

XRT Timeline to be uploaded on 2009/10/13

Period: 2009/10/13 11:04:00 - 2009/10/17 09:13:00

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Normal mode

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XOB #1722: AR multifilter Q95 - hot plasma - FOV768 (2x2) - AEC1 thin filters

Term	Pointing (x, y)	Comment
10/13 11:16:58 - 10/13 11:43:54	Track (-692.6, -464.1) ^{Ⓜ 10/13 11:14:00}	Track New AR appearing at SE limb (HOP 136, 11 - 15 UT, HOP 133 15 - 18 UT)
10/13 13:46:58 - 10/13 14:00:00	Track (-692.6, -464.1) ^{Ⓜ 10/13 11:14:00}	Track New AR appearing at SE limb (HOP 136, 11 - 15 UT, HOP 133 15 - 18 UT)
10/14 10:55:30 - 10/14 11:10:00	Track (-586.2, -476.0) ^{Ⓜ 10/14 06:33:00}	Track the AR (HOP 133, 8 - 11 UT, after that HOP 136)
10/14 13:48:04 - 10/14 14:00:01	Track (-586.2, -476.0) ^{Ⓜ 10/14 06:33:00}	Track the AR (HOP 133, 8 - 11 UT, after that HOP 136)
10/14 17:33:04 - 10/14 17:46:30	Track (-586.2, -476.0) ^{Ⓜ 10/14 06:33:00}	Track the AR (HOP 133, 8 - 11 UT, after that HOP 136)

PROG= 12 Inf.-time(s)

Subr= 1	1-time(s)	300.0sec
Seqn= 64	1-time(s)	4.0sec
Open/Al-mesh	Open/Ti-poly close	Safe Norm 250ms Obs 2x2 768x768 (1064, 1048) Q=95 1 0 2.0sec
Open/Ti-poly	thin-Be/Open close	Safe Norm 250ms Obs 2x2 768x768 (1064, 1048) Q=95 1 0 2.0sec
Seqn= 63	1-time(s)	4.0sec
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 250ms Obs 2x2 768x768 (1064, 1048) Q=95 1 0 2.0sec
C-poly/Open	C-poly/Open close	Safe Norm 250ms Obs 2x2 768x768 (1064, 1048) Q=95 1 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 5.66s Obs 2x2 768x768 (1064, 1048) Q=95 1 0 2.0sec
med-Be/Open	med-Al/Open close	Safe Norm 11.3s Obs 2x2 768x768 (1064, 1048) Q=98 0 0 2.0sec
med-Al/Open	med-Al/Open close	Safe Norm 11.3s Obs 2x2 768x768 (1064, 1048) Q=98 0 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #1721: HOP136 ondisk AR

Term	Pointing (x, y)	Comment
10/13 11:47:00 - 10/13 13:43:54	Track (-692.6, -464.1) ^{Ⓜ 10/13 11:14:00}	Track New AR appearing at SE limb (HOP 136, 11 - 15 UT, HOP 133 15 - 18 UT)
10/13 14:03:06 - 10/13 15:00:00	Track (-692.6, -464.1) ^{Ⓜ 10/13 11:14:00}	Track New AR appearing at SE limb (HOP 136, 11 - 15 UT, HOP 133 15 - 18 UT)
10/14 11:13:04 - 10/14 13:45:00	Track (-586.2, -476.0) ^{Ⓜ 10/14 06:33:00}	Track the AR (HOP 133, 8 - 11 UT, after that HOP 136)
10/14 14:03:07 - 10/14 17:30:00	Track (-586.2, -476.0) ^{Ⓜ 10/14 06:33:00}	Track the AR (HOP 133, 8 - 11 UT, after that HOP 136)

PROG= 09 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec
Seqn= 12	1-time(s)	4.0sec
Open/G-band	Open/G-band open	Safe Norm 44ms Obs 1x1 384x384 (1064, 1048) Q=95 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly close	Safe Dark 1.00s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 2x2 768x768 (1064, 1048) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 4x4 1024x1024 (1064, 1048) Q=98 0 0 2.0sec
Subr= 2	15-time(s)	2.0sec
Seqn= 4	1-time(s)	2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 125ms Obs 4x4 1024x1024 (1064, 1048) Q=92 2 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Norm 177ms Obs 4x4 1024x1024 (1064, 1048) Q=92 2 0 2.0sec
Seqn= 61	60-time(s)	30.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=85 3 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #16C5: AR monitor - 3FOV core_Q85 around_outre_Q92 - draft

Term	Pointing (x, y)	Comment
10/13 15:03:04 - 10/13 18:04:24	Track (-692.6, -464.1) ^{Ⓜ 10/13 11:14:00}	Track New AR appearing at SE limb (HOP 136, 11 - 15 UT, HOP 133 15 - 18 UT)
10/13 22:24:28 - 10/14 06:22:54	Track (-634.6, -471.2) ^{Ⓜ 10/13 22:14:30}	Track the AR
10/14 06:35:58 - 10/14 10:49:00	Track (-586.2, -476.0) ^{Ⓜ 10/14 06:33:00}	Track the AR (HOP 133, 8 - 11 UT, after that HOP 136)
10/15 06:09:58 - 10/15 09:45:00	Track (-430.6, -487.1) ^{Ⓜ 10/15 06:07:00}	Track the AR (HOP 133, 8 - 11 UT, after that HOP 136)

PROG= 15 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec
Seqn= 12	1-time(s)	4.0sec
Open/G-band	Open/G-band open	Safe Norm 44ms Obs 1x1 384x384 (1064, 1048) Q=95 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly close	Safe Dark 1.00s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 2x2 768x768 (1064, 1048) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 4x4 1024x1024 (1064, 1048) Q=98 0 0 2.0sec
Subr= 2	15-time(s)	2.0sec
Seqn= 14	4-time(s)	60.0sec
Open/Ti-poly	Open/thick-Al close	Safe Norm 707ms Obs 1x1 384x384 (1064, 1048) Q=85 3 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=85 3 0 2.0sec
Seqn= 1	1-time(s)	4.0sec
Open/Al-mesh	Open/Ti-poly close	Safe Norm 354ms Obs 2x2 768x768 (1064, 1048) Q=92 2 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Norm 500ms Obs 2x2 768x768 (1064, 1048) Q=92 2 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 5.66s Obs 2x2 768x768 (1064, 1048) Q=92 2 0 2.0sec
Seqn= 4	1-time(s)	4.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 125ms Obs 4x4 1024x1024 (1064, 1048) Q=92 2 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Norm 177ms Obs 4x4 1024x1024 (1064, 1048) Q=92 2 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #171F: Synoptic Q95 2x2 - Al/poly(362/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) + Ti-poly(512/4096) + G-band(16

