

XRT Timeline to be uploaded on 2008/09/27

Period: 2008/09/27 11:01:00 - 2008/10/02 10:52:00

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Normal mode

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XOB #15CB: HOP85 - AI_poly Q95 FOV 256x256 5 min cadence w/ context and G-band												
Term	Pointing (x, y)				Comment							
09/27 11:13:00 - 09/27 18:19:54	Fixed (0.0, 900.0)				# OP start + 10min HOP 85 (officially start at 20 UT)							
09/27 18:32:00 - 09/28 08:49:54	Fixed (0.0, 900.0)				# HOP85							
09/28 09:02:00 - 09/28 17:50:24	Fixed (0.0, 900.0)				# HOP 85							
09/28 18:02:30 - 09/29 05:59:54	Fixed (0.0, 900.0)				# HOP 85							
PROG= 09 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 81 12-time(s) 4.0sec												
└─ AI-poly/Open AI-poly/Open close Safe Norm 16.0s Obs 1x1 256x256 (1024, 1024) Q=95 0 0 300.0sec												
└─ Seqn= 80 1-time(s) 4.0sec												
└─ AI-poly/Open AI-poly/thick-AI close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 4.0sec												
└─ Seqn= 32 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 #15A3: Synoptic Q95 2x2 - AI/poly(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)												
Term	Pointing (x, y)				Comment							
09/27 18:22:00 - 09/27 18:29:54	Fixed (0.0, 0.0)				synoptic, shifted 1.0 min							
09/28 17:52:30 - 09/28 18:00:24	Fixed (0.0, 0.0)				synoptic, shifted -9.5 min							
09/29 17:57:00 - 09/30 06:27:24	Fixed (0.0, 0.0)				synoptic, shifted -5.0 min							
PROG= 11 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 18 1-time(s) 4.0sec												
└─ AI-poly/Open AI-poly/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ AI-poly/Open AI-poly/thick-AI close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 72 1-time(s) 2.0sec												
└─ Open/AI-mesh Open/AI-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-AI close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-AI 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 - AI/mesh(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)												
Term	Pointing (x, y)				Comment							
09/28 08:52:00 - 09/28 08:59:54	Fixed (0.0, 0.0)				synoptic, shifted 2 hours 50 min							
09/29 06:02:00 - 09/29 09:59:54	Fixed (0.0, 0.0)				synoptic							
09/30 06:29:30 - 09/30 11:24:54	Fixed (0.0, 0.0)				synoptic, shifted 27.5 min							
PROG= 12 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 87 1-time(s) 4.0sec												
└─ Open/AI-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/AI-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/AI-mesh Open/AI-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-AI close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-AI 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 #15CD: AI_poly - AEC1 - 384x384 - 30 s cadence with 4096 ms full FOV context-2												
Term	Pointing (x, y)				Comment							
09/29 10:02:00 - 09/29 16:11:00	Fixed (580.0, 750.0)				# HOP 73 (officially 10UT to 14 UT)							
PROG= 07 Inf.-time(s)												
└─ Subr= 1 20-time(s) 30.0sec												
└─ Seqn= 65 1-time(s) 2.0sec												
└─ AI-poly/Open AI-poly/thick-AI close Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) Q=95 1 0 2.0sec												
└─ Subr= 2 1-time(s) 60.0sec												
└─ Seqn= 25 1-time(s) 2.0sec												
└─ AI-poly/Open AI-poly/thick-AI close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

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Flare mode

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NOT USED

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Active Region Search

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NOT USED

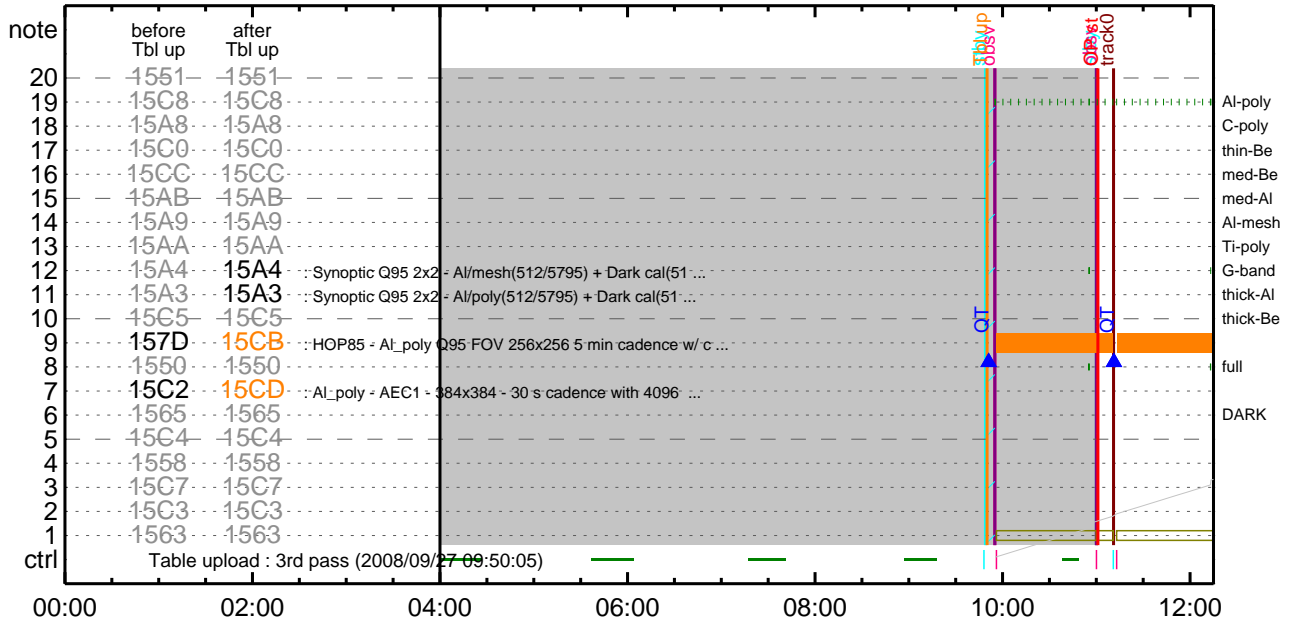
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Flare Detection

