV384 AEC4 Q95- 4 min cad

Term	Pointing (x, y)	Comment
05/30 21:52:30 - 05/31 05:56:24	Track (-712.2, 399.4) ^{@ 05/30 21:49:30}	# Track AR in E.
05/31 06:09:30 - 05/31 08:04:30	Track (-672.2, 399.8) ^{@ 05/31 06:06:30}	# Cont.
05/31 12:09:00 - 05/31 17:50:54	Track (-641.3, 400.1) ^{@ 05/31 12:00:00}	* Track AR near E limb.
05/31 22:01:00 - 06/01 00:38:30	Track (-587.1, 400.3) ^{@ 05/31 21:31:00}	# Cont.
06/01 06:25:00 - 06/01 08:29:54	Track (-532.9, 400.4) ^{@ 06/01 06:18:00}	# Track AR in E.
06/01 12:03:00 - 06/01 18:01:54	Track (-495.8, 400.4) ^{@ 06/01 12:00:00}	* Track AR.
06/01 21:45:00 - 06/02 05:32:24	Track (-429.3, 400.3) ^{@ 06/01 21:42:00}	# Track AR.
06/02 05:45:30 - 06/02 07:40:30	Track (-371.7, 400.1) ^{@ 06/02 05:42:30}	# Cont.

PROG= 02 Inf.-time(s)

└─ Subr= 1 1-time(s) 240.0sec
 └─ Seqn= 37 1-time(s) 4.0sec
 └─ Open/Al-mesh Open/Ti-poly close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec
 └─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec
 └─ Al-poly/Open thin-Be/Open close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec
 └─ thin-Be/Open thin-Be/Open close Safe Norm 22.6s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec
 Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #164F: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(723/11571) + G-band(16)-2

Term	Pointing (x, y)	Comment
05/31 05:59:30 - 05/31 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min
06/01 06:11:00 - 06/01 06:17:54	Fixed (0.0, 0.0)	synoptic, shifted 8.0 min
06/02 05:35:30 - 06/02 05:42:24	Fixed (0.0, 0.0)	synoptic, shifted -27.5 min

PROG= 07 1-time(s)

└─ Subr= 1 1-time(s) 12.0sec
 └─ Seqn= 47 1-time(s) 4.0sec
 └─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 └─ Open/Al-mesh Open/Ti-poly close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 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= 88 1-time(s) 4.0sec
 └─ Open/Ti-poly Open/thick-Al close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 └─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 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 #168F: twilight monitor 384x384

Term	Pointing (x, y)	Comment
05/31 11:28:08 - 05/31 12:05:54	Track (-646.8, 385.6) ^{@ 05/31 08:30:00}	* HOP 71, horizontal fields with VTT, AR target.

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 #167C: G-Band Alignment Q90 2x2 5 minute cadence Full FOV

Term	Pointing (x, y)	Comment
06/01 01:15:00 - 06/01 02:59:54	Fixed (0.0, 945.0)	* Alignment offset pointing, N.

PROG= 10 1-time(s)

└─ Subr= 1 1-time(s) 360.0sec
 └─ Seqn= 54 21-time(s) 300.0sec
 └─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (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 #15E1: G-Band Alignment Q90 2x2 8 minute cadence Full FOV

Term	Pointing (x, y)	Comment
06/01 03:15:00 - 06/01 06:07:54	Fixed (-945.0, 0.0)	* Alignment offset pointing, E.

PROG= 14 1-time(s)

└─ Subr= 1 1-time(s) 360.0sec
 └─ Seqn= 54 13-time(s) 480.0sec
 └─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (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

