

XRT Timeline to be uploaded on 2009/04/30

Period: 2009/04/30 10:32:00 - 2009/05/05 09:49:00

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Normal mode

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XOB #1620: QS dynamics - Al/poly 384x384 - Q95 - 25s - AEC4												
Term		Pointing (x, y)				Comment						
04/30 10:39:30 - 04/30 10:41:54		Fixed (,)										
PROG= 05 Inf.-time(s)												
└─ Subr= 1 1-time(s) 25.0sec												
└─ Seqn= 68 1-time(s) 2.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	11.3s	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 #1694: Al/poly(384x384) Q95-AEC4(8192ms)-1min cadence												
Term		Pointing (x, y)				Comment						
04/30 10:45:00 - 04/30 12:59:54		Track (231.7, 410.1) ^{@ 04/30 10:42:00}				# OP start + 10min HOP71 VTT obs						
05/01 08:34:00 - 05/01 12:59:54		Track (403.2, 403.8) ^{@ 05/01 08:31:00}				HOP71 VTT obs						
05/02 08:38:00 - 05/02 10:41:00		Track (569.1, 394.5) ^{@ 05/02 08:10:00}				HOP71 VTT obs						
PROG= 07 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 #1695: AR dynamics - Al/poly 384x384 - Q95 - 25s - AEC1												
Term		Pointing (x, y)				Comment						
04/30 13:03:00 - 04/30 18:02:24		Track (892.6, -116.0) ^{@ 04/30 13:00:00}				HOP117 IBIS						
05/01 13:03:00 - 05/01 17:15:54		Fixed (931.0, -132.0)				HOP117 IBIS (fixed pointing)						
PROG= 12 Inf.-time(s)												
└─ Subr= 1 1-time(s) 25.0sec												
└─ Seqn= 63 1-time(s) 2.0sec												
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	2.00s	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 #166D: Synoptic Q95 2x2 - Al/poly(181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(256/4096) + G-band(16)												
Term		Pointing (x, y)				Comment						
04/30 18:05:30 - 04/30 18:12:24		Fixed (0.0, 0.0)				synoptic, shifted 2.5 min						
05/01 18:11:00 - 05/01 18:17:54		Fixed (0.0, 0.0)				synoptic, shifted 8.0 min						
PROG= 20 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 14 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0 2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 7 1-time(s) 2.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 21 1-time(s) 4.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0 2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0 2.0sec
└─ Seqn= 92 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
XOB #1693: Coronal cavity (6 pairs +Gband)-DPCM 2x2-768X768-FOV offset SE(896,904)-long exposures-6.67min cadence												
Term		Pointing (x, y)				Comment						
04/30 18:15:30 - 05/01 05:44:30		Fixed (-700.0, -625.0)				# HOP114 cavity obs						
05/01 06:34:30 - 05/01 08:30:54		Fixed (-700.0, -625.0)				# HOP114 cavity obs						
05/01 18:21:00 - 05/02 05:54:54		Fixed (-700.0, -625.0)				# HOP114 cavity obs						
05/02 06:08:00 - 05/02 08:03:00		Fixed (-700.0, -625.0)				#HOP114 cavity obs						
PROG= 01 Inf.-time(s)												
└─ Subr= 1 9-time(s) 400.0sec												
└─ Seqn= 26 1-time(s) 4.0sec												
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	2x2	768x768 (896, 904)	DPCM	0	0 2.0sec
└─ Seqn= 90 1-time(s) 4.0sec												
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	768x768 (896, 904)	DPCM	0	0 2.0sec
└─ Seqn= 30 1-time(s) 4.0sec												
	C-poly/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	768x768 (896, 904)	DPCM	0	0 2.0sec
└─ Seqn= 55 1-time(s) 2.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16.0s	Obs	2x2	768x768 (896, 904)	DPCM	0	0 2.0sec
└─ Seqn= 42 1-time(s) 4.0sec												
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	2x2	768x768 (896, 904)	DPCM	0	0 2.0sec
└─ Seqn= 82 1-time(s) 2.0sec												
	thin-Be/Open	med-Be/Open	close	Safe	Norm	64.0s	Obs	2x2	768x768 (896, 904)	DPCM	0	0 2.0sec

└ Subr= 2		1-time(s)		2.0sec											
└ Seqn= 53		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 #166C: Synoptic Q95 2x2 - Al/mesh(128/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(256/4096) + G-band(16)													
Term		Pointing (x, y)				Comment							
05/01	06:24:30 - 05/01 06:31:24	Fixed (0.0, 0.0)				synoptic, shifted 21.5 min							
05/02	05:58:00 - 05/02 06:04:54	Fixed (0.0, 0.0)				synoptic, shifted -5.0 min							

└ Subr= 1		1-time(s)		12.0sec											
└ Seqn= 93		1-time(s)		4.0sec											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
└ Seqn= 7		1-time(s)		2.0sec											
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
└ Seqn= 21		1-time(s)		4.0sec											
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
└ Seqn= 92		1-time(s)		2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval			

XOB #15B9: twilight monitor													
Term		Pointing (x, y)				Comment							
05/01	17:19:00 - 05/01 18:01:00	Fixed (-700.0, -625.0)				HOP114 cavity obs							