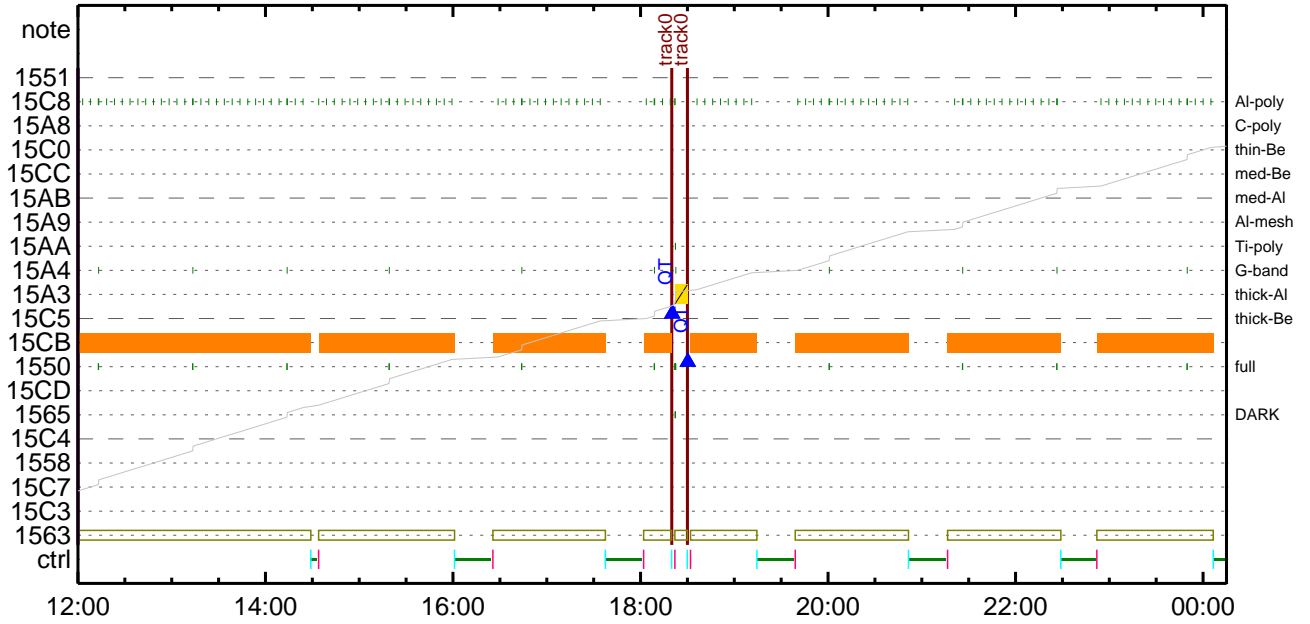
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NOT USED

