

XRT Timeline to be uploaded on 2008/07/19

Period: 2008/07/19 09:29:00 - 2008/07/24 09:19:00

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Normal mode

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XOB #1597: Coronal cavity (Al/poly-12s, Ti/poly-16s, Thin Be-64s)-DPCM 2x2-768X768-FOV offset													
Term	Pointing (x, y)		Comment										
07/19 10:15:56 - 07/19 17:43:24	Fixed (700.0, -640.0)		# OP start + 10min, coronal cavity/prominece observations.										
07/19 18:41:26 - 07/19 22:51:00	Fixed (700.0, -640.0)		# Cont.										
07/20 10:53:26 - 07/20 17:54:54	Fixed (700.0, -640.0)		# Cont.										
07/20 18:07:20 - 07/21 00:44:30	Fixed (700.0, -640.0)		# Cont.										
07/21 10:02:26 - 07/21 17:32:00	Fixed (700.0, -640.0)		# Cont.										
07/21 18:27:20 - 07/22 06:00:24	Fixed (700.0, -640.0)		# Cont.										
PROG= 13 Inf.-time(s)													
└─ Subr= 1 1-time(s) 480.0sec													
└─ Seqn= 57 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	11.3s	Obs	2x2	768x768 (1152, 904)	DPCM	0	0	2.0sec
└─ Seqn= 4 1-time(s) 2.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16.0s	Obs	2x2	768x768 (1152, 904)	DPCM	0	0	2.0sec
└─ Seqn= 26 1-time(s) 2.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	64.0s	Obs	2x2	768x768 (1152, 904)	DPCM	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1596: Synoptic Q90 2x2 - Al/poly(362/5795) + Dark cal(512 Q98) + Ti-poly(512/8192) + G-band(16)-2													
Term	Pointing (x, y)		Comment										
07/19 17:45:30 - 07/19 17:53:24	Fixed (0.0, 0.0)		synoptic, shifted -16.5 min										
07/20 17:57:00 - 07/20 18:04:54	Fixed (0.0, 0.0)		synoptic, shifted -5.0 min										
07/21 18:17:00 - 07/21 18:24:54	Fixed (0.0, 0.0)		synoptic, shifted 15.0 min										
PROG= 08 1-time(s)													
└─ Subr= 1 1-time(s) 54.0sec													
└─ Seqn= 65 1-time(s) 12.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
└─ Seqn= 25 1-time(s) 7.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Dark	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 81 1-time(s) 20.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
└─ Seqn= 46 1-time(s) 5.0sec													
	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 #158C: Synoptic Q90 2x2 - Al/mesh(256/4096) + Dark cal(512 Q98) + Ti-poly(512/8192) + G-band(16)													
Term	Pointing (x, y)		Comment										
07/20 06:02:00 - 07/20 06:09:54	Fixed (0.0, 0.0)		synoptic										
07/21 05:26:30 - 07/21 05:34:24	Fixed (0.0, 0.0)		synoptic, shifted -35.5 min										
07/22 06:02:30 - 07/22 06:10:24	Fixed (0.0, 0.0)		synoptic, shifted 0.5 min										
PROG= 04 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 80 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=90	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= 81 1-time(s) 4.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
└─ Seqn= 46 1-time(s) 2.0sec													
	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	

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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

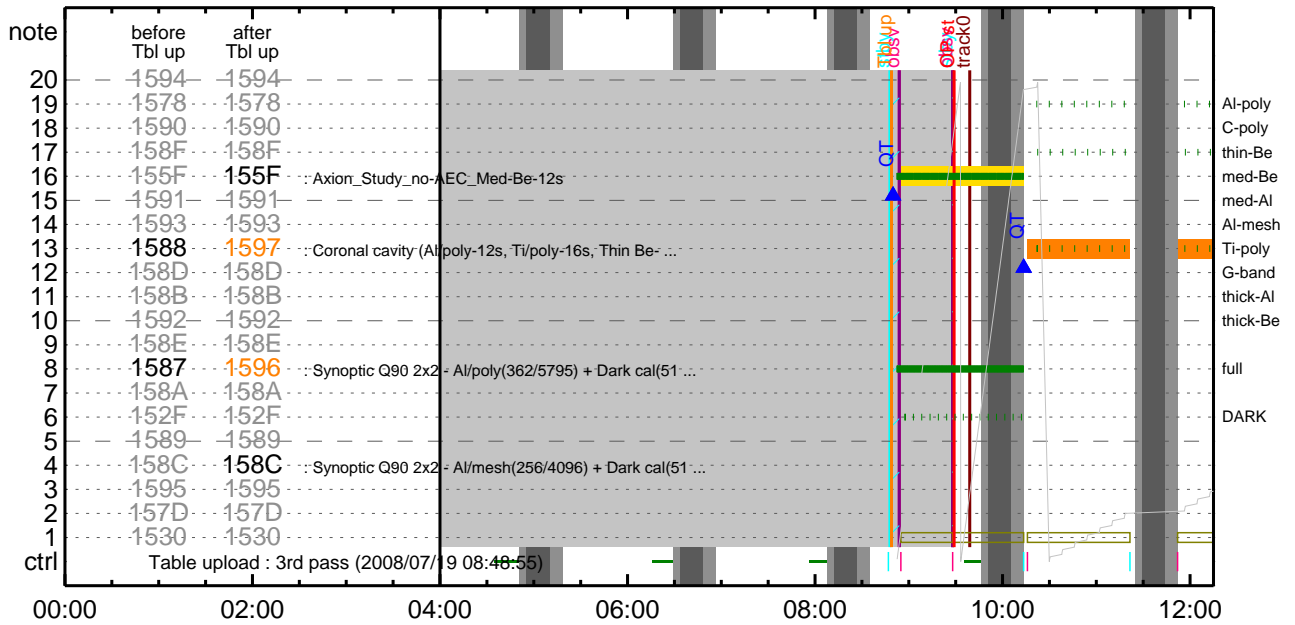
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Flare Detection

