

XRT Timeline to be uploaded on 2009/08/18

Period: 2009/08/18 10:09:00 - 2009/08/22 11:30:00

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Normal mode

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XOB #16F1: HOP 126 (Ti/poly fov256x256 exp23s 60s-cadence)												
Term	Pointing (x, y)	Comment										
08/18 10:22:00 - 08/18 11:59:54	Track (11.2, -10.1) @ 08/18 10:19:00	# OP start + 10min, HOP126 La Palma campaign										
08/19 06:13:00 - 08/19 11:59:54	Track (-26.9, -10.0) @ 08/19 06:10:00	HOP126 La Palma campaign										
08/20 05:45:00 - 08/20 11:02:00	Track (-31.0, -9.9) @ 08/20 05:42:00	HOP126 La Palma campaign										
PROG= 20 Inf.-time(s)												
└─ Subr= 1 1-time(s) 52.5sec												
└─ Seqn= 74 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	22.6s	Obs	1x1	256x256 (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 #16F6: CH Jets - C/poly - 23s exp - FOV384												
Term	Pointing (x, y)	Comment										
08/18 12:07:00 - 08/18 17:56:54	Fixed (0.0, 930.0)	N pole coronal hole jet study										
08/18 18:45:30 - 08/18 23:58:00	Fixed (0.0, 930.0)	N pole coronal hole jet study										
PROG= 14 Inf.-time(s)												
└─ Subr= 1 1-time(s) 32.0sec												
└─ Seqn= 96 1-time(s) 2.0sec												
C-poly/Open	C-poly/Open	close	Safe	Norm	22.6s	Obs	1x1	384x384 (1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
XOB #16D9: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) +Ti-poly(723/11571) + G-band(1												
Term	Pointing (x, y)	Comment										
08/18 18:00:00 - 08/18 18:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min										
08/19 18:04:00 - 08/19 18:10:54	Fixed (0.0, 0.0)	synoptic, shifted 1.0 min										
PROG= 01 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= 85 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= 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 #16D8: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) +Ti-poly(723/11571) + G-band(1												
Term	Pointing (x, y)	Comment										
08/19 06:03:00 - 08/19 06:09:54	Fixed (0.0, 0.0)	synoptic										
08/20 05:35:00 - 08/20 05:41:54	Fixed (0.0, 0.0)	synoptic, shifted -28.0 min										
PROG= 19 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= 85 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= 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 #16E3: Coronal cavity (6 pairs)-HOP125-DPCM 2x2-768X768-FOV 3min cad-better												
Term	Pointing (x, y)	Comment										
08/19 12:03:00 - 08/19 17:00:00	Fixed (610.0, 720.0)	NW limb cavity study										
08/19 18:14:00 - 08/19 23:40:30	Fixed (610.0, 720.0)	NW limb cavity study										
PROG= 06 Inf.-time(s)												

Subr= 1 9-time(s) 180.0sec													
└─ Seqn= 82 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	2x2	768x768 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 72 1-time(s) 4.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	11.3s	Obs	2x2	768x768 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 37 1-time(s) 4.0sec													
	C-poly/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	768x768 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 63 1-time(s) 2.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16.0s	Obs	2x2	768x768 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 17 1-time(s) 4.0sec													
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	2x2	768x768 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 42 1-time(s) 2.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	64.0s	Obs	2x2	768x768 (1024, 1024)	DPCM	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 3 1-time(s) 4.0sec													
	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 #15A8: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant

Term	Pointing (x, y)	Comment											
08/21 00:13:06 - 08/21 00:20:00	Fixed (0.0, 0.0)	Backup plan											
PROG= 12 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 28 1-time(s) 12.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15A9: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant

Term	Pointing (x, y)	Comment											
08/21 00:23:06 - 08/21 00:30:00	Fixed (0.0, 0.0)	Backup plan											
PROG= 05 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 41 1-time(s) 12.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15AA: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant

Term	Pointing (x, y)	Comment											
08/21 00:33:06 - 08/21 00:40:00	Fixed (0.0, 0.0)	Backup plan											
PROG= 16 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 8 1-time(s) 12.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x512 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x512 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15AB: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant

Term	Pointing (x, y)	Comment											
08/21 00:43:06 - 08/21 00:50:00	Fixed (0.0, 0.0)	Backup plan											
PROG= 03 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 40 1-time(s) 12.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	512x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	512x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	512x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	512x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT

Term	Pointing (x, y)	Comment											
08/21 01:05:06 - 08/21 02:50:00	Fixed (0.0, 0.0)	Backup plan											
PROG= 04 1-time(s)													
└─ Subr= 1 1-time(s) 360.0sec													
└─ Seqn= 10 24-time(s) 300.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	768x768 (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 #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT

Term	Pointing (x, y)	Comment
08/21 03:05:06 - 08/22 11:30:00	Fixed (0.0, 0.0)	Backup plan
PROG= 17	1-time(s)	
└ Subr= 1	1-time(s) 360.0sec	
└└ Seqn= 13	15-time(s) 480.0sec	
└└└ Open/G-band	Open/G-band	open Safe Norm 16ms Obs 2x2 1024x1024 (1536, 1536) Q=90 0 0 2.0sec
└└└ Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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Flare mode