NOT USED

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Active Region Search

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NOT USED

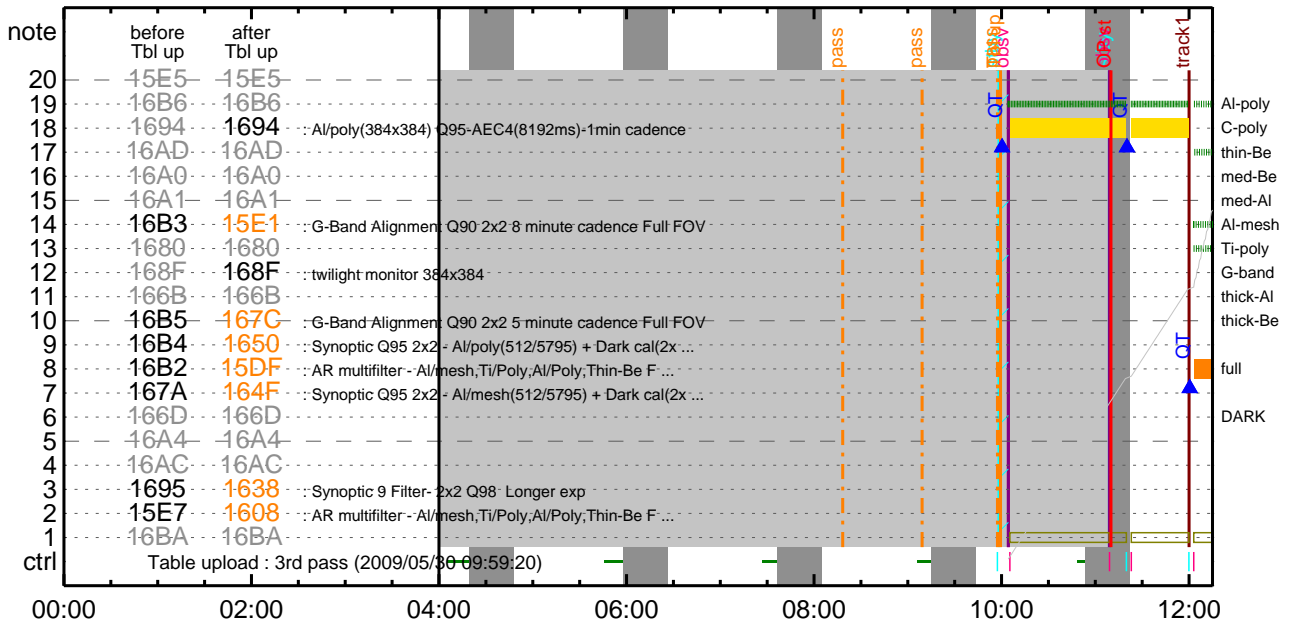
* * * * *

Flare Detection

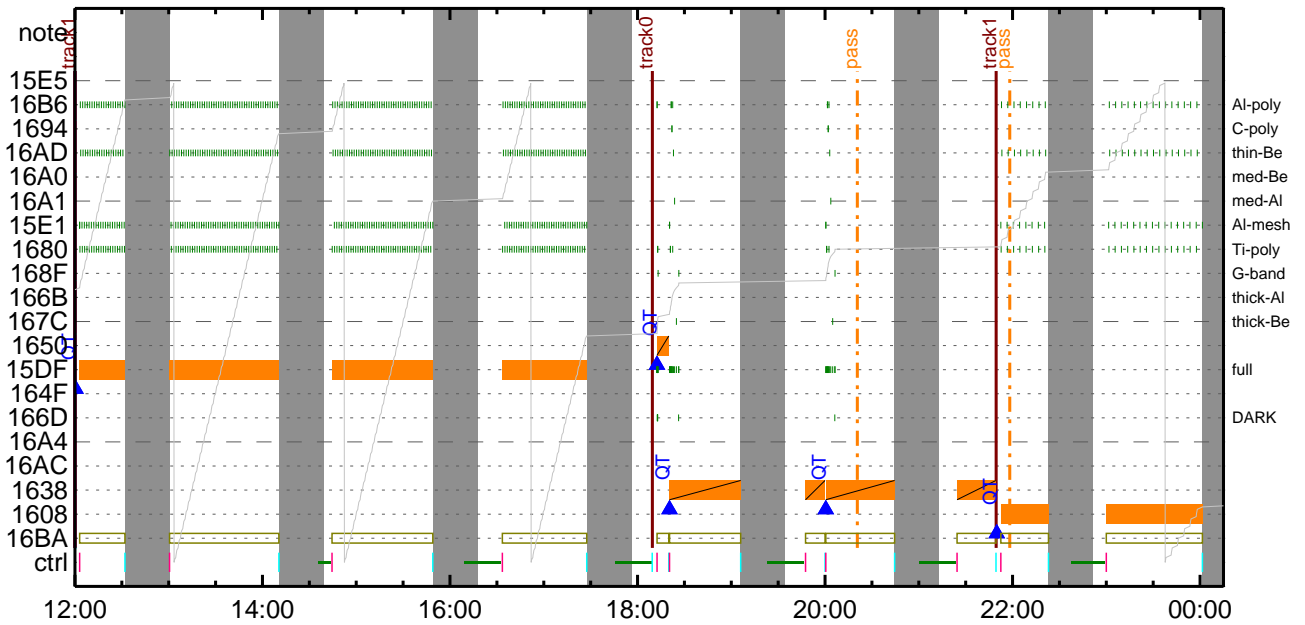
* * * * *

NOT USED

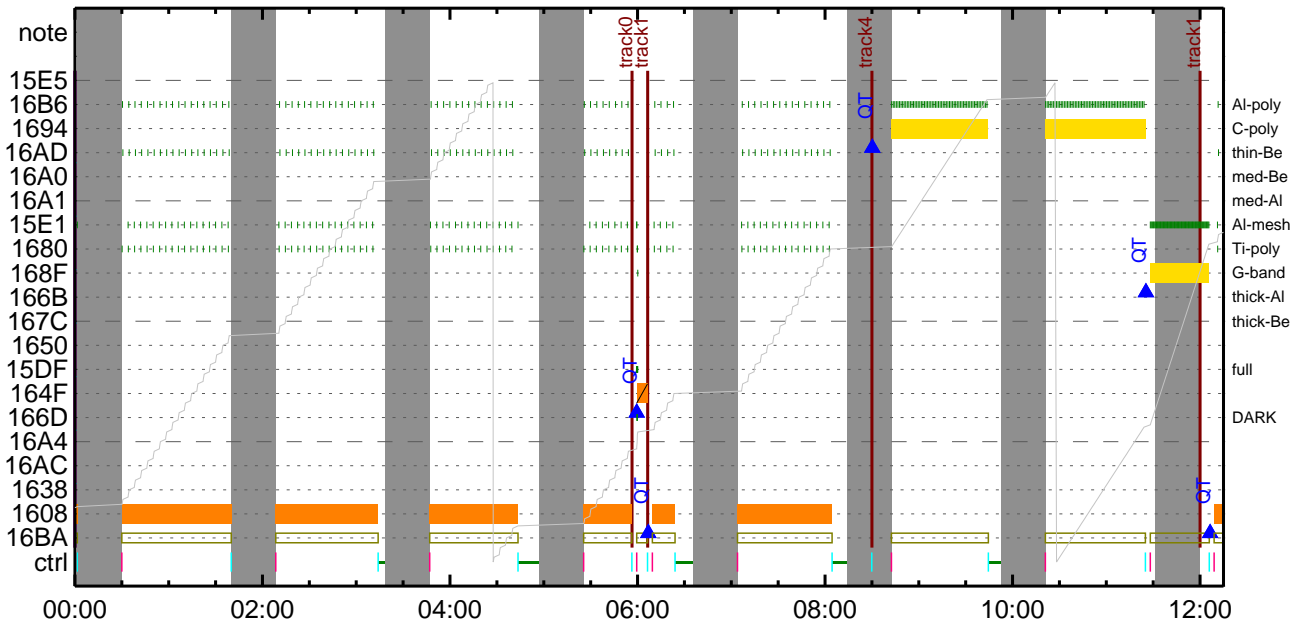
CMDI #0587 2009/05/30



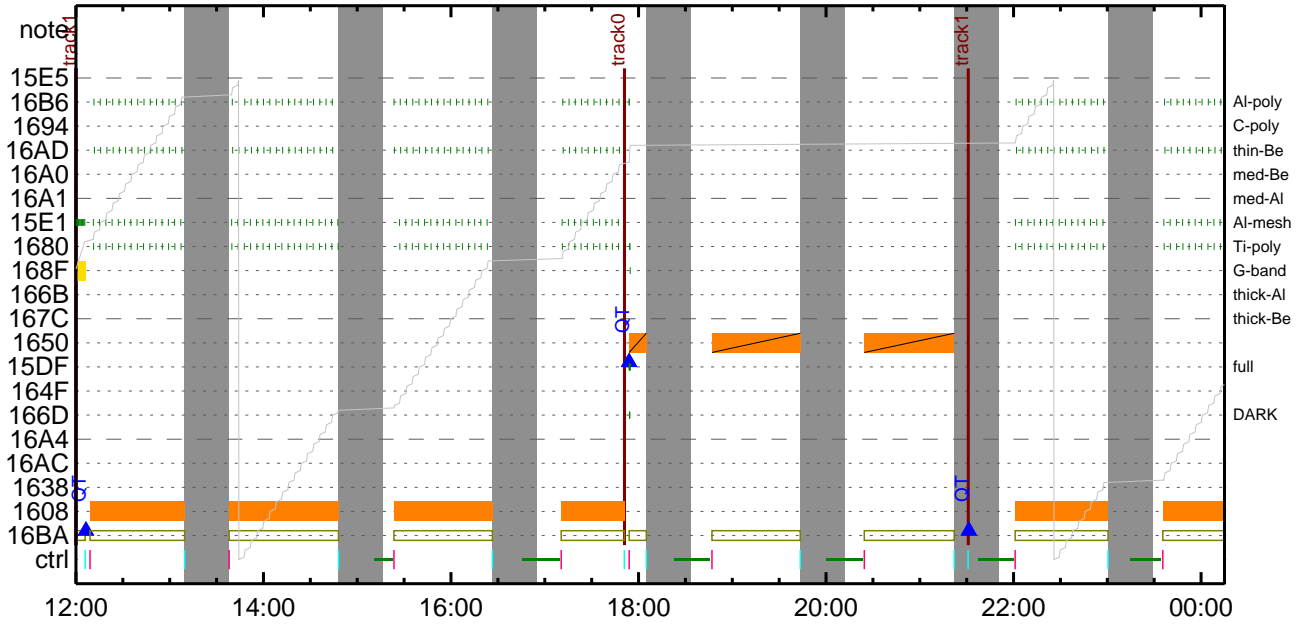
CMDI #0587 2009/05/30



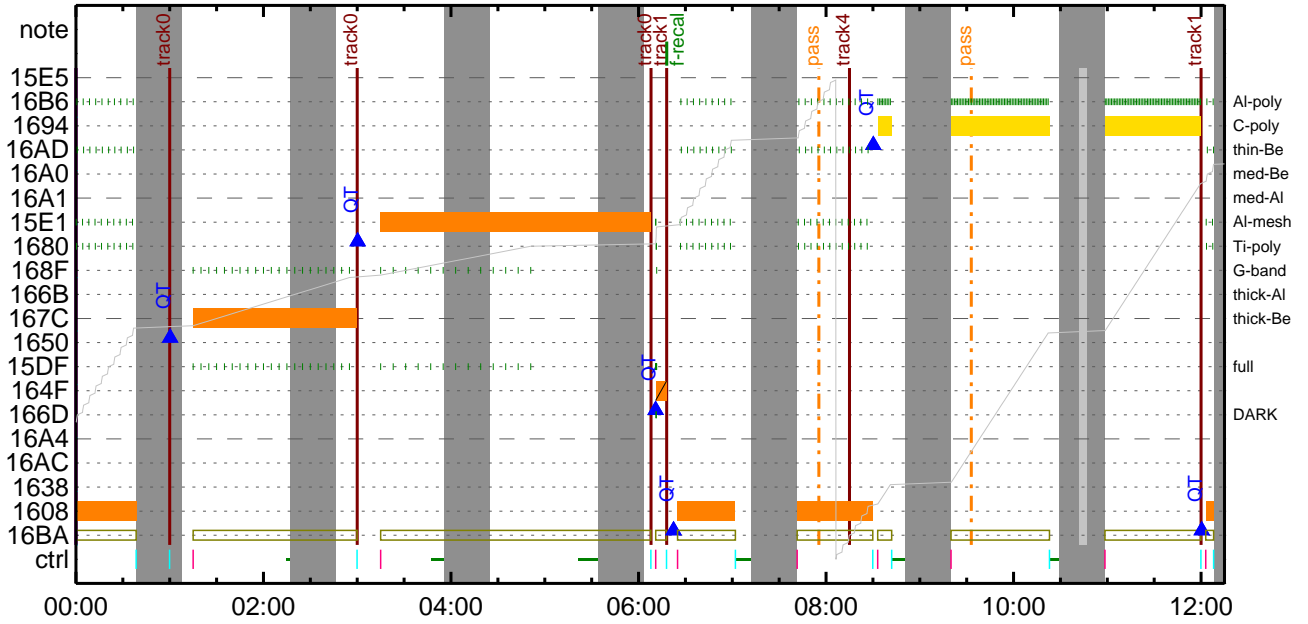
CMDI #0587 2009/05/31



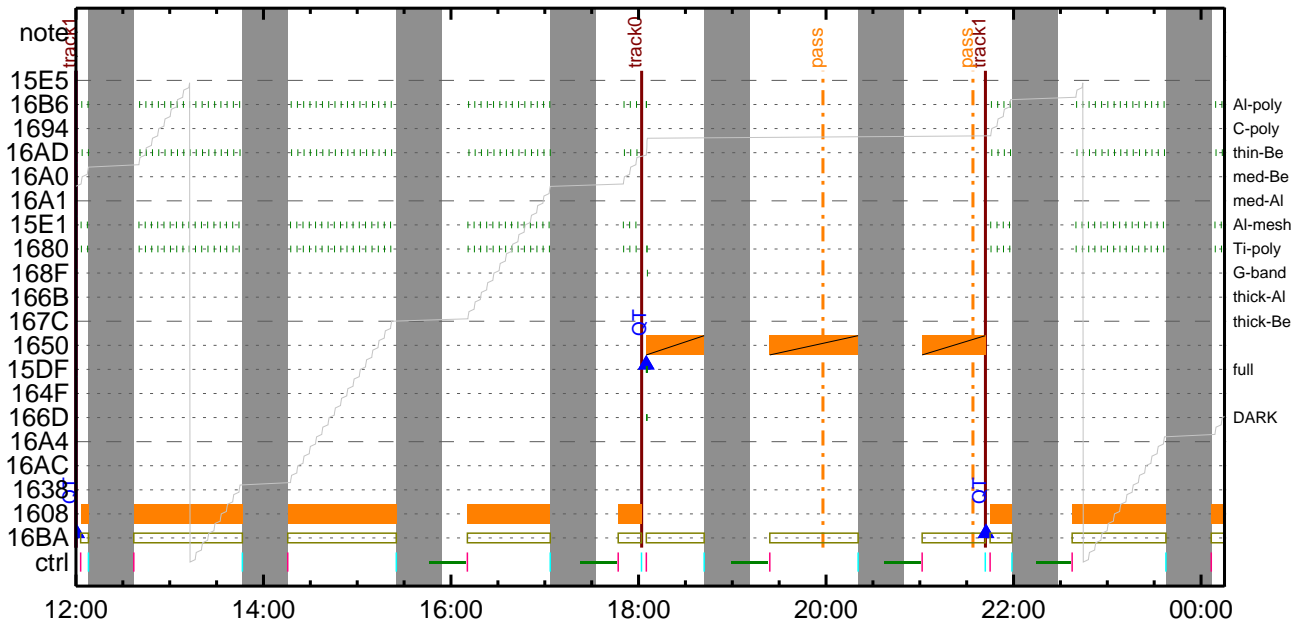
CMDI #0587 2009/05/31



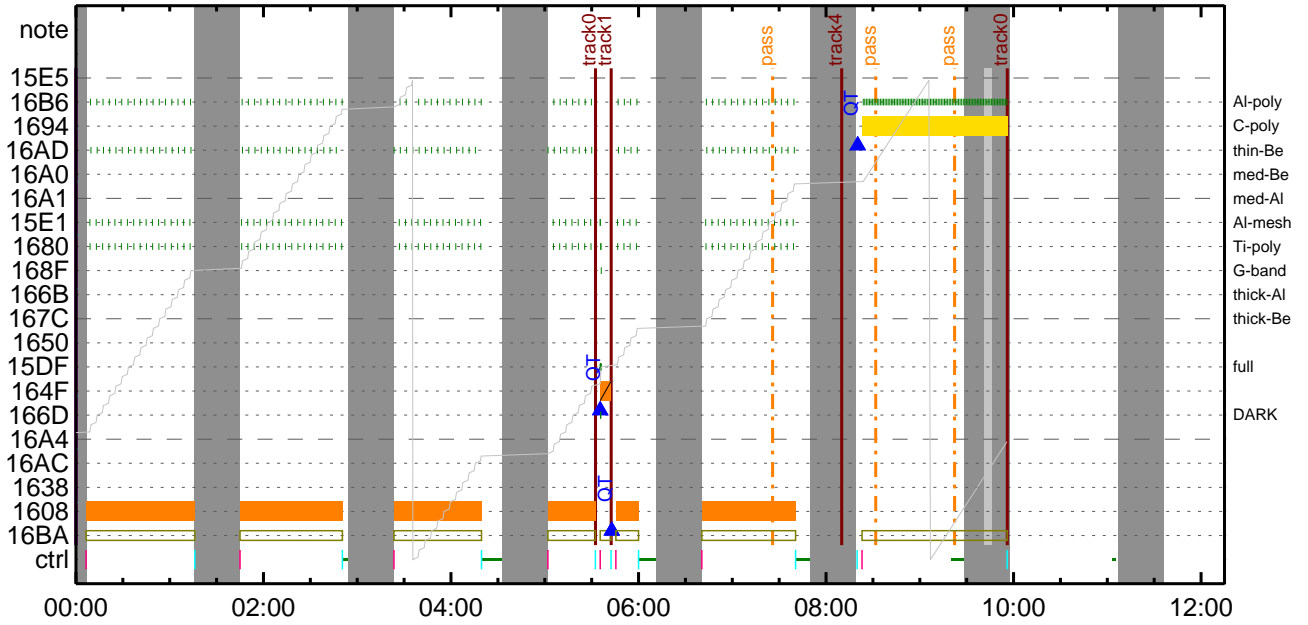
CMDI #0587 2009/06/01



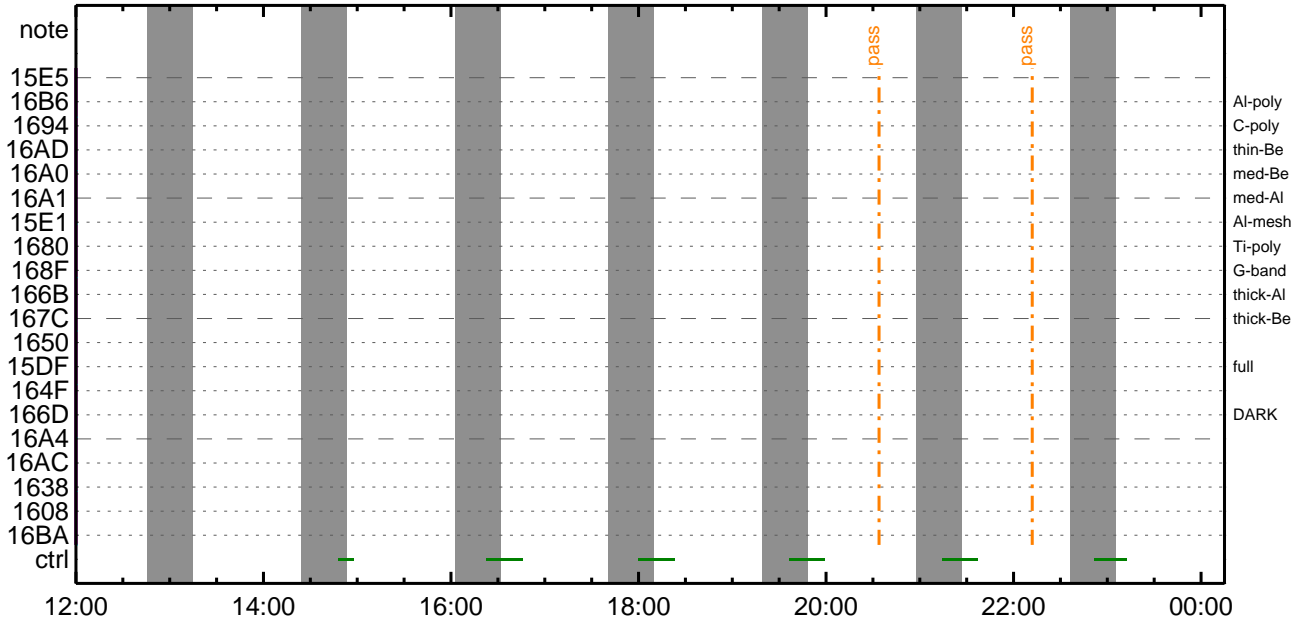
CMDI #0587 2009/06/01



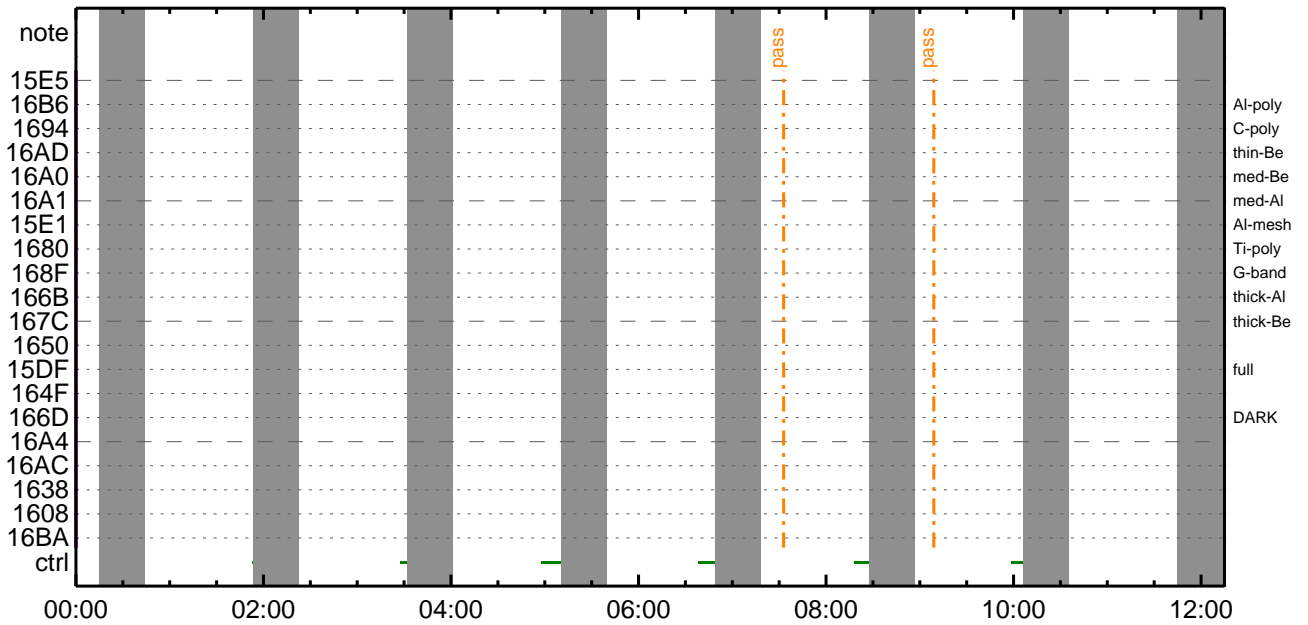
CMDI #0587 2009/06/02



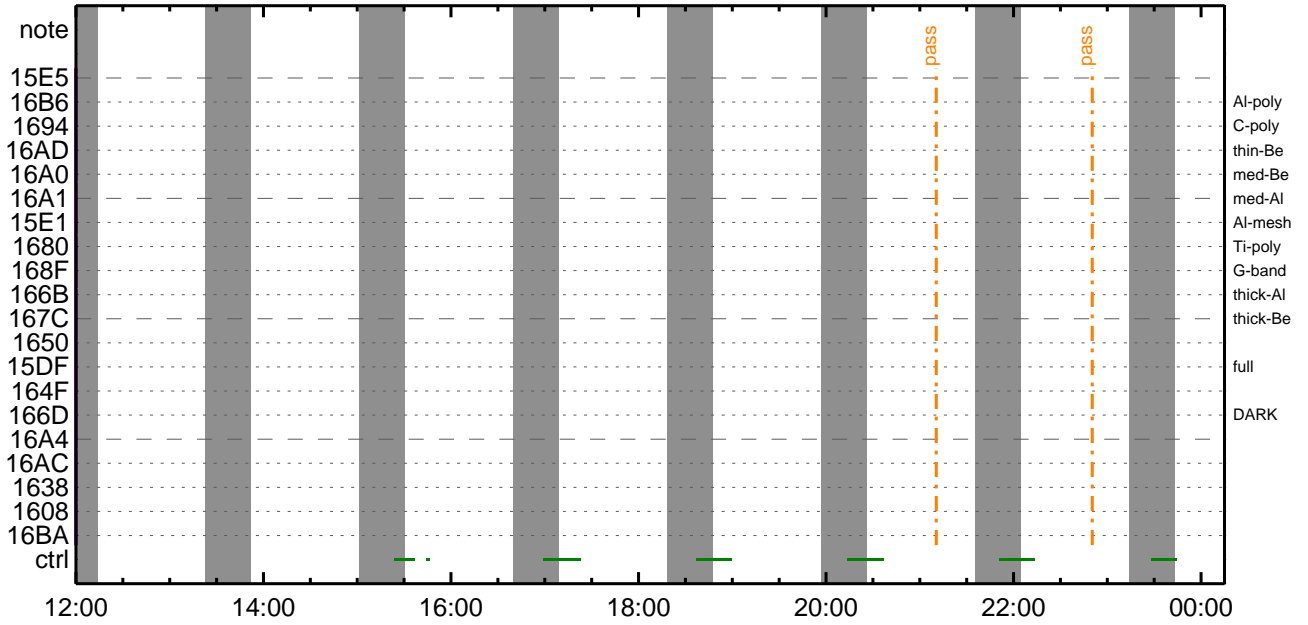
CMDI #0587 2009/06/02



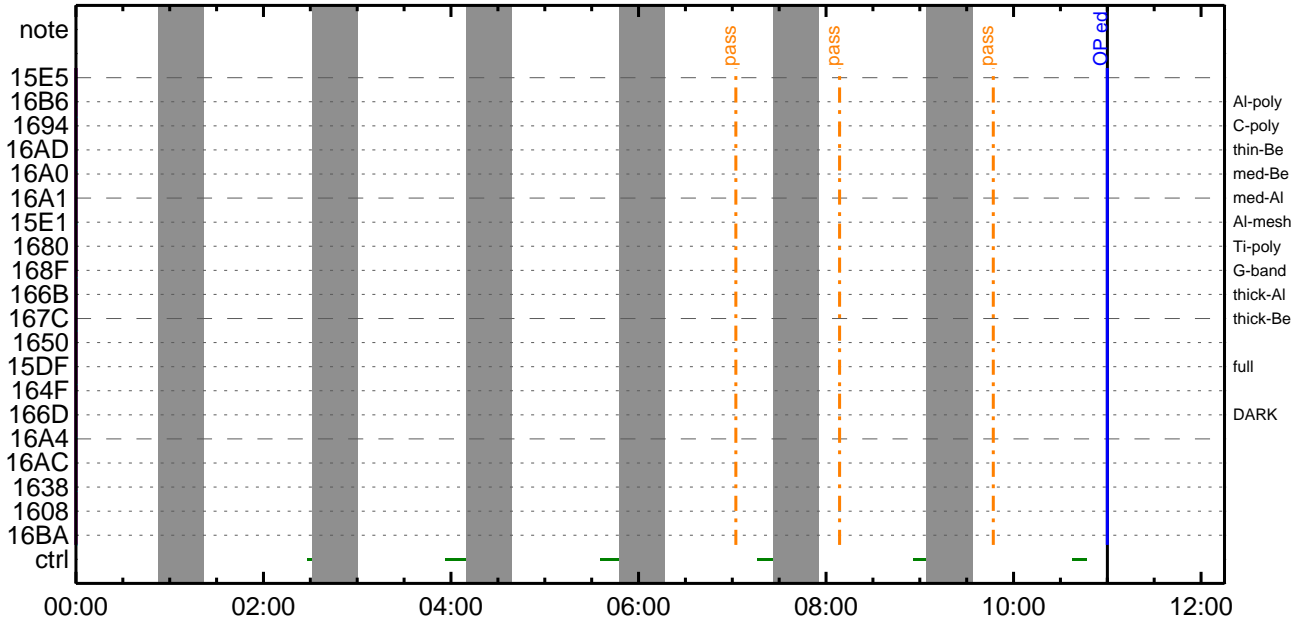
CMDI #0587 2009/06/03



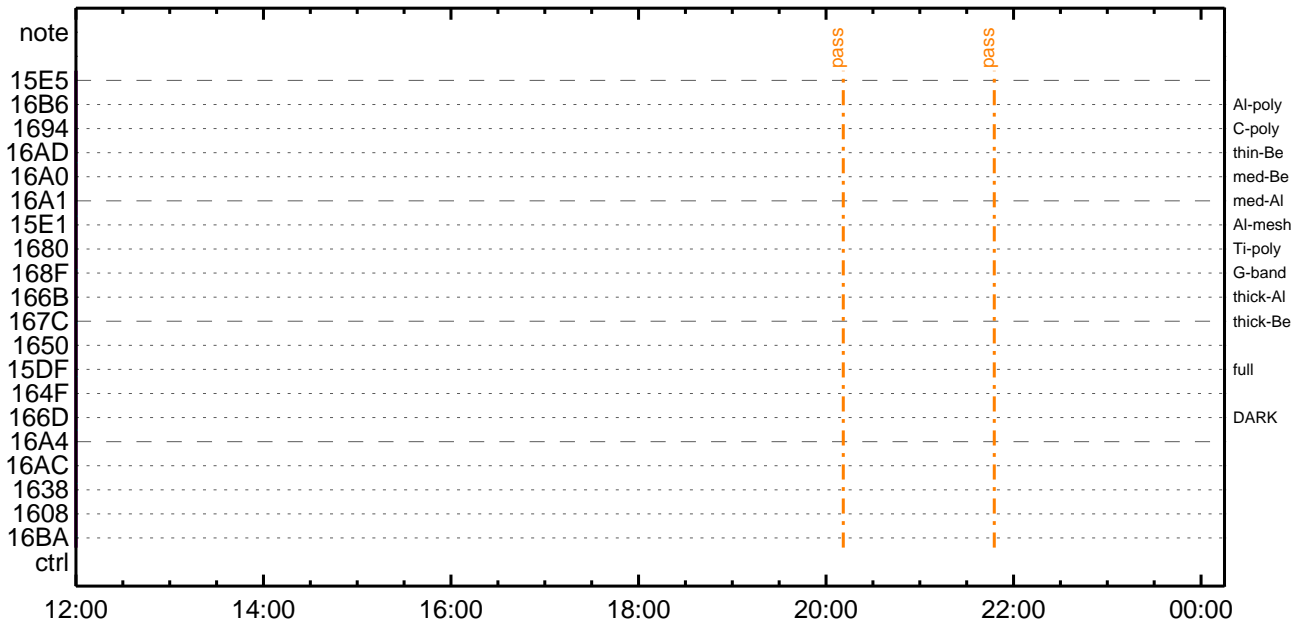
CMDI #0587 2009/06/03



CMDI #0587 2009/06/04



CMDI #0587 2009/06/04




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|AY6Yx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP      op-624:OP
0104 ( )
0105 S. OG      og-624:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAY6Yx;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.               ðð[HK1_DMP_TOP_ADRS_1]      EQ      40
0113 C.               ðð[HK1_DMP_TOP_ADRS_0]      EQ      0