Term	Pointing (x, y)	Comment
10/13 18:07:30 - 10/13 18:20:54	Track (0.0, -0.0) ^{Ⓜ 10/13 18:04:30}	synoptic, shifted 4.5 min & EIS sensitivity monitoring
10/14 18:13:00 - 10/14 19:23:30	Fixed (0.0, 0.0)	synoptic, shifted 10.0 min

PROG= 04 1-time(s)													
└ Subr= 1 1-time(s) 12.0sec													
└ Seqn= 44 1-time(s) 4.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 2 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└ Seqn= 35 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= 11 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 #16A4: Synoptic 9 Filter- 2x2 Q98 Shorter exp

Term	Pointing (x, y)	Comment
10/13 18:22:00 - 10/13 22:01:30	Track (0.0, -0.0) @ 10/13 18:04:30	synoptic, shifted 4.5 min & EIS sensitivity monitoring

PROG= 10 1-time(s)													
└ Subr= 1 1-time(s) 180.0sec													
└ Seqn= 22 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= 23 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= 24 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= 62 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= 25 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= 26 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= 18 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= 19 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= 20 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= 11 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 #171E: Synoptic Q95 2x2 - Al/mesh(256/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) + Ti-poly(512/4096) + G-band(1

Term	Pointing (x, y)	Comment
10/14 06:26:00 - 10/14 06:32:54	Fixed (0.0, 0.0)	synoptic, shifted 23.0 min
10/15 06:00:00 - 10/15 06:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min

PROG= 05 1-time(s)													
└ Subr= 1 1-time(s) 12.0sec													
└ Seqn= 55 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= 2 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└ Seqn= 35 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= 11 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	

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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

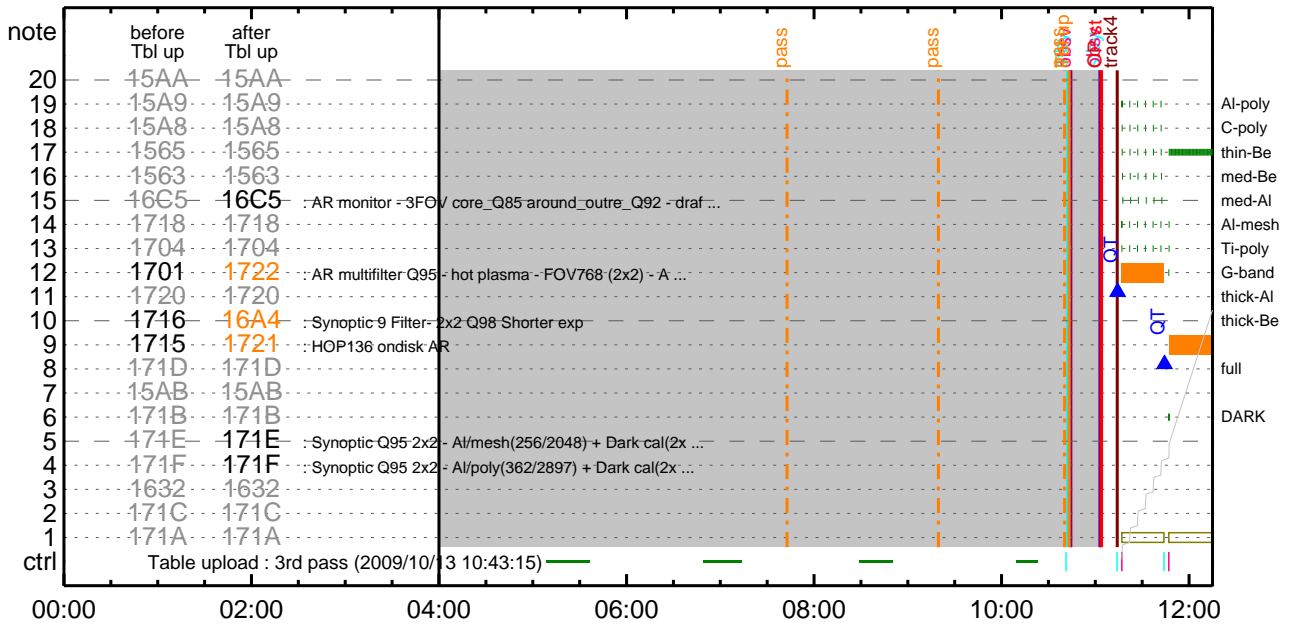
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Flare Detection

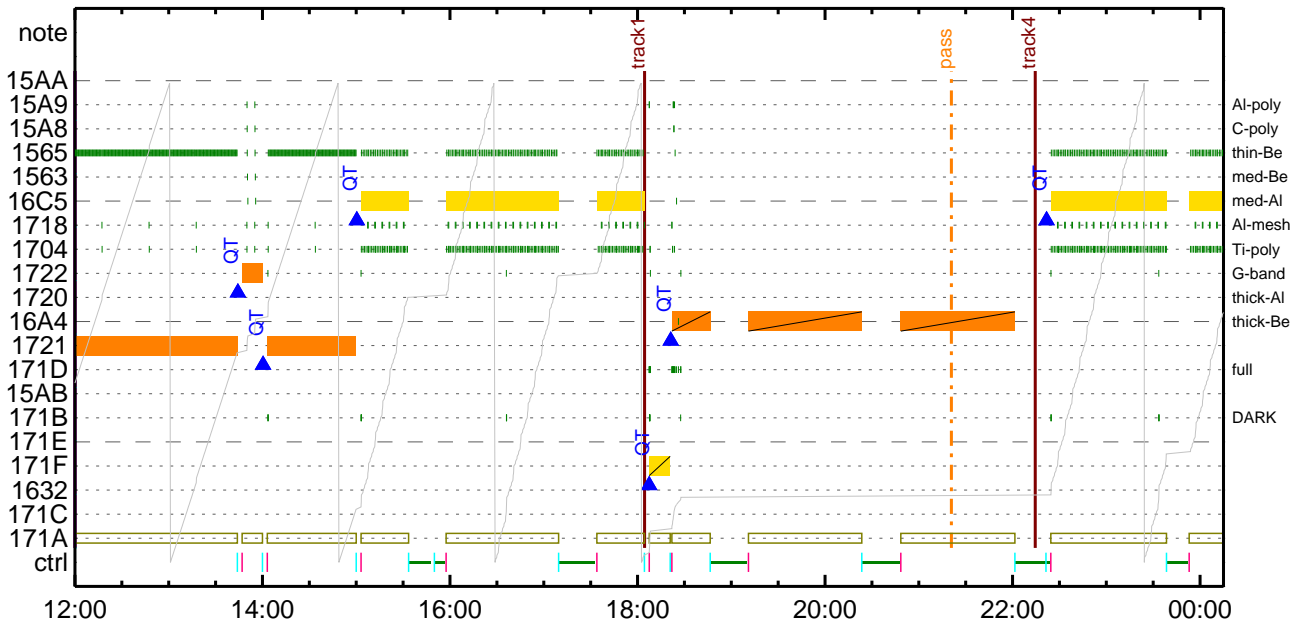
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NOT USED

