

XRT Timeline to be uploaded on 2008/09/13

Period: 2008/09/13 10:30:00 - 2008/09/18 09:48:00

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Normal mode

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XOB #15C0: XBP Q90 Al/poly (AEC4) + Ti/poly (AEC4) + Thin-Be (AEC0) (Q95)-high cadence												
Term	Pointing (x, y)								Comment			
09/13 10:42:00 - 09/13 12:59:54	Track (-48.4, 421.6) ^{Ⓢ 09/13 10:40:00}				# VTT studdy							
09/14 11:02:30 - 09/14 12:58:00	Track (128.6, 423.0) ^{Ⓢ 09/14 11:00:00}				VTT study							
09/15 11:02:30 - 09/15 12:55:00	Track (297.1, 429.1) ^{Ⓢ 09/15 11:00:00}				VTT study							
09/16 08:12:30 - 09/16 10:35:00	Track (434.1, 438.1) ^{Ⓢ 09/16 08:10:00}				VTT study							
PROG= 17 Inf.-time(s)												
└─ Subr= 1 1-time(s) 400.0sec												
└─ Seqn= 93 10-time(s) 60.0sec												
└─ Al-poly/Open C-poly/Open close Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=90 4 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 1.00s Obs 1x1 384x384 (1024, 1024) Q=90 4 0 2.0sec												
└─ Subr= 2 1-time(s) 4.0sec												
└─ Seqn= 69 1-time(s) 4.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 64.0s Obs 1x1 384x384 (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 #15BE: CH - Al/poly + Ti/poly + Thin-Be - AEC 1 - FOV 512x512 - 2 min cadence - lossless												
Term	Pointing (x, y)								Comment			
09/13 13:02:00 - 09/13 19:07:54	Fixed (50.0, -900.0)				South pole CH							
PROG= 03 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 55 30-time(s) 120.0sec												
└─ Al-poly/Open thin-Be/Open close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) DPCM 1 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 16.0s Obs 1x1 512x512 (1024, 1024) DPCM 1 0 2.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 64.0s Obs 1x1 512x512 (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 #15A3: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)												
Term	Pointing (x, y)								Comment			
09/13 19:10:00 - 09/14 06:19:24	Fixed (0.0, 0.0)				synoptic, shifted 1.0 min							
09/14 18:57:00 - 09/15 05:53:24	Fixed (0.0, 0.0)				synoptic, shifted 6.5 min							
09/15 17:58:30 - 09/16 05:59:54	Fixed (0.0, 0.0)				synoptic, shifted -3.5 min							
PROG= 11 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 18 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= 72 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 76 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 #15A4: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)												
Term	Pointing (x, y)								Comment			
09/14 06:21:30 - 09/14 06:29:24	Fixed (0.0, 0.0)				synoptic, shifted 19.5 min							
09/15 05:55:30 - 09/15 06:03:24	Fixed (0.0, 0.0)				synoptic, shifted -6.5 min							
09/16 06:02:00 - 09/16 08:09:54	Fixed (0.0, 0.0)				synoptic							
PROG= 12 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 87 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= 72 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 76 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 #15C3: Filament - 2x2 Al_poly, FOV 1024x512 w/ context-lossless												
Term	Pointing (x, y)								Comment			
09/14 06:31:30 - 09/14 10:59:54	Track (498.1, 705.1) ^{Ⓢ 09/14 06:29:30}				HOP 73, track filament with La Palma							
09/15 06:05:30 - 09/15 10:59:54	Track (550.1, 717.8) ^{Ⓢ 09/15 06:03:30}				HOP 73, track filament with La Palma							
PROG= 02 Inf.-time(s)												

Subr= 1		1-time(s)	2.0sec												
Seqn= 22		12-time(s)	4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	11.3s	Obs	2x2	1024x512 (1024, 1024)	DPCM	0	0	300.0sec		
Seqn= 83		1-time(s)	4.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	22.6s	Obs	1x1	1024x512 (1024, 1024)	DPCM	0	0	300.0sec		
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	45.2s	Obs	1x1	1024x512 (1024, 1024)	DPCM	0	0	300.0sec		
	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