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NOT USED

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Active Region Search

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NOT USED

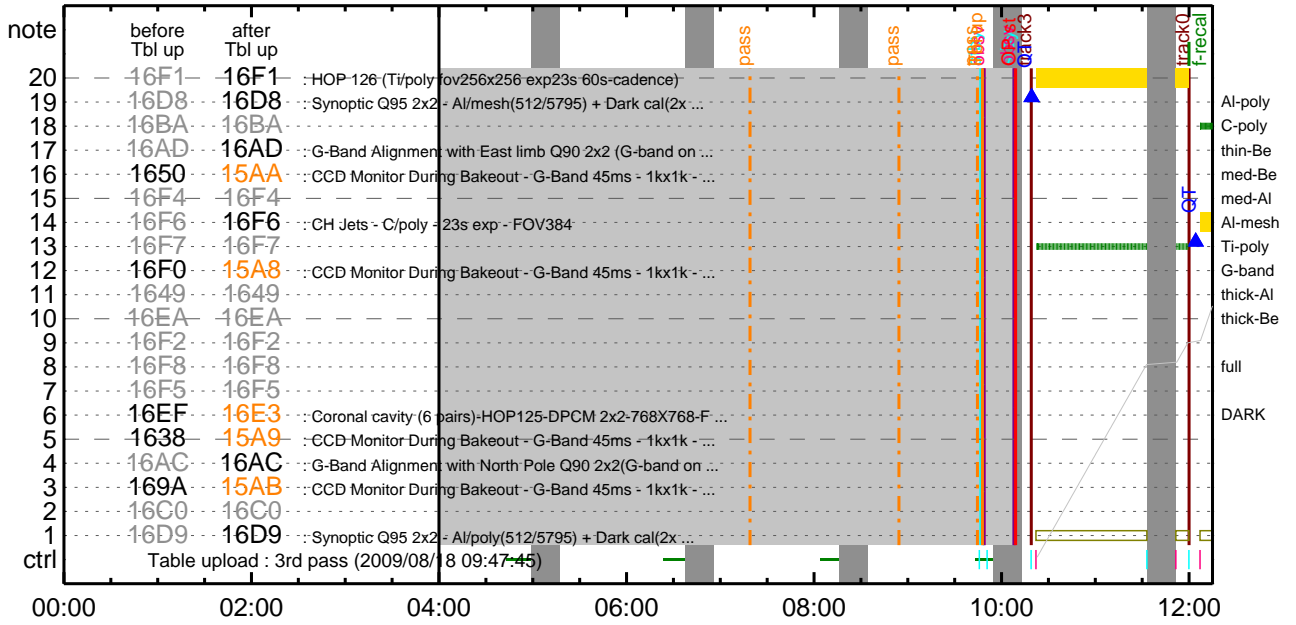
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Flare Detection