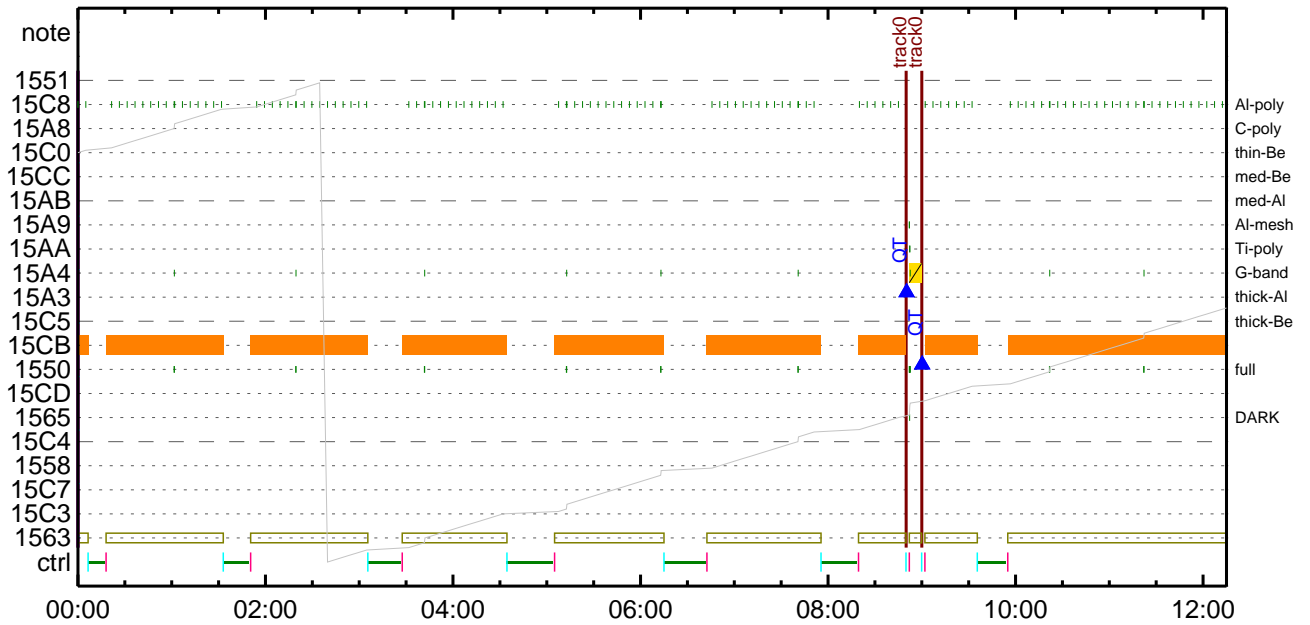
CMDI #0160 2008/09/27



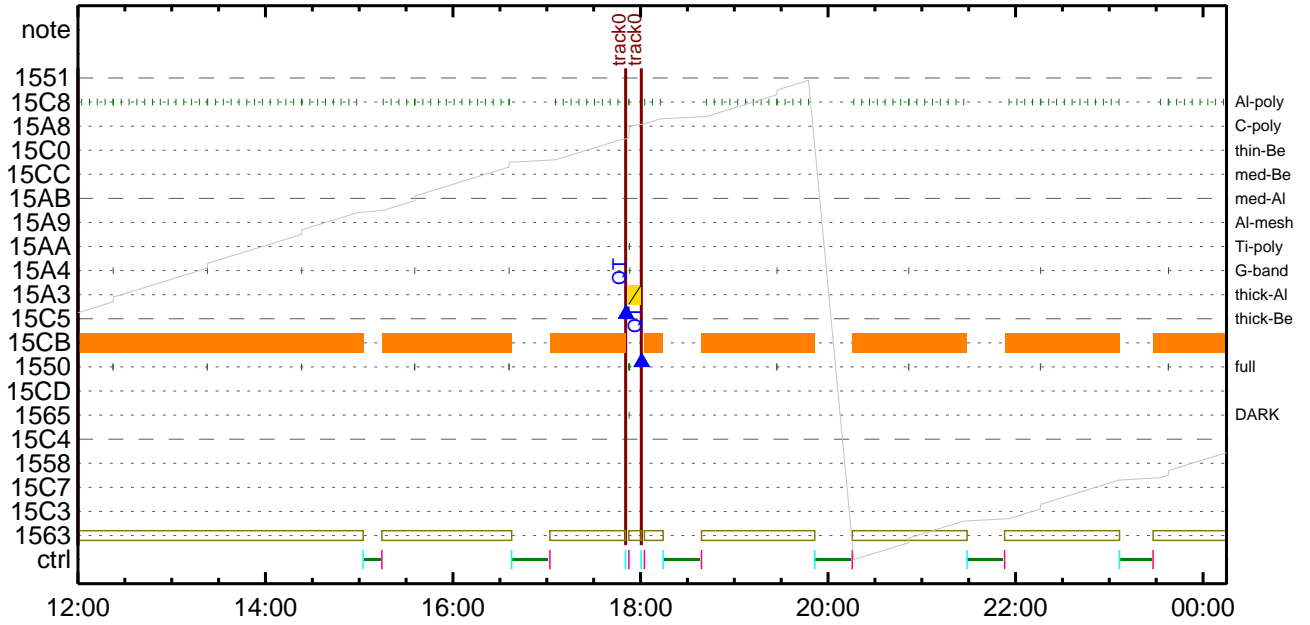
CMDI #0160 2008/09/27



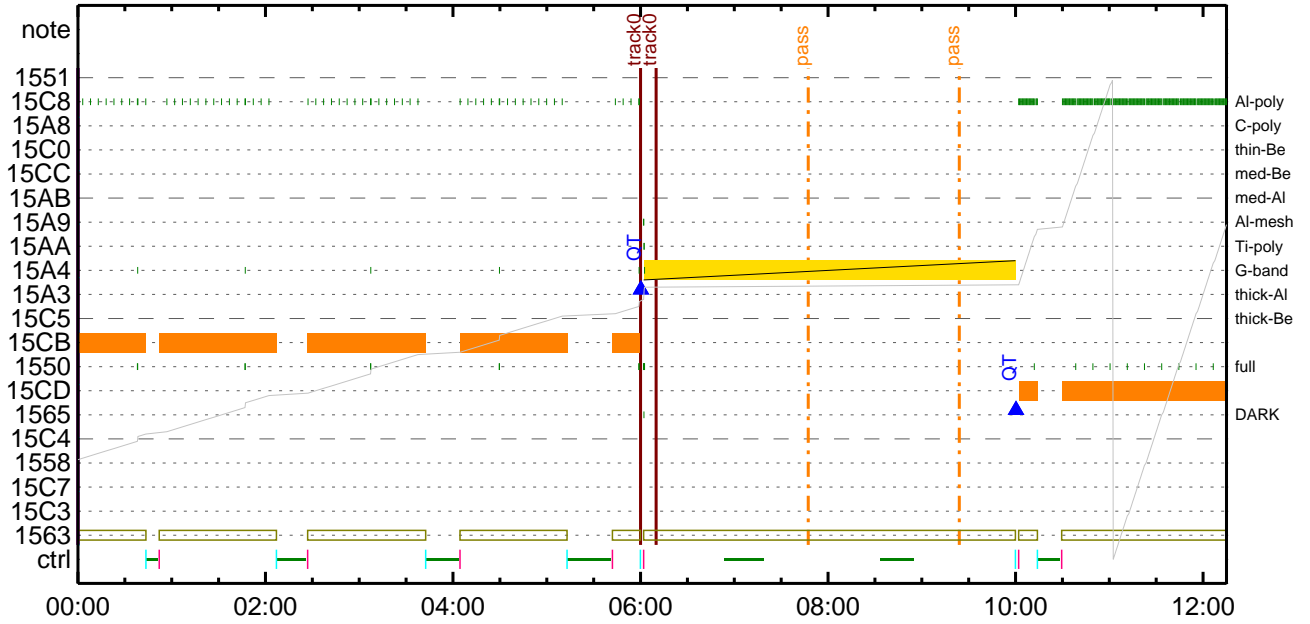
CMDI #0160 2008/09/28



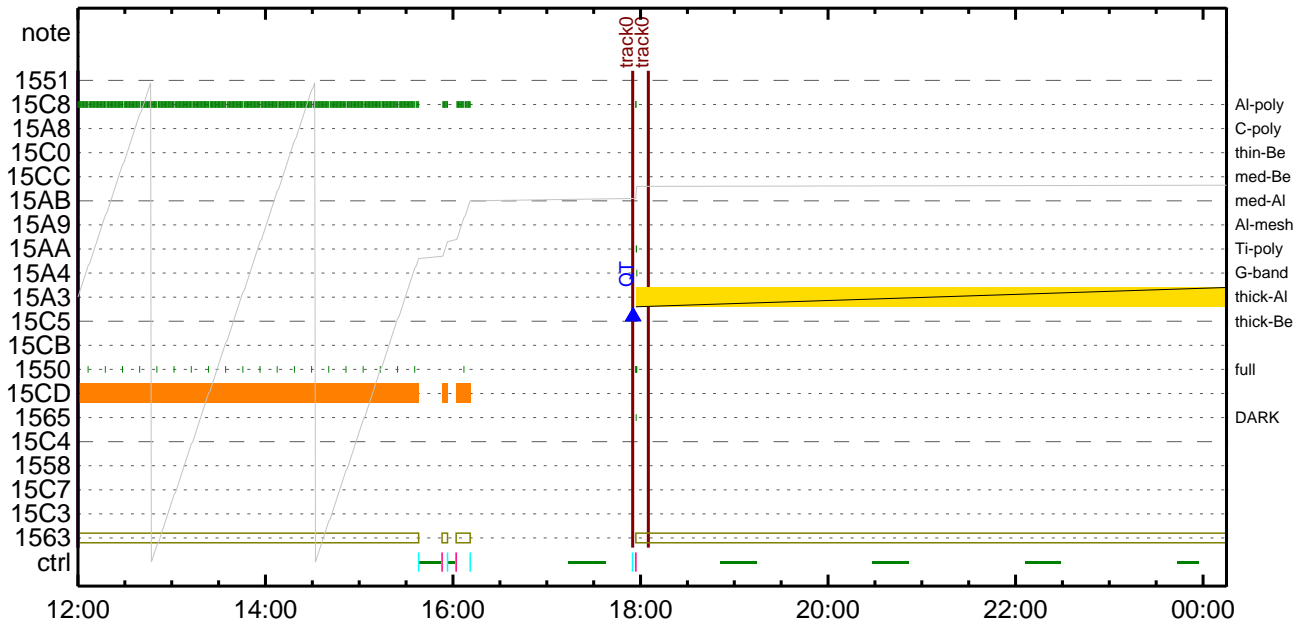
CMDI #0160 2008/09/28



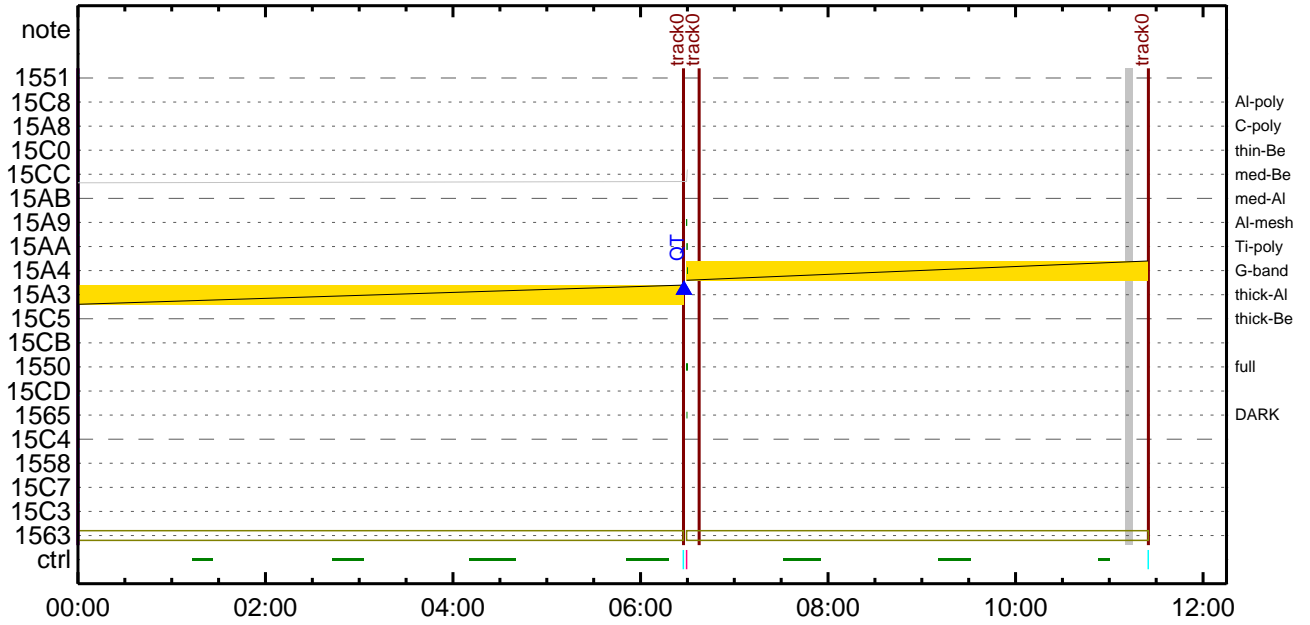
CMDI #0160 2008/09/29



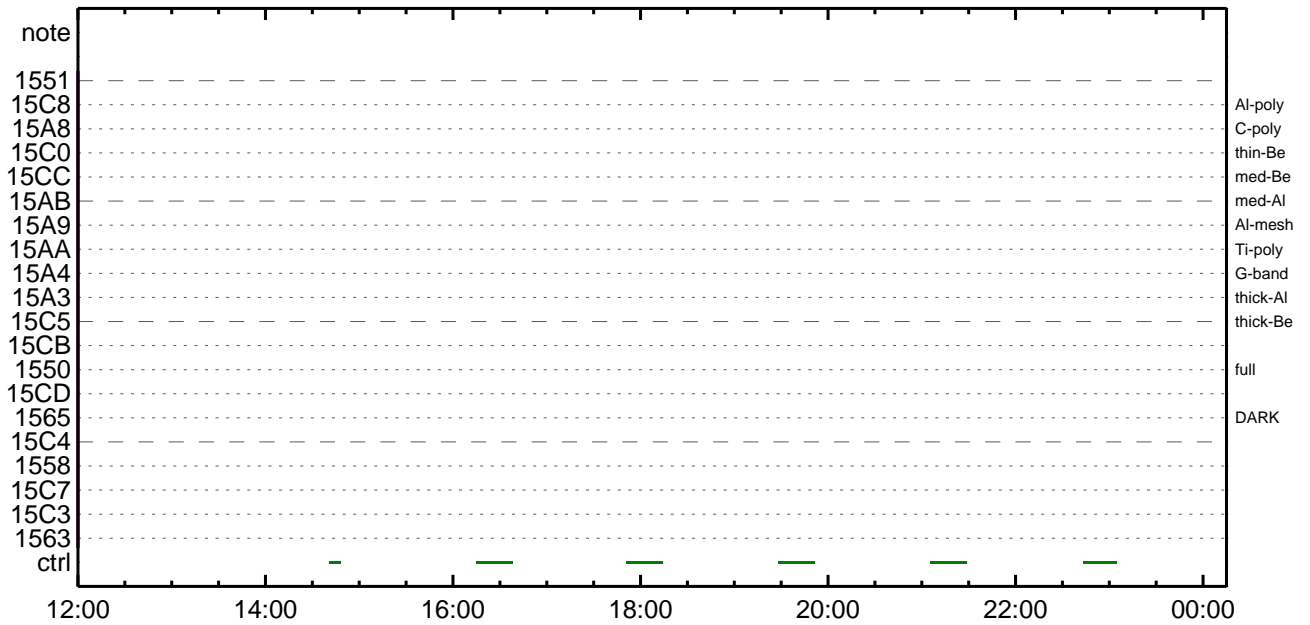
CMDI #0160 2008/09/29



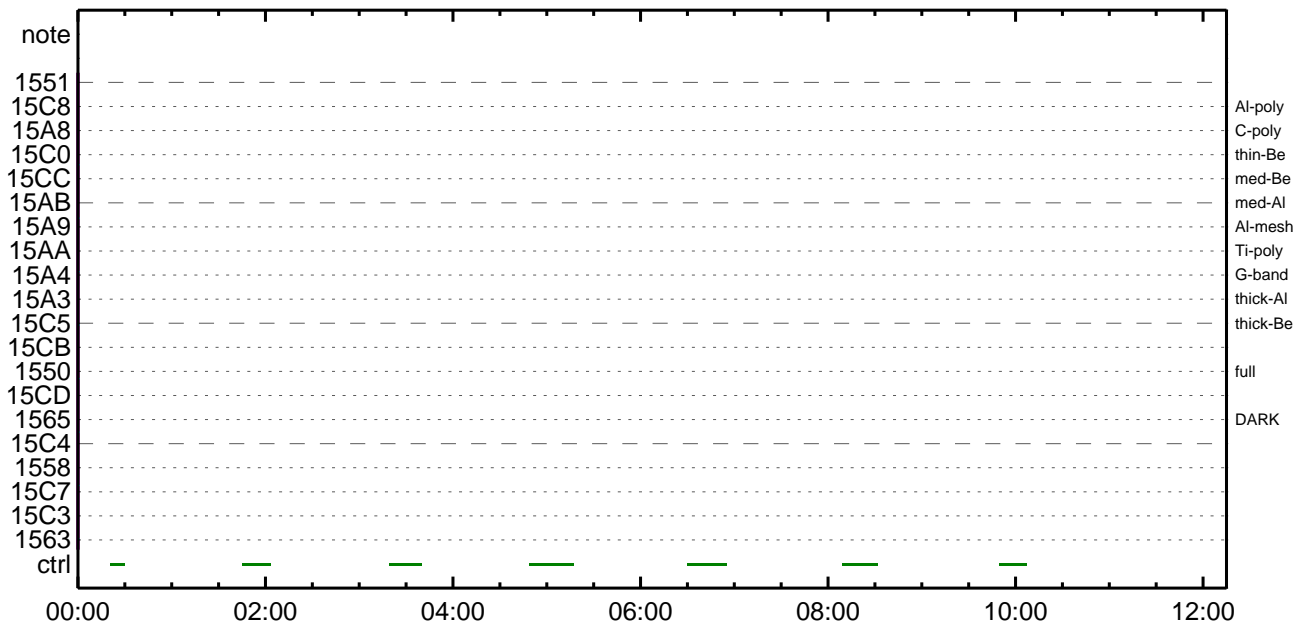
CMDI #0160 2008/09/30



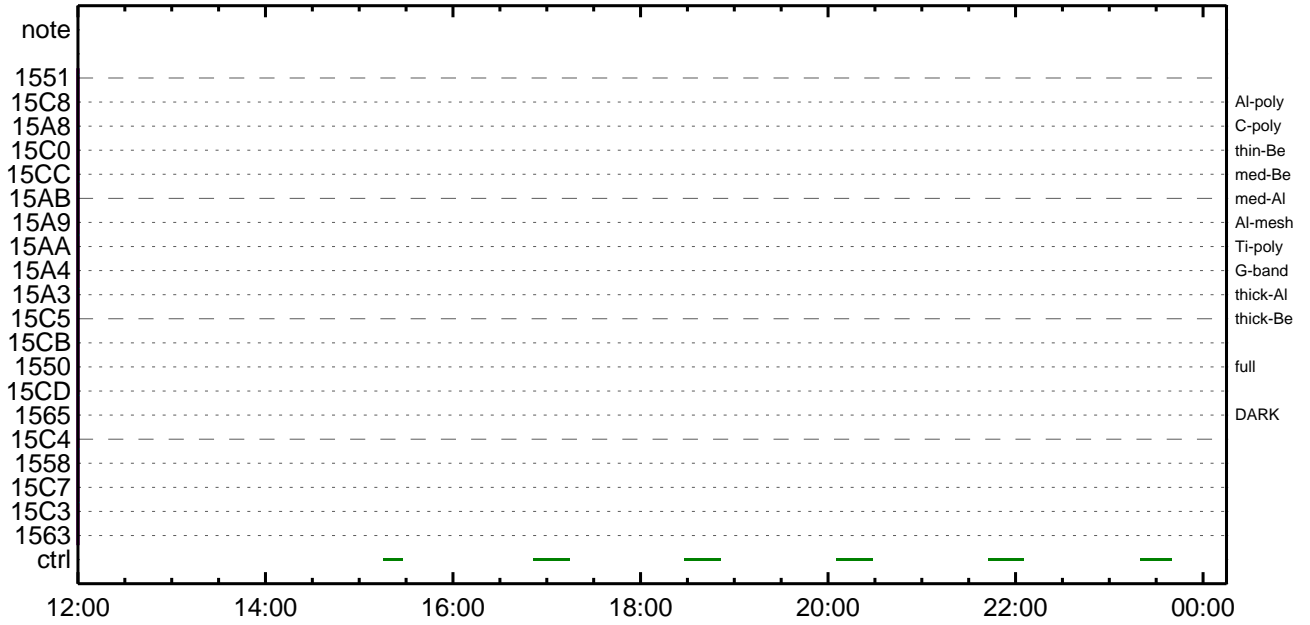
CMDI #0160 2008/09/30