0114 C.               ðð[HK1_DMP_BLOCK_NUM]       EQ     127
0115 C.               ðð[HK1_DMP_REPEAT_NUM]      EQ      0
0116 C.               ðð[HK1_DMA_DMP_PIM]         EQ     DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC      (07 0b f8)
0119 C.               ðð[HK1_PKT_FORM_NO]         EQ      7
0120 C.               ðð[HK1_PKT_GEN_TIME]        EQ     0.25 s
0121 C.               ðð[HK1_S_TLM_BIT_RATE]      EQ     32k
0122 C.               ðð[HK1_X_TLM_BIT_RATE]      EQ      4M
0123 C.               ðð[HK1_DMP_CHK_FLG]        EQ     EXEC
0124 C. YAY6Yx½^ãî»òð³îÇ§
0125 C.               ðð[HK1_DMP_CHK_FLG]        EQ     NON
0126 C. RAM ID=NMOGãîîÈ¹Ç·è²îOKòð³îÇ§
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.               ðð[HK1_DMP_TOP_ADRS_1]      EQ     41
0132 C.               ðð[HK1_DMP_TOP_ADRS_0]      EQ      0
0133 C.               ðð[HK1_DMP_BLOCK_NUM]       EQ     127
0134 C.               ðð[HK1_DMP_REPEAT_NUM]      EQ      0
0135 C.               ðð[HK1_DMA_DMP_PIM]         EQ     DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC      (07 0b f8)
0138 C.               ðð[HK1_PKT_FORM_NO]         EQ      7
0139 C.               ðð[HK1_PKT_GEN_TIME]        EQ     0.25 s
0140 C.               ðð[HK1_S_TLM_BIT_RATE]      EQ     32k
0141 C.               ðð[HK1_X_TLM_BIT_RATE]      EQ      4M
0142 C.               ðð[HK1_DMP_CHK_FLG]        EQ     EXEC