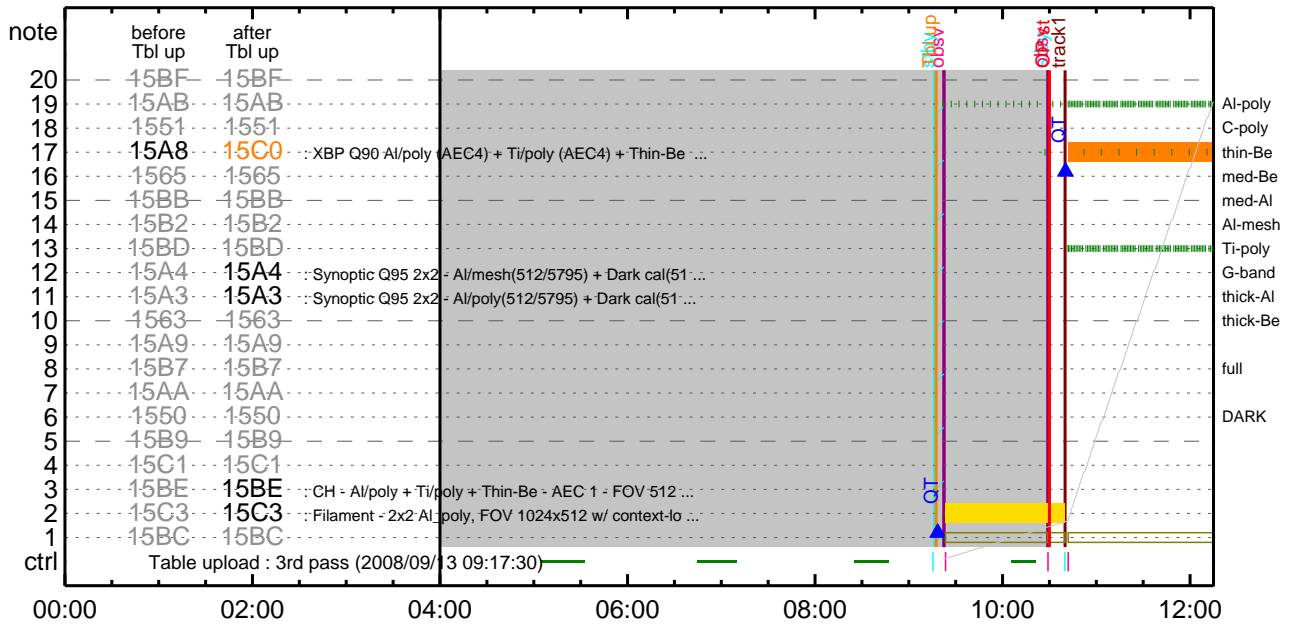
* * * * *

Flare Detection

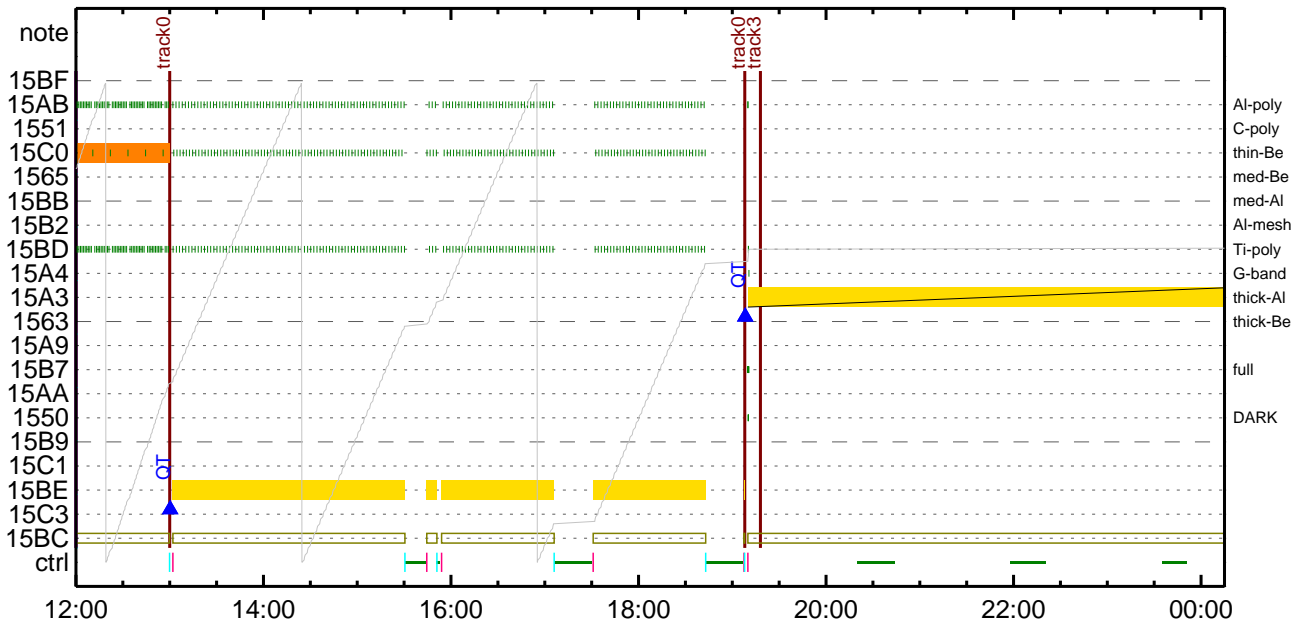
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NOT USED