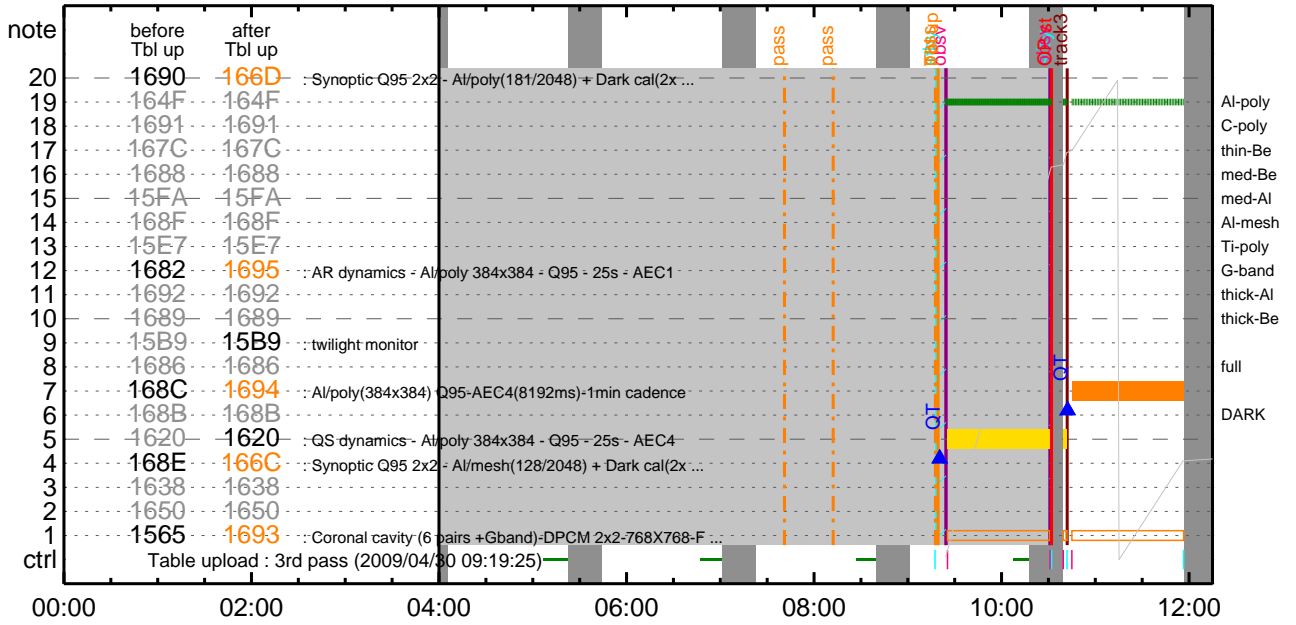
└ Subr= 1		1-time(s)		30.0sec											
└ Seqn= 60		1-time(s)		2.0sec											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16.0s	Obs	1x1	256x256 (1024, 1024)		Q=90	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval			

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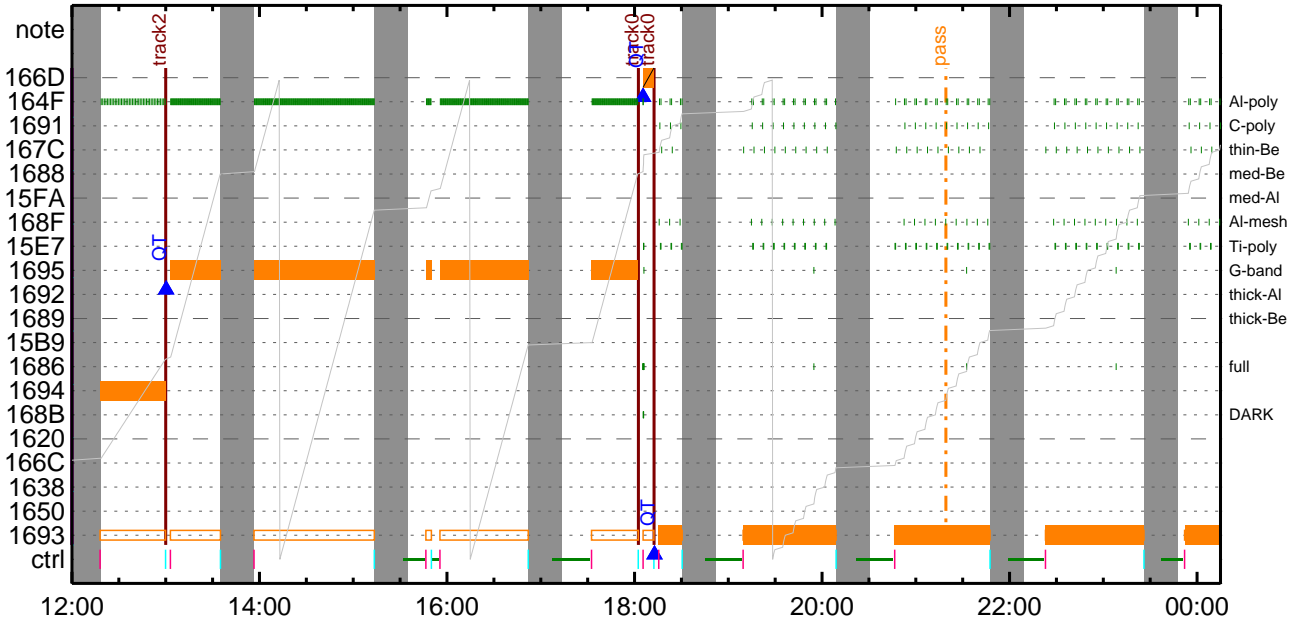
* * * * *
                                Flare mode                                * * * * *
                                NOT USED
* * * * *
                                Active Region Search                        * * * * *
                                NOT USED
* * * * *
                                Flare Detection                            * * * * *
                                NOT USED