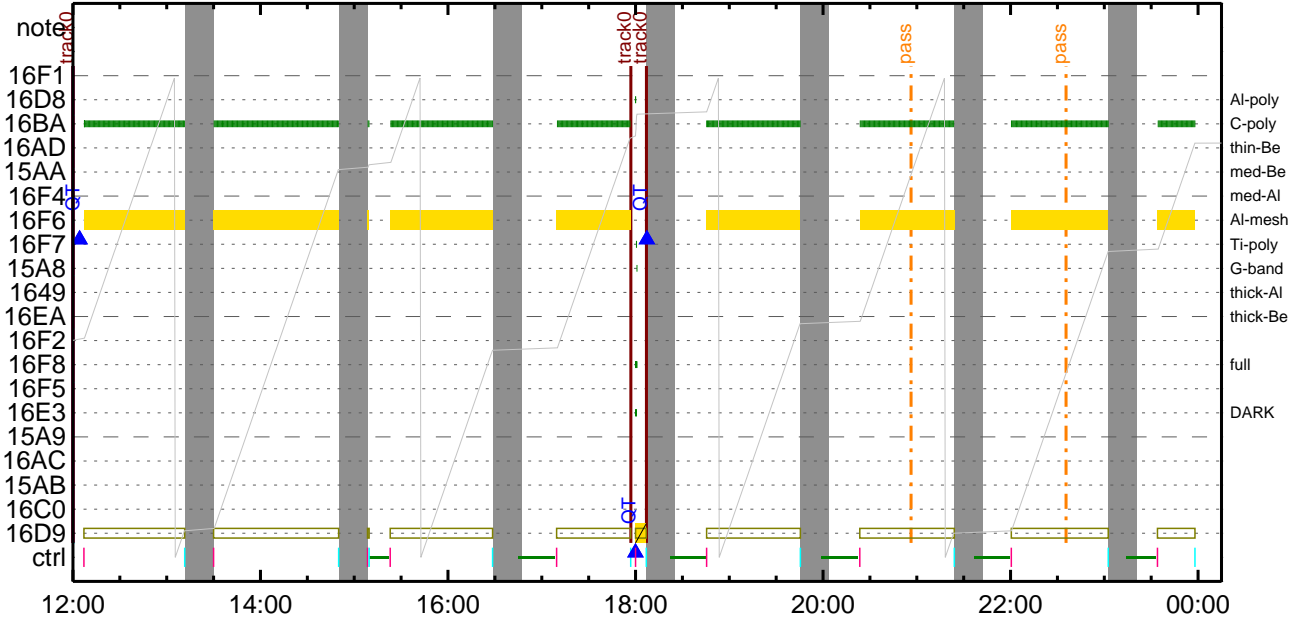
* * * * *

NOT USED

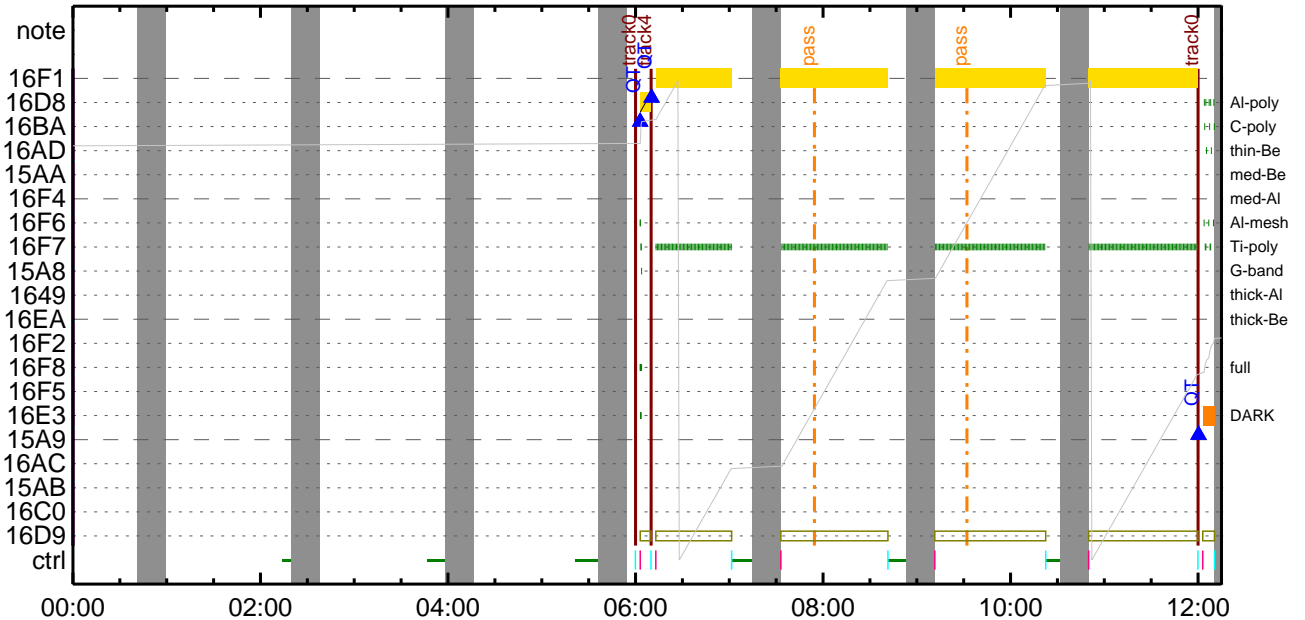
CMDI #0743 2009/08/18



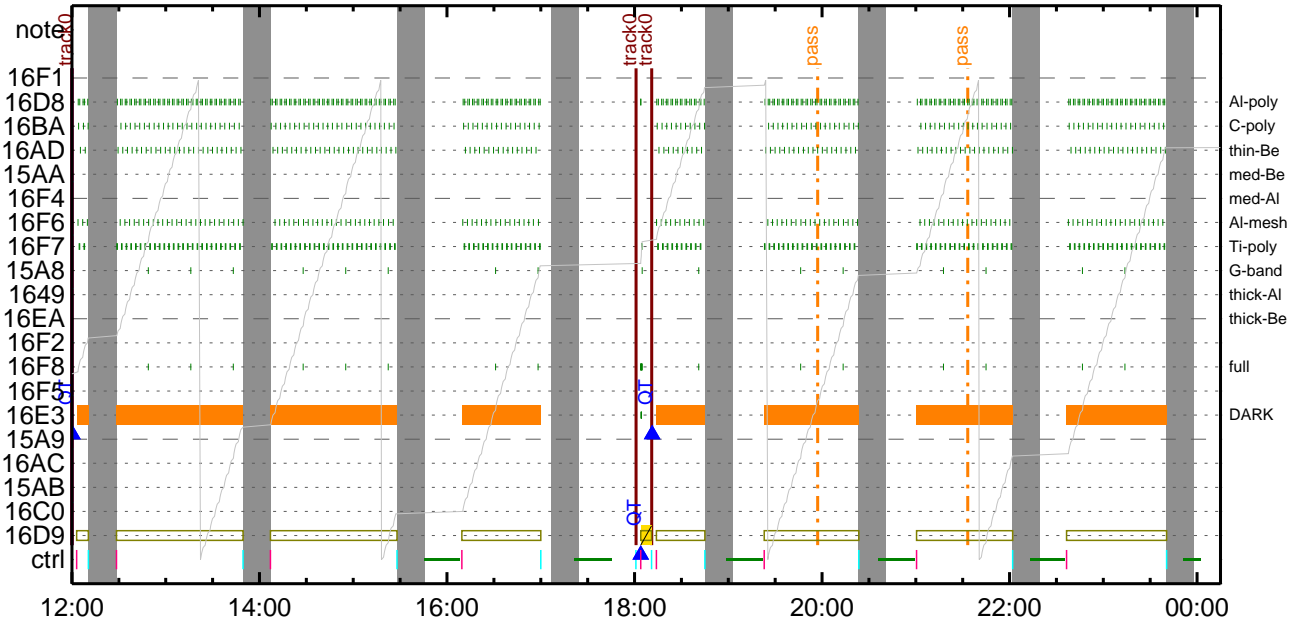
CMDI #0743 2009/08/18



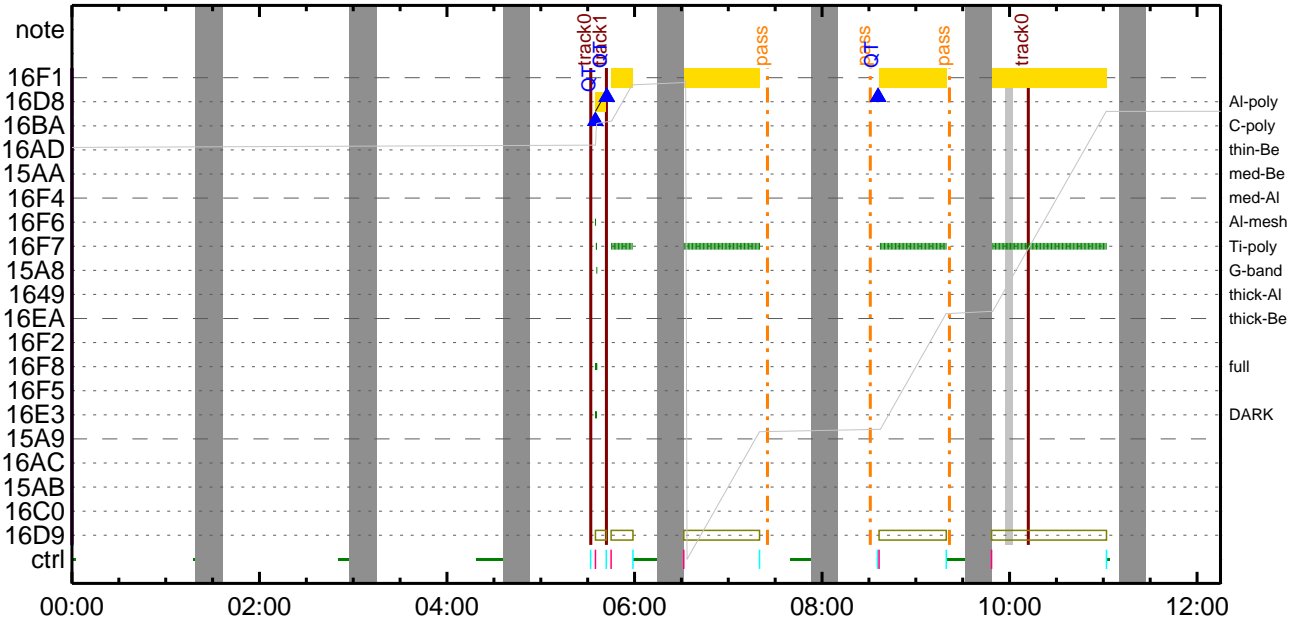
CMDI #0743 2009/08/19



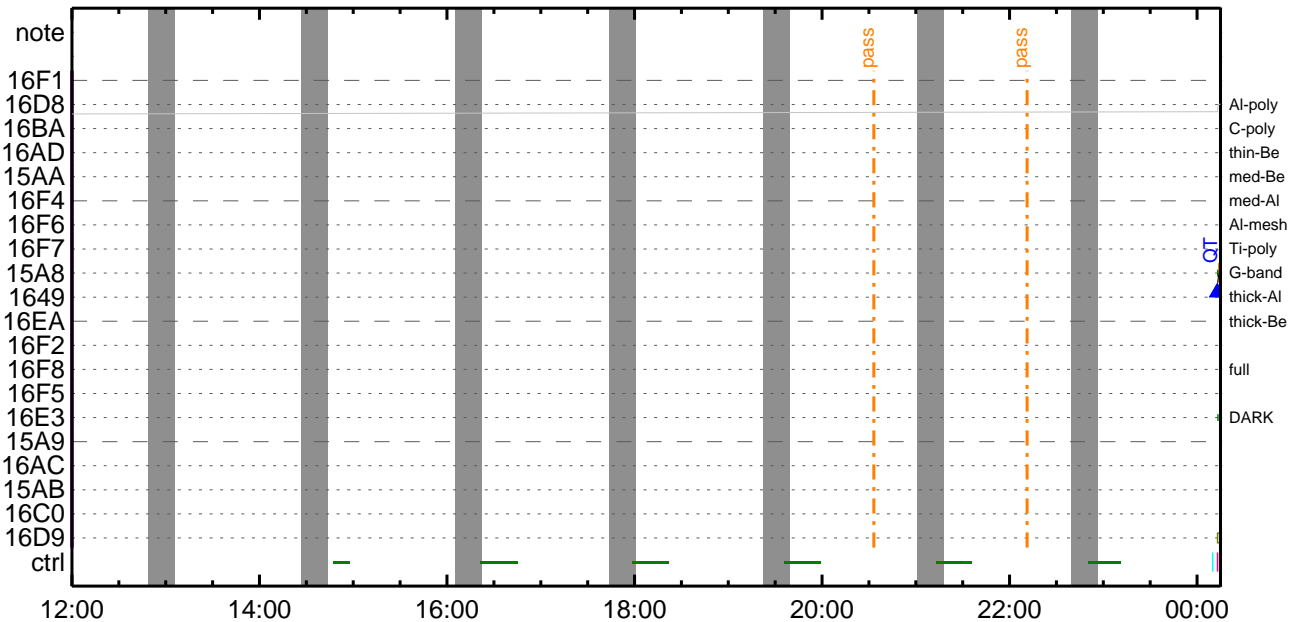
CMDI #0743 2009/08/19



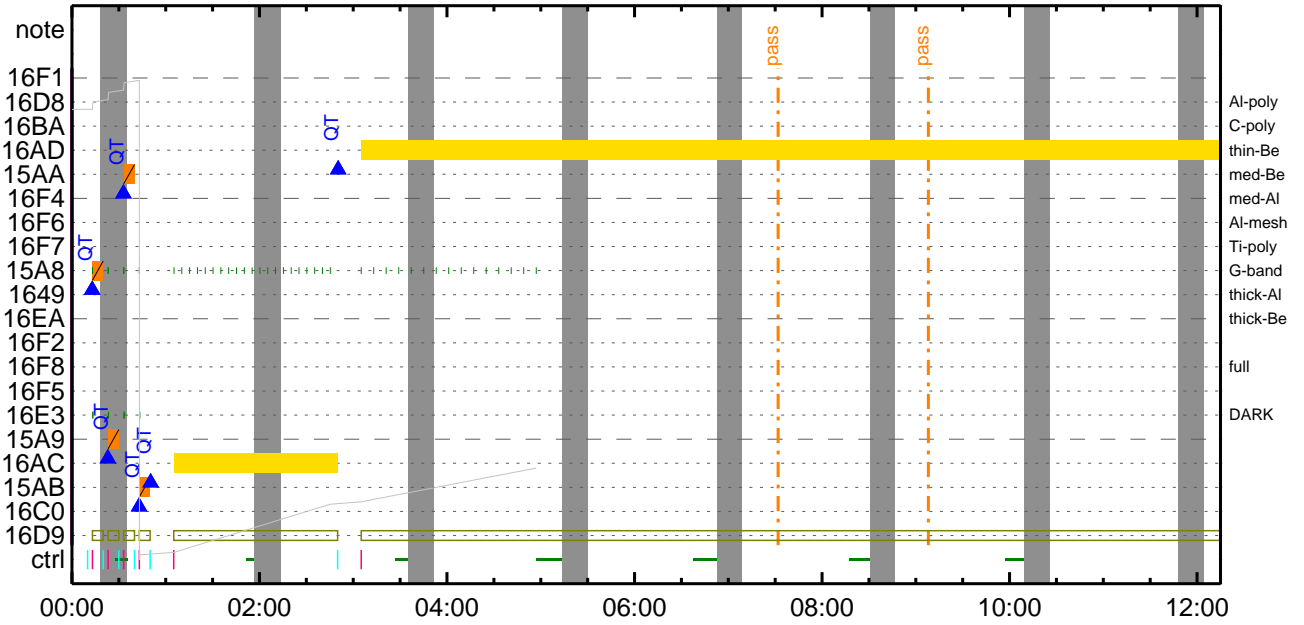
CMDI #0743 2009/08/20



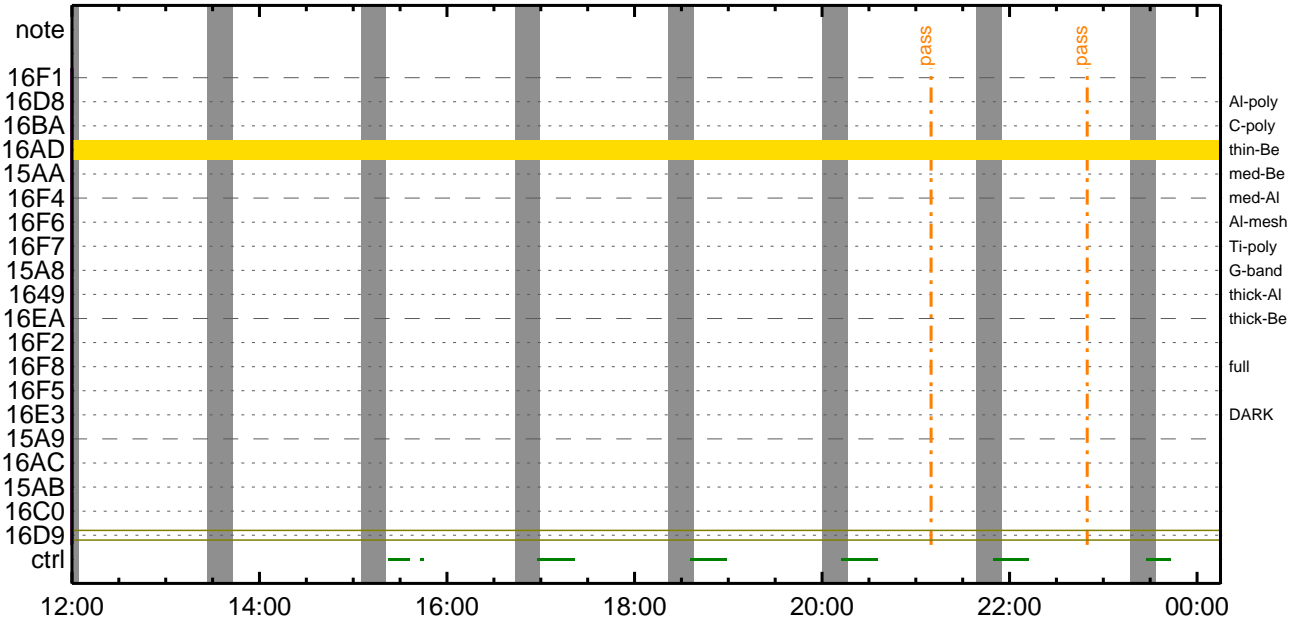
CMDI #0743 2009/08/20



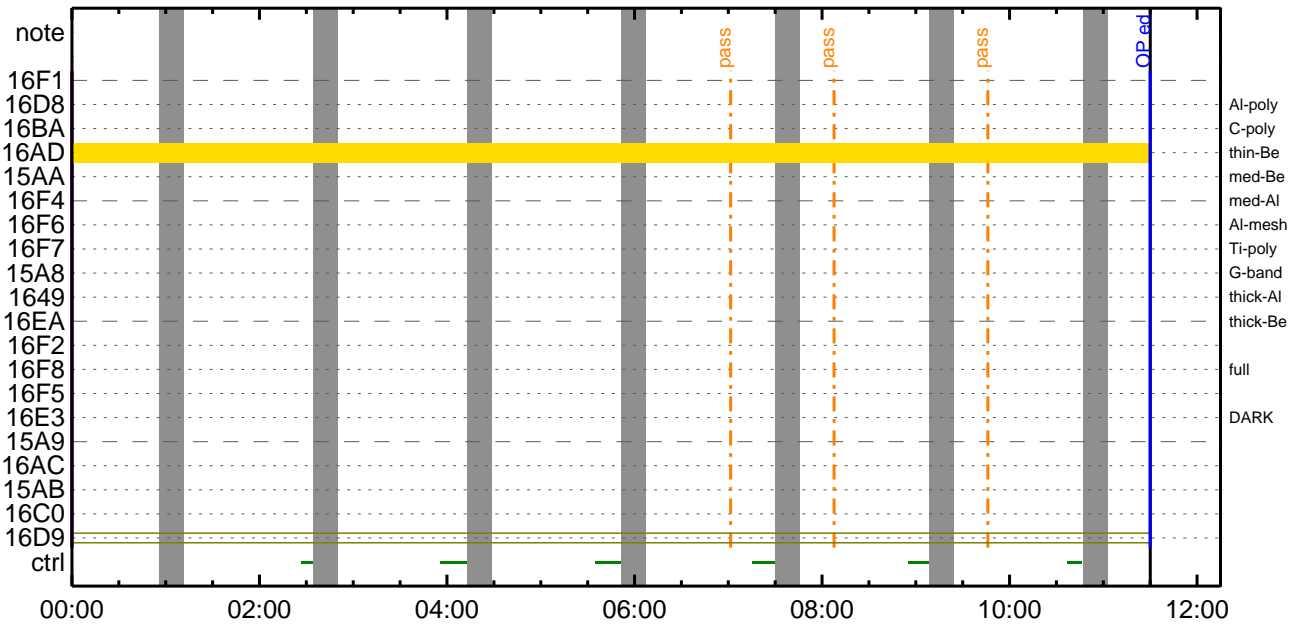
CMDI #0743 2009/08/21



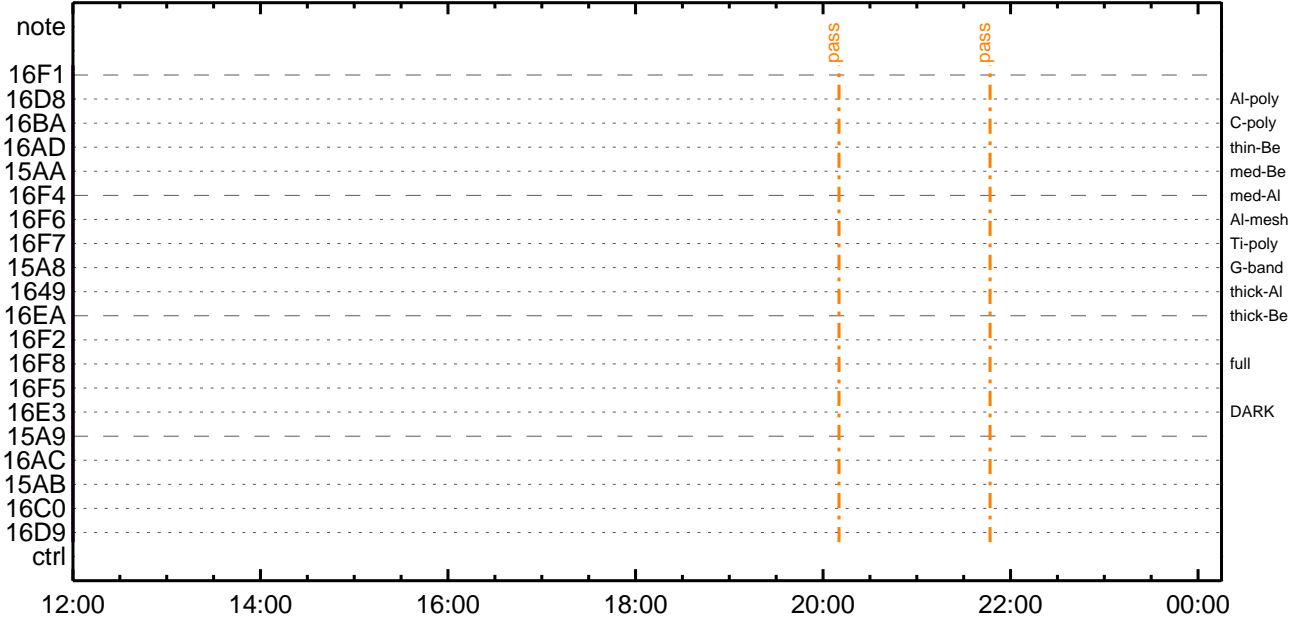
CMDI #0743 2009/08/21



CMDI #0743 2009/08/22



CMDI #0743 2009/08/22



0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|AYOX
0100 C. *****
0101 C.
0102 C. ;äOP/OGY1;4YE;ä
0103 S. OP op-788:OP
0104 (
0105 S. OG og-788:OG
0106 (
0107 C.
0108 C. ;äNMOG&OPfî°èAYOX;ä