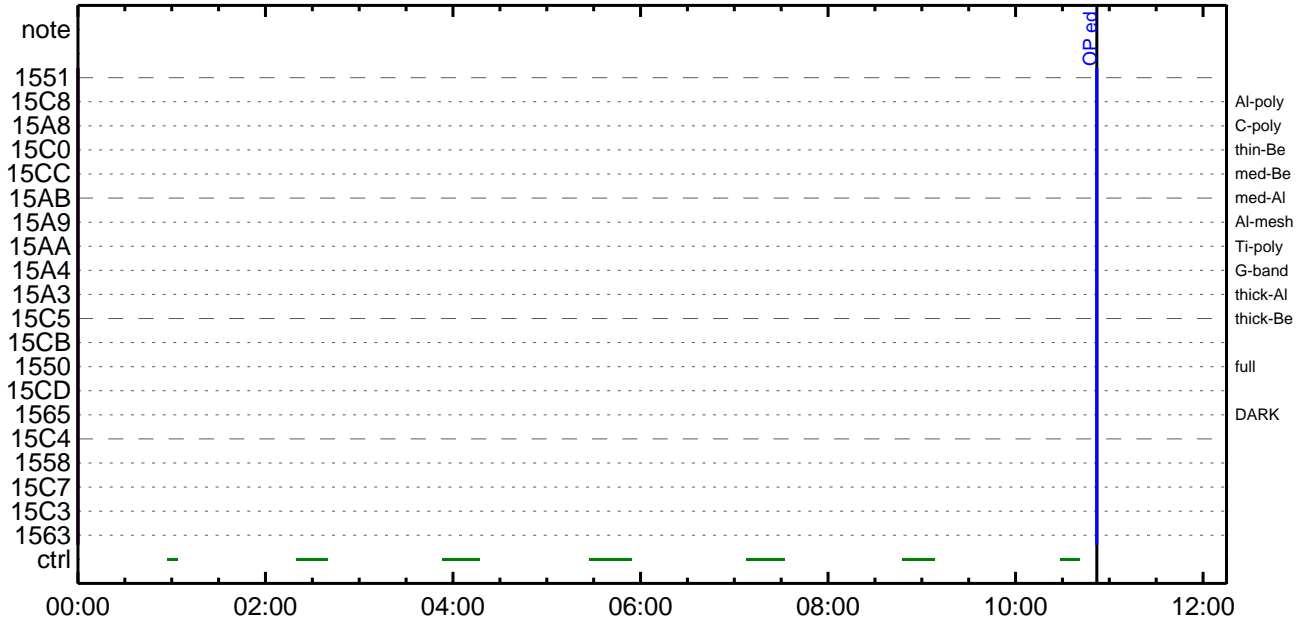
CMDI #0160 2008/10/01



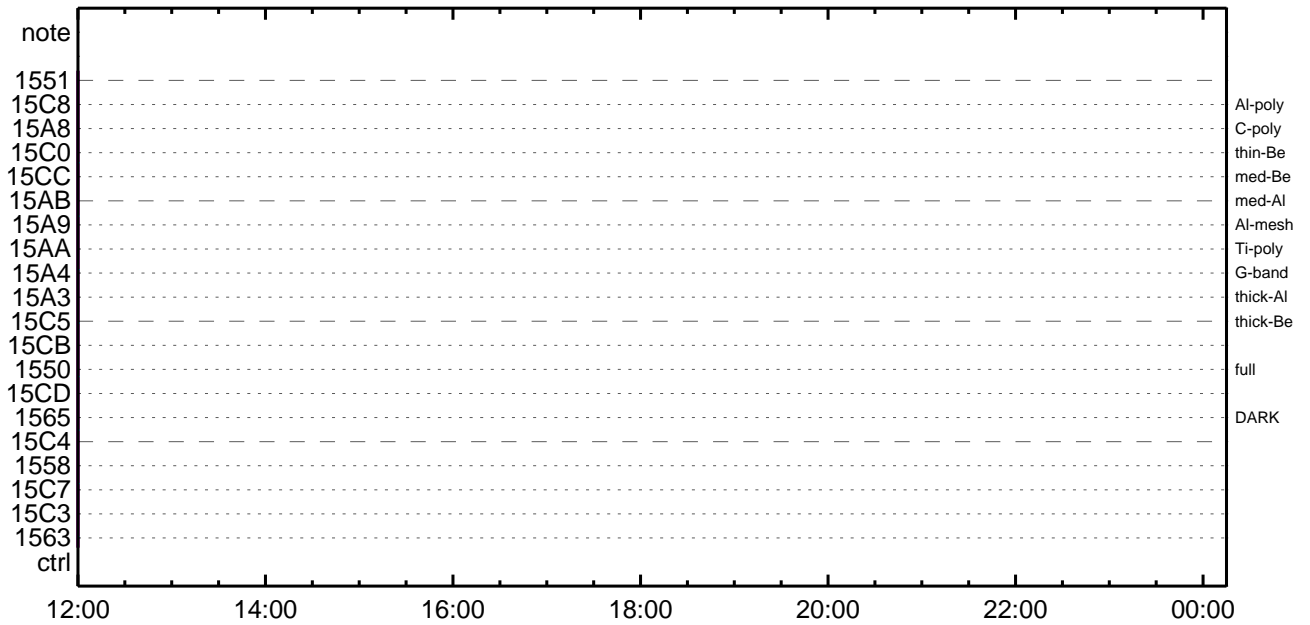
CMDI #0160 2008/10/01



CMDI #0160 2008/10/02



CMDI #0160 2008/10/02




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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 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 04 04)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 80 80 06 06)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 0f 80 80 06 06)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 10 80 80 04 04)