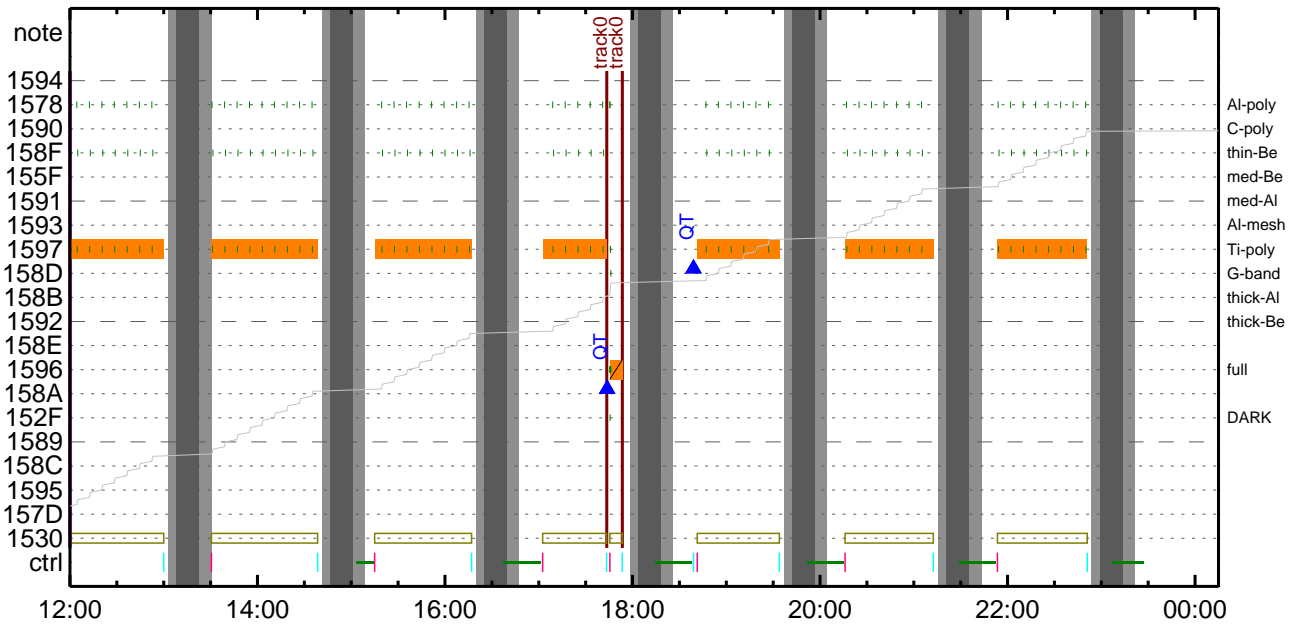
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NOT USED