0109 C. NMOG(0x200000-0x207FFF;s 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. AYOXx½ª î»ò³ ÎÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGαî½E¹ç·è² ÎOKαò³ ÎÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;s 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. AYOXx½ª î»ò³ ÎÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGαî½E¹ç·è² ÎOKαò³ ÎÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;s 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. AYOXx½ª î»ò³ ÎÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPαî½E¹ç·è² ÎOKαò³ ÎÇ§
0165 C.
0166 C. ***** °Ê²¼α Î½Ã· ¶Ã°ÊÊ¬α°Ã÷¿® (¼âµ-AYOXx½ê½çαðÃÔÃæαç¼ªα°°è¼i¹çαçâ) *****
0167 C. DHUAYâ;4YE;Ê½Y½, Y;|AYE;Êαðîã¹
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 UPLOADα-Ã÷¿®NGαî½i¹ç; ç°Ê²¼α îTI-CMDÃ÷¿®αî½Ã¹Ôα·αÊααα³αÊ; f
0180 C. αβα¿; çSETαEDUMPAÎÆ±°i½Y¹αç¹Ôα|α³αÊ; f
0181 C.
0182 C. TIY³Y½Y½Y½ÊαðÃî¿¿(UT)
0183 +. TI 2009-08-18 10:04:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-08-18 10:04:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-08-18 10:04:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0194 C.
0195 +. TI 2009-08-18 10:08:59.5
0196 DC 01-B2 DHU_OP_START
0197 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0198 C.
0199 C. °Ê²¼ïãîÄë%îíñòîîŷÄŷ§ŷÄŷ-¹àîÛ
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»ò³îç§
0226 C. çç[HK1_DMP_CHK_FLG] EQ NON
0227 C.
0228 C. RAM ID=TI_TBLòîî¾È¹ç•è²ìOKòò³îç§
0229 C.
0230 C. DHUŷà;¼ŷÉ;È¼ŷ½. ŷî;¼ŷÈ;Èòòîáò¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC (02 0a f8)
0233 C. çç[HK1_PKT_FORM_NO] EQ 2
0234 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0235 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0236 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2009-08-18 10:08:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC (21 02)
0247 +. TI 2009-08-18 10:08:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC (22)
0250 C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C. *****
0255 C. SOT TI command set
0256 C. *****
0257 C. Execute, after the success of OP upload.
0258 +. TI 2009-08-18 10:08:16.0
0259 DC 07-F0 MDP_SOT_MODE_STBY
0260 BC (41)
0261 C. -----
0262 C. HK1_TI_CMD_NUM = 1 CNTUP []
0263 C. -----
0264 C. ***** SOT END *****
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2009-08-18 10:08:00.0
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 ´úÃîãî»ö¼ŷòÈÄò¹òèDCBC•x²è *****
0276 C. (%á°îŷÖŷÄŷÈŷŷŷÄŷçŷèè¼òò¼Ä»Ûò¹è)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•î Daily±çîñòÈ'Øò¹òèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Û;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

(a) Spacecraft Operation Procedure (real-commands)