0134 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0135 BC (c4 09)
0136 + DC 07-F0 MDP_XRT_ARS_DIS
0137 BC (d5)
0138 + DC 07-F0 MDP_XRT_FLD_DIS
0139 BC (d9)
0140 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0141 BC (c9)
0142 . C. ----- Success Verify ? OK / NG ____
0143 C.
0144 C.
0145 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0146 C.
0147 +. DC 07-F0 MDP_XRT_MODE_OBSV
0148 BC (c2)
0149 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0150 BC (c0)
0151 +. TI 2008-09-27 11:00:02.0
0152 DC 07-F0 MDP_XRT_MODE_OBSV
0153 BC (c2)
0154 +. TI 2008-09-27 11:00:04.0
0155 DC 07-F0 MDP_XRT_CTRL_AUTO
0156 BC (c0)
0157 . C. ----- Success Verify ? OK / NG ____
0158 C.
0159 C. ***** XRT END *****
0160 . C. *****
0161 C. SOT table upload
0162 C. *****
0163 . C. < Stop FG table >
0164 +. DC 07-F0 MDP_FG_CTRL_MANU
0165 BC (51)
0166 . C. -----
0167 C. MDP_FG_CTRL_MODE = MANU [ ]
0168 C. -----
0169 C.
0170 . C. <Upload FG Observation Table>
0171 . S. RAM ram-269:MDP_OBS_F
0172 ( )
0173 C.
0174 . C. < Dump RAMID=MDP_OBS_F >
0175 +. DC 07-F0 MDP_DUMP_FGTBL
0176 BC (82 07 00 00 00 38 b8)
0177 C. -----
0178 C. MDP_OBS_F verify = OK/NG [ ]
0179 C. -----
0180 C.
0181 C. *****
0182 C. SOT TI command set
0183 C. *****
0184 C. Execute, after the success of TBL upload.
0185 +. TI 2008-09-27 11:00:18.0
0186 DC 07-F0 MDP_SOT_MODE_OBSV
0187 BC (40)
0188 . C. -----
0189 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0190 C. -----
0191 C.
0192 C.
0193 . C. ***** MDP 'ûÃîï»ô¼ŸðĒÂĐð¹ðĒDCBC•x²Ě *****

