

# XRT Timeline to be uploaded on 2008/07/17

Period: 2008/07/17 09:52:00 - 2008/07/22 09:42:00

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## Normal mode

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<b>XOB #1595: Polar Plume - Al/Mesh (24s), Al/Poly (46s), C/Poly (46s) - 512x512 -10min cadence-long exposure</b>												
Term	Pointing (x, y)		Comment									
07/17 10:39:56 - 07/17 17:59:54	Fixed (	0.0, 910.0)	# OP start + 10min, N pole polar plumes.									
07/17 18:12:20 - 07/18 06:22:24	Fixed (	0.0, 910.0)	# Cont.									
07/18 06:34:50 - 07/18 17:18:00	Fixed (	0.0, 910.0)	# Cont.									
07/18 18:13:50 - 07/19 05:47:54	Fixed (	0.0, 910.0)	# Cont.									
<b>PROG= 03 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 600.0sec												
└─ Seqn= 37 1-time(s) 140.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	22.6s	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	36.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	45.2s	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	52.0sec
C-poly/Open	thin-Be/Open	close	Safe	Norm	45.2s	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	52.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

<b>XOB #1590: Synoptic Q90 2x2 - Al/mesh(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)</b>												
Term	Pointing (x, y)		Comment									
07/17 18:02:00 - 07/17 18:09:54	Fixed (	0.0, 0.0)	synoptic									
07/18 06:24:30 - 07/18 06:32:24	Fixed (	0.0, 0.0)	synoptic, shifted 22.5 min									
07/18 18:03:30 - 07/18 18:11:24	Fixed (	0.0, 0.0)	synoptic, shifted 1.5 min									
07/19 05:50:00 - 07/19 05:57:54	Fixed (	0.0, 0.0)	synoptic, shifted -12.0 min, and XRT axion study.									
<b>PROG= 18 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 50 1-time(s) 4.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	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= 9 1-time(s) 4.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	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	

<b>XOB #157D: Thermal analysis 8x8 2048FOV Al/p-C/p-Al/p+Ti/p-Thin/Be-Med/Al-Thick/Al-Thick/Be-no compression</b>												
Term	Pointing (x, y)		Comment									
07/19 05:58:30 - 07/19 06:56:00	Fixed (	0.0, 0.0)	synoptic, shifted -12.0 min, and XRT axion study.									
07/19 09:06:30 - 07/22 09:42:00	Fixed (	0.0, 0.0)	synoptic, shifted -12.0 min, and XRT axion study.									
<b>PROG= 02 1-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 73 1-time(s) 4.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
C-poly/Open	C-poly/Open	close	Safe	Norm	250ms	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	4.00s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 3 3-time(s) 4.0sec												
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 70 5-time(s) 4.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	64.0s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

<b>XOB #155F: Axion_Study_no-AEC_Med-Be-12s</b>												
Term	Pointing (x, y)		Comment									
07/19 06:56:30 - 07/19 09:06:00	Fixed (	0.0, 0.0)	synoptic, shifted -12.0 min, and XRT axion study.									
<b>PROG= 16 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 12 25-time(s) 4.0sec												
med-Be/Open	med-Be/Open	close	Safe	Norm	11.3s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 52 1-time(s) 4.0sec												
med-Be/Open	med-Be/Open	close	Safe	Dark	11.3s	Obs	8x8	2048x2048 (1024, 1024)	DPCM	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