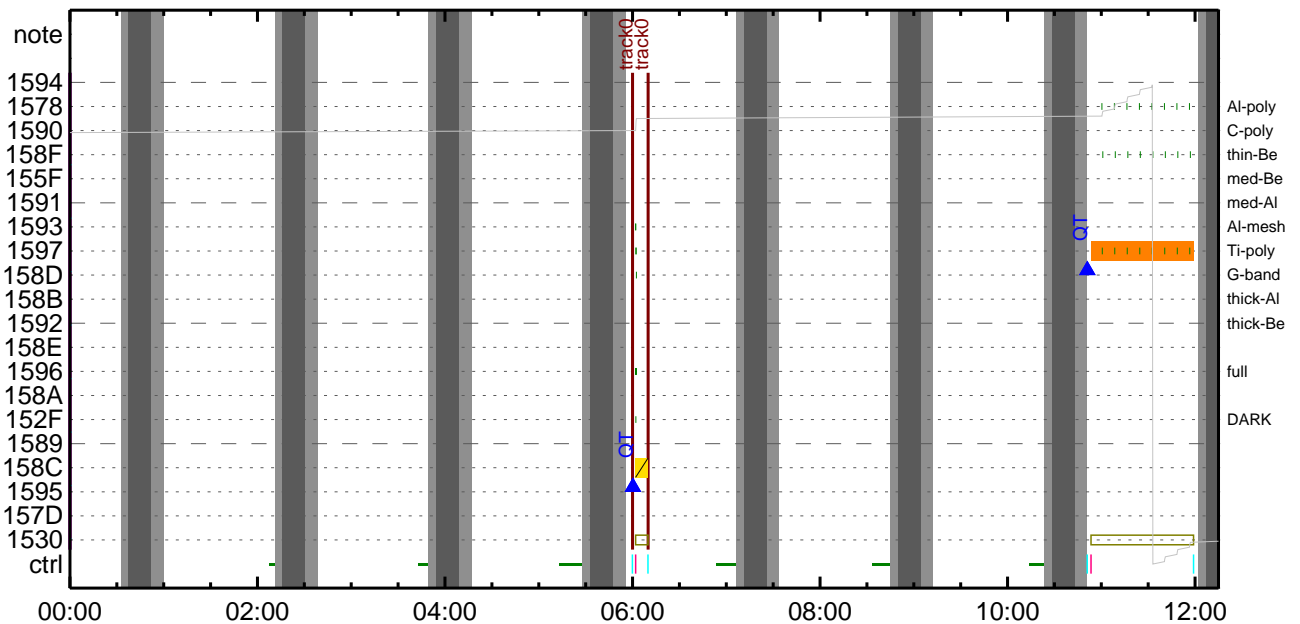
CMDI #0040 2008/07/19



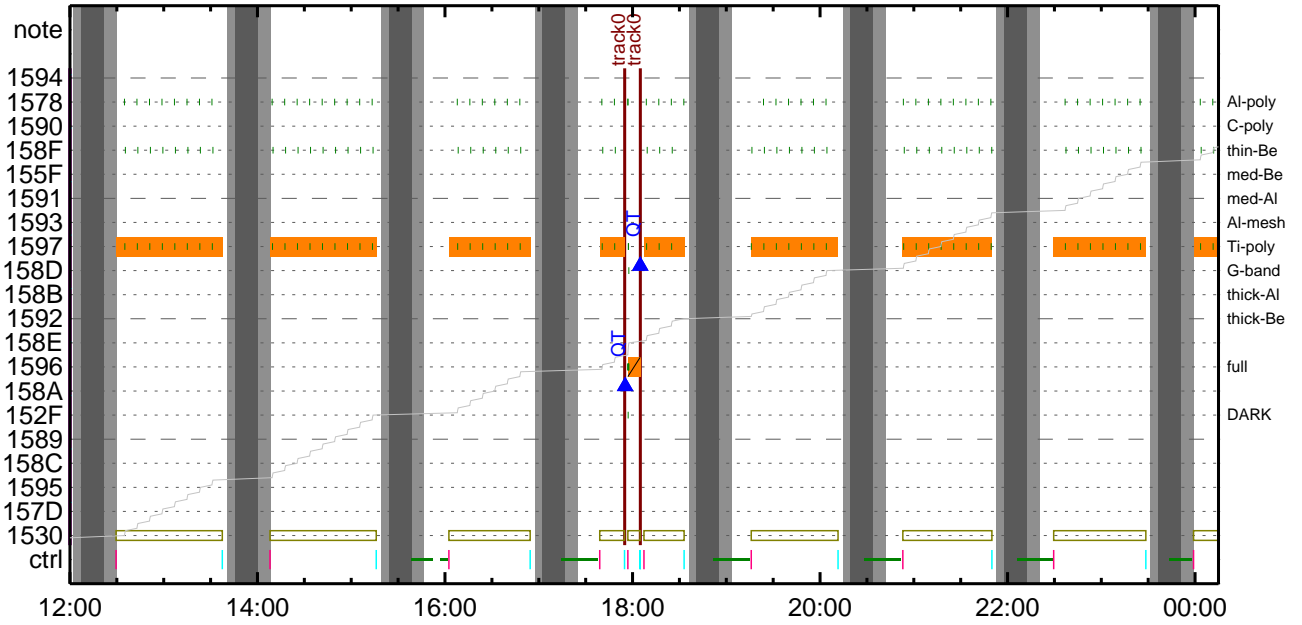
CMDI #0040 2008/07/19



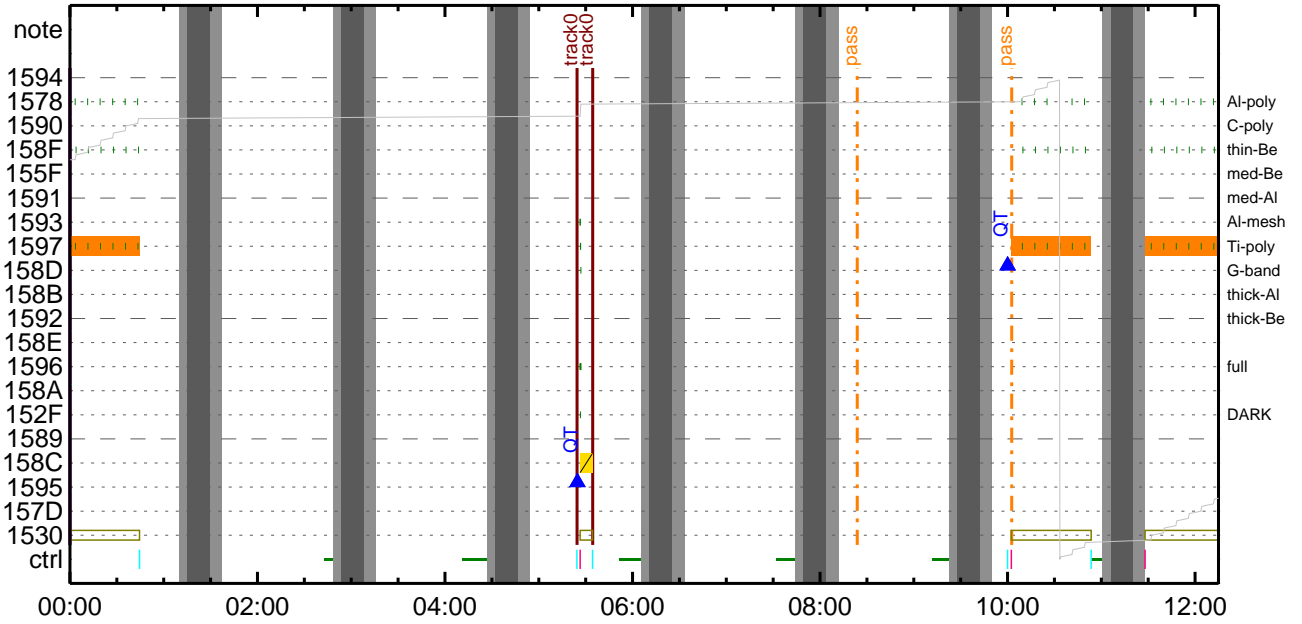
CMDI #0040 2008/07/20



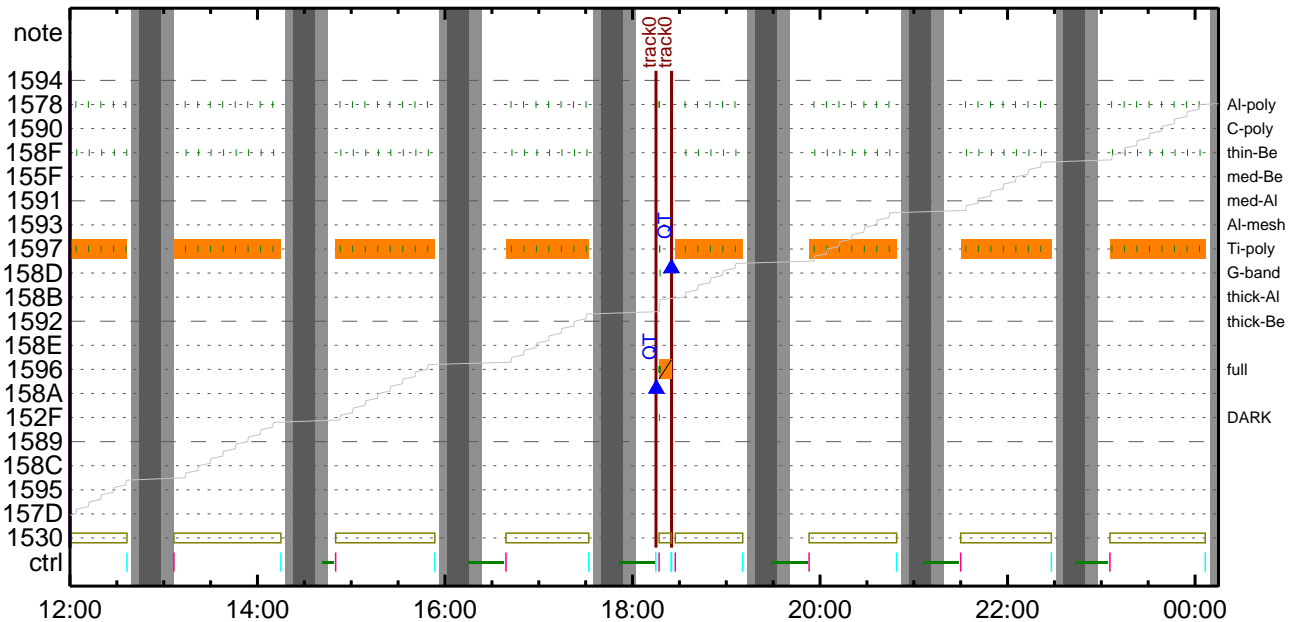
CMDI #0040 2008/07/20



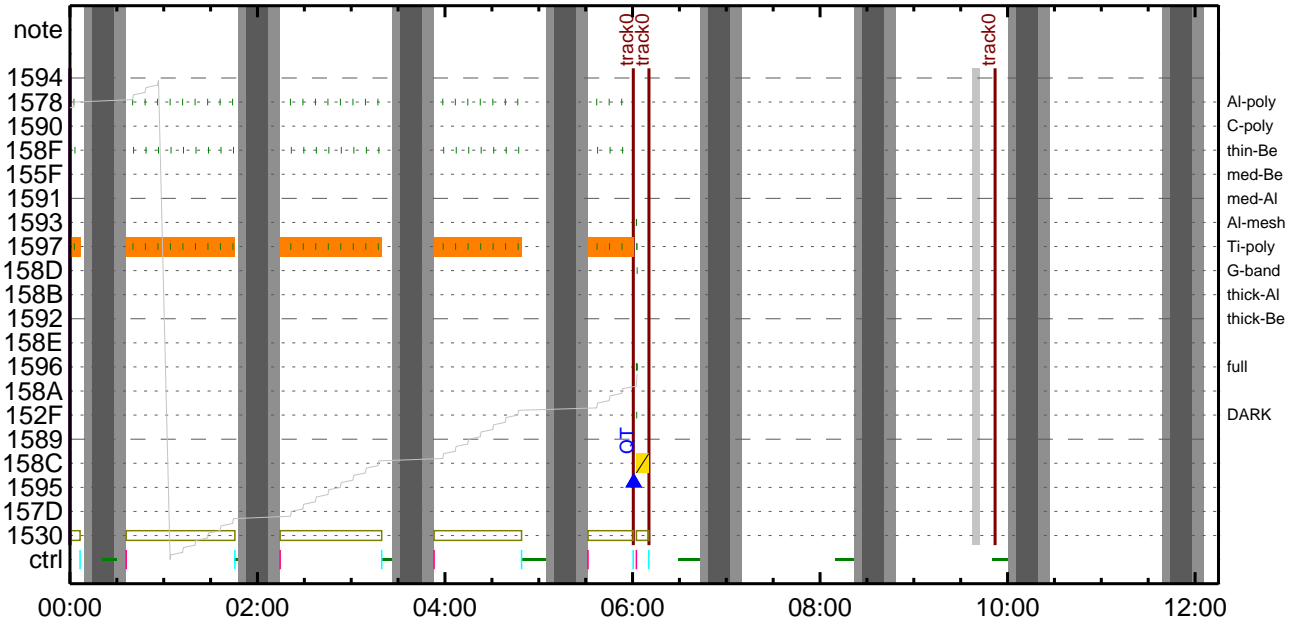
CMDI #0040 2008/07/21



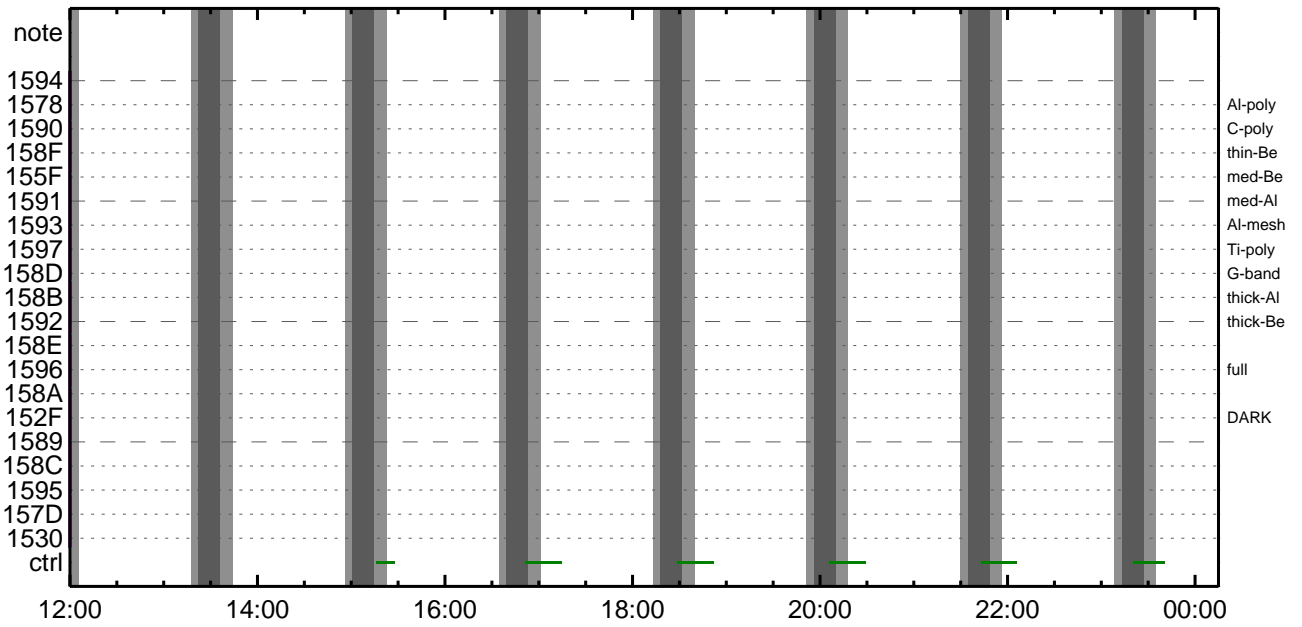
CMDI #0040 2008/07/21



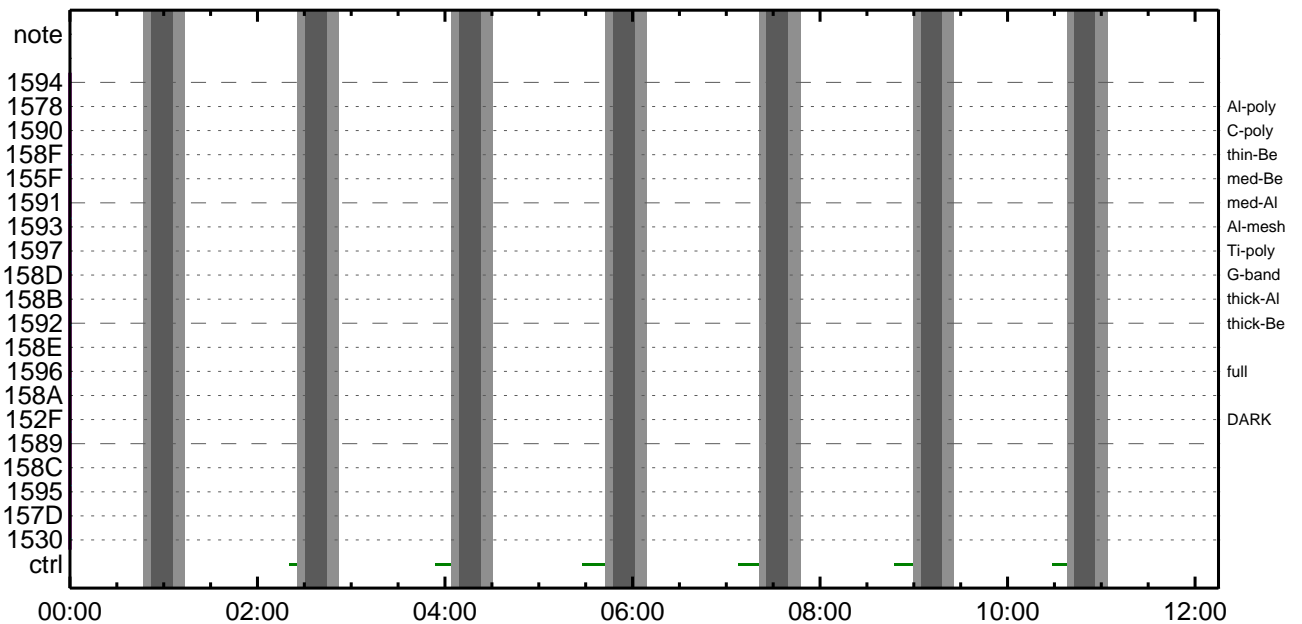
CMDI #0040 2008/07/22



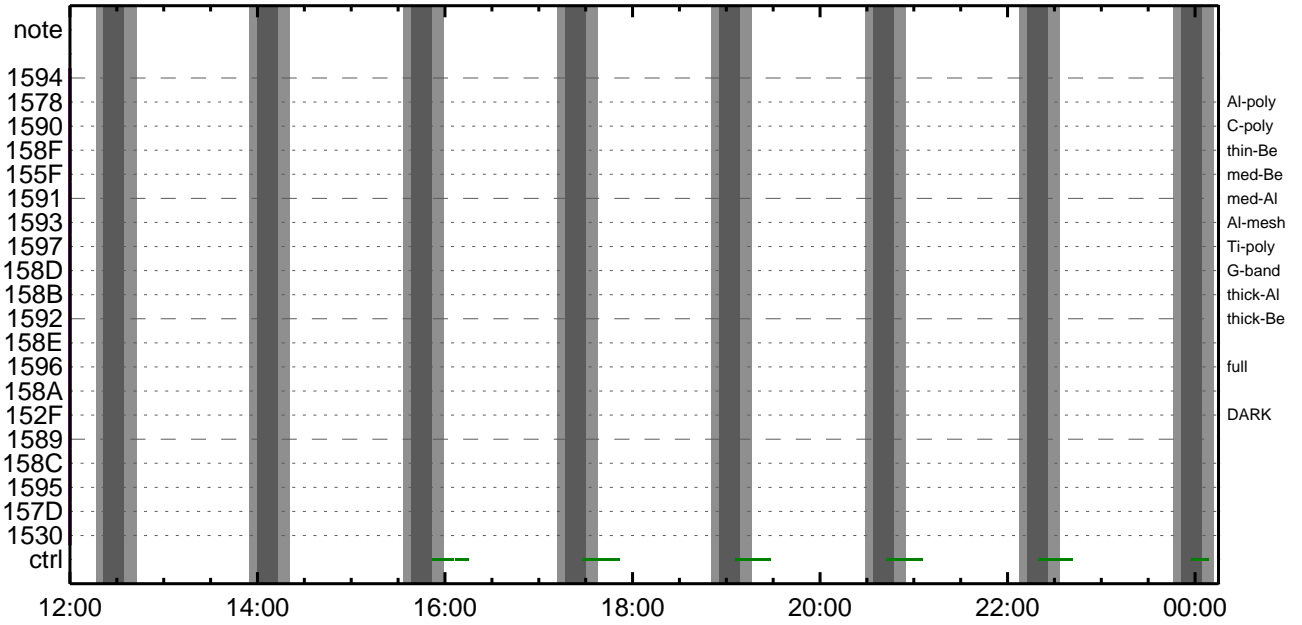
CMDI #0040 2008/07/22



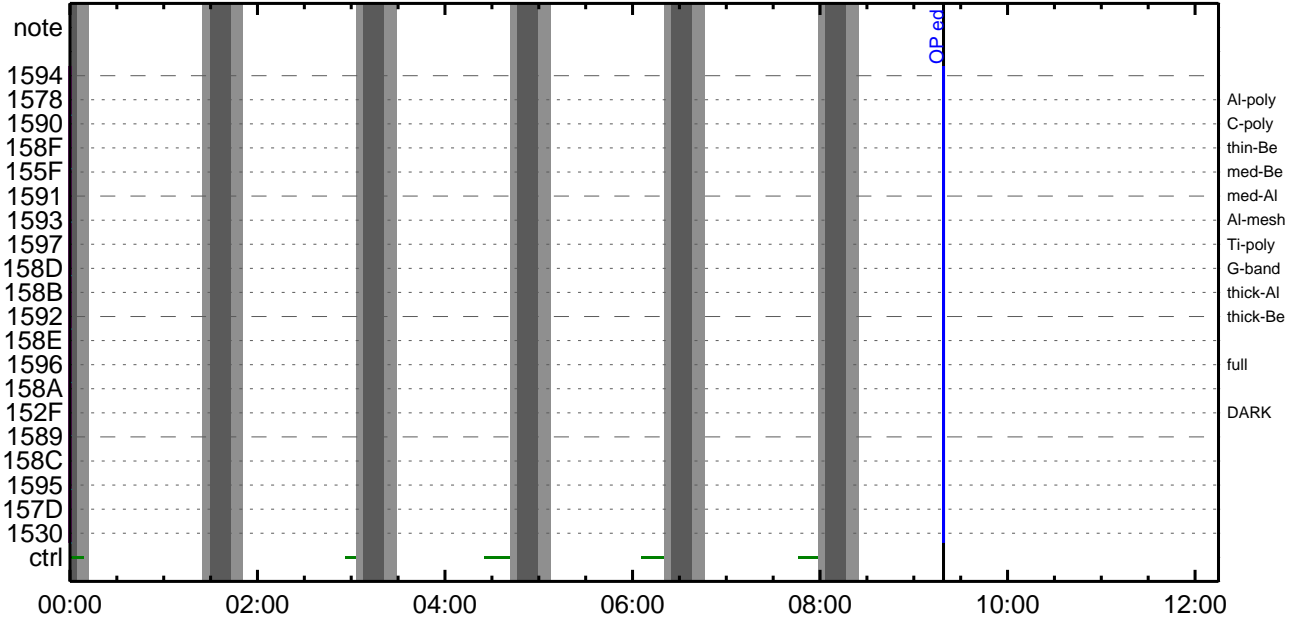
CMDI #0040 2008/07/23



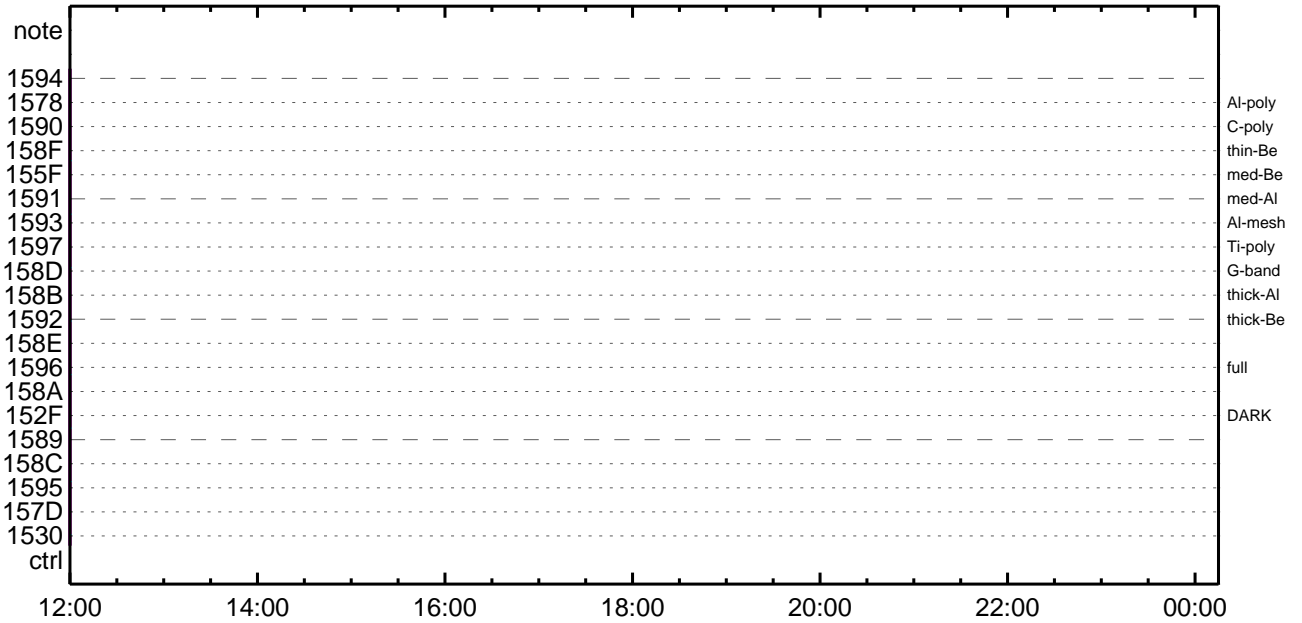
CMDI #0040 2008/07/23



CMDI #0040 2008/07/24



CMDI #0040 2008/07/24




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0096 C.                ρβϑϰ; ϕSETαÈDUMPrαİÆ±°iYÑY¹αÇ¹Ôα|α³αÈ; f
0097 C.
0098 . C. TIY³YβYóYÉρδÀDİϰ(UT)
0099 +. TI 2008-07-19 09:24:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                ϕϕ[HK1_TI_CMD_NUM]                    EQ      1COUNTUP
0102 C.
0103 +. TI 2008-07-19 09:24:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                ϕϕ[HK1_TI_CMD_NUM]                    EQ      1COUNTUP
0106 C.
0107 +. TI 2008-07-19 09:24:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                ϕϕ[HK1_TI_CMD_NUM]                    EQ      1COUNTUP