0143 C. YAY6Yx½^ãî»òð³îÇ§
0144 C.               ðð[HK1_DMP_CHK_FLG]        EQ     NON
0145 C. RAM ID=NMOGãîîÈ¹Ç·è²îOKòð³îÇ§
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.               ðð[HK1_DMP_TOP_ADRS_1]      EQ     42
0151 C.               ðð[HK1_DMP_TOP_ADRS_0]      EQ      0
0152 C.               ðð[HK1_DMP_BLOCK_NUM]       EQ     65
0153 C.               ðð[HK1_DMP_REPEAT_NUM]      EQ      0
0154 C.               ðð[HK1_DMA_DMP_PIM]         EQ     DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC      (07 0b f8)
0157 C.               ðð[HK1_PKT_FORM_NO]         EQ      7
0158 C.               ðð[HK1_PKT_GEN_TIME]        EQ     0.25 s
0159 C.               ðð[HK1_S_TLM_BIT_RATE]      EQ     32k
0160 C.               ðð[HK1_X_TLM_BIT_RATE]      EQ      4M
0161 C.               ðð[HK1_DMP_CHK_FLG]        EQ     EXEC
0162 C. YAY6Yx½^ãî»òð³îÇ§
0163 C.               ðð[HK1_DMP_CHK_FLG]        EQ     NON
0164 C. RAM ID=NMOG,RAM ID=OPãîîÈ¹Ç·è²îOKòð³îÇ§
0165 C.
0166 C. *****  òÈ²¼òîîÈ¹Ç·è²îOKòð³îÇ§  (½âµ-YAY6Yx½ê¼ÇòððÁŒæç½^ãî»òð³îÇ§  *****
0167 C. DHUãâ;¼YE;È¼Y½;Yi;¼YE;Èòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC      (02 0a f8)
0170 C.               ðð[HK1_PKT_FORM_NO]         EQ      2
0171 C.               ðð[HK1_PKT_GEN_TIME]        EQ     0.5S
0172 C.               ðð[HK1_S_TLM_BIT_RATE]      EQ     32K