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## Active Region Search

\* \* \* \* \*

NOT USED

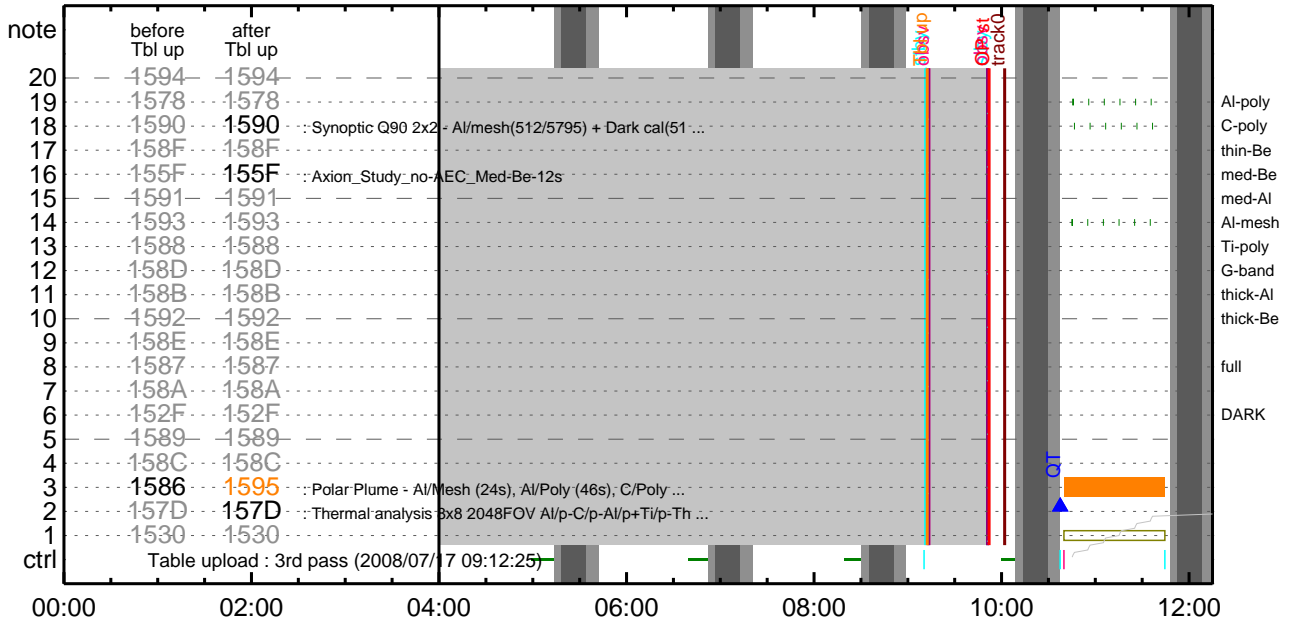
\* \* \* \* \*

**Flare Detection**

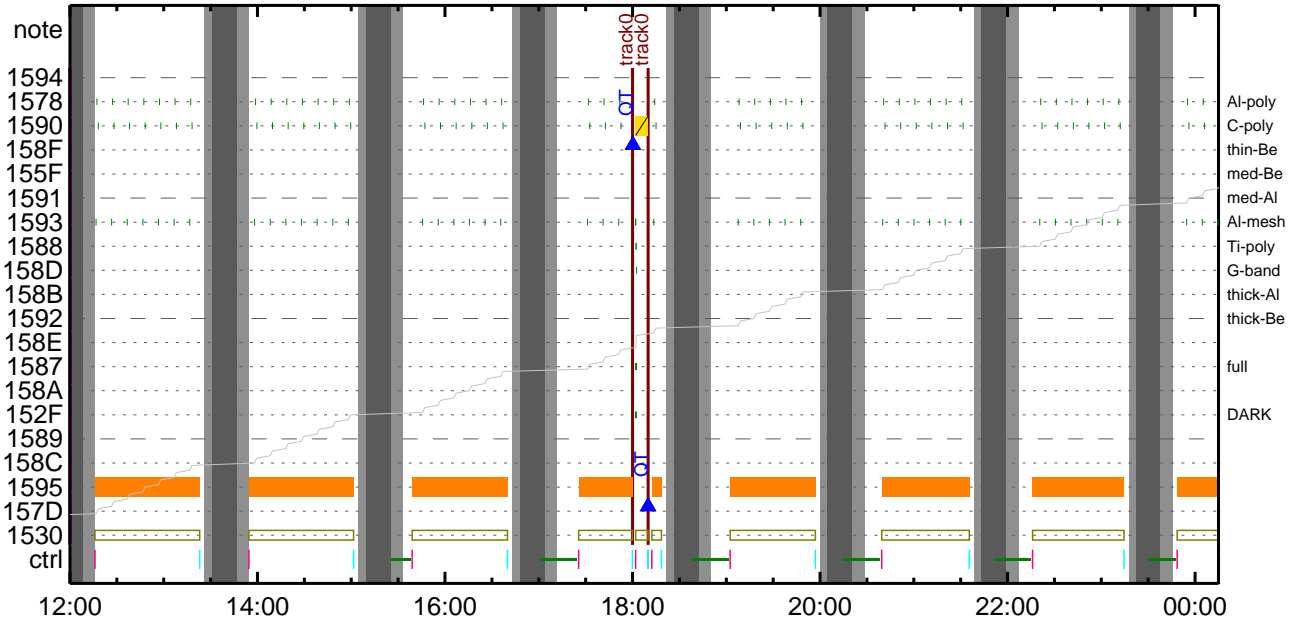
\* \* \* \* \*

NOT USED

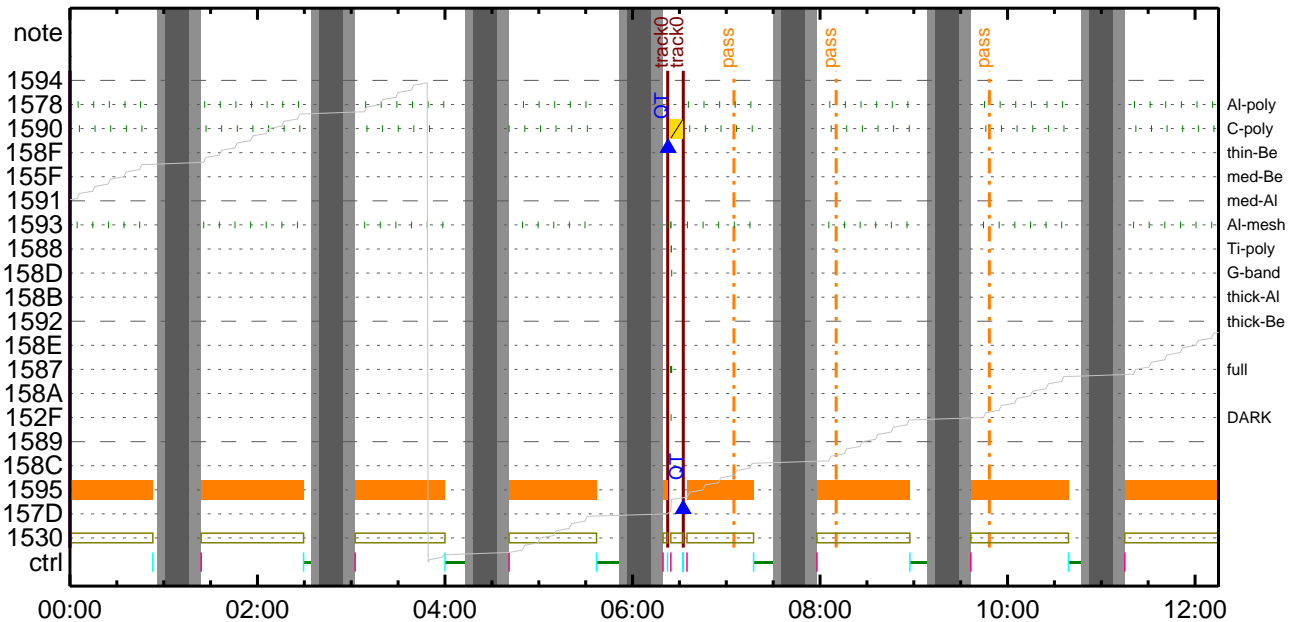
### CMDI #0036 2008/07/17



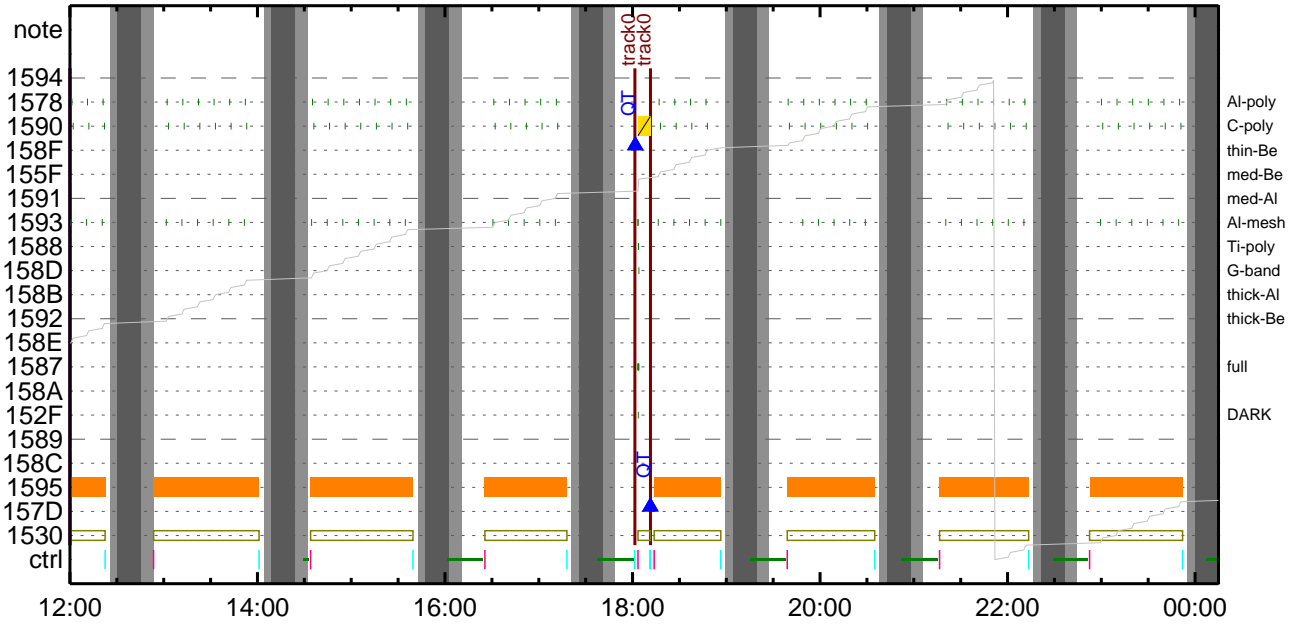
### CMDI #0036 2008/07/17



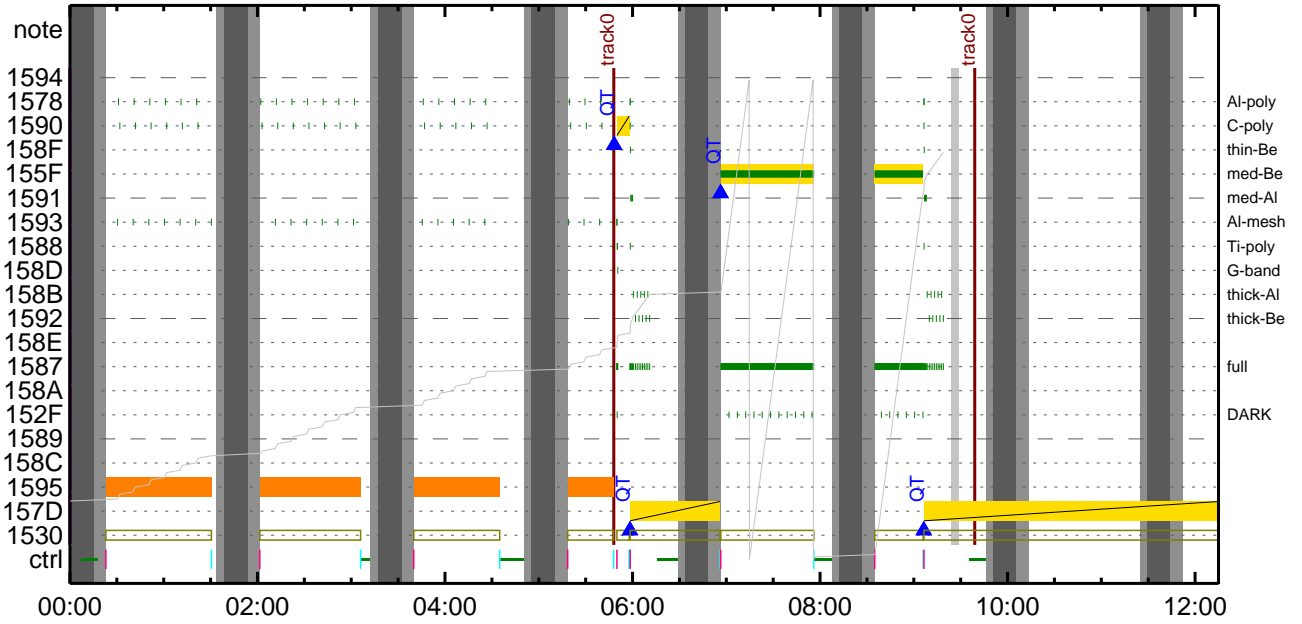
### CMDI #0036 2008/07/18



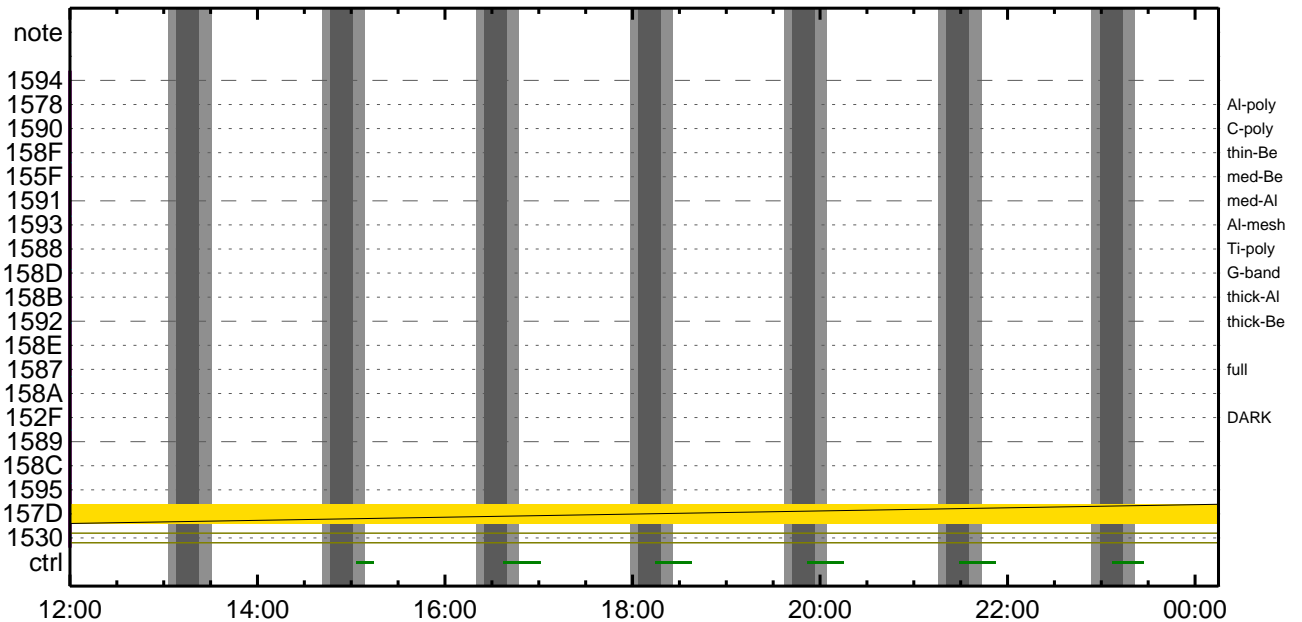
CMDI #0036 2008/07/18



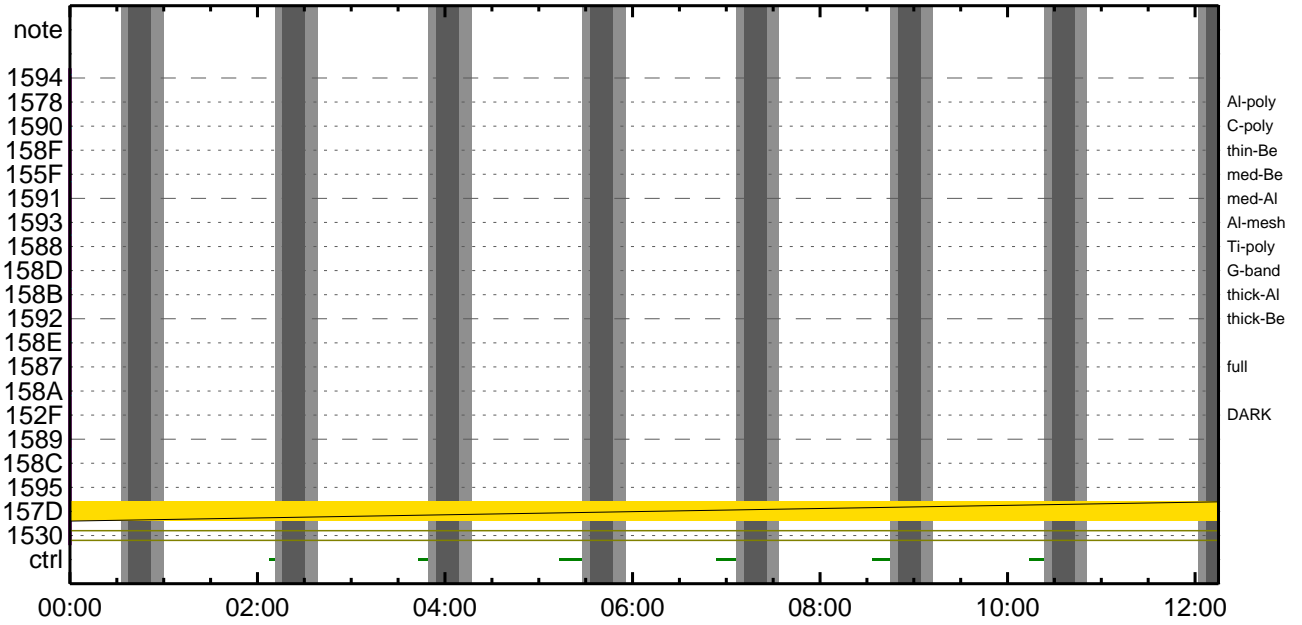
CMDI #0036 2008/07/19



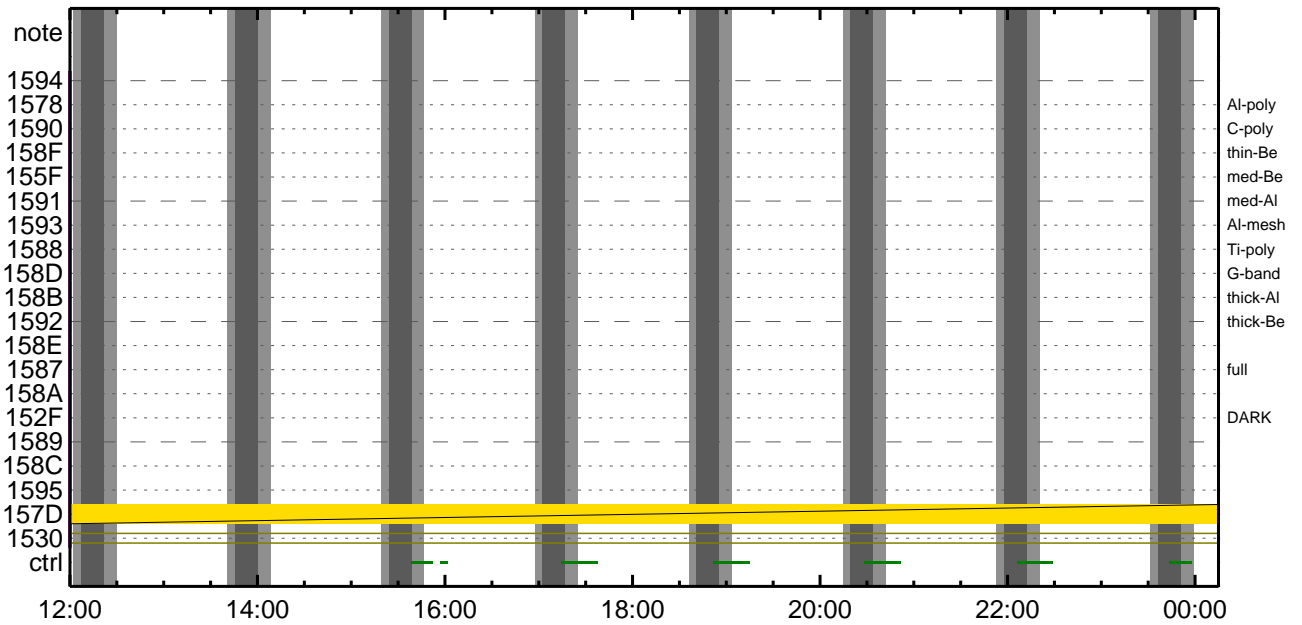
CMDI #0036 2008/07/19



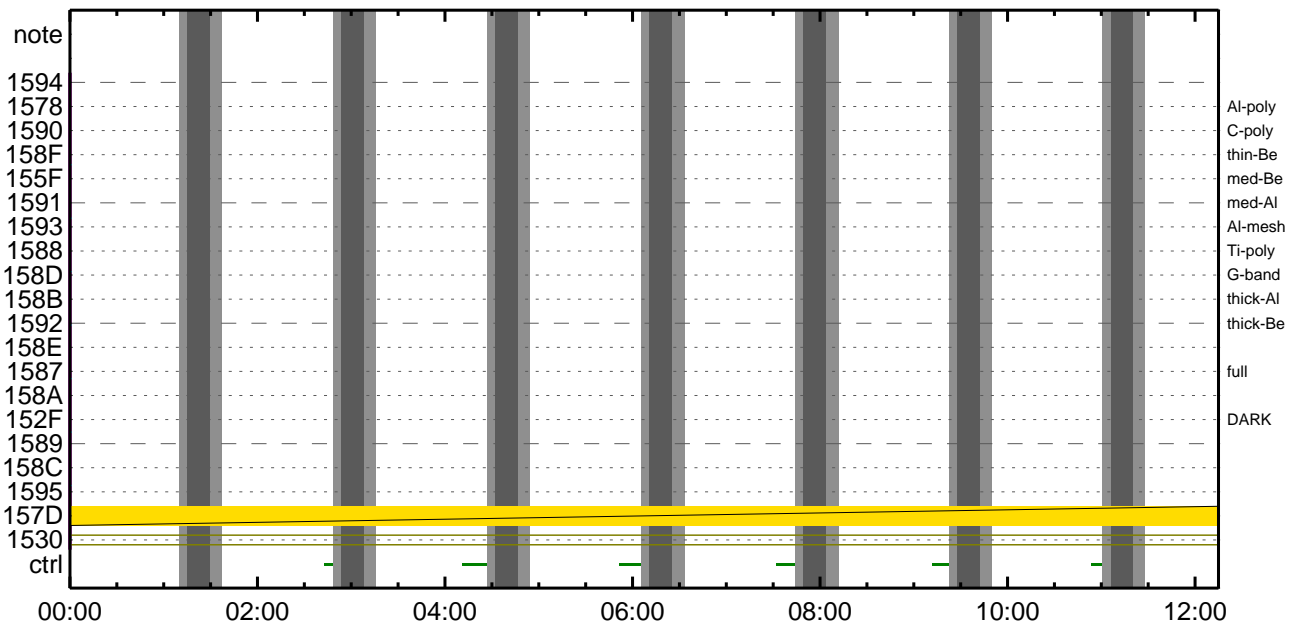
CMDI #0036 2008/07/20



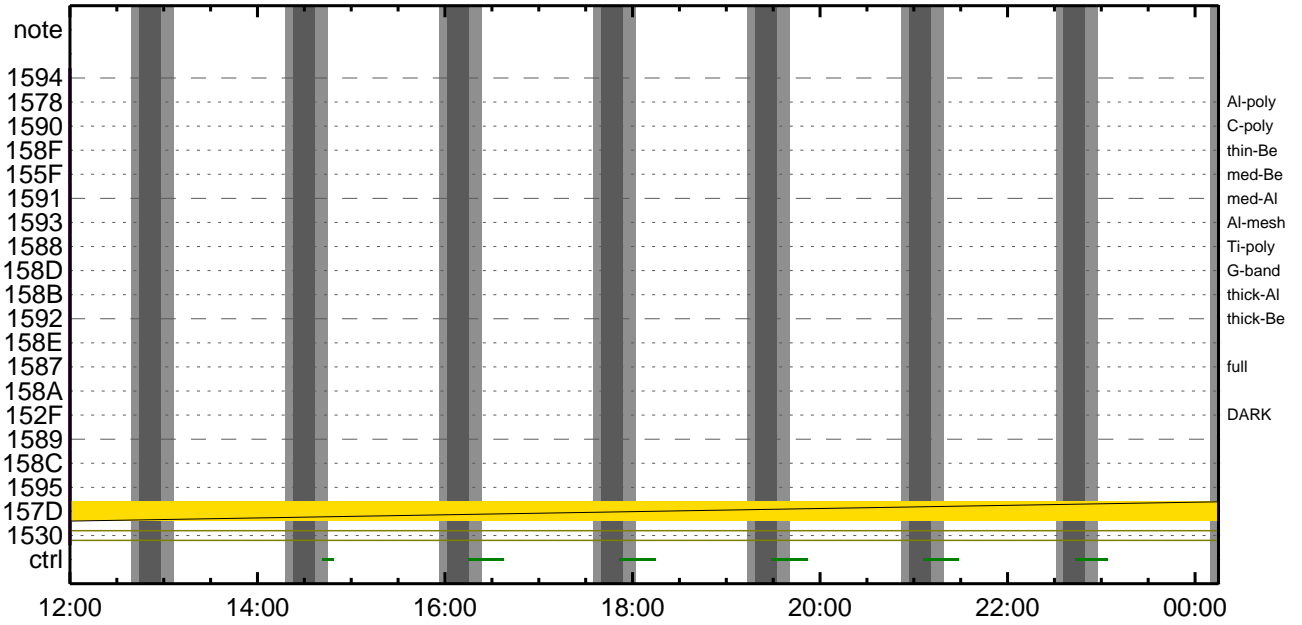
CMDI #0036 2008/07/20



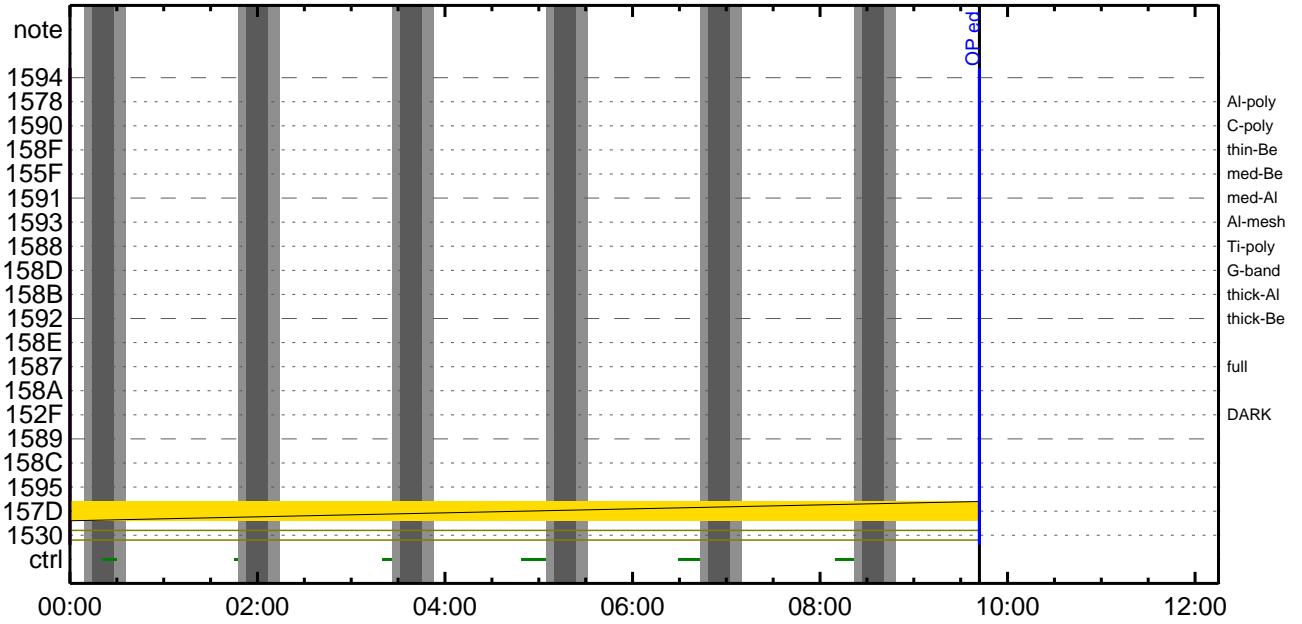
CMDI #0036 2008/07/21



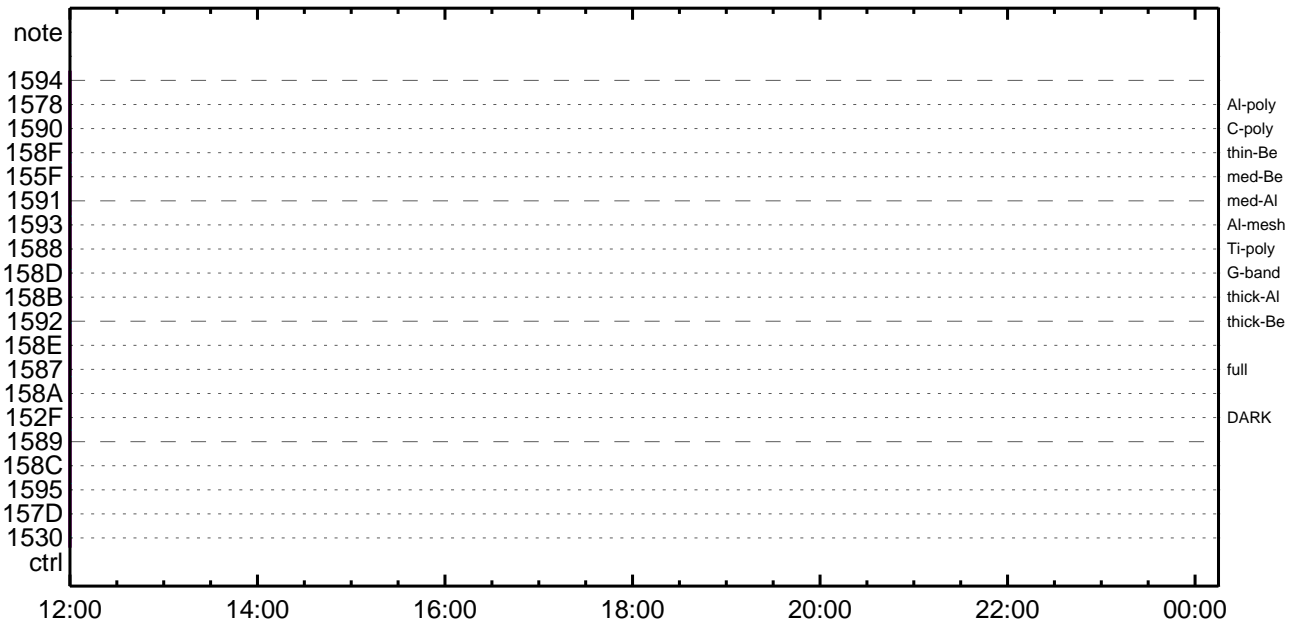
CMDI #0036 2008/07/21



CMDI #0036 2008/07/22



CMDI #0036 2008/07/22





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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;YÉ;YAYóYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;YÉ;ã
0103 S. OP op-993:OP
0104 ( )
0105 S. OG og-993:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYóYx;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. YAYóYx½ªî»ð³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼Ê¹ç•è²îOK²³îÇ§