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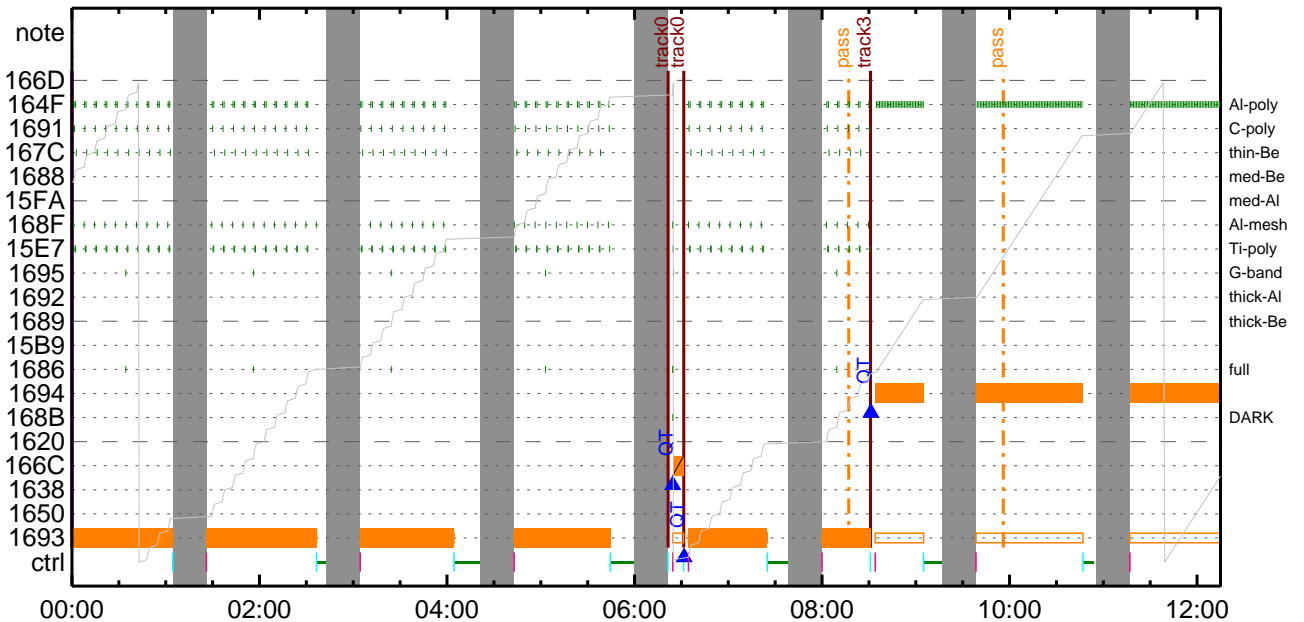
CMDI #0533 2009/04/30