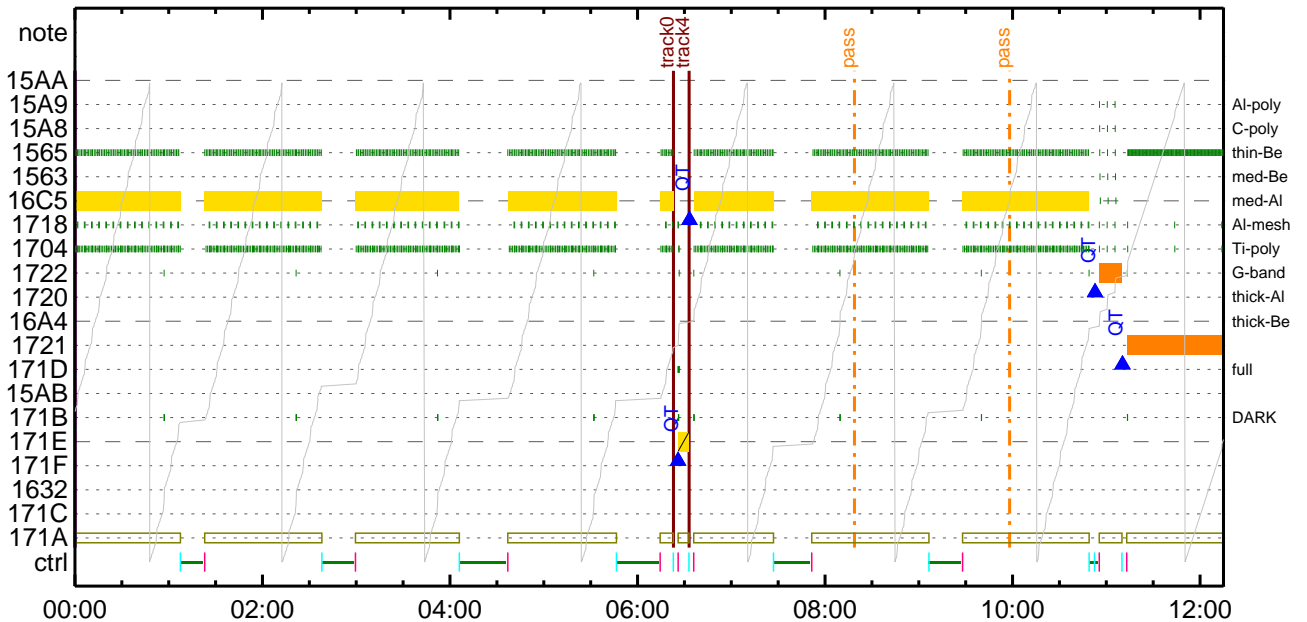
CMDI #0852 2009/10/13



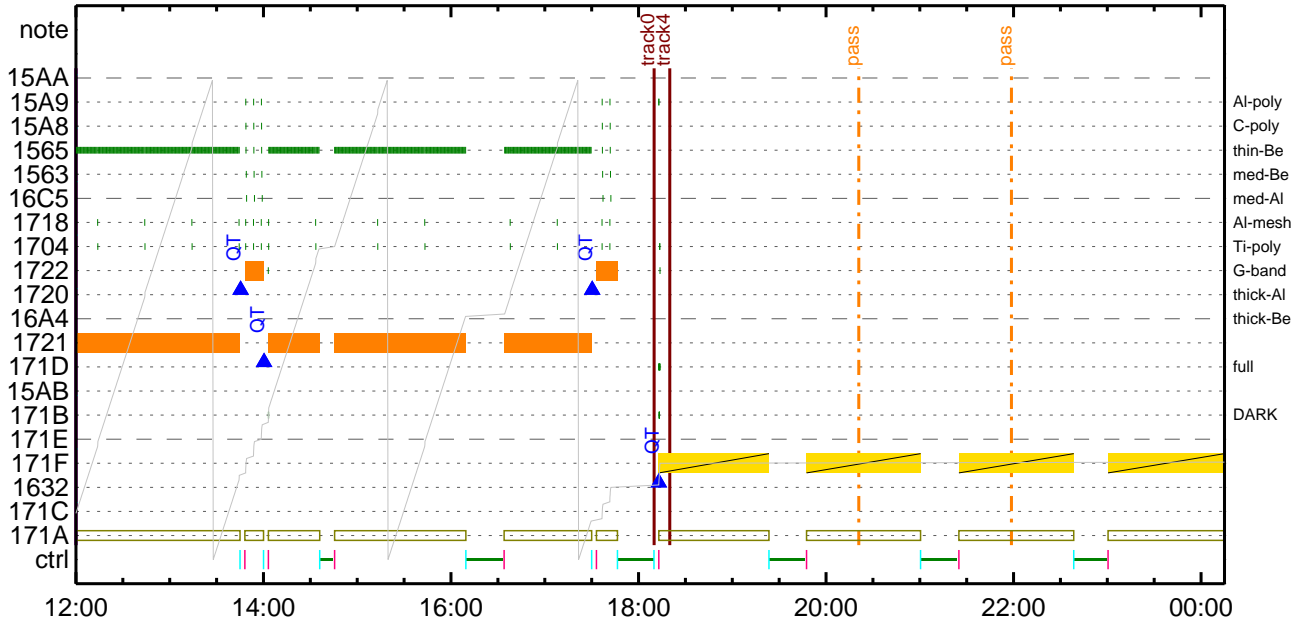
CMDI #0852 2009/10/13



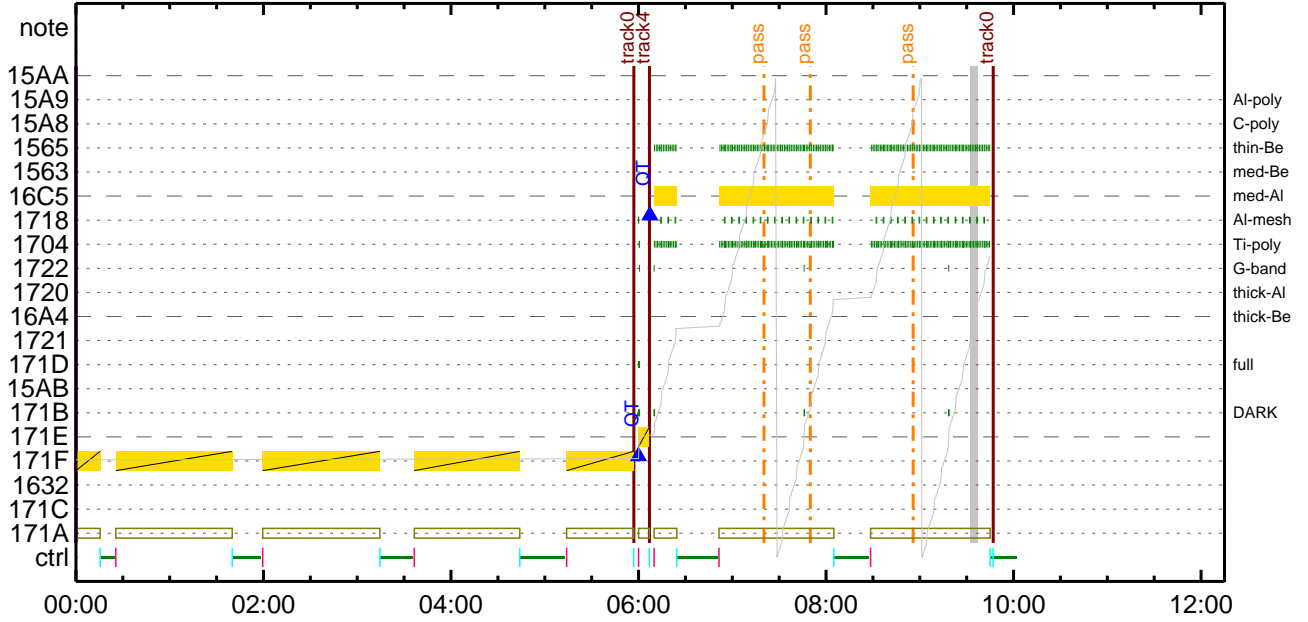
CMDI #0852 2009/10/14



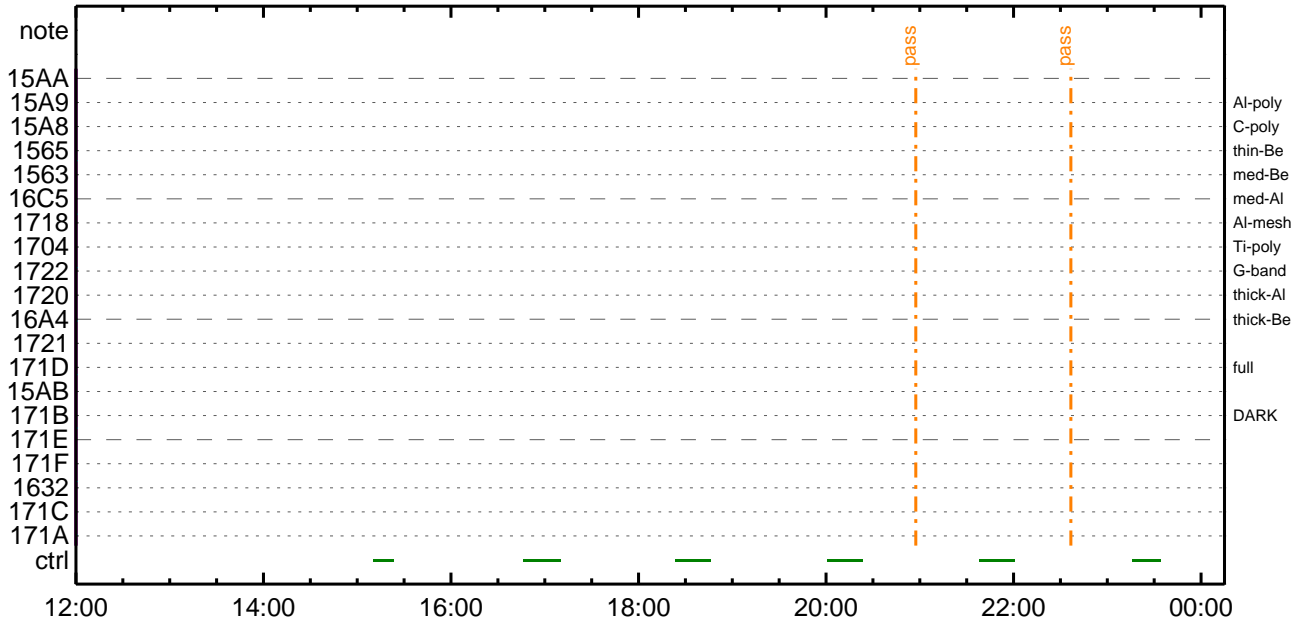
CMDI #0852 2009/10/14



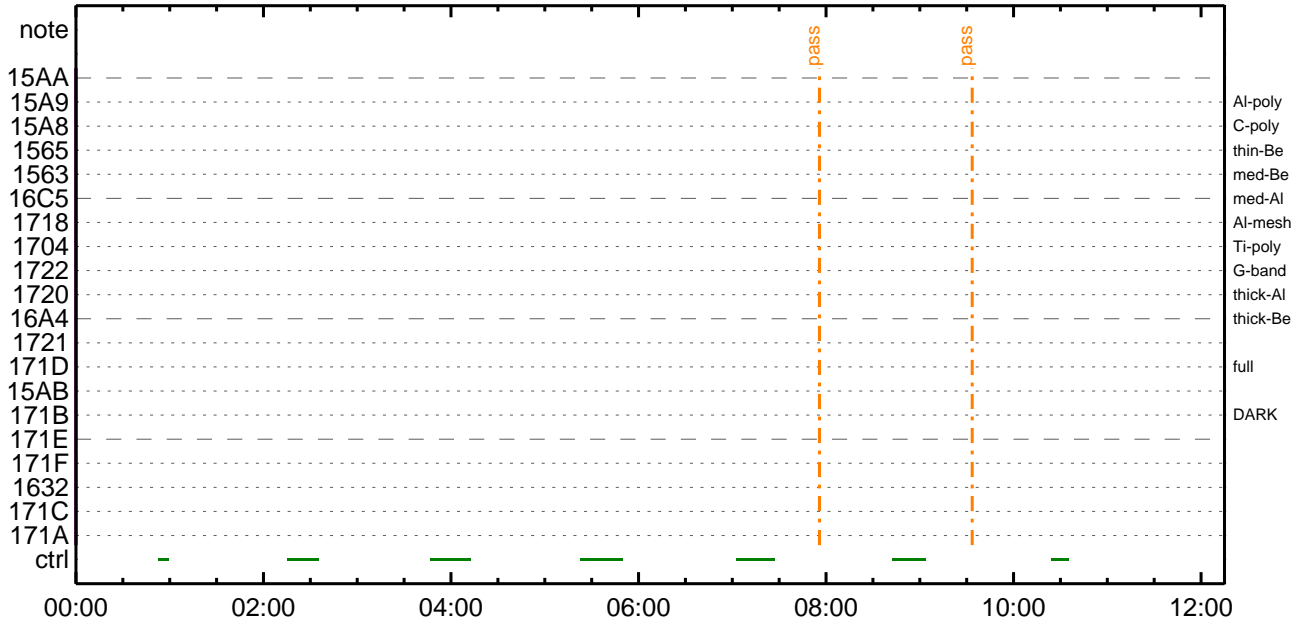
CMDI #0852 2009/10/15



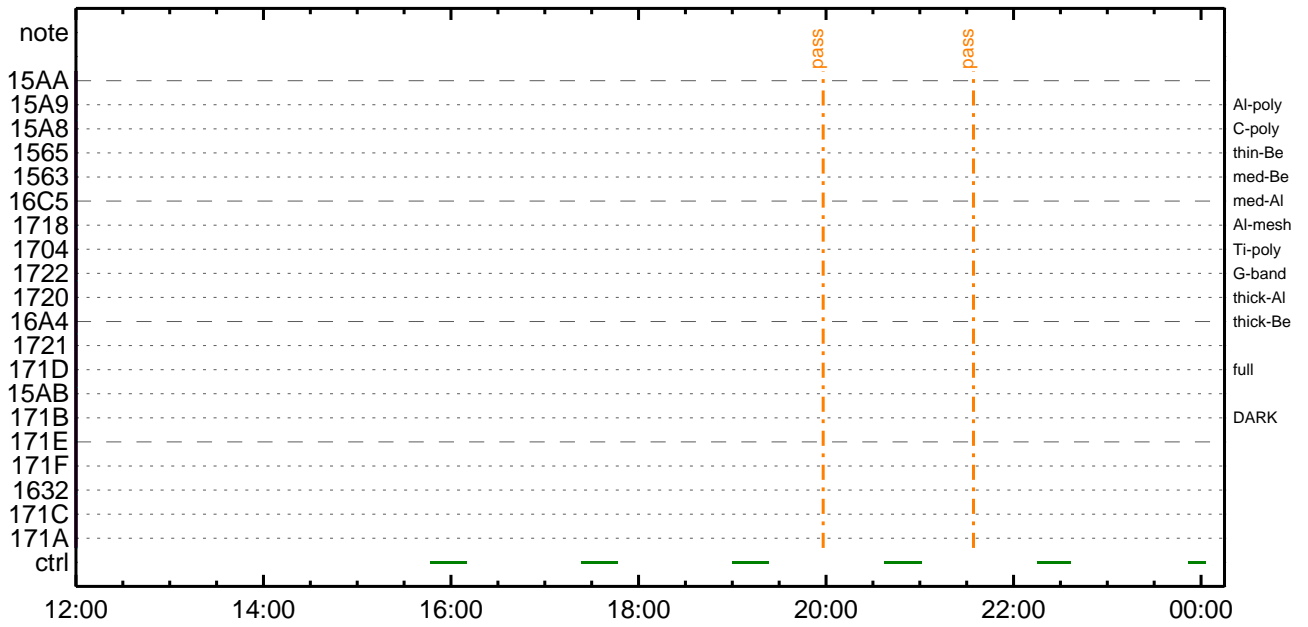
CMDI #0852 2009/10/15



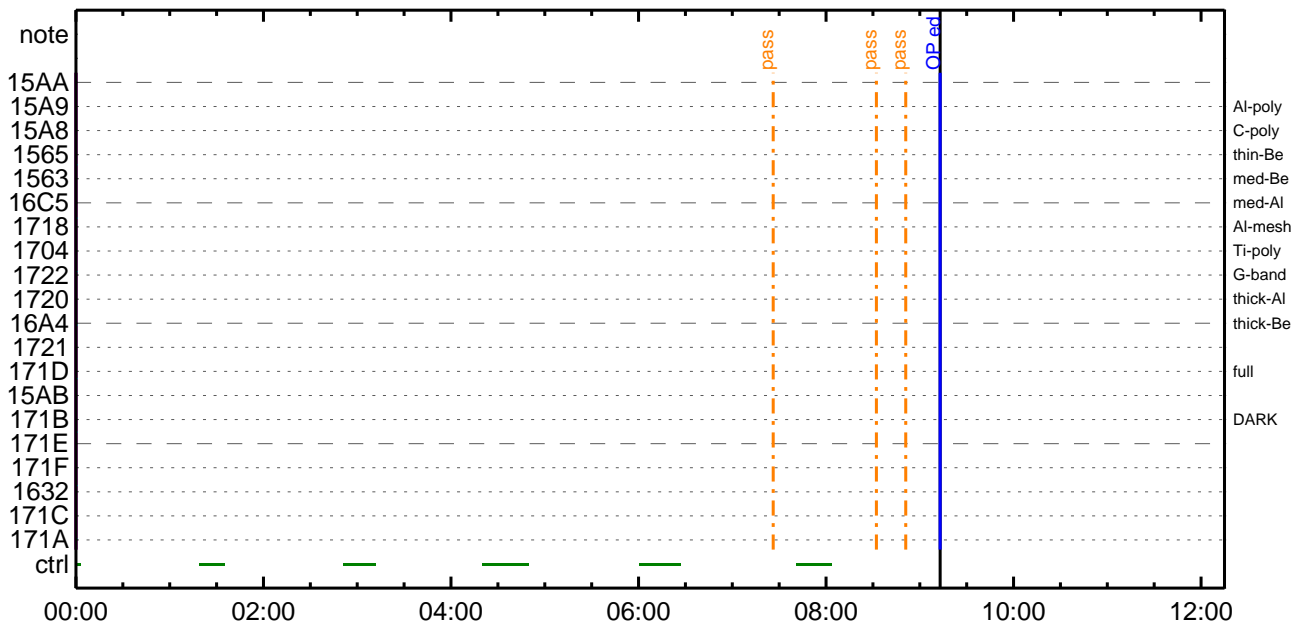
CMDI #0852 2009/10/16



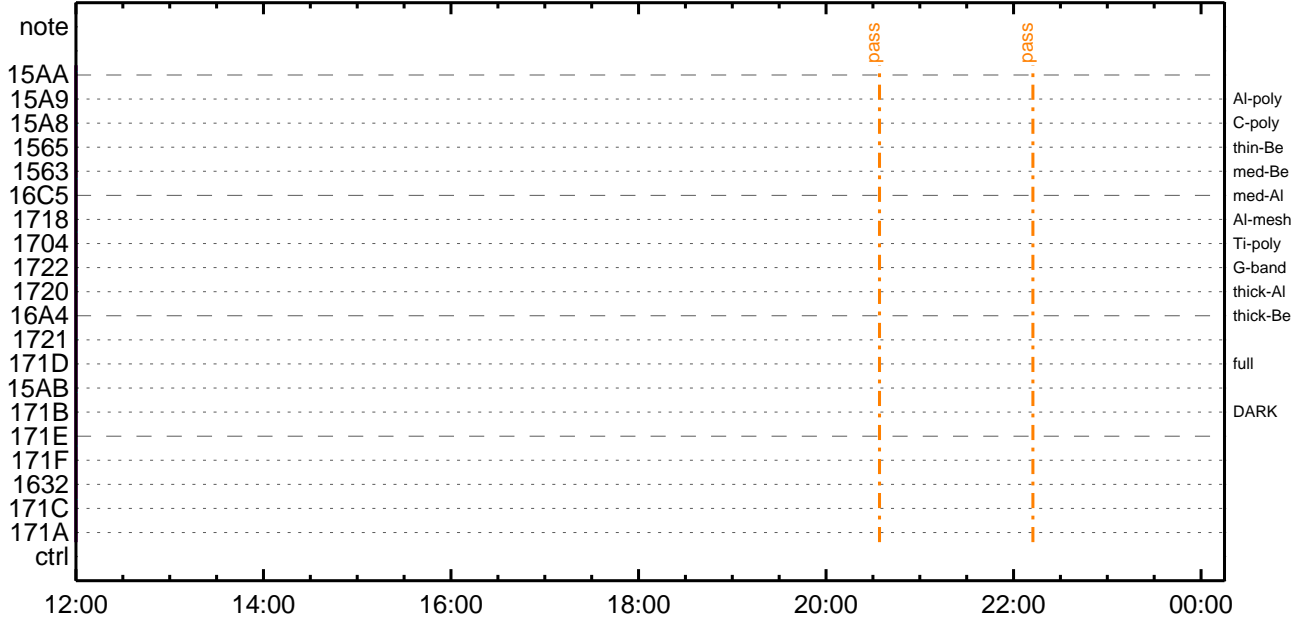
CMDI #0852 2009/10/16



CMDI #0852 2009/10/17



CMDI #0852 2009/10/17




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-905:OP
0104 ( )
0105 S. OG og-905:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYOYx;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. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼È¹ç•è²îOKò³îÇ§
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. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼È¹ç•è²îOKò³îÇ§
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. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼È¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °È²¼òî¼Ã´¶Á°òÈÈ¬ò°Á÷¿@ (¼âµ-YAYOYx½ªè¼çòðÁÔÃæç¼ª°¬òè¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;È¼Y½;Yî;4YE;Èòðîã¹
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 UPLOAD²-Á÷¿@NG²î¼î¹ç;ç°È²¼òî¼TI-CMDÁ÷¿@²î¼Á¹Ô²•²È²²²³òÈ;f
0180 C. ²²²¿;çSET²ÈDUMP²î¼±²îY¹²ç¹Ô²|²³²È;f
0181 C.
0182 C. TIY³Y²YóYÈ²òðÁDî¿(UT)