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. YAYóYx½ªî»ð³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼Ê¹ç•è²îOK²³îÇ§
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. YAYóYx½ªî»ð³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼Ê¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °Ê²¼²î¼Ê¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;YÉ;Ê¼Y½;Yî;YÉ;Ê²ðîã¹
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÷çîNG²î¼Ê¹ç•è²¼²îTI-CMDÁ÷çî¼î¹Ô²•²Ê²²²³²Ê;f
0180 C. ²³²ç;çSET²EDUMP²î¼Ê¹ç•è²¼²î¼²³²²²;f
0181 C.
0182 C. TIY³Y²YóYÉ²ð²î¼Ê¹ç(UT)
0183 +. TI 2008-07-17 09:47:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2008-07-17 09:47:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2008-07-17 09:47:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2008-07-17 09:51:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0198 C.
0199 C. °Ê²¼αİÄë%İİñαİŷÄŷ§ŷÄŷ-¹àİŰ
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. TIİİ°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC          (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]    EQ          07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]    EQ          2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]     EQ          3
0215 C.          çç[HK1_DMP_REPEAT_NUM]    EQ          0
0216 C.          çç[HK1_DMA_DMP_PIM]       EQ          DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC          (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]       EQ          7
0220 C.          çç[HK1_PKT_GEN_TIME]      EQ          0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]   EQ          32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]   EQ          4M
0223 C.          çç[HK1_DMP_CHK_FLG]      EQ          EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªİ»αò³İÇ§
0226 C.          çç[HK1_DMP_CHK_FLG]       EQ          NON
0227 C.
0228 C. RAM ID=TI_TBLαİŷÈ¹ç•è²İOKαò³İÇ§
0229 C.
0230 C. DHUŷâ;¼ŷÈ;È¼ŷ¼. ŷİ;¼ŷÈ;Èαòİãα¹
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. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2008-07-17 09:51:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC          (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2008-07-17 09:51:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC          (21 02)
0258 +. TI 2008-07-17 09:51:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC          (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]      EQ          2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2008-07-17 09:51:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC          (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]      EQ          1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´ûÃİαİ»ö¼ŷαÈÄα¹αèDCBC•x²è *****