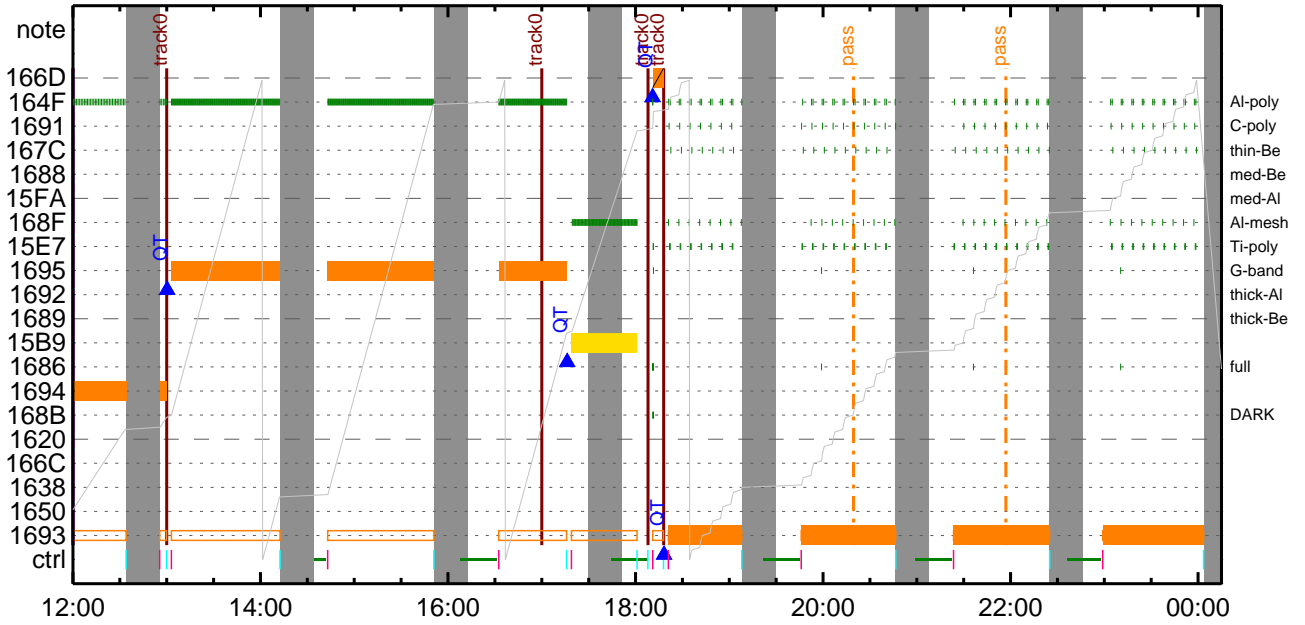
CMDI #0533 2009/04/30



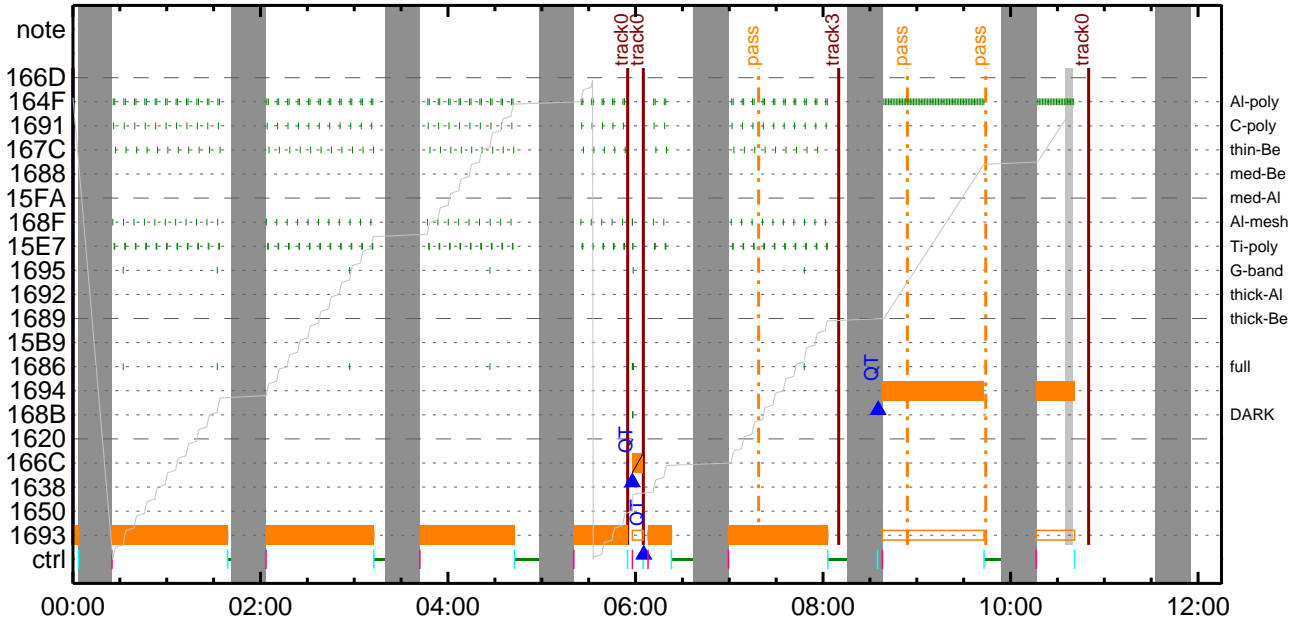
CMDI #0533 2009/05/01



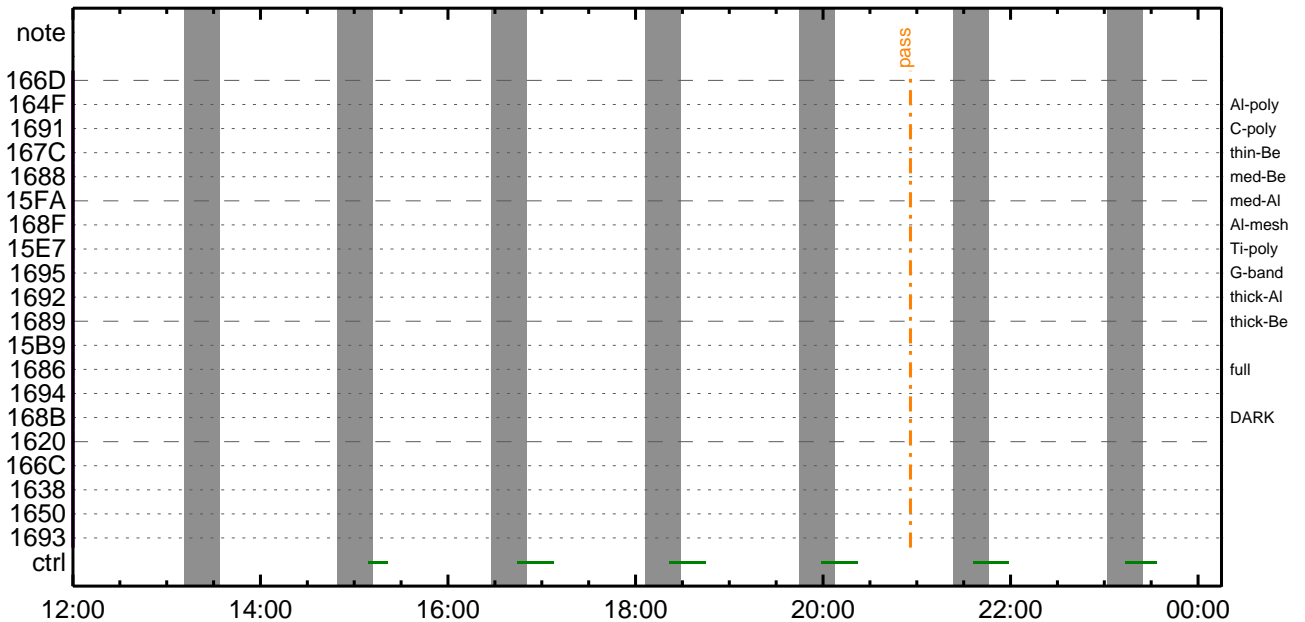
CMDI #0533 2009/05/01



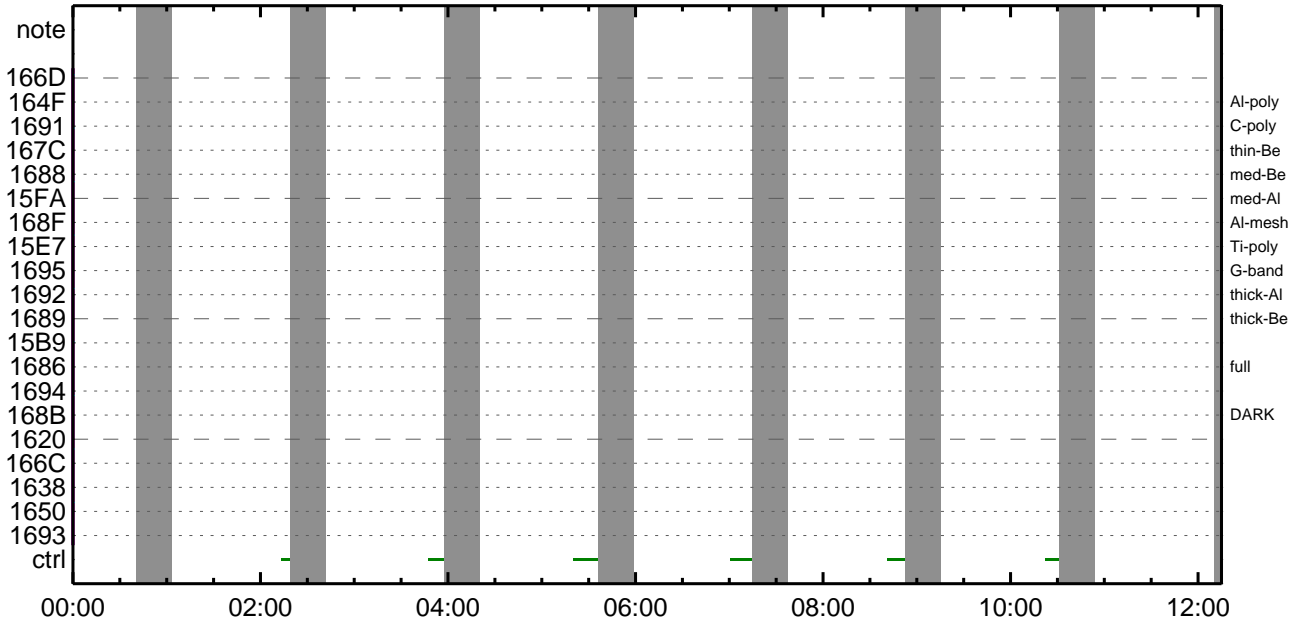
CMDI #0533 2009/05/02



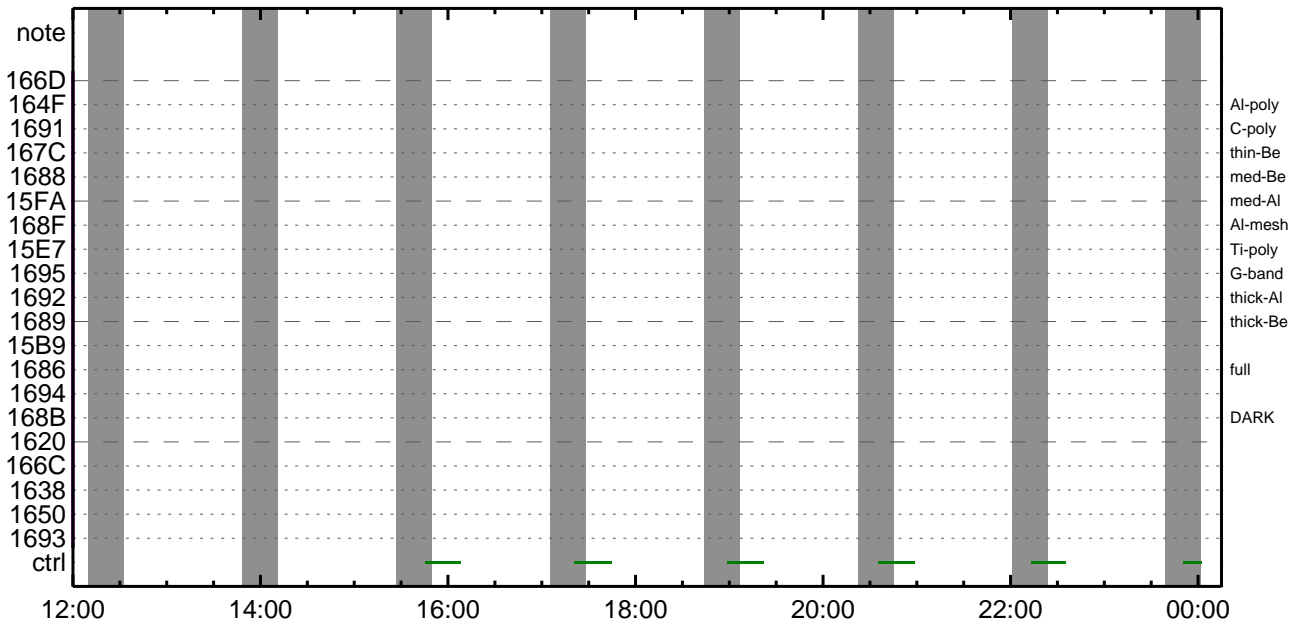
CMDI #0533 2009/05/02



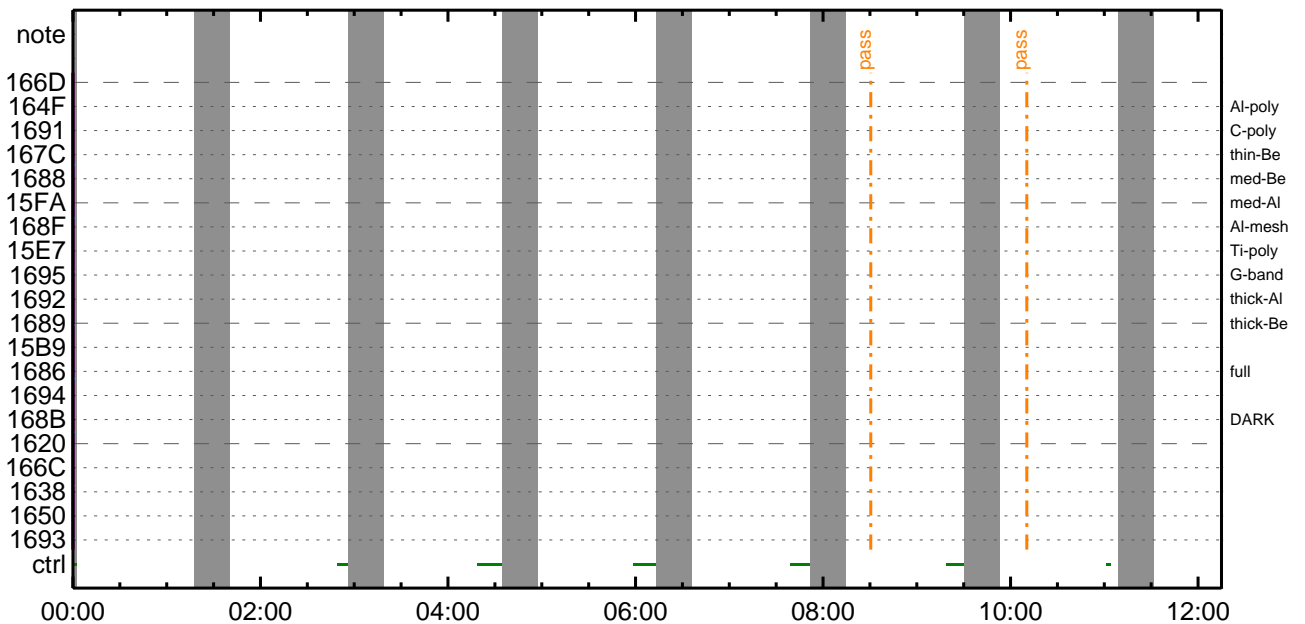
CMDI #0533 2009/05/03



CMDI #0533 2009/05/03



CMDI #0533 2009/05/04




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-565:OP
0104 ( )
0105 S. OG og-565:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;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. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•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. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•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. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ä´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOXx½ê½çòðÁÓÆòÇ¼ª°¬òE¼î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yi;4YE;Eòðîã¹
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÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ôª°¬E²ò³òE;f
0180 C. ²ò³òE;çSET²EEDUMP²î½±°îYNY¹ç¹Ôª|²³òE;f
0181 C.
0182 C. TIY³Y½Y½E²òðÁDî¿(UT)
0183 +. TI 2009-04-30 10:27:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-04-30 10:27:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-04-30 10:27:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2009-04-30 10:31:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                      EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄè%îíñαîî¥Á¥§¥Á¥-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°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_TBLαîî¼Ê¹ç•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 2009-04-30 10:31:16.0
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 2009-04-30 10:31:30.0
0287 DC 07-FC EIS_MODE_MANU
0288 BC      (21 02)
0289 +. TI 2009-04-30 10:31:40.0
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 2009-04-30 10:31:00.0
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 'úÃîŕî»ò¼ŸŕÊÂĐŕ¹ŕēDCBC•x²è *****
0307 C. (¼ã°îŸÓŸÄŸÊŸŒŸËŸáŸŸŸèŕÊ¼ŕŕ¼Ä»Ūŕ¹ŕé)
0308 . S. DC-BC dcbc-402:DCBC
0309 (MDP_known_event)
0310 C.
0311 C.
0312 . C. ***** ŸĐŸ¹•İ Daily±;İÑŕÊ'Øŕ¹ŕēDCBC•x²è *****
0313 . S. DC-BC dcbc-153:DCBC
0314 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0315 C.
0316 C.
0317 . C. ;ãLOSŸÁŸŸŸÄŸŸŸ-¼Ä»Ū;ä
0318 C.
0319 . C. ***** LOS *****
0320 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-566 2009-04-30 12:12:07 51 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÄY-¼Ä»Û;ã
0005 C.
0006 C. YÄYB;¼Y³YFÏÖYÉÁ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. ÁÍ;ÈçðÄá·µ°Æ»ÍxÅÇáÏYçYÄYxYí;¼YÉ;ÈÈ½µ·fíÉ;ÈèÈ¼°ÇÖá·ç¼l¹çáí;çÄ®, ùá¹áèááçÄ+ç®·çÈççç³çÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0015 +. DC 07-FC EIS_MODE_MANU
0016 BC (21 02)
0017 . C. Verify EIS in MANUAL mode
0018 . C. Estimated OBSTBL upload time is 18s
0019 C. *****
0020 C. EIS START OBSTBL LOAD
0021 C. *****
0022 . S. RAM ram-820:EIS_OBSTBL
0023 ( )
0024 +. DC 07-FC EIS_DUMP_OBSTBL
0025 BC (07 07 07 00 00 70 00)
0026 C.
0027 C. Execute, after the success of OBSTBL upload.
0028 C. Set EIS TI-commands
0029 +. TI 2009-04-30 10:31:50.0
0030 DC 07-FC EIS_MODE_CHG_ENA
0031 BC (20)
0032 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0033 C. *****
0034 C. EIS END OBSTBL LOAD
0035 C. *****
0036 C.
0037 . C. ***** MDP `ûÄîáí»ö¼YáÈÄá¹áèDCBC·x²è *****
0038 C. (¼á°íYÖYÁYBÏYÄYáYçYè¼á¼Ä»Ûá¹áè)
0039 . S. DC-BC dcbc-402:DCBC
0040 (MDP_known_event)
0041 C.
0042 C.
0043 . C. ***** YDÏ¹·Í Daily+çÏÑáÈ´Øá¹áèDCBC·x²è *****
0044 . S. DC-BC dcbc-153:DCBC
0045 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0046 C.
0047 C.
0048 . C. ;ãLOSÁY$YÄY-¼Ä»Û;ã
0049 C.
0050 . C. ***** LOS *****