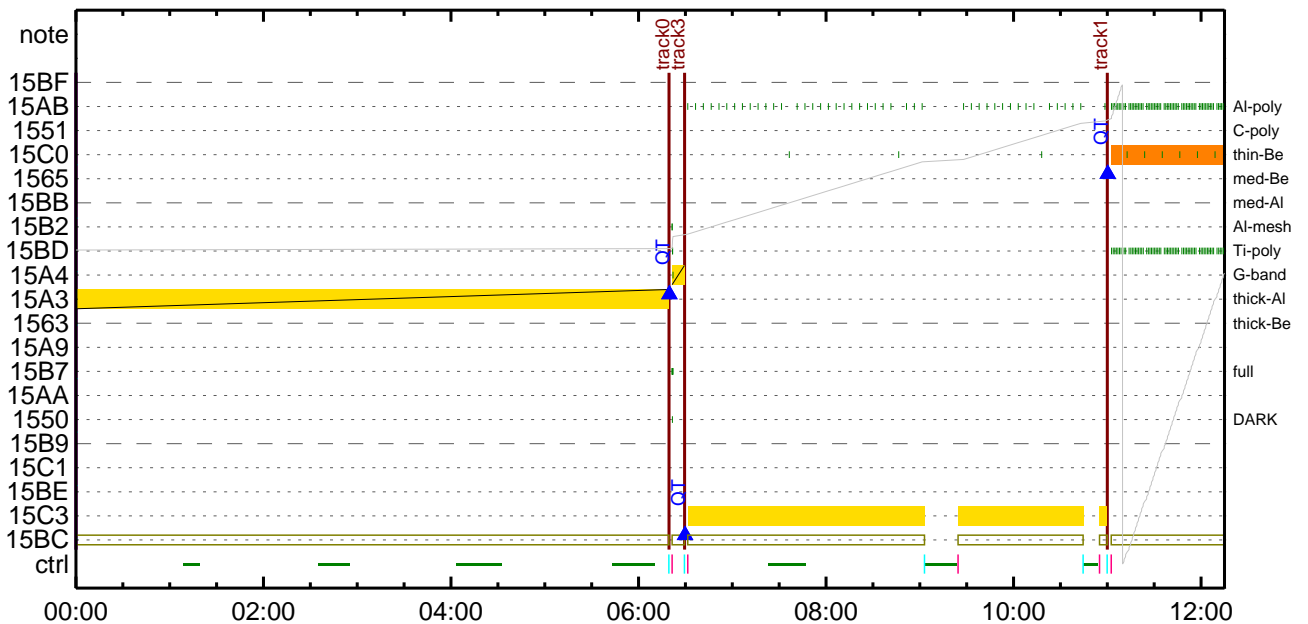
CMDI #0132 2008/09/13



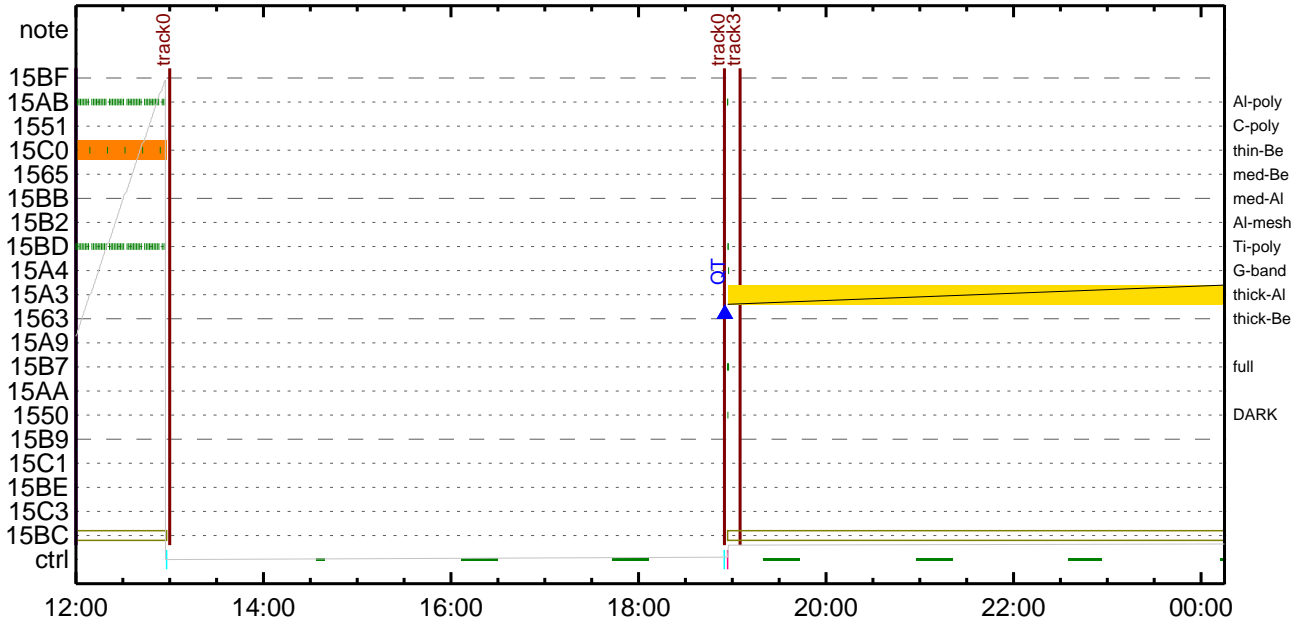
CMDI #0132 2008/09/13



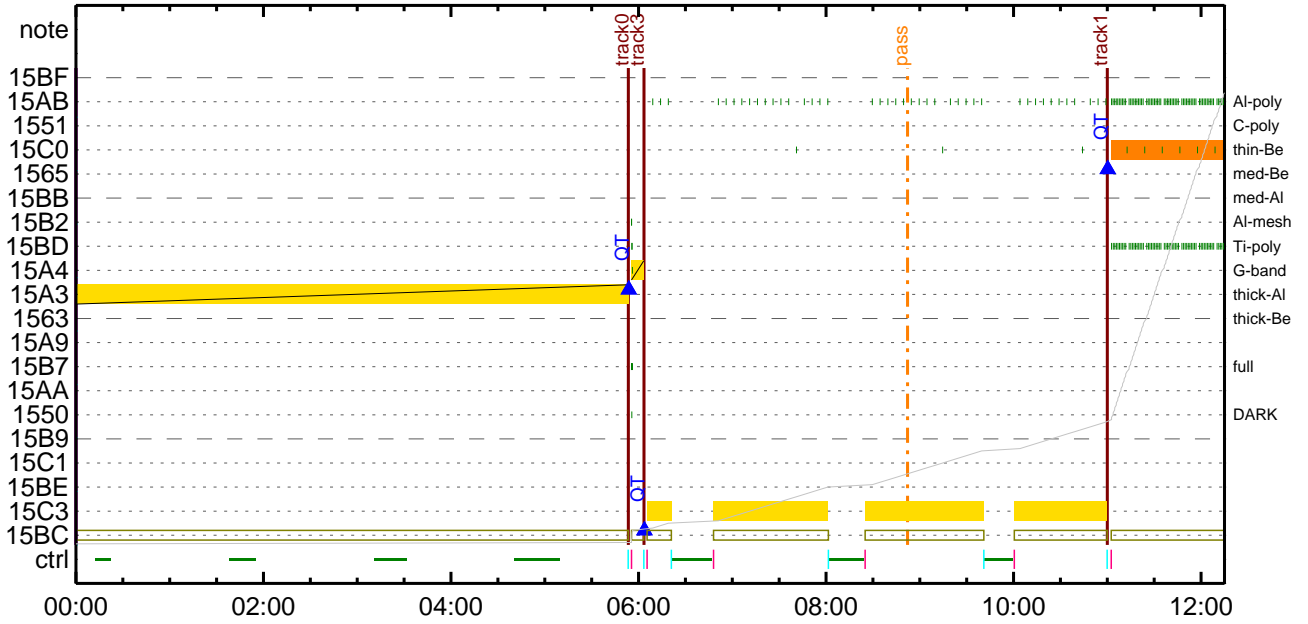
CMDI #0132 2008/09/14



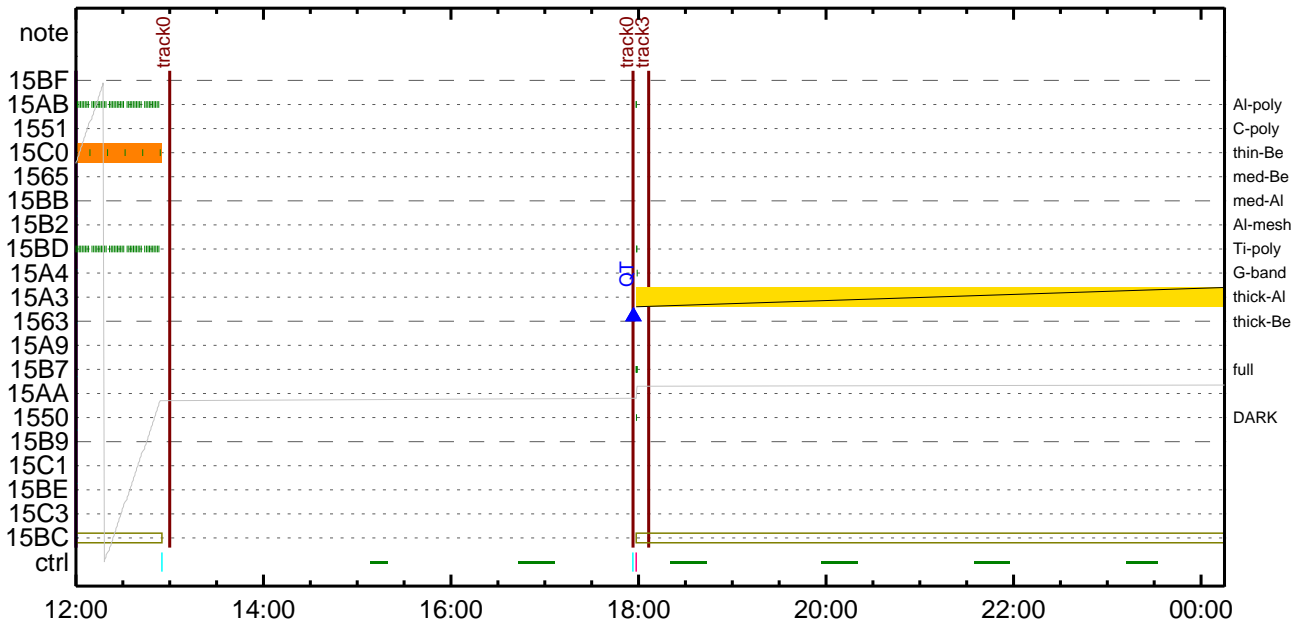
CMDI #0132 2008/09/14



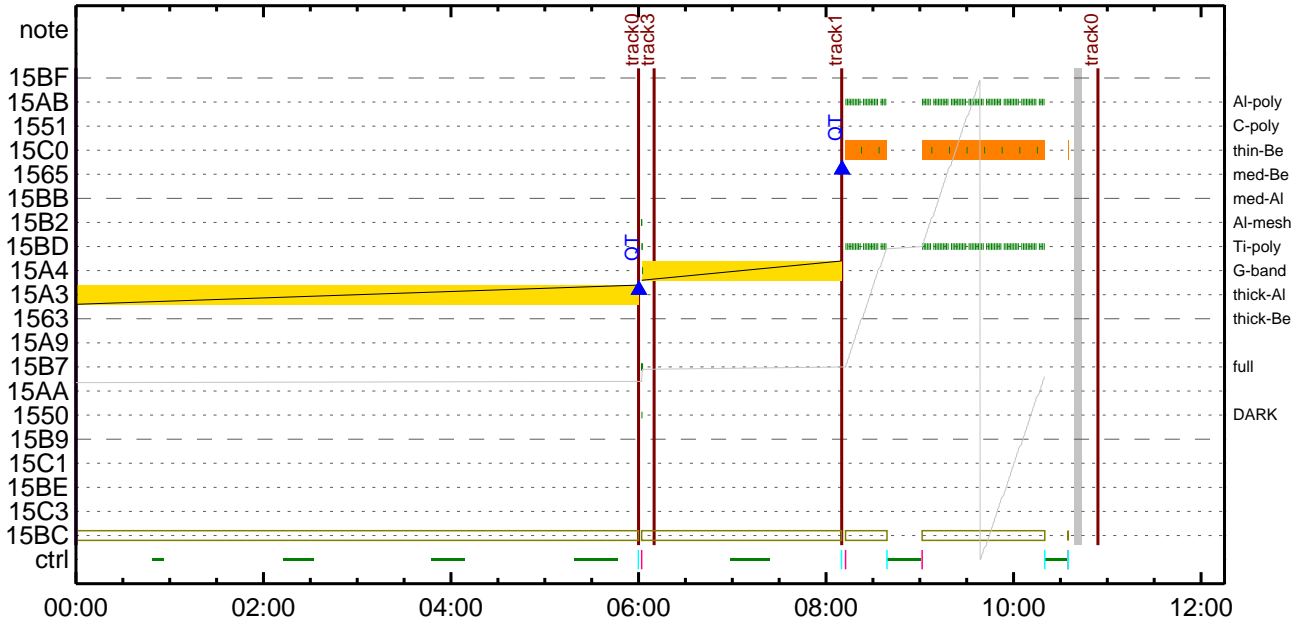
CMDI #0132 2008/09/15



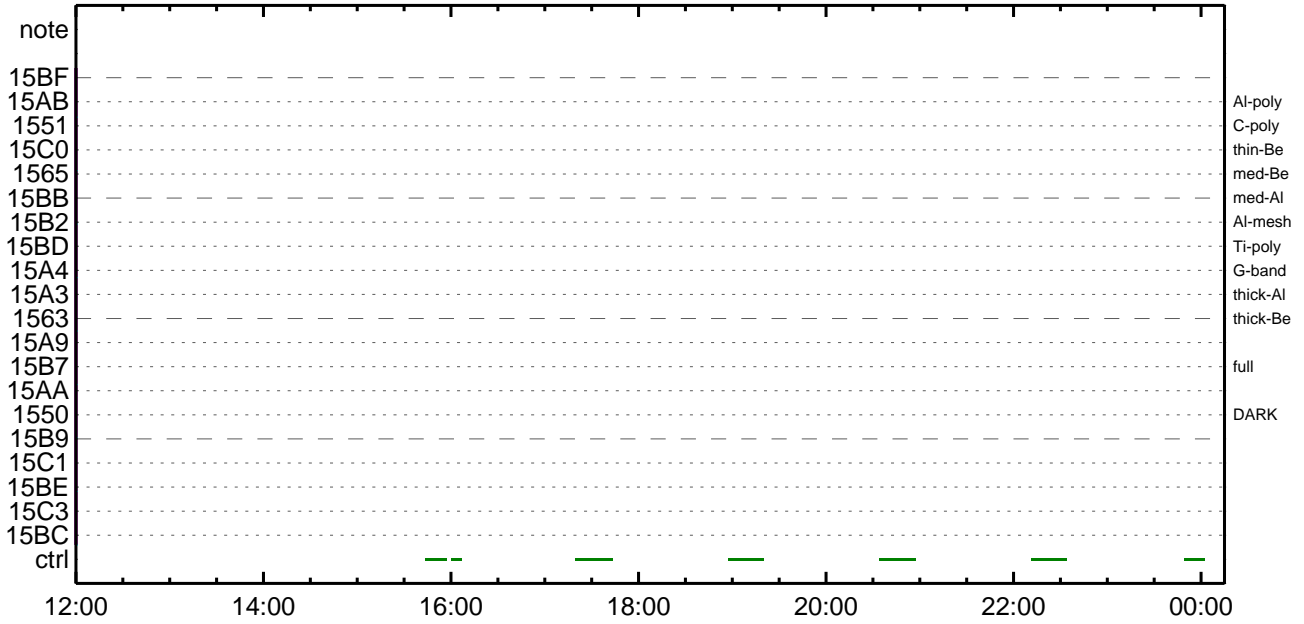
CMDI #0132 2008/09/15



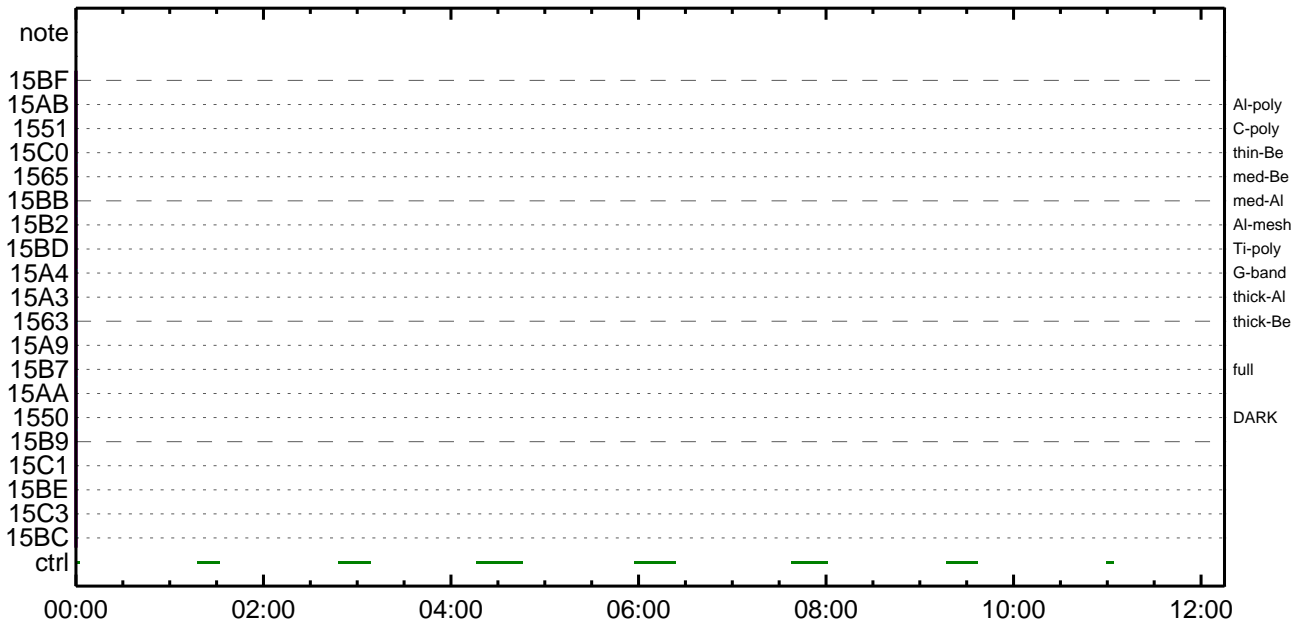
CMDI #0132 2008/09/16



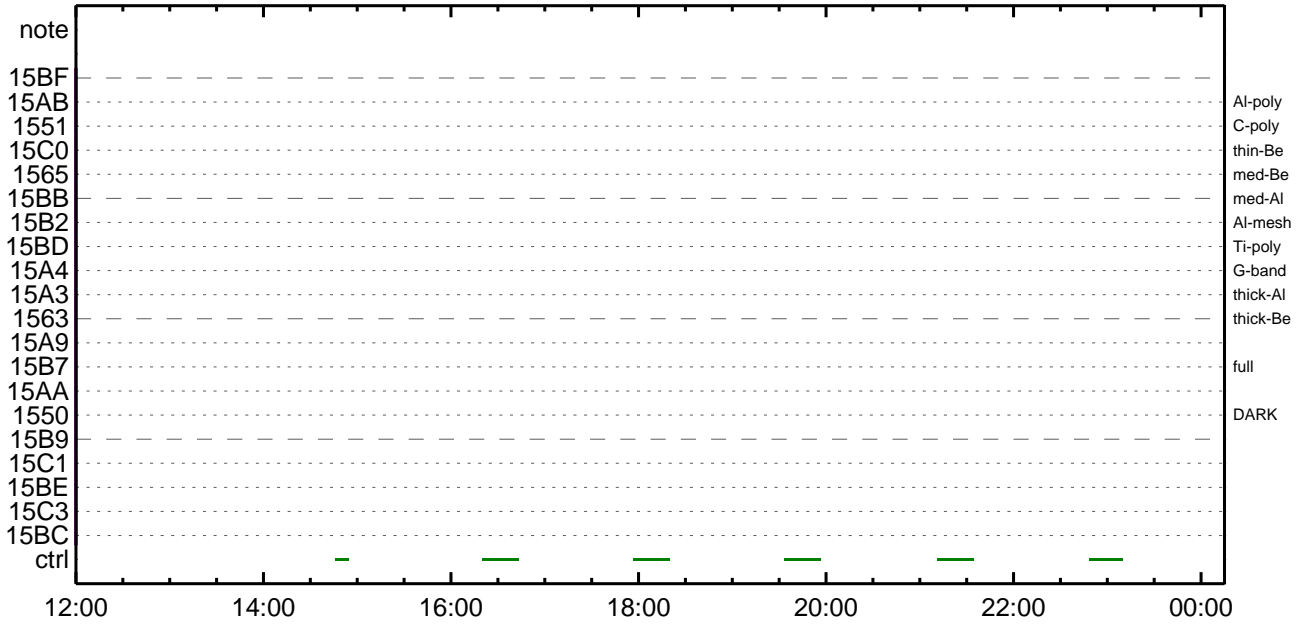
CMDI #0132 2008/09/16



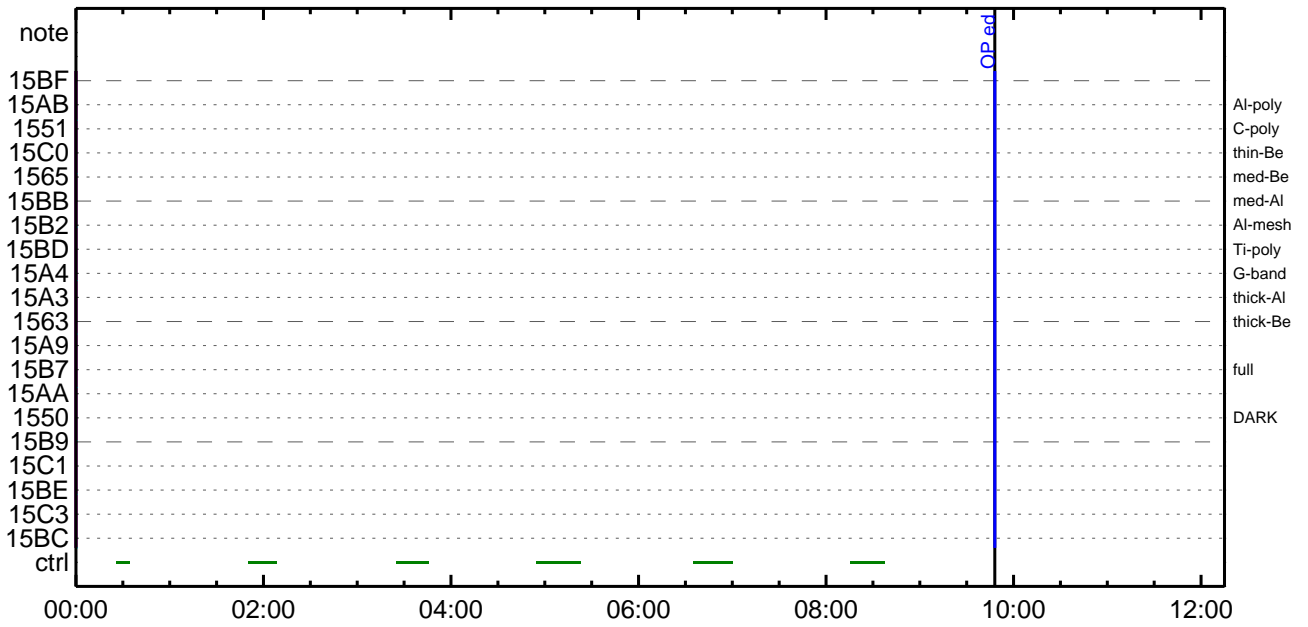
CMDI #0132 2008/09/17



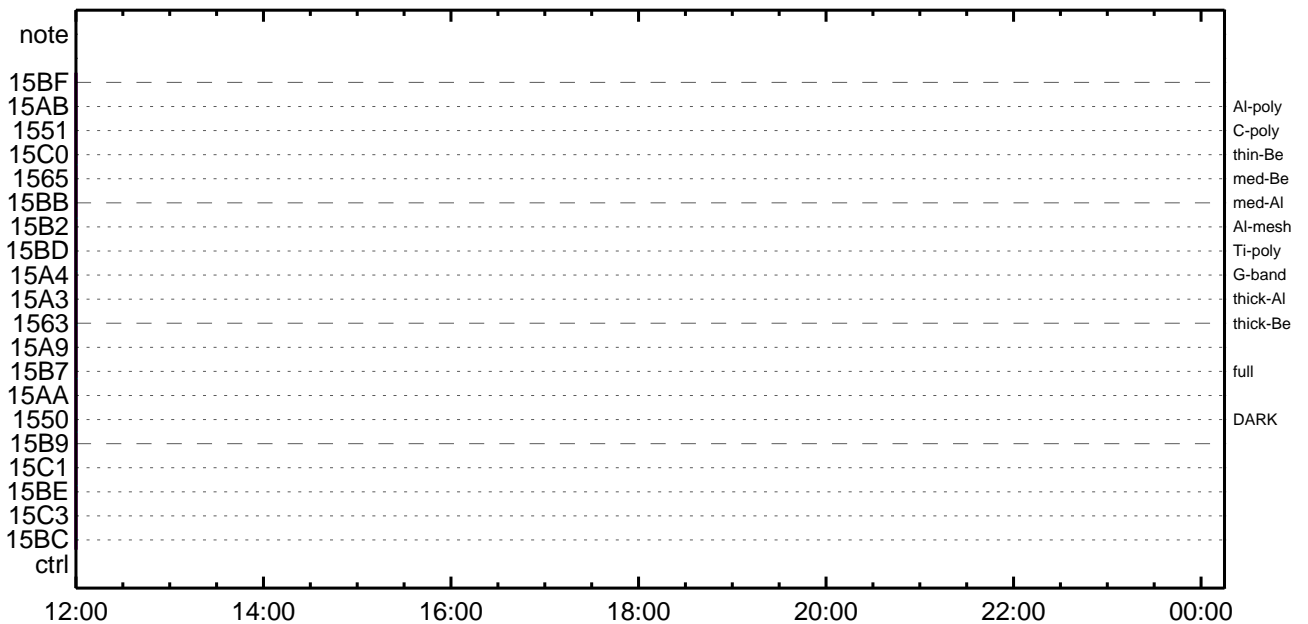
CMDI #0132 2008/09/17



CMDI #0132 2008/09/18



CMDI #0132 2008/09/18




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0096 C.
0097 C.
0098 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0099 +. DC 07-FC EIS_MODE_MANU
0100 BC (21 02)
0101 . C. Verify EIS in MANUAL mode
0102 . C. Estimated OBSTBL upload time is 10s
0103 C. *****
0104 C. EIS START OBSTBL LOAD
0105 C. *****
0106 . S. RAM ram-820:EIS_OBSTBL
0107 ( )
0108 +. DC 07-FC EIS_DUMP_OBSTBL
0109 BC (07 07 07 00 00 70 00)
0110 C.
0111 C. Execute, after the success of OBSTBL upload.
0112 C. Set EIS TI-commands
0113 +. TI 2008-09-13 10:29:50.0
0114 DC 07-FC EIS_MODE_CHG_ENA
0115 BC (20)
0116 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0117 C. *****
0118 C. EIS END OBSTBL LOAD
0119 C. *****
0120 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0121 C. Upload the Orbit Element and the Target Attitude
0122 C. RAM-ID:TARGET_ATT
0123 . S. RAM ram-150:TARGET_ATT
0124 ( )
0125 C.
0126 C.
0127 C. Set the dump memory area of TARGET_ATT
0128 +. DC 02-48 AOCU_DUMP_SET
0129 BC (07 00 00 00 18 00)
0130 C.