0276 C. (¼ª°İŷÖŷÄŷÈŷŷŷÄŷçŷèè¼αα¼Ä»Űα¹αè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹•İ Daily±çİñαÈ'Øα¹αèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Ű;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-994 2008-07-17 12:19:54 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁã•µ°È»Í×ÁÇãÍYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈãÈ¼°ÇÓã•¿¼i¹çãí;çÁ®, ùã¹ãèãããçÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** SOT command *****
0016 . C. < Change PMU Duty Cycle Limits >
0017 +. DC 07-F2 FPP_PMU_PWM_LIMIT
0018 BC (82 05 10 70 90)
0019 C. -----
0020 C. FPP_PMU_PWM_LMT_HI = 144 [ ]
0021 C. FPP_PMU_PWM_LMT_LO = 112 [ ]
0022 C. -----
0023 C.
0024 C. ***** SOT command end *****
0025 C.
0026 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0027 C. Upload the Orbit Element and the Target Attitude
0028 C. RAM-ID:TARGET_ATT
0029 . S. RAM ram-150:TARGET_ATT
0030 ( )
0031 C.
0032 C.
0033 C. Set the dump memory area of TARGET_ATT
0034 +. DC 02-48 AOCU_DUMP_SET
0035 BC (07 00 00 00 18 00)
0036 C.
0037 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0038 C.
0039 C.
0040 C. Change the TLMFormatNo for the AOCS Dump Format
0041 +. DC 01-22 DHU_MODE_CHNG
0042 BC (04 0b f8)
0043 C.
0044 C. Wait for AOCSDUMP to end
0045 C.
0046 . C. Check the dump memory
0047 C.