0051 C.
```



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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-262:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-281:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 C. *****
0138 C. SOT TI command set
0139 C. *****
0140 C. Execute, after the success of TBL upload.
0141 +. TI 2009-04-30 10:31:18.0
0142 DC 07-F0 MDP_SOT_MODE_OBSV
0143 BC (40)
0144 . C. -----
0145 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0146 C. -----
0147 C.
0148 C.
0149 C. ***** XRT START *****
0150 C.
0151 +. DC 07-F0 MDP_XRT_CTRL_MANU
0152 BC (c1)
0153 + DC 07-F0 MDP_XRT_MODE_STBY
0154 BC (c3)
0155 . C. ----- Success Verify ? OK / NG_____
0156 C.
0157 C. XRT Obs. Table Upload
0158 . S. RAM ram-291:MDP_OBS_X
0159 ( )
0160 C.
0161 +. DC 07-F0 MDP_DUMP_XRTTBL
0162 BC (84 07 00 00 00 3a d4)
0163 . C. ----- Comparison Check ? OK / ERR _____
0164 C.
0165 C.
0166 +. DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 01 b1 b1 04 04)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 02 b1 b1 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 03 b1 b1 08 08)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 04 b1 b1 06 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 06 80 80 06 06)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 07 80 80 20 20)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 08 70 71 0c 0c)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 09 80 80 04 04)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 0f 80 80 04 04)
0184 + DC 07-F0 MDP_XRT_ROI_SET
0185 BC (cd 10 80 80 10 10)
0186 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0187 BC (c4 05)
0188 + DC 07-F0 MDP_XRT_ARS_DIS
0189 BC (d5)
0190 + DC 07-F0 MDP_XRT_FLD_DIS
0191 BC (d9)
0192 + DC 07-F0 MDP_XRT_FLD_DIS
0193 BC (d9)

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0194 . C. ----- Success Verify ?                OK / NG ____
0195 . C.
0196 . C.
0197 . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0198 . C.
0199 +. DC 07-F0 MDP_XRT_MODE_OBSV
0200   BC      (c2)
0201 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0202   BC      (c0)
0203 +. TI 2009-04-30 10:31:02.0
0204   DC 07-F0 MDP_XRT_MODE_OBSV
0205   BC      (c2)
0206 +. TI 2009-04-30 10:31:04.0
0207   DC 07-F0 MDP_XRT_CTRL_AUTO
0208   BC      (c0)
0209 . C. ----- Success Verify ?                OK / NG ____
0210 . C.
0211 . C. ***** XRT END *****
0212 . C.
0213 . C. ***** MDP `ûÃîñî»ö%ÿñÊÂðñ¹æDCBC•x²è *****
0214 . C. (%ã°îÿÓ¥ÃÿËÿÏÿËÿãÿÿçÿëñ%¼ññ¼Ã»Ûñ¹æè)
0215 . S. DC-BC dcbc-402:DCBC
0216   (MDP_known_event)
0217 . C.
0218 . C.
0219 . C. ***** ¥D¥¹•î Daily±;îÑñÊ´Øñ¹æDCBC•x²è *****
0220 . S. DC-BC dcbc-153:DCBC
0221   (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0222 . C.
0223 . C.
0224 . C. ;ãLOS¥Ã¥S¥Ã¥¹¼Ã»Û;ã
0225 . C.
0226 . C. ***** LOS *****
0227 . C.

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*** OP Sequence for XRT ***

2009/04/30	10:32:01.5	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	10:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	10:41:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	10:41:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/04/30	10:42:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	03 00 00 00 00
2009/04/30	10:42:16.0	XRT_QT_PROG_SET_408_OG [0x198]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/04/30	10:42:18.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/04/30	10:42:20.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/04/30	10:42:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/04/30	10:45:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	11:56:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	12:18:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	12:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	12:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/04/30	13:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	02 00 00 00 00