0183 +. TI 2009-10-13 10:59:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-10-13 10:59:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-10-13 10:59:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2009-10-13 11:03:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C.  °Ê²¼αîÄê%îîñαîŷÄŷ§ŷÄŷ-¹âiü
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°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×½ªî»αð³îÇ§
0226 C.          çç[HK1_DMP_CHK_FLG]           EQ      NON
0227 C.
0228 C.  RAM ID=TI_TBLαîî¼Ê¹ç•è²îOKαð³îÇ§
0229 C.
0230 C.  DHUŷâ;¼ŷÊ;Ê¼ŷ¼.ŷî;¼ŷÊ;Êαðîãα¹
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.  *****
0239 C.  SOT TI command set
0240 C.  *****
0241 C.  Execute, after the success of OP upload.
0242 +. TI 2009-10-13 11:03:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C.  -----
0246 C.  HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C.  -----
0248 C.  ***** SOT END *****
0249 C.  Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C.  ***** Start EIS operation (TI set) *****
0253 C.  Execute, after the success of OP upload.
0254 C.  Set EIS TI-commands
0255 +. TI 2009-10-13 11:03:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2009-10-13 11:03:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]            EQ      2 COUNTUP
0262 C.  ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C.  ***** XRT START *****
0267 C.  Execute, after the success of OP upload.
0268 +. TI 2009-10-13 11:03:00.0
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 ´ûÃîαî»ö¼ŷαÊÄα¹αèDCBC•x²è *****
0276 C.  (¼ã°îŷÖŷÄŷÊŷŷŷÄŷçŷèè¼αα¼Ã»Ûα¹αè)
0277 C.  S. DC-BC dcbc-402:DCBC