0048 C. Result = OK [ ]
0049 C.
0050 +. DC 01-22 DHU_MODE_CHNG
0051 BC (02 0a f8)
0052 C.
0053 C. <A_***>[TLM STS] FMT = 2 [ ]
0054 C.
0055 +. DC 02-8E AOCU_ORB_UPD
0056 . C.
0057 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0058 +. DC 07-FC EIS_MODE_MANU
0059 BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 . C. Estimated OBSTBL upload time is 9s
0062 C. *****
0063 C. EIS START OBSTBL LOAD
0064 C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 BC (07 07 07 00 00 70 00)
0069 C.
0070 C. Execute, after the success of OBSTBL upload.
0071 C. Set EIS TI-commands
0072 +. TI 2008-07-17 09:51:50.0
0073 DC 07-FC EIS_MODE_CHG_ENA
0074 BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 C. *****
0077 C. EIS END OBSTBL LOAD
0078 C. *****
0079 C.
0080 . C. ***** MDP `ûÁîãî»ò¼YãÈÁã¹ãèDCBC•x²è *****
0081 C. (¼ã°íYÓYÁYÈYBpYÈYáYçYèãÈ%¼ã¼Á»Ûã¹ãè)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** YDÝ¹.İ Daily±¿íÑãÈ`Øã¹ãèDCBC•x²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0092 C.
0093 . C. ***** LOS *****
0094 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 08 08)
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 0f 80 80 06 06)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 10 80 80 04 04)
0132 . C. ----- Success Verify ? OK / NG ____
0133 C.
0134 C.
0135 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0136 C.