0110 C.
0111 +. TI 2008-07-19 09:28:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                ϕϕ[HK1_TI_CMD_NUM]                    EQ      1COUNTUP
0114 C.
0115 C.                °È²%αİÄê%íÍÑαİYÁY§YÁY-¹àìÛ
0116 C.                ϕϕ[HK1_TI_CMD_ENA/DIS]                EQ      ENA
0117 C.                ϕϕ[HK1_TI_CMD_NUM]                   EQ      4
0118 C.                ϕϕ[HK1_NEXT_EXEC_PIM]                 EQ      DHU
0119 C.                ϕϕ[HK1_NEXT_EXEC_DC]                  EQ      0xB3
0120 C.
0121 . C. *****
0122 C. TIİİî°èYÁYóY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC      (03 ab 03 01 02)
0128 C.                ϕϕ[HK1_DMP_TOP_ADRS_1]                EQ      07
0129 C.                ϕϕ[HK1_DMP_TOP_ADRS_0]                EQ      2B
0130 C.                ϕϕ[HK1_DMP_BLOCK_NUM]                 EQ      3
0131 C.                ϕϕ[HK1_DMP_REPEAT_NUM]                EQ      0
0132 C.                ϕϕ[HK1_DMA_DMP_PIM]                   EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC      (07 0b f8)
0135 C.                ϕϕ[HK1_PKT_FORM_NO]                   EQ      7
0136 C.                ϕϕ[HK1_PKT_GEN_TIME]                   EQ      0.25 s
0137 C.                ϕϕ[HK1_S_TLM_BIT_RATE]                 EQ      32k