0131 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0132 C.
0133 C.
0134 C. Change the TLMFormatNo for the AOCs Dump Format
0135 +. DC 01-22 DHU_MODE_CHNG
0136 BC (04 0b f8)
0137 C.
0138 C. Wait for AOCSDUMP to end
0139 C.
0140 . C. Check the dump memory
0141 C.
0142 C. Result = OK [ ]
0143 C.
0144 +. DC 01-22 DHU_MODE_CHNG
0145 BC (02 0a f8)
0146 C.
0147 C. <A_***>[TLM STS] FMT = 2 [ ]
0148 C.
0149 +. DC 02-8E AOCU_ORB_UPD
0150 . C.
0151 C.
0152 . C. ***** MDP 'uãîpî»ö¼ÝpëÄð¹ñëDCBC•x²è *****
0153 C. (%ã°îÝÓÝÄÝËÝÞÝËÝáÝçÝëñ¼¼¼¼»Û¹ñë)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** ÝÐÝ¹•İ Daily±¿İÑñË´Ø¹ñëDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOSÝÁÝ§ÝÄÝ¹¼Ä»Û;ã
0164 C.
0165 . C. ***** LOS *****
0166 C.

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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 80 80 10 08)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 80 80 08 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 09 80 80 20 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 0f 80 80 06 06)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 10 80 80 04 04)
0136 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0137 BC (c4 02)
0138 + DC 07-F0 MDP_XRT_ARS_DIS
0139 BC (d5)
0140 + DC 07-F0 MDP_XRT_FLD_DIS
0141 BC (d9)
0142 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0143 BC (c9)
0144 . C. ----- Success Verify ? OK / NG ____
0145 C.
0146 C.
0147 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0148 C.
0149 +. DC 07-F0 MDP_XRT_MODE_OBSV
0150 BC (c2)
0151 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0152 BC (c0)
0153 +. TI 2008-09-13 10:29:02.0
0154 DC 07-F0 MDP_XRT_MODE_OBSV
0155 BC (c2)
0156 +. TI 2008-09-13 10:29:04.0