0173 C.               ðð[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-Ã÷;¿@NGãîîÈ¹Ç·è²îOKòð³îÇ§  òÈ²¼òîîÈ¹Ç·è²îOKòð³îÇ§  òÈ²¼òîîÈ¹Ç·è²îOKòð³îÇ§  òÈ²¼òîîÈ¹Ç·è²îOKòð³îÇ§
0180 C.
0181 C.
0182 C. TIY³YþY6YÈòððÁî¿(UT)
0183 +. TI 2009-05-30 11:05:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C.               ðð[HK1_TI_CMD_NUM]          EQ     1COUNTUP
0186 C.
0187 +. TI 2009-05-30 11:05:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C.               ðð[HK1_TI_CMD_NUM]          EQ     1COUNTUP
0190 C.
0191 +. TI 2009-05-30 11:05:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C.               ðð[HK1_TI_CMD_NUM]          EQ     1COUNTUP

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0194 C.
0195 +. TI 2009-05-30 11:09:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                      EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄè%îíñαîî¥Á¥§¥Á¥-¹àîü
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. TIîî°è¥Á¥Ö¥×
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. ¥Á¥Ö¥×½ªî»αò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]                      EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLαîî¾Ê¹ç•è²îOKαò³îç§
0229 C.
0230 C. DHU¥â;¼¥Ê;Ê¼¥½. ¥î;¼¥Ê;Êαòîãα¹
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. ***** AOCs Commands (Tracking Curve Upload) *****
0239 C. Upload the Orbit Element and the Target Attitude