0138 C.                ϕϕ[HK1_X_TLM_BIT_RATE]                 EQ      4M
0139 C.                ϕϕ[HK1_DMP_CHK_FLG]                   EQ      EXEC
0140 C.
0141 . C. YÁYóY×½ªİ»ρδ³İÇ§
0142 C.                ϕϕ[HK1_DMP_CHK_FLG]                   EQ      NON
0143 C.
0144 . C. RAM ID=TI_TBLαİ%È¹ϕ•ê²İOKαδ³İÇ§
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y½;Yì;¼YÈ;Èρδİáα¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC      (02 0a f8)
0149 C.                ϕϕ[HK1_PKT_FORM_NO]                   EQ      2
0150 C.                ϕϕ[HK1_PKT_GEN_TIME]                   EQ      0.5S
0151 C.                ϕϕ[HK1_S_TLM_BIT_RATE]                 EQ      32K
0152 C.                ϕϕ[HK1_X_TLM_BIT_RATE]                 EQ      4M
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2008-07-19 09:28:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC      (41)
0161 . C. -----
0162 C. HK1_TI_CMD_NUM           = 1 CNTUP [ ]
0163 C. -----
0164 C. ***** SOT END *****
0165 . C. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2008-07-19 09:28:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC      (21 02)
0174 +. TI 2008-07-19 09:28:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC      (22)