0157 DC 07-F0 MDP_XRT_CTRL_AUTO
0158 BC (c0)
0159 . C. ----- Success Verify ? OK / NG ____
0160 C.
0161 C. ***** XRT END *****
0162 . C. *****
0163 C. SOT table upload
0164 C. *****
0165 . C. < Stop FG table >
0166 +. DC 07-F0 MDP_FG_CTRL_MANU
0167 BC (51)
0168 . C. -----
0169 C. MDP_FG_CTRL_MODE = MANU [ ]
0170 C. -----
0171 C.
0172 . C. <Upload FG Observation Table>
0173 . S. RAM ram-264:MDP_OBS_F
0174 ( )
0175 C.
0176 . C. < Dump RAMID=MDP_OBS_F >
0177 +. DC 07-F0 MDP_DUMP_FGTBL
0178 BC (82 07 00 00 00 38 b8)
0179 C. -----
0180 C. MDP_OBS_F verify = OK/NG [ ]
0181 C. -----
0182 C.
0183 . C. < Stop SP table >
0184 +. DC 07-F0 MDP_SP_CTRL_MANU
0185 BC (61)
0186 C. -----
0187 C. MDP_SP_CTRL_MODE = MANU [ ]
0188 C. -----
0189 C.
0190 . C. <Upload SP Observation Table>
0191 . S. RAM ram-289:MDP_OBS_S
0192 ( )
0193 C.

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0194 . C. < Dump RAMID=MDP_OBS_S >
0195 +. DC 07-F0 MDP_DUMP_SPTBL
0196 BC (83 07 00 00 00 38 b8)
0197 C. -----
0198 C. MDP_OBS_S verify = OK/NG [ ]
0199 C. -----
0200 C.
0201 C. *****
0202 C. SOT TI command set
0203 C. *****
0204 C. Execute, after the success of TBL upload.
0205 +. TI 2008-09-13 10:29:18.0
0206 DC 07-F0 MDP_SOT_MODE_OBSV
0207 BC (40)
0208 C. -----
0209 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0210 C. -----
0211 C.
0212 C.
0213 . C. ***** MDP 'ûÃîñï»ö¼ŷñÈÀðñ¹æDCBC•x²è *****
0214 C. (¼ã°îŷÓŷÃŷÈŷPŷÈŷãŷçŷëæ¼¼¼¼À»Ûñ¹æè)
0215 . S. DC-BC dcbc-402:DCBC
0216 (MDP_known_event)
0217 C.
0218 C.
0219 . C. ***** ŷDŷ¹•İ Daily±;İÑñÈ'Øñ¹æDCBC•x²è *****
0220 . S. DC-BC dcbc-153:DCBC
0221 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0222 C.
0223 C.
0224 . C. ;ãLOSŷÁŷSŷÃŷ-¼À»Û;ã
0225 C.
0226 . C. ***** LOS *****
0227 C.