0278 C.  (MDP_known_event)
0279 C.
0280 C.
0281 C.  ***** ŷÐŷ¹•î Daily±çîñèË´Øα¹αèDCBC•x²è *****
0282 C.  S. DC-BC dcbc-153:DCBC
0283 C.  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C.  ;ãLOSŷÄŷ§ŷÄŷ-¼Ã»Û;ã
0287 C.
0288 C.  ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-906 2009-10-13 14:01:16 175 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYSYÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YBYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èò¿òÄò•μ°È»Í×ÁÇòÍYÇYÁY×YÍ;¼YÉ;ÈÈÈ%μ•ÍÉ;ÈòÈ¼°Çòò•ò¿¼Í¹ÇòÍ; ÇÀ®, ùò¹òÈòòòÇÁ+¿®ò•òÈòòò³òÈ; Æ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿μ;ON
0016 C. *****
0017 C. Ç" °ÈÀ, Í×ÈYòÄLOSòòÇòÍ»P´Òòò¹ÍÍ, ò•; ÇÈÓÍ×òÈXÁÓONòÍ¹ÒòÈò¹òÈòòò³òÈ; Æ
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. ÇÇ[HK1_XPA_ON/OFF] EQ ON
0025 C. ÇÇ[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. ÇÇ[HK1_XMOD_ON/OFF] EQ ON
0027 C. ÇÇ[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYDYÓYÉYÍYÁY-¾ÒÁòò•ò¿òé; Ç°È²¼òÍ°ÈÀ, ¼È%Çòò¼Á¹Òò¹òÈ; Æ
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼í°ÈÀ,
0033 C. *****
0034 C. Ç" RESTART; ÈPT1; Èò•ò¿òò¾¼Í¹ÇòÍ; Ç°È²¼òÍ¼Á¹Òò»ò°; ÇDCBC-150òØ¿Èòà; Æ
0035 C.
0036 . C. ;ãPT1°ÈÀ, ³«»Í;ã
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. ÇÇ[HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ò, ;¼Ú)
0043 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Á¹Ò, ;¼Ú)
0044 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ò, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYÓYÉYÈÁÛÁØ; ÈÁ•Á°²óÈò; È, áòÍ°ÈÀ, °È³«;ã