0137 +. DC 07-F0 MDP_XRT_MODE_OBSV
0138 BC (c2)
0139 +. TI 2008-07-17 09:51:02.0
0140 DC 07-F0 MDP_XRT_MODE_OBSV
0141 BC (c2)
0142 . C. ----- Success Verify ? OK / NG ____
0143 C.
0144 C. ***** XRT END *****
0145 . C. *****
0146 C. SOT table upload
0147 C. *****
0148 . C. < Stop FG table >
0149 +. DC 07-F0 MDP_FG_CTRL_MANU
0150 BC (51)
0151 . C. -----
0152 C. MDP_FG_CTRL_MODE = MANU [ ]
0153 C. -----
0154 C.
0155 . C. <Upload FG Observation Table>
0156 . S. RAM ram-267:MDP_OBS_F
0157 ( )
0158 C.
0159 . C. < Dump RAMID=MDP_OBS_F >
0160 +. DC 07-F0 MDP_DUMP_FGTBL
0161 BC (82 07 00 00 00 38 b8)
0162 C. -----
0163 C. MDP_OBS_F verify = OK/NG [ ]
0164 C. -----
0165 C.
0166 C. *****
0167 C. SOT TI command set
0168 C. *****
0169 C. Execute, after the success of TBL upload.
0170 +. TI 2008-07-17 09:51:18.0
0171 DC 07-F0 MDP_SOT_MODE_OBSV
0172 BC (40)
0173 . C. -----
0174 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0175 C. -----
0176 C.
0177 C.
0178 . C. ***** MDP `úÃîñî»ò%ŸñÈÃðñ¹ñèDCBC•x²è *****
0179 C. (%ã°îŸÓŸÃŸÈŸËŸËŸáŸçŸèñÈ%ãñ%Ã»Ûñ¹ñè)
0180 . S. DC-BC dcbc-402:DCBC
0181 (MDP_known_event)
0182 C.
0183 C.
0184 . C. ***** ŸDŸ¹•İ Daily±;îññÈ`Øñ¹ñèDCBC•x²è *****
0185 . S. DC-BC dcbc-153:DCBC
0186 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0187 C.
0188 C.
0189 . C. ;ãLOSŸÃŸŸŸËŸËŸ¼Ã»Û;ã
0190 C.
0191 . C. ***** LOS *****
0192 C.