0177 . C.                [ ] [HK1_TI_CMD_NUM]                EQ      2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2008-07-19 09:28:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC      (c3)
0187 . C.                [ ] [HK1_TI_CMD_NUM]                EQ      1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 . C. ***** MDP `úÃİαİ»ö¼YρÈÄDα¹αèDCBC•×²è *****
0192 C. (%â°İYóYÁYÉYβYÉYáYϕYéαÈ%¼α¼Ä»Ûα¹αé)
0193 . S. DC-BC dcbc-402:DCBC
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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;ã
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 20 20)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 90 71 0c 0c)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 0f 80 80 06 06)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 10 80 80 04 04)
0132 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0133 BC (c4 10)
0134 + DC 07-F0 MDP_XRT_FLD_DIS
0135 BC (d9)
0136 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0137 BC (c9)
0138 + DC 07-F0 MDP_XRT_ARS_DIS
0139 BC (d5)
0140 . C. ----- Success Verify ? OK / NG _____
0141 C.
0142 C.
0143 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0144 C.
0145 +. DC 07-F0 MDP_XRT_MODE_OBSV
0146 BC (c2)
0147 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0148 BC (c0)
0149 +. TI 2008-07-19 09:28:02.0
0150 DC 07-F0 MDP_XRT_MODE_OBSV
0151 BC (c2)
0152 +. TI 2008-07-19 09:28:04.0
0153 DC 07-F0 MDP_XRT_CTRL_AUTO
0154 BC (c0)
0155 . C. ----- Success Verify ? OK / NG _____
0156 C.
0157 C. ***** XRT END *****
0158 . C. *****
0159 C. SOT table upload
0160 C. *****
0161 . C. < Stop FG table >
0162 +. DC 07-F0 MDP_FG_CTRL_MANU
0163 BC (51)
0164 . C. -----
0165 C. MDP_FG_CTRL_MODE = MANU [ ]
0166 C. -----
0167 C.
0168 . C. <Upload FG Observation Table>
0169 . S. RAM ram-268:MDP_OBS_F
0170 ( )
0171 C.
0172 . C. < Dump RAMID=MDP_OBS_F >
0173 +. DC 07-F0 MDP_DUMP_FGTBL
0174 BC (82 07 00 00 00 38 b8)
0175 C. -----
0176 C. MDP_OBS_F verify = OK/NG [ ]
0177 C. -----
0178 C.
0179 C. *****
0180 C. SOT TI command set
0181 C. *****
0182 C. Execute, after the success of TBL upload.
0183 +. TI 2008-07-19 09:28:18.0
0184 DC 07-F0 MDP_SOT_MODE_OBSV
0185 BC (40)
0186 . C. -----
0187 C. HKI_TI_CMD_NUM = 1 CNTUP [ ]
0188 C. -----
0189 C.
0190 C.
0191 . C. ***** MDP `uãîñî»ö%ÿoÊÄð¹ñèDCBC•x²è *****
0192 C. (%ã°îÿÖÿÄÿËÿÏÿËÿáÿçÿèñÈ%¼ññ4Á»Û¹ñé)
0193 . S. DC-BC dcbc-402:DCBC

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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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
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Jul 19, 08 11:51