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ÇÇ[HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ò, ;¼Ú)
0050 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Á¹Ò, ;¼Ú)
0051 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ò, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÀ, ò-¼«È°Áà»òòò¿ò¿; á; Ç°È²¼òò¼Á¹Òò¹òÈ; Æ
0055 C. YÇYÓYÉYÈÁÛÁØòòÁ•Á°²óÈòò-¼áòò¾¼Í¹ÇòÍ°Í»ò¹òÈòòòÇÁÓòÁ; Æ
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼í°ÈÀ,
0059 C. *****
0060 C. Ç" RESTART; ÈPT2; Èò•ò¿òò¾¼Í¹ÇòÍ; Ç°È²¼òÍ¼Á¹Òò»ò°; ÇDCBC-151òØ¿Èòà; Æ
0061 C.
0062 . C. ;ãPT2°ÈÀ, ³«»Í;ã
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. ÇÇ[HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ò, ;¼Ú)
0069 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Á¹Ò, ;¼Ú)
0070 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ò, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYÓYÉYÈÁÛÁØ; ÈÁ•Á°²óÈò; È, áòÍ°ÈÀ, °È³«;ã
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ÇÇ[HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ò, ;¼Ú)
0076 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Á¹Ò, ;¼Ú)
0077 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ò, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÀ, Áà»B; ÇXÁ+¿μ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÀ, Áà»B;ã
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ÇÇ[HK1_REP_STA/STP] EQ STOP
0087 C. ÇÇ[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ+¿μ;OFF;ã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ÇÇ[HK1_XMOD_ON/OFF] EQ OFF
0095 C. ÇÇ[HK1_XPA_ON/OFF] EQ OFF