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main-789 2009-08-18 11:35:08 175 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ÁÍ;Ë¸¿ãÂã•µ°Ê»Í×ÁÇãÍYçYÁY×YÍ;¼YÉ;ËÈè%µ•ííÈ;ÈãÈ¼°ÇÓã•ã¿¼l¹çãÍ;çÁ®, ùã¹ãÈãããçÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿@µ;ON
0016 C. *****
0017 C. ° ¢” ò¸Á, Í×ÈYããLOSpããPãçãÍ»p´ Õãð¹íí, ñ•; çÉÔÍ×ãÈXÁÓONãÍ¹ÔãÈãÍãÈããã³ãÈ;f
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~¾ÔÃõã~õÁÃêã•ã¿ãé; ç°Ê²¼ãÍ°¸Á, ¼ê%çãð¾¼Á¹Ôã¹ãé;f
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼í°¸Á,
0033 C. *****
0034 C. ° ¢” RESTART;ÈPT1;Èã•ã¿ãã¼l¹çãÍ; ç°Ê²¼ãÍ°¸Á¹Ôã»ã°; çDCBC-150ãØ¿Èãã;f
0035 C.
0036 . C. ;ãPT1°¸Á, 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 (¼Á¹Ô, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0045 C.
0046 . C. ;ãYçYÓYÉYÉÁÚÁØ;ÈÁ•Á²õÈð;È, áãÍ°¸Á, °¸³«;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 (¼Á¹Ô, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°¸Á, ñ~¼«¸°Áã»ßããã¿ã, á; ç°Ê²¼ãð¾¼Á¹Ôã¹ãé;f
0055 C. YçYÓYÉYÉÁÚÁØãÁÁ•Á²õÈðã~¾áã¼l¹çãÍ´°Í»ã¹ãÈãããçÁÓã;f
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼í°¸Á,
0059 C. *****
0060 C. ° ¢” RESTART;ÈPT2;Èã•ã¿ãã¼l¹çãÍ; ç°Ê²¼ãÍ°¸Á¹Ôã»ã°; çDCBC-151ãØ¿Èãã;f
0061 C.
0062 . C. ;ãPT2°¸Á, 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 (¼Á¹Ô, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0071 C.
0072 . C. ;ãYçYÓYÉYÉÁÚÁØ;ÈÁ•Á²õÈð;È, áãÍ°¸Á, °¸³«;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 (¼Á¹Ô, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°¸Á, Áã»ß;çXÁ+¿@µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°¸Á, Áã»ß;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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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOcu_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOcu_ORB_UPD
0128 . C.
0129 . C. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOcu_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOcu_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 7371625.3 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_MANU
0140 BC (21 02)
0141 . C. Verify EIS in MANUAL mode
0142 . C. Estimated OBSTBL upload time is 21s
0143 C. *****
0144 C. EIS START OBSTBL LOAD
0145 C. *****
0146 . S. RAM ram-820:EIS_OBSTBL
0147 ( )
0148 +. DC 07-FC EIS_DUMP_OBSTBL
0149 BC (07 07 07 00 00 70 00)
0150 C.
0151 C. Execute, after the success of OBSTBL upload.
0152 C. Set EIS TI-commands
0153 +. TI 2009-08-18 10:08:50.0
0154 DC 07-FC EIS_MODE_CHG_ENA
0155 BC (20)
0156 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0157 C. *****
0158 C. EIS END OBSTBL LOAD
0159 C. *****
0160 C.
0161 . C. ***** MDP 'áîí»ö¼ýðÉÄð¹²³DCBC•x²è *****
0162 C. (%â°îÿÔÿÀÿÉÿÞÿÏÿÄÿÇÿÈÿÉÿ¼¼»Û¹²è)
0163 . S. DC-BC dcbc-402:DCBC
0164 (MDP_known_event)
0165 C.
0166 C.
0167 . C. ***** ƳĐŸ¹•İ Daily±ċİÑðÈ'Ø¹²³DCBC•x²è *****
0168 . S. DC-BC dcbc-153:DCBC
0169 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0170 C.
0171 C.
0172 . C. ;ãLOSÿÁÿSÿÄÿŸ-¼Ä»Û;ã
0173 C.
0174 . C. ***** LOS *****
0175 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-790 2009-08-18 11:35:08 163 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿øÁø•µ°È»ÍxÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÓø•ø¿¼í¹çøÍ;çÀ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøøøÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG_____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR _____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 04 04)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 0c 0c)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c c0 c0 10 10)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 40 c0 10 10)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0e 40 40 10 10)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0f 80 80 04 04)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 10 80 80 10 10)
0062 . C. ----- Success Verify ? OK / NG _____
0063 C.
0064 C.
0065 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0066 C.
0067 +. DC 07-F0 MDP_XRT_MODE_OBSV
0068 BC (c2)
0069 +. TI 2009-08-18 10:08:02.0
0070 DC 07-F0 MDP_XRT_MODE_OBSV
0071 BC (c2)
0072 . C. ----- Success Verify ? OK / NG _____
0073 C.
0074 C. ***** XRT END *****
0075 . C. *****
0076 C. SOT table upload
0077 C. *****
0078 . C. < Stop FG table >
0079 +. DC 07-F0 MDP_FG_CTRL_MANU
0080 BC (51)
0081 . C. -----
0082 C. MDP_FG_CTRL_MODE = MANU [ ]
0083 C. -----
0084 C.
0085 . C. <Upload FG Observation Table>
0086 . S. RAM ram-264:MDP_OBS_F
0087 ( )
0088 C.
0089 . C. < Dump RAMID=MDP_OBS_F >
0090 +. DC 07-F0 MDP_DUMP_FGTBL
0091 BC (82 07 00 00 00 38 b8)
0092 C. -----
0093 C. MDP_OBS_F verify = OK/NG [ ]
0094 C. -----
0095 C.
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0096 . C. < Upload DPL table >
0097 C.
0098 C. ¼çŸÄŸ×Ÿí;¼ŸÉœîÁ°œESTS_CHKœðOFFœËœ¹œë
0099 C.
0100 . S. RAM ram-271:MDP_DPL
0101 ( )
0102 C.
0103 . C. < Dump RAMID=MDP_DPL >
0104 +. DC 07-F0 MDP_DUMP_FGTBL
0105 BC (82 07 00 38 b8 00 40)
0106 C. -----
0107 C. MDP_DPL verify = OK [ ]
0108 C. -----
0109 C.
0110 C. STS_CHKœðONœËœ¹œë
0111 C.
0112 . C. < Update MDP DSC PAR1 >
0113 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0114 BC (4c)
0115 C. MDP_CMD_CODE = F04C0700[ ]
0116 C. MDP_CMD_CNT (count-up 1) [ ]
0117 C. -----
0118 C.
0119 . C.
0120 . C. < Resume FG table (auto mode) >
0121 +. DC 07-F0 MDP_FG_CTRL_AUTO
0122 BC (50)
0123 C. -----
0124 C. MDP_FG_CTRL_MODE = AUTO [ ]
0125 C. -----
0126 C.
0127 C. *****
0128 C. SOT TI command set
0129 C. *****
0130 C. Execute, after the success of TBL upload.
0131 +. TI 2009-08-18 10:08:18.0
0132 DC 07-F0 MDP_SOT_MODE_OBSV
0133 BC (40)
0134 C. -----
0135 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0136 C. -----
0137 C.
0138 C. Only when FG_CTRL_AUTO is used in RT.
0139 +. TI 2009-08-18 10:08:20.0
0140 DC 07-F0 MDP_FG_CTRL_AUTO
0141 BC (50)
0142 C. -----
0143 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0144 C. -----
0145 C. ***** SOT END *****
0146 +. DC 07-F0 MDP_XRT_CTRL_MANU
0147 BC (c1)
0148 C.
0149 . C. ***** MDP ´úÃîœî»ð¼ŸœËÄœ¹œëDCBC•x²è *****
0150 C. (¼á°îŸÖŸÄŸËŸŸŸËŸÄŸçŸëœË¼œœ¼Ä»Ûœ¹œë)
0151 . S. DC-BC dcbc-402:DCBC
0152 (MDP_known_event)
0153 C.
0154 C.
0155 . C. ***** ŸÐŸ¹•î Daily±;îŸœË´Øœ¹œëDCBC•x²è *****
0156 . S. DC-BC dcbc-153:DCBC
0157 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0158 C.
0159 C.
0160 . C. ;ãLOSŸÄŸŸŸÄŸ-¼Ä»Û;ã
0161 C.
0162 . C. ***** LOS *****
0163 C.