2009/04/30	13:00:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/04/30	13:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/04/30	13:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/04/30	13:00:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/04/30	13:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	13:35:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	13:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	15:13:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	15:45:30.0	XRT_Custom_430_OG [0x1ae]			
2009/04/30	15:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	15:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	15:54:30.0	XRT_Custom_430_OG [0x1ae]			
2009/04/30	15:55:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	16:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	17:31:30.0	XRT_Custom_430_OG [0x1ae]			
2009/04/30	17:32:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	18:02:24.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	18:02:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/04/30	18:02:30.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2009/04/30	18:02:46.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/04/30	18:02:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/04/30	18:02:50.0	XRT_ARS_DIS_410_OG [0x19a]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/04/30	18:05:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2009/04/30	18:05:30.0	XRT_CTRL_AUTO_440_OG [0x1b8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/04/30	18:12:24.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/04/30	18:12:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/04/30	18:12:30.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 37 8d 3e 35
2009/04/30	18:12:46.0	XRT_QT_PROG_SET_400_OG [0x190]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2009/04/30	18:12:48.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/04/30	18:12:50.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/04/30	18:12:52.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/04/30	18:15:30.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2009/04/30	18:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/04/30	19:08:30.0	XRT_Custom_430_OG [0x1ae]					
2009/04/30	19:09:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/04/30	20:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/04/30	20:45:30.0	XRT_Custom_430_OG [0x1ae]					
2009/04/30	20:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/04/30	21:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/04/30	22:22:00.0	XRT_Custom_430_OG [0x1ae]					
2009/04/30	22:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/04/30	23:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/04/30	23:51:00.0	XRT_Custom_430_OG [0x1ae]					
2009/04/30	23:52:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	01:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	01:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	02:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	03:04:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	04:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	04:43:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	05:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	06:21:24.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	06:21:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2009/05/01	06:21:30.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00		