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(a) Spacecraft Operation Procedure (real-commands)

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main-907 2009-10-13 14:01:16 142 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
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¿¿ãÀã•µ°Æ»Í×ÁÇãíYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈÈÈ¼°ÇÖã•ã¿¼í¹çãí;çÀ®, ùã¹ãèãÈãÇÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-266: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;¼YÉãîÁ°ãÈSTS_CHKãðOFFãÈã¹ãè
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_CHKãðONãÈã¹ãè
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 2009-10-13 11:03:18.0
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 85 83 0c 0c)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 07 85 83 06 06)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 08 85 83 10 10)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 09 80 80 20 20)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 0a 80 80 20 08)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 0b 80 80 08 20)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 0f 80 80 04 04)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 10 80 80 10 10)
0112 + DC 07-F0 MDP_XRT_AEC_RESET
0113 BC (d0)
0114 . C. ----- Success Verify ? OK / NG ____
0115 C.
0116 C.
0117 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0118 C.
0119 +. DC 07-F0 MDP_XRT_MODE_OBSV
0120 BC (c2)
0121 +. TI 2009-10-13 11:03:02.0
0122 DC 07-F0 MDP_XRT_MODE_OBSV
0123 BC (c2)
0124 . C. ----- Success Verify ? OK / NG ____
0125 C.
0126 C. ***** XRT END *****
0127 C.
0128 . C. ***** MDP 'úÃîñî»ö¼ÝñÊÄð¹ñèDCBC•x²è *****
0129 C. (%ã°îÿÓÿÄÿÉÿßÿËÿáÿçÿèñ¼ññ¼Ä»Ûñ¹ñè)
0130 . S. DC-BC dcbc-402:DCBC
0131 (MDP_known_event)
0132 C.
0133 C.
0134 . C. ***** ÿÐÿ¹•ï Daily±;îññÉ´Øñ¹ñèDCBC•x²è *****
0135 . S. DC-BC dcbc-153:DCBC
0136 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0137 C.
0138 C.
0139 . C. ;ãLOSÿÃÿ§ÿÄÿ-¼Ä»Û;ä
0140 C.
0141 . C. ***** LOS *****
0142 C.

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Oct 13, 09 14:01

XRT_OGLIST_0852.chk

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*** OP Sequence for XRT ***

2009/10/13	11:13:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	11:13:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/10/13	11:14:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2009/10/13	11:14:16.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2009/10/13	11:14:18.0	XRT_ARS_DIS_404_OG [0x194]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/13	11:14:20.0	XRT_FLD_DIS_405_OG [0x195]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/13	11:14:22.0	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/13	11:16:58.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/13	11:43:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	11:43:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/10/13	11:44:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09		
2009/10/13	11:44:18.0	XRT_AEC_RESET_403_OG [0x193]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/10/13	11:44:20.0	XRT_ARS_DIS_404_OG [0x194]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/13	11:44:22.0	XRT_FLD_DIS_405_OG [0x195]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/13	11:44:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/13	11:47:00.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/13	13:43:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	13:43:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/10/13	13:44:16.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2009/10/13	13:44:18.0	XRT_ARS_DIS_404_OG [0x194]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/13	13:44:20.0	XRT_FLD_DIS_405_OG [0x195]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/13	13:44:22.0	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/13	13:46:58.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/13	14:00:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	14:00:02.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/10/13	14:00:22.0	XRT_QT_PROG_SET_426_OG [0x1aa]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09		
2009/10/13	14:00:24.0	XRT_AEC_RESET_403_OG [0x193]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/10/13	14:00:26.0	XRT_ARS_DIS_404_OG [0x194]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/13	14:00:28.0	XRT_FLD_DIS_405_OG [0x195]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/13	14:00:30.0	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/13	14:03:06.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/13	15:00:00.5	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	15:00:02.5	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/10/13	15:00:22.5	XRT_QT_PROG_SET_439_OG [0x1b7]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2009/10/13	15:00:24.5	XRT_ARS_DIS_404_OG [0x194]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/13	15:00:26.5	XRT_FLD_DIS_405_OG [0x195]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/13	15:00:28.5	XRT_FLRCTRL_DIS_406_OG [0x196]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/13	15:03:04.5	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/13	15:33:30.0	XRT_CTRL_MANU_419_OG [0x1a3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	15:50:00.0	XRT_CTRL_MANU_419_OG [0x1a3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	15:56:30.0	XRT_Custom_420_OG [0x1a4]					
2009/10/13	15:57:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/13	17:09:30.0	XRT_CTRL_MANU_419_OG [0x1a3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	17:33:00.0	XRT_Custom_420_OG [0x1a4]					
2009/10/13	17:34:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/13	18:04:24.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/13	18:04:26.0	XRT_FOCUS_POSITION_408_OG [0x198]					