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Aug 18, 09 11:35

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*** OP Sequence for XRT ***

2009/08/18	10:18:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	10:18:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/18	10:19:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/08/18	10:19:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2009/08/18	10:19:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/18	10:19:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/18	10:19:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/18	10:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	11:33:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	11:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	11:59:56.0	XRT_FOCUS_RECALIBRATE_402_OG [0x192]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2009/08/18	12:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 ad 59 00 00				
2009/08/18	12:03:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/18	12:04:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/08/18	12:06:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/18	12:06:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/18	12:06:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/18	12:07:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	13:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	13:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	14:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	15:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	15:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	15:22:00.0	XRT_Custom_430_OG [0x1ae]							
2009/08/18	15:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	16:28:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	17:08:30.0	XRT_Custom_430_OG [0x1ae]							
2009/08/18	17:09:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	17:56:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	17:56:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/08/18	17:57:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/08/18	17:57:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/18	17:57:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/18	17:57:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/18	17:59:58.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2009/08/18	18:00:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	18:06:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	18:06:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/18	18:07:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 ad 59 00 00				
2009/08/18	18:07:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/08/18	18:09:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/18	18:09:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/18	18:09:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/18	18:45:30.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	19:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	20:22:30.0	XRT_Custom_430_OG [0x1ae]							

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2009/08/18	20:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	21:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	21:59:30.0	XRT_Custom_430_OG [0x1ae]							
2009/08/18	22:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	23:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/18	23:33:00.0	XRT_Custom_430_OG [0x1ae]							
2009/08/18	23:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/18	23:58:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/08/19	06:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/08/19	06:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/19	06:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/19	06:00:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/19	06:02:58.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2009/08/19	06:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	06:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/19	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/08/19	06:10:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2009/08/19	06:10:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/19	06:10:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/19	06:10:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/19	06:13:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	07:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	07:33:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	08:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	09:11:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	10:22:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	10:50:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/19	12:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 c0 00 c9 cb				
2009/08/19	12:00:16.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2009/08/19	12:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/19	12:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/19	12:00:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/19	12:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	12:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	12:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	13:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	14:07:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	15:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	16:08:30.0	XRT_Custom_430_OG [0x1ae]							
2009/08/19	16:09:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	17:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	18:00:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	18:00:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				

2009/08/19	18:01:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00	00
2009/08/19	18:01:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/19	18:01:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/19	18:01:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/19	18:03:58.0	XRT_QT_PROG_SET_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2009/08/19	18:04:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	18:10:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	18:10:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/08/19	18:11:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	c0	00	c9	cb
2009/08/19	18:11:16.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2009/08/19	18:11:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/19	18:11:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/19	18:11:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/19	18:14:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	18:45:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	19:22:00.0	XRT_Custom_430_OG [0x1ae]								
2009/08/19	19:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	20:23:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	20:59:30.0	XRT_Custom_430_OG [0x1ae]								
2009/08/19	21:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	22:02:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/19	22:35:30.0	XRT_Custom_430_OG [0x1ae]								
2009/08/19	22:36:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/19	23:40:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/20	05:31:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/20	05:31:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/08/20	05:32:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00	00
2009/08/20	05:32:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/20	05:32:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/20	05:32:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/20	05:34:58.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2009/08/20	05:35:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/20	05:41:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/20	05:41:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/08/20	05:42:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	01	00	00	00	00
2009/08/20	05:42:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2009/08/20	05:42:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/20	05:42:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/20	05:42:22.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/20	05:45:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/20	05:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/20	06:31:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/20	07:20:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/20	07:28:00.0	XRT_ROI_A_437_OG [0x1b5]	MDP_XRT_ROI_SET	6	07-F0	cd	06	80	80	04
			MDP_XRT_ROI_SET	6	07-F0	cd	07	c0	c0	10
			MDP_XRT_ROI_SET	6	07-F0	cd	08	40	c0	10
			MDP_XRT_ROI_SET	6	07-F0	cd	09	40	40	10
			MDP_XRT_ROI_SET	6	07-F0	cd	0a	c0	40	10
			MDP_XRT_ROI_SET	6	07-F0	cd	0b	80	60	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0c	a0	80	18
2009/08/20	08:35:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2009/08/20	08:35:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/08/20	08:35:52.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2009/08/20	08:35:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/20	08:35:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/20	08:35:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/20	08:36:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/20	09:19:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/20	09:48:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/20	10:12:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/08/20	11:02:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/21	00:10:00.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/21	00:12:38.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/08/21	00:12:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2009/08/21	00:13:00.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/21	00:13:02.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/21	00:13:04.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/21	00:13:06.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/21	00:20:00.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/21	00:22:38.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/08/21	00:22:58.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2009/08/21	00:23:00.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/21	00:23:02.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/21	00:23:04.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/21	00:23:06.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/21	00:30:00.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/21	00:32:38.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/08/21	00:32:58.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2009/08/21	00:33:00.5	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/21	00:33:02.5	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/21	00:33:04.5	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/21	00:33:06.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/21	00:40:00.0	XRT_CTRL_MANU_448_OG [0x1c0]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/21	00:42:38.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/08/21	00:42:58.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2009/08/21	00:43:00.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/21	00:43:02.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/21	00:43:04.0	XRT_ARS_DIS_446_OG [0x1be]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/21	00:43:06.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/21	00:50:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/21	00:50:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/08/21	00:50:22.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2009/08/21	00:50:24.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/21	00:50:26.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/21	00:50:28.0	XRT_FLRCTRL_DIS_418_OG [0x1a2]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/21	01:05:06.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/21	02:50:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/21	02:50:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							

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2009/08/21	02:50:22.0	XRT_QT_PROG_SET_423_OG [0x1a7]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	11		
2009/08/21	02:50:24.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/08/21	02:50:26.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/08/21	02:50:28.0	XRT_FLRCTRL_DIS_418_OG [0x1a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/08/21	03:05:06.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			