0240 C. RAM-ID:TARGET_ATT
0241 S. RAM ram-150:TARGET_ATT
0242 C. ( )
0243 C.
0244 C.
0245 C. Set the dump memory area of TARGET_ATT
0246 +. DC 02-48 AOCU_DUMP_SET
0247 BC      (07 00 00 00 18 00)
0248 C.
0249 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0250 C.
0251 C.
0252 C. Change the TLMFormatNo for the AOCs Dump Format
0253 +. DC 01-22 DHU_MODE_CHNG
0254 BC      (04 0b f8)
0255 C.
0256 C. Wait for AOCSDUMP to end
0257 C.
0258 C. Check the dump memory
0259 C.
0260 C.          Result = OK [ ]
0261 C.
0262 +. DC 01-22 DHU_MODE_CHNG
0263 BC      (02 0a f8)
0264 C.
0265 C.          <A_***>[TLM STS] FMT = 2 [ ]
0266 C.
0267 +. DC 02-8E AOCU_ORB_UPD
0268 C.
0269 C. *****
0270 C. SOT TI command set
0271 C. *****
0272 C. Execute, after the success of OP upload.
0273 +. TI 2009-05-30 11:09:16.0
0274 DC 07-F0 MDP_SOT_MODE_STBY
0275 BC      (41)
0276 C. -----
0277 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0278 C. -----
0279 C. ***** SOT END *****
0280 C. Stop EIS observation and temporarily disable EIS mode changes
0281 C.
0282 C.
0283 C. ***** Start EIS operation (TI set) *****
0284 C. Execute, after the success of OP upload.
0285 C. Set EIS TI-commands
0286 +. TI 2009-05-30 11:09:30.0
0287 DC 07-FC EIS_MODE_MANU
0288 BC      (21 02)
0289 +. TI 2009-05-30 11:09:40.0
0290 DC 07-FC EIS_MODE_CHG_DIS
0291 BC      (22)