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Sep 13, 08 12:22

XRT_OGLIST_0132.chk

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*** OP Sequence for XRT ***

2008/09/13	10:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/13	10:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/09/13	10:40:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2008/09/13	10:40:16.0	XRT_QT_PROG_SET_423_OG [0x1a7]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2008/09/13	10:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/13	10:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/13	10:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/13	10:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/13	12:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/13	12:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/09/13	13:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 50 00 fb 8e		
2008/09/13	13:00:16.0	XRT_QT_PROG_SET_425_OG [0x1a9]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2008/09/13	13:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/13	13:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/13	13:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/13	13:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/13	15:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/13	15:43:30.0	XRT_Custom_430_OG [0x1ae]					
2008/09/13	15:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/13	15:51:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/13	15:53:00.0	XRT_Custom_430_OG [0x1ae]					
2008/09/13	15:54:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/13	17:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/13	17:30:00.0	XRT_Custom_430_OG [0x1ae]					
2008/09/13	17:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/13	18:43:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/13	19:06:30.5	XRT_Custom_430_OG [0x1ae]					
2008/09/13	19:07:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/13	19:07:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/13	19:07:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/09/13	19:08:00.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2008/09/13	19:08:16.0	XRT_QT_PROG_SET_409_OG [0x199]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2008/09/13	19:08:18.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/13	19:08:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/13	19:08:22.0	XRT_ARS_DIS_427_OG [0x1ab]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/13	19:10:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/13	19:18:00.5	AOCS_OrE-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	03 00 00 00 00		
2008/09/14	06:19:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/14	06:19:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/09/14	06:19:30.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2008/09/14	06:19:46.0	XRT_QT_PROG_SET_429_OG [0x1ad]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2008/09/14	06:19:48.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/09/14	06:19:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/09/14	06:19:52.0	XRT_ARS_DIS_427_OG [0x1ab]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/09/14	06:21:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/09/14	06:29:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/09/14	06:29:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/09/14	06:29:30.0	AOCS_OrE-point_Start_4_OG [0x09a]					