2009/05/01	06:21:46.0	XRT_FLD_DIS_419_OG [0x1a3] MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/05/01	06:21:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/05/01	06:21:50.0	XRT_ARS_DIS_410_OG [0x19a] MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/05/01	06:24:28.0	XRT_QT_PROG_SET_413_OG [0x19d] MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2009/05/01	06:24:30.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	06:31:24.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	06:31:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/05/01	06:31:30.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 37 8d 3e 35		
2009/05/01	06:31:46.0	XRT_QT_PROG_SET_400_OG [0x190] MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2009/05/01	06:31:48.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/05/01	06:31:50.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/05/01	06:31:52.0	XRT_FLRCTRL_DIS_425_OG [0x1a9] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/05/01	06:34:30.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	07:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	08:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	08:30:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	08:30:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2009/05/01	08:31:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	03 00 00 00 00		
2009/05/01	08:31:16.0	XRT_QT_PROG_SET_408_OG [0x198] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2009/05/01	08:31:18.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/05/01	08:31:20.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/05/01	08:31:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/05/01	08:34:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	09:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	09:38:30.0	XRT_CTRL_AUTO_432_OG [0x1b0] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/05/01	10:47:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/05/01	11:17:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					

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2009/05/01	12:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	12:55:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	12:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	12:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/05/01	13:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 0b be ad 40
2009/05/01	13:00:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/05/01	13:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/05/01	13:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/05/01	13:00:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/05/01	13:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	14:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	14:42:00.0	XRT_Custom_430_OG [0x1ae]				
2009/05/01	14:43:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	15:51:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	16:31:30.0	XRT_Custom_430_OG [0x1ae]				
2009/05/01	16:32:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	17:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 37 8d 3e 35
2009/05/01	17:15:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	17:15:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/05/01	17:16:16.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2009/05/01	17:16:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/05/01	17:16:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/05/01	17:16:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/05/01	17:19:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	18:01:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	18:07:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	18:07:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/05/01	18:08:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2009/05/01	18:08:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/05/01	18:08:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/05/01	18:08:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/05/01	18:10:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2009/05/01	18:11:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	18:17:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	18:17:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/05/01	18:18:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 37 8d 3e 35