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0292 . C. [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0293 C. ***** End EIS operation (TI set) *****
0294 C.
0295 C.
0296 C.
0297 C. ***** XRT START *****
0298 C. Execute, after the success of OP upload.
0299 +. TI 2009-05-30 11:09:00.0
0300 DC 07-F0 MDP_XRT_MODE_STBY
0301 BC (c3)
0302 . C. [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0303 C.
0304 C. ***** XRT END *****
0305 C.
0306 . C. ***** MDP 'úÃîî»ö¼ÝðÊÂð¹æDCBC•x²è *****
0307 C. (¼ã°îÝÓÝÃÝÊÝÞÝËÝáÝçÝèæ¼¼¼¼¼»Û¹æè)
0308 . S. DC-BC dcbc-402:DCBC
0309 (MDP_known_event)
0310 C.
0311 C.
0312 . C. ***** ÝÐÝ¹•Ï Daily±¿ÎÑæ'Ø¹æDCBC•x²è *****
0313 . S. DC-BC dcbc-153:DCBC
0314 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0315 C.
0316 C.
0317 . C. ;ãLOSÝÁÝ§ÝÃÝ⁻¼Ã»Û;ã
0318 C.
0319 . C. ***** LOS *****
0320 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-625 2009-05-30 12:45:44 98 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁY$;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿òÁò•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈòÈ¼°ÇÒò•ò¿¼í¹çòÍ;çÁ®, ùò¹òèòòòçÁ+¿®ò•òÈòòò³òÈ;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-267: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. < Resume FG table (auto mode) >
0036 +. DC 07-F0 MDP_FG_CTRL_AUTO
0037 BC (50)
0038 . C. -----
0039 C. MDP_FG_CTRL_MODE = AUTO [ ]
0040 C. -----
0041 C.
0042 C. *****
0043 C. SOT TI command set
0044 C. *****
0045 C. Execute, after the success of TBL upload.
0046 +. TI 2009-05-30 11:09:18.0
0047 DC 07-F0 MDP_SOT_MODE_OBSV
0048 BC (40)
0049 . C. -----
0050 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0051 C. -----
0052 C.
0053 C. Only when FG_CTRL_AUTO is used in RT.
0054 +. TI 2009-05-30 11:09:20.0
0055 DC 07-F0 MDP_FG_CTRL_AUTO
0056 BC (50)
0057 . C. -----
0058 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0059 C. -----
0060 C. ***** SOT END *****
0061 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0062 +. DC 07-FC EIS_MODE_MANU
0063 BC (21 02)
0064 . C. Verify EIS in MANUAL mode
0065 . C. Estimated OBSTBL upload time is 35s
0066 C. *****
0067 C. EIS START OBSTBL LOAD
0068 C. *****
0069 . S. RAM ram-820:EIS_OBSTBL
0070 ( )
0071 +. DC 07-FC EIS_DUMP_OBSTBL
0072 BC (07 07 07 00 00 70 00)
0073 C.
0074 C. Execute, after the success of OBSTBL upload.
0075 C. Set EIS TI-commands
0076 +. TI 2009-05-30 11:09:50.0
0077 DC 07-FC EIS_MODE_CHG_ENA
0078 BC (20)
0079 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0080 C. *****
0081 C. EIS END OBSTBL LOAD
0082 C. *****
0083 C.
0084 . C. ***** MDP `úÁíòí»ò¼YòÈÁòò¹òèDCBC•x²è *****
0085 C. (¼á°íYÓYÁYÈY¥YÉYÁYçYèòÈ¼°¼Á»Ûò¹òé)
0086 . S. DC-BC dcbc-402:DCBC
0087 (MDP_known_event)
0088 C.
0089 C.
0090 . C. ***** YD¥¹•í Daily±¿ÍÑòÈ´Øò¹òèDCBC•x²è *****
0091 . S. DC-BC dcbc-153:DCBC
0092 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0093 C.
0094 C.
0095 . C. ;ãLOSÁY$YÁY-¼Á»Û;ã
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0096 C.
0097 . C. ***** LOS *****
0098 C.


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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 80 80 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 0f 80 80 04 04)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 10 80 80 10 10)
0132 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0133 BC (c4 12)
0134 + DC 07-F0 MDP_XRT_ARS_DIS
0135 BC (d5)
0136 + DC 07-F0 MDP_XRT_FLD_DIS
0137 BC (d9)
0138 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0139 BC (c9)
0140 . C. ----- Success Verify ? OK / NG ____
0141 C.
0142 C.
0143 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0144 C.
0145 +. DC 07-F0 MDP_XRT_MODE_OBSV
0146 BC (c2)
0147 + DC 07-F0 MDP_XRT_CTRL_AUTO
0148 BC (c0)
0149 +. TI 2009-05-30 11:09:02.0
0150 DC 07-F0 MDP_XRT_MODE_OBSV
0151 BC (c2)
0152 +. TI 2009-05-30 11:09:04.0
0153 DC 07-F0 MDP_XRT_CTRL_AUTO
0154 BC (c0)
0155 . C. ----- Success Verify ? OK / NG ____
0156 C.
0157 C. ***** XRT END *****
0158 C.
0159 . C. ***** MDP `úãîñï»ö%ýñèãðñ¹ñèDCBC•x²è *****
0160 C. (%á°îÿóÿáÿêÿíÿðÿéáÿçÿèè%¼ññ¼Á»Ûñ¹è)
0161 . S. DC-BC dcbbc-402:DCBC
0162 (MDP_known_event)
0163 C.
0164 C.
0165 . C. ***** ¥Ðÿ¹•ï Daily±;îññè´øñ¹ñèDCBC•x²è *****
0166 . S. DC-BC dcbbc-153:DCBC
0167 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0168 C.
0169 C.
0170 . C. ÿãL0$ÿÁÿ$ÿÃÿ~¼Á»Û;ä
0171 C.
0172 . C. ***** LOS *****
0173 C.

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*** OP Sequence for XRT ***

2009/05/30	11:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	11:19:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/30	11:20:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2009/05/30	11:20:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/30	11:20:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/30	11:20:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/30	11:20:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/30	11:23:02.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/30	12:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/05/30	12:00:16.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/30	12:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/30	12:00:20.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/30	12:00:22.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/30	12:00:24.5	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2009/05/30	12:03:00.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	12:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	13:00:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	14:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	14:43:30.0	XRT_Custom_430_OG [0x1ae]							
2009/05/30	14:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	15:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	16:32:30.0	XRT_Custom_430_OG [0x1ae]							
2009/05/30	16:33:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	17:27:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	18:09:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	18:09:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/05/30	18:09:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/05/30	18:09:46.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/30	18:09:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/30	18:09:50.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/30	18:12:28.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2009/05/30	18:12:30.0	XRT_CTRL_AUTO_440_OG [0x1b8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	18:20:00.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	18:20:02.5	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/05/30	18:20:22.5	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/30	18:20:24.5	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/30	18:20:26.5	XRT_ARS_DIS_437_OG [0x1b5]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/30	18:20:28.5	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/05/30	18:20:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	19:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	19:46:30.0	XRT_Custom_430_OG [0x1ae]							
2009/05/30	19:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/30	20:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/30	20:00:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/05/30	20:00:22.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/05/30	20:00:24.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/30	20:00:26.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/30	20:00:28.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2009/05/30	20:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/30	20:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/30	21:23:30.0	XRT_Custom_430_OG [0x1ae]							
2009/05/30	21:24:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/30	21:49:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/30	21:49:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/30	21:49:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00
2009/05/30	21:49:46.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/05/30	21:49:48.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/30	21:49:50.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/30	21:49:52.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/30	21:49:54.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2009/05/30	21:52:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/30	22:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/30	22:59:00.0	XRT_Custom_430_OG [0x1ae]							
2009/05/30	23:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	00:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	00:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	01:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	02:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	03:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	03:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	04:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	05:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	05:56:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	05:56:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/05/31	05:56:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2009/05/31	05:56:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/31	05:56:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/31	05:56:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/31	05:59:28.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2009/05/31	05:59:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	06:06:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	06:06:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/05/31	06:06:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00
2009/05/31	06:06:46.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/05/31	06:06:48.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/05/31	06:06:50.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/05/31	06:06:52.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/05/31	06:06:54.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2009/05/31	06:09:30.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	06:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	07:04:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/05/31	08:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/05/31	08:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							