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2008/09/14	06:29:46.0	XRT_QT_PROG_SET_414_OG [0x19e]	AOCU_NM	5	02-76	03	00	00	00	00
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	02			
2008/09/14	06:31:24.0	XRT_ARS_DIS_422_OG [0x1a6]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2008/09/14	06:31:26.0	XRT_FLD_DIS_445_OG [0x1bd]		1	07-F0	d9				
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2008/09/14	06:31:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2008/09/14	06:31:30.0	XRT_CTRL_AUTO_403_OG [0x193]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2008/09/14	09:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2008/09/14	09:23:30.0	XRT_Custom_430_OG [0x1ae]								
2008/09/14	09:24:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2008/09/14	10:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2008/09/14	10:54:00.0	XRT_Custom_430_OG [0x1ae]								
2008/09/14	10:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2008/09/14	10:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2008/09/14	10:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2008/09/14	11:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]		5	02-76	01	00	00	00	00
		AOCU_NM		5	02-76	01	00	00	00	00
2008/09/14	11:00:16.0	XRT_QT_PROG_SET_423_OG [0x1a7]		2	07-F0	c4	11			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	11			
2008/09/14	11:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2008/09/14	11:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]		1	07-F0	d9				
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2008/09/14	11:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2008/09/14	11:02:30.0	XRT_CTRL_AUTO_403_OG [0x193]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2008/09/14	12:58:00.0	XRT_CTRL_MANU_428_OG [0x1ac]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2008/09/14	13:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]		5	02-76	00	50	00	fb	8e
		AOCU_NM		5	02-76	00	50	00	fb	8e
2008/09/14	18:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2008/09/14	18:54:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]		4	07-F8	22	ff	aa	00	
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00	
2008/09/14	18:55:00.0	AOCS_ORe-point_Start_3_OG [0x099]		5	02-76	00	00	00	00	00
		AOCU_NM		5	02-76	00	00	00	00	00
2008/09/14	18:55:16.0	XRT_QT_PROG_SET_409_OG [0x199]		2	07-F0	c4	0b			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0b			
2008/09/14	18:55:18.0	XRT_FLD_DIS_419_OG [0x1a3]		1	07-F0	d9				
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2008/09/14	18:55:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2008/09/14	18:55:22.0	XRT_ARS_DIS_427_OG [0x1ab]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2008/09/14	18:57:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2008/09/14	19:05:00.0	AOCS_ORe-point_Start_4_OG [0x09a]		5	02-76	03	00	00	00	00
		AOCU_NM		5	02-76	03	00	00	00	00
2008/09/15	05:53:24.0	XRT_CTRL_MANU_428_OG [0x1ac]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2008/09/15	05:53:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]		4	07-F8	22	ff	aa	00	
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00	
2008/09/15	05:53:30.0	AOCS_ORe-point_Start_3_OG [0x099]		5	02-76	00	00	00	00	00
		AOCU_NM		5	02-76	00	00	00	00	00
2008/09/15	05:53:46.0	XRT_QT_PROG_SET_429_OG [0x1ad]		2	07-F0	c4	0c			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0c			
2008/09/15	05:53:48.0	XRT_FLD_DIS_419_OG [0x1a3]		1	07-F0	d9				
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2008/09/15	05:53:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2008/09/15	05:53:52.0	XRT_ARS_DIS_427_OG [0x1ab]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2008/09/15	05:55:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2008/09/15	06:03:24.0	XRT_CTRL_MANU_428_OG [0x1ac]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2008/09/15	06:03:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2008/09/15	06:03:30.0	AOCS_ORe-point_Start_4_OG [0x09a]		5	02-76	03	00	00	00	00
		AOCU_NM		5	02-76	03	00	00	00	00
2008/09/15	06:03:46.0	XRT_QT_PROG_SET_414_OG [0x19e]		2	07-F0	c4	02			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	02			
2008/09/15	06:05:24.0	XRT_ARS_DIS_422_OG [0x1a6]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2008/09/15	06:05:26.0	XRT_FLD_DIS_445_OG [0x1bd]		1	07-F0	d9				
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2008/09/15	06:05:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2008/09/15	06:05:30.0	XRT_CTRL_AUTO_403_OG [0x193]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2008/09/15	06:21:00.0	XRT_CTRL_MANU_435_OG [0x1b3]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				

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2008/09/15	06:47:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/15	06:48:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/15	08:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/15	08:24:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/15	08:25:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/15	09:41:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/15	09:59:30.5	XRT_Custom_430_OG [0x1ae]							
2008/09/15	10:00:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/15	10:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/15	10:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/09/15	11:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2008/09/15	11:00:16.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2008/09/15	11:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/15	11:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/15	11:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/15	11:02:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/15	12:55:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/15	13:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 50 00 fb 8e				
2008/09/15	17:56:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/15	17:56:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/09/15	17:56:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/09/15	17:56:46.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2008/09/15	17:56:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/15	17:56:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/15	17:56:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/15	17:58:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/15	18:06:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/09/16	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/16	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/09/16	06:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/09/16	06:00:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2008/09/16	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/16	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/16	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/16	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/16	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2008/09/16	08:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/16	08:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/09/16	08:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2008/09/16	08:10:16.0	XRT_QT_PROG_SET_423_OG [0x1a7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2008/09/16	08:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/16	08:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/16	08:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/16	08:12:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/16	08:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/16	09:00:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/16	09:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/16	10:20:00.5	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/16	10:34:00.0	XRT_Custom_430_OG [0x1ae]							

2008/09/16	10:35:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2008/09/16	10:35:00.5	XRT_CTRL_MANU_428_OG [0x1ac]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2008/09/16	10:54:00.0	AOCS_ORe-point_Start_3_OG [0x099]		
		AOCU_NM	5	02-76 00 00 00 00 00