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0194 C. (%ã°iYÓYÁYÈYpYÉYáYçYèãÈ%¼ãã%Á»Ûã¹ãè)
0195 . S. DC-BC dcbc-402:DCBC
0196 (MDP_known_event)
0197 C.
0198 C.
0199 . C. ***** YDY¹·ï Daily±¿ÍÑãÈ´Øã¹ãèDCBC·x²è *****
0200 . S. DC-BC dcbc-153:DCBC
0201 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0202 C.
0203 C.
0204 . C. ;ãLOS¥Á¥\$¥Á¥-¼Á»Û;ã
0205 C.
0206 . C. ***** LOS *****
0207 C.

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XRT_OGLIST_0160.chk

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*** OP Sequence for XRT ***

2008/09/27	11:10:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	11:10:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/09/27	11:11:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 b0 00 00 00
2008/09/27	11:11:16.0	XRT_QT_PROG_SET_407_OG [0x197]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2008/09/27	11:12:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/09/27	11:12:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/09/27	11:12:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/09/27	11:13:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	14:29:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	14:33:00.0	XRT_Custom_430_OG [0x1ae]			
2008/09/27	14:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	16:01:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	16:24:30.0	XRT_Custom_430_OG [0x1ae]			
2008/09/27	16:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	17:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	18:01:00.0	XRT_Custom_430_OG [0x1ae]			
2008/09/27	18:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	18:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	18:19:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/09/27	18:20:00.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2008/09/27	18:20:16.0	XRT_QT_PROG_SET_409_OG [0x199]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2008/09/27	18:20:18.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/09/27	18:20:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/09/27	18:20:22.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/09/27	18:22:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	18:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	18:29:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/09/27	18:30:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 b0 00 00 00
2008/09/27	18:30:16.0	XRT_QT_PROG_SET_407_OG [0x197]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2008/09/27	18:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/09/27	18:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/09/27	18:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/09/27	18:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	19:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	19:38:00.5	XRT_Custom_430_OG [0x1ae]			
2008/09/27	19:39:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	20:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	21:15:30.0	XRT_Custom_430_OG [0x1ae]			
2008/09/27	21:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/27	22:29:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/27	22:51:00.0	XRT_Custom_430_OG [0x1ae]			
2008/09/27	22:52:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/28	00:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/28	00:17:00.5	XRT_Custom_430_OG [0x1ae]			
2008/09/28	00:18:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/28	01:33:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/28	01:49:30.0	XRT_Custom_430_OG [0x1ae]			
2008/09/28	01:50:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/28	03:05:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/28	03:26:30.0	XRT_Custom_430_OG [0x1ae]			

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2008/09/28	03:27:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	04:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	05:04:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/28	05:05:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	06:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	06:41:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/28	06:42:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	07:55:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	08:18:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/28	08:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	08:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	08:49:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/09/28	08:50:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/09/28	08:50:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2008/09/28	08:50:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/28	08:50:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/28	08:50:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/28	08:52:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	08:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	08:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/09/28	09:00:01.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 b0 00 00 00				
2008/09/28	09:00:16.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2008/09/28	09:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/28	09:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/28	09:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/28	09:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	09:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	09:54:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/28	09:55:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	15:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	15:13:30.0	XRT_Custom_430_OG [0x1ae]							
2008/09/28	15:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	16:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	17:01:00.0	XRT_Custom_430_OG [0x1ae]							
2008/09/28	17:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	17:50:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	17:50:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/09/28	17:50:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/09/28	17:50:46.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2008/09/28	17:50:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/28	17:50:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/28	17:50:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/28	17:52:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	18:00:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	18:00:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/09/28	18:00:30.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 b0 00 00 00				
2008/09/28	18:00:46.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2008/09/28	18:02:24.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/28	18:02:26.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/28	18:02:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							

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2008/09/28	18:02:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/28	18:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	18:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	18:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	19:51:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	20:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	20:15:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	21:29:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	21:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	21:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	23:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/28	23:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/28	23:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	00:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	00:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	00:52:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	02:07:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	02:26:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	02:27:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	03:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	04:03:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	04:04:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	05:13:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	05:41:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	05:42:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	06:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/09/29	06:00:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	AOCU_NM	5	02-76	00 00 00 00 00				
2008/09/29	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2008/09/29	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/29	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/29	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/29	06:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	09:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	AOCU_NM	5	02-76	00 bd 59 cc 73				
2008/09/29	09:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	10:00:16.0	XRT_QT_PROG_SET_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/09/29	10:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2008/09/29	10:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/09/29	10:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/09/29	10:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/09/29	10:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	10:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	10:29:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	15:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	15:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	15:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	15:56:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	16:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	16:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/09/29	16:11:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/09/29	17:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2008/09/29	17:54:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FOCUS_POSITION		4	07-F8	22 ff aa 00
2008/09/29	17:55:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2008/09/29	17:55:16.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2008/09/29	17:55:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/09/29	17:55:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/09/29	17:55:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/09/29	17:57:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/29	18:05:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2008/09/30	06:27:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/30	06:27:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/09/30	06:27:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2008/09/30	06:27:46.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/09/30	06:27:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/09/30	06:27:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/09/30	06:27:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/09/30	06:29:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/09/30	06:37:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2008/09/30	11:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/09/30	11:25:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00