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2009/10/13	18:04:30.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	01	00	00	00
2009/10/13	18:04:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/13	18:04:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/13	18:04:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/13	18:07:28.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2009/10/13	18:07:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/13	18:20:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/13	18:20:56.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/10/13	18:21:16.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2009/10/13	18:21:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/13	18:21:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/13	18:21:58.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/13	18:22:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/13	18:46:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/13	19:10:00.0	XRT_Custom_420_OG [0x1a4]							
2009/10/13	19:11:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/13	20:23:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/13	20:47:30.0	XRT_Custom_420_OG [0x1a4]							
2009/10/13	20:48:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/13	22:01:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/13	22:14:30.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	00	00	00
2009/10/13	22:21:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/13	22:21:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/10/13	22:21:46.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2009/10/13	22:21:48.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/13	22:21:50.0	XRT_FLD_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/13	22:21:52.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/13	22:24:28.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/13	23:38:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/13	23:52:00.0	XRT_Custom_420_OG [0x1a4]							
2009/10/13	23:53:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/14	01:07:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/14	01:22:00.0	XRT_Custom_420_OG [0x1a4]							
2009/10/14	01:23:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/14	02:38:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/14	02:58:30.0	XRT_Custom_420_OG [0x1a4]							
2009/10/14	02:59:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/14	04:06:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/14	04:36:00.0	XRT_Custom_420_OG [0x1a4]							
2009/10/14	04:37:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/14	05:46:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/14	06:13:30.0	XRT_Custom_420_OG [0x1a4]							
2009/10/14	06:14:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/10/14	06:22:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/10/14	06:22:56.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/10/14	06:23:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00
2009/10/14	06:23:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/10/14	06:23:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/10/14	06:23:20.5	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/10/14	06:25:58.5	XRT_QT_PROG_SET_417_OG [0x1a1]							

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2009/10/14	06:26:00.5	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	06:32:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	06:32:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/10/14	06:33:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00	
2009/10/14	06:33:16.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f
2009/10/14	06:33:18.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/10/14	06:33:20.0	XRT_FLD_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/10/14	06:33:22.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/10/14	06:35:58.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	07:27:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	07:50:30.0	XRT_Custom_420_OG [0x1a4]					
2009/10/14	07:51:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	09:06:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	09:27:00.0	XRT_Custom_420_OG [0x1a4]					
2009/10/14	09:28:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	10:49:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	10:52:26.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	10:52:28.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/10/14	10:52:48.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
2009/10/14	10:52:50.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/10/14	10:52:52.0	XRT_FLD_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/10/14	10:52:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/10/14	10:55:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	11:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	11:10:02.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/10/14	11:10:22.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2009/10/14	11:10:24.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/10/14	11:10:26.0	XRT_FLD_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/10/14	11:10:28.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/10/14	11:13:04.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	13:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	13:45:02.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/10/14	13:45:22.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
2009/10/14	13:45:24.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/10/14	13:45:26.0	XRT_FLD_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/10/14	13:45:28.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/10/14	13:48:04.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	14:00:01.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	14:00:03.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/10/14	14:00:23.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2009/10/14	14:00:25.0	XRT_AEC_RESET_403_OG [0x193]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/10/14	14:00:27.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/10/14	14:00:29.0	XRT_FLD_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/10/14	14:00:31.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/10/14	14:03:07.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/10/14	14:36:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/10/14	14:44:30.0	XRT_Custom_420_OG [0x1a4]					
2009/10/14	14:45:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]					

2009/10/14	16:09:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/14	16:33:00.0	XRT_Custom_420_OG [0x1a4]						
2009/10/14	16:34:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/14	17:30:00.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/14	17:30:02.0	XRT_FOCUS_POSITION_401_OG [0x191]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/10/14	17:30:22.0	XRT_QT_PROG_SET_440_OG [0x1b8]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2009/10/14	17:30:24.0	XRT_ARS_DIS_404_OG [0x194]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/14	17:30:26.0	XRT_FLD_DIS_405_OG [0x195]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/14	17:30:28.0	XRT_FLRCTRL_DIS_406_OG [0x196]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/14	17:33:04.0	XRT_CTRL_AUTO_407_OG [0x197]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/14	17:46:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/14	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/14	18:09:56.0	XRT_FOCUS_POSITION_408_OG [0x198]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2009/10/14	18:10:00.5	AOCS_Ore-point_Start_3_OG [0x099]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2009/10/14	18:10:16.0	XRT_FLD_DIS_409_OG [0x199]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/14	18:10:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/14	18:10:20.0	XRT_ARS_DIS_411_OG [0x19b]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/14	18:12:58.0	XRT_QT_PROG_SET_402_OG [0x192]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2009/10/14	18:13:00.0	XRT_CTRL_AUTO_407_OG [0x197]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/14	18:20:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
			AOCU_NM	5	02-76	04 00 00 00 00		
2009/10/14	19:23:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/14	19:46:30.0	XRT_Custom_420_OG [0x1a4]						
2009/10/14	19:47:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/14	21:00:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/14	21:24:00.0	XRT_Custom_420_OG [0x1a4]						
2009/10/14	21:25:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/14	22:38:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/14	22:59:30.0	XRT_Custom_420_OG [0x1a4]						
2009/10/14	23:00:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/15	00:15:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/15	00:24:30.0	XRT_Custom_420_OG [0x1a4]						
2009/10/15	00:25:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/15	01:40:00.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/15	01:58:30.0	XRT_Custom_420_OG [0x1a4]						
2009/10/15	01:59:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/15	03:14:30.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/15	03:35:30.0	XRT_Custom_420_OG [0x1a4]						
2009/10/15	03:36:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/15	04:44:00.0	XRT_CTRL_MANU_419_OG [0x1a3]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/15	05:13:00.0	XRT_Custom_420_OG [0x1a4]						
2009/10/15	05:14:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/15	05:56:54.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/10/15	05:56:56.0	XRT_FOCUS_POSITION_408_OG [0x198]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2009/10/15	05:57:00.0	AOCS_Ore-point_Start_3_OG [0x099]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2009/10/15	05:57:16.0	XRT_FLD_DIS_409_OG [0x199]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/10/15	05:57:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/10/15	05:57:20.0	XRT_ARS_DIS_411_OG [0x19b]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/10/15	05:59:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2009/10/15	06:00:00.0	XRT_CTRL_AUTO_407_OG [0x197]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/10/15	06:06:54.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2009/10/15	06:06:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/10/15	06:07:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2009/10/15	06:07:16.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2009/10/15	06:07:18.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/10/15	06:07:20.0	XRT_FLD_DIS_405_OG [0x195]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/10/15	06:07:22.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/10/15	06:09:58.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/15	06:24:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/15	06:50:30.0	XRT_Custom_420_OG [0x1a4]							
2009/10/15	06:51:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/15	08:05:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/15	08:27:30.0	XRT_Custom_420_OG [0x1a4]							
2009/10/15	08:28:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/10/15	09:45:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/15	09:46:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/10/15	09:47:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00