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2009/05/31	08:29:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		XRT_FOCUS_POSITION		4	07-F8	22 fe 97 00	
2009/05/31	08:30:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04 00 00 00 00	
2009/05/31	08:30:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2009/05/31	08:30:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/05/31	08:30:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/31	08:30:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/31	08:30:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/31	08:42:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	09:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	10:21:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	11:25:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	11:25:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/05/31	11:25:22.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2009/05/31	11:25:24.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/05/31	11:25:26.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/31	11:25:28.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/31	11:25:30.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/31	11:28:08.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	12:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00	
2009/05/31	12:05:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	12:05:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/05/31	12:06:16.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/05/31	12:06:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/31	12:06:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/31	12:06:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/31	12:06:24.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2009/05/31	12:09:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	13:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	13:38:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	14:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	15:22:30.0	XRT_Custom_430_OG [0x1ae]					
2009/05/31	15:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	16:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	17:09:30.0	XRT_Custom_430_OG [0x1ae]					
2009/05/31	17:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	17:50:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	17:50:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/05/31	17:51:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/05/31	17:51:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/05/31	17:51:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/05/31	17:51:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/05/31	17:53:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2009/05/31	17:54:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	18:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	18:46:00.0	XRT_Custom_430_OG [0x1ae]					
2009/05/31	18:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/05/31	19:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/05/31	20:23:30.0	XRT_Custom_430_OG [0x1ae]					

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2009/05/31	20:24:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/31	21:22:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/31	21:30:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/31	21:30:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/31	21:31:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/05/31	21:31:16.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/05/31	21:31:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/31	21:31:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/31	21:31:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/31	21:31:24.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2009/05/31	22:00:00.0	XRT_Custom_430_OG [0x1ae]							
2009/05/31	22:01:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/31	23:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/31	23:34:30.0	XRT_Custom_430_OG [0x1ae]							
2009/05/31	23:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/01	00:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/01	00:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/01	00:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/06/01	01:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 ac 00 00 00				
2009/06/01	01:00:16.0	XRT_QT_PROG_SET_411_OG [0x19b]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2009/06/01	01:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/01	01:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/01	01:00:22.0	XRT_FLRCTRL_DIS_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/01	01:15:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/01	02:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/01	02:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/06/01	03:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 54 00				
2009/06/01	03:00:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/06/01	03:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/01	03:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/01	03:00:22.0	XRT_FLRCTRL_DIS_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/01	03:15:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/01	06:07:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/01	06:07:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/06/01	06:08:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/06/01	06:08:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/01	06:08:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/01	06:08:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/01	06:10:58.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/06/01	06:11:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/01	06:17:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/01	06:17:56.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/06/01	06:17:58.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/01	06:18:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/06/01	06:18:00.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/01	06:18:02.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/01	06:18:04.5	XRT_FOCUS_RECALIBRATE_446_OG [0x1be]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2009/06/01	06:22:04.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							

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2009/06/01	06:22:24.5	XRT_QT_PROG_SET_414_OG [0x19e]	4	07-F8	22	fe	97	00
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2009/06/01	06:25:00.5	XRT_CTRL_AUTO_403_OG [0x193]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c1			
2009/06/01	07:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	08:15:00.0	AOCS_ORe-point_Start_3_OG [0x099]	5	02-76	04	00	00	00
		AOCU_NM	5	02-76	04	00	00	00
2009/06/01	08:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	08:29:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	4	07-F8	22	fe	97	00
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/06/01	08:30:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]	2	07-F0	c4	12		
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2009/06/01	08:30:18.0	XRT_AEC_RESET_415_OG [0x19f]	1	07-F0	d0			
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/06/01	08:30:20.0	XRT_ARS_DIS_422_OG [0x1a6]	1	07-F0	d5			
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/06/01	08:30:22.0	XRT_FLD_DIS_445_OG [0x1bd]	1	07-F0	d9			
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/06/01	08:30:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	1	07-F0	c9			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/06/01	08:33:02.0	XRT_CTRL_AUTO_403_OG [0x193]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	08:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	09:20:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	10:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	10:58:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	4	07-F8	22	fe	97	00
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/06/01	12:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	5	02-76	01	00	00	00
		AOCU_NM	5	02-76	01	00	00	00
2009/06/01	12:00:16.0	XRT_AEC_RESET_415_OG [0x19f]	1	07-F0	d0			
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/06/01	12:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]	1	07-F0	d5			
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/06/01	12:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]	1	07-F0	d9			
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/06/01	12:00:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	1	07-F0	c9			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/06/01	12:00:24.0	XRT_QT_PROG_SET_414_OG [0x19e]	2	07-F0	c4	02		
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2009/06/01	12:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	12:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	12:37:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	13:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	14:15:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	15:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	16:09:30.0	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	16:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	17:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	17:46:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	17:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	18:01:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	18:01:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	4	07-F8	22	ff	aa	00
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/06/01	18:02:00.0	AOCS_ORe-point_Start_2_OG [0x098]	5	02-76	00	00	00	00
		AOCU_NM	5	02-76	00	00	00	00
2009/06/01	18:02:16.0	XRT_FLD_DIS_419_OG [0x1a3]	1	07-F0	d9			
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/06/01	18:02:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	1	07-F0	c9			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/06/01	18:02:20.0	XRT_ARS_DIS_410_OG [0x19a]	1	07-F0	d5			
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/06/01	18:04:58.0	XRT_QT_PROG_SET_407_OG [0x197]	2	07-F0	c4	09		
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2009/06/01	18:05:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	18:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/06/01	19:23:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	19:24:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	1	07-F0	c0			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/06/01	20:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	1	07-F0	c1			

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2009/06/01	21:00:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/01	21:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/01	21:41:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/01	21:41:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/06/01	21:42:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00	
2009/06/01	21:42:16.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/06/01	21:42:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/06/01	21:42:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/06/01	21:42:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/06/01	21:42:24.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2009/06/01	21:45:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/01	21:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/01	22:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/01	22:37:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/01	23:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	00:06:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	01:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	01:45:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	02:50:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	03:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	04:19:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	05:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	05:32:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	05:32:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/06/02	05:32:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/06/02	05:32:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/06/02	05:32:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/06/02	05:32:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/06/02	05:35:28.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/06/02	05:35:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	05:42:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	05:42:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/06/02	05:42:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00	
2009/06/02	05:42:46.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/06/02	05:42:48.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/06/02	05:42:50.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/06/02	05:42:52.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/06/02	05:42:54.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2009/06/02	05:45:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	06:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	06:40:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/06/02	07:40:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	08:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04 00 00 00 00	
2009/06/02	08:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/06/02	08:19:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/06/02	08:20:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2009/06/02	08:20:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	

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2009/06/02	08:20:20.0	XRT_ARS_DIS_422_OG [0x1a6]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2009/06/02	08:20:22.0	XRT_FLD_DIS_445_OG [0x1bd]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2009/06/02	08:20:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2009/06/02	08:23:02.0	XRT_CTRL_AUTO_403_OG [0x193]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2009/06/02	09:55:54.0	XRT_CTRL_MANU_428_OG [0x1ac]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2009/06/02	09:56:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00