XRT_OGLIST_0040.chk

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*** OP Sequence for XRT ***

2008/07/19	09:39:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 38	e5 c1	cb		
2008/07/19	10:13:30.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	10:13:32.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2008/07/19	10:15:30.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00			
2008/07/19	10:15:50.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2008/07/19	10:15:52.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0		d9			
2008/07/19	10:15:54.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2008/07/19	10:15:56.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	11:21:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	11:44:00.0	XRT_Custom_421_OG [0x1a5]							
2008/07/19	11:52:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	13:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	13:22:30.0	XRT_Custom_421_OG [0x1a5]							
2008/07/19	13:30:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	14:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	15:14:00.0	XRT_Custom_430_OG [0x1ae]							
2008/07/19	15:15:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	16:17:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	17:01:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/19	17:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	17:43:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	17:43:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00			
2008/07/19	17:43:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00	00 00	00 00		
2008/07/19	17:43:46.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2008/07/19	17:43:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0		d9			
2008/07/19	17:43:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2008/07/19	17:43:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2008/07/19	17:45:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	17:53:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	17:53:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 38	e5 c1	cb		
2008/07/19	18:39:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	18:39:02.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2008/07/19	18:41:00.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00			
2008/07/19	18:41:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2008/07/19	18:41:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0		d9			
2008/07/19	18:41:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2008/07/19	18:41:26.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	19:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	20:15:00.0	XRT_Custom_430_OG [0x1ae]							
2008/07/19	20:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	21:12:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/19	21:52:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/19	21:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2008/07/19	22:51:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/20	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2008/07/20	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00			
2008/07/20	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00	00 00	00 00		
2008/07/20	06:00:16.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2008/07/20	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]							

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2008/07/20	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9			
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/07/20	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/07/20	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	06:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 38 e5 c1 cb			
2008/07/20	10:51:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	10:51:02.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2008/07/20	10:53:00.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2008/07/20	10:53:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/07/20	10:53:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/07/20	10:53:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/07/20	10:53:26.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	11:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	12:21:30.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	12:29:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	13:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	14:00:00.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	14:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	15:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	16:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	16:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	16:54:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	17:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	17:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	17:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	17:54:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/07/20	17:55:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2008/07/20	17:55:16.0	XRT_QT_PROG_SET_412_OG [0x19c]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2008/07/20	17:55:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/07/20	17:55:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/07/20	17:55:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/07/20	17:57:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	18:04:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	18:04:54.5	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	18:04:56.5	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2008/07/20	18:05:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 38 e5 c1 cb			
2008/07/20	18:06:54.5	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2008/07/20	18:07:14.5	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/07/20	18:07:16.5	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/07/20	18:07:18.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/07/20	18:07:20.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	18:33:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	19:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	19:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	20:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	20:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	20:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	21:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/20	22:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/20	22:29:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			

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2008/07/20	23:28:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/20	23:58:00.0	XRT_Custom_430_OG [0x1ae]								
2008/07/20	23:59:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	00:44:30.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	05:24:24.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	05:24:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/07/21	05:24:30.0	AOCS_Ore-point_Start_2_OG [0x098]								
			AOCU_NM	5	02-76	00	00	00	00	00
2008/07/21	05:24:46.0	XRT_QT_PROG_SET_446_OG [0x1be]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2008/07/21	05:24:48.0	XRT_FLD_DIS_419_OG [0x1a3]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/21	05:24:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/21	05:24:52.0	XRT_ARS_DIS_427_OG [0x1ab]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/21	05:26:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	05:34:24.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	05:34:30.0	AOCS_Ore-point_Start_1_OG [0x097]								
			AOCU_NM	5	02-76	00	38	e5	c1	cb
2008/07/21	10:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	10:00:02.0	XRT_QT_PROG_SET_436_OG [0x1b4]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2008/07/21	10:02:00.0	XRT_FOCUS_POSITION_441_OG [0x1b9]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/07/21	10:02:20.0	XRT_ARS_DIS_422_OG [0x1a6]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/21	10:02:22.0	XRT_FLD_DIS_445_OG [0x1bd]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/21	10:02:24.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/21	10:02:26.0	XRT_CTRL_AUTO_403_OG [0x193]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	10:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	11:20:00.0	XRT_Custom_421_OG [0x1a5]								
2008/07/21	11:28:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	12:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	12:58:30.0	XRT_Custom_421_OG [0x1a5]								
2008/07/21	13:06:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	14:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	14:49:00.0	XRT_Custom_430_OG [0x1ae]								
2008/07/21	14:50:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	15:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	16:38:00.0	XRT_Custom_430_OG [0x1ae]								
2008/07/21	16:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	17:32:00.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	18:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	18:14:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/07/21	18:15:00.0	AOCS_Ore-point_Start_2_OG [0x098]								
			AOCU_NM	5	02-76	00	00	00	00	00
2008/07/21	18:15:16.0	XRT_QT_PROG_SET_412_OG [0x19c]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2008/07/21	18:15:18.0	XRT_FLD_DIS_419_OG [0x1a3]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/21	18:15:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/21	18:15:22.0	XRT_ARS_DIS_427_OG [0x1ab]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/21	18:17:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/21	18:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	18:24:54.5	XRT_CTRL_MANU_428_OG [0x1ac]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/21	18:24:56.5	XRT_QT_PROG_SET_436_OG [0x1b4]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2008/07/21	18:25:00.0	AOCS_Ore-point_Start_1_OG [0x097]								
			AOCU_NM	5	02-76	00	38	e5	c1	cb
2008/07/21	18:26:54.5	XRT_FOCUS_POSITION_441_OG [0x1b9]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/07/21	18:27:14.5	XRT_ARS_DIS_422_OG [0x1a6]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/21	18:27:16.5	XRT_FLD_DIS_445_OG [0x1bd]								

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2008/07/21	18:27:18.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/07/21	18:27:20.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/07/21	19:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/21	19:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/21	19:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/21	20:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/21	21:29:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/21	21:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/21	22:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/21	23:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/21	23:05:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	00:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	00:28:00.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	00:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	01:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	02:06:30.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	02:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	03:19:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	03:45:00.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	03:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	04:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	05:23:30.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	05:31:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	06:00:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	06:00:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/07/22	06:00:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2008/07/22	06:00:46.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2008/07/22	06:00:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/07/22	06:00:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/07/22	06:00:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/07/22	06:02:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/07/22	06:10:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/07/22	06:10:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 38 e5 c1 cb		
2008/07/22	09:52:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		