2009/05/01	18:18:16.0	XRT_QT_PROG_SET_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2009/05/01	18:18:18.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/05/01	18:18:20.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/05/01	18:18:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/05/01	18:21:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	19:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	19:45:00.0	XRT_Custom_430_OG [0x1ae]				
2009/05/01	19:46:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	20:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/05/01	21:22:30.0	XRT_Custom_430_OG [0x1ae]				
2009/05/01	21:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/05/01	22:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2009/05/01	22:58:00.0	XRT_Custom_430_OG [0x1ae]							
2009/05/01	22:59:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	00:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	00:25:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	01:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	02:03:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	03:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	03:42:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	04:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	05:20:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	05:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	05:54:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/05/02	05:55:00.0	AOCs_Re-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/05/02	05:55:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/02	05:55:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/02	05:55:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/02	05:57:58.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2009/05/02	05:58:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	06:04:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	06:04:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/02	06:05:00.0	AOCs_Re-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 37 8d 3e 35				
2009/05/02	06:05:16.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2009/05/02	06:05:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/02	06:05:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/02	06:05:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/02	06:08:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	06:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	06:59:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	08:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	08:10:00.0	AOCs_Re-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/05/02	08:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	08:34:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/05/02	08:35:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/05/02	08:35:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/05/02	08:35:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/05/02	08:35:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/05/02	08:38:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	09:43:00.5	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	10:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/05/02	10:41:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/05/02	10:50:00.0	AOCs_Re-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				