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\*\*\* OP Sequence for XRT \*\*\*

2008/07/17	10:02:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	af	1b	00	00
2008/07/17	10:37:30.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	10:37:32.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 03
2008/07/17	10:39:30.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8					22 fe 97 00
2008/07/17	10:39:50.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2008/07/17	10:39:52.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2008/07/17	10:39:54.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2008/07/17	10:39:56.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	11:44:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	12:08:00.0	XRT_Custom_421_OG [0x1a5]							
2008/07/17	12:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	13:23:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	13:46:30.0	XRT_Custom_421_OG [0x1a5]							
2008/07/17	13:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	15:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	15:38:00.0	XRT_Custom_430_OG [0x1ae]							
2008/07/17	15:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	16:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	17:24:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/17	17:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8					22 ff aa 00
2008/07/17	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76					00 00 00 00
2008/07/17	18:00:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 12
2008/07/17	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2008/07/17	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2008/07/17	18:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2008/07/17	18:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	18:09:54.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	18:09:56.5	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 03
2008/07/17	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76					00 00 00 00
2008/07/17	18:11:54.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8					22 fe 97 00
2008/07/17	18:12:14.5	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2008/07/17	18:12:16.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2008/07/17	18:12:18.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2008/07/17	18:12:20.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	18:18:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	19:01:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/17	19:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	19:57:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	20:38:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/17	20:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	21:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	22:15:00.0	XRT_Custom_430_OG [0x1ae]							
2008/07/17	22:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/17	23:14:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2008/07/17	23:47:30.5	XRT_Custom_430_OG [0x1ae]							
2008/07/17	23:48:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2008/07/18	00:53:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							

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2008/07/18	01:16:00.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	01:24:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	02:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	02:54:30.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	03:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	04:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	04:33:00.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	04:41:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	05:37:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	06:11:30.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	06:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	06:22:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	06:22:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	06:22:30.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/07/18	06:22:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2008/07/18	06:22:46.0	XRT_QT_PROG_SET_424_OG [0x1a8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12			
2008/07/18	06:22:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/07/18	06:22:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/07/18	06:22:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/07/18	06:24:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	06:32:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	06:32:24.5	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	06:32:26.5	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2008/07/18	06:32:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 af 1b 00 00			
2008/07/18	06:34:24.5	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2008/07/18	06:34:44.5	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/07/18	06:34:46.5	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/07/18	06:34:48.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/07/18	06:34:50.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	07:17:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	07:50:00.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	07:58:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	08:57:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	09:28:30.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	09:36:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	10:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	11:07:00.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	11:15:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	12:22:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	12:45:30.0	XRT_Custom_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	12:53:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	14:01:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	14:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	14:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	15:39:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	16:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	16:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	17:18:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	18:01:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/07/18	18:01:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/07/18	18:01:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/07/18	18:01:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2008/07/18	18:01:46.0	XRT_QT_PROG_SET_424_OG [0x1a8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12			

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2008/07/18	18:01:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/18	18:01:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/18	18:01:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/18	18:03:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/18	18:11:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/18	18:11:24.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/18	18:11:26.5	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2008/07/18	18:11:30.0	AOCS_Orе-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 af 1b 00 00				
2008/07/18	18:13:24.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2008/07/18	18:13:44.5	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/18	18:13:46.5	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/18	18:13:48.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/18	18:13:50.5	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/18	18:56:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/18	19:38:00.0	XRT_Custom_430_OG [0x1ae]							
2008/07/18	19:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/18	20:35:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/18	21:15:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/18	21:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/18	22:13:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/18	22:51:30.0	XRT_Custom_430_OG [0x1ae]							
2008/07/18	22:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/18	23:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/19	00:15:00.0	XRT_Custom_421_OG [0x1a5]							
2008/07/19	00:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/19	01:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/19	01:53:30.0	XRT_Custom_421_OG [0x1a5]							
2008/07/19	02:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/19	03:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/19	03:32:00.0	XRT_Custom_421_OG [0x1a5]							
2008/07/19	03:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/19	04:35:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/19	05:10:30.0	XRT_Custom_421_OG [0x1a5]							
2008/07/19	05:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/19	05:47:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/19	05:47:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/07/19	05:48:00.0	AOCS_Orе-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/07/19	05:48:16.0	XRT_QT_PROG_SET_424_OG [0x1a8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2008/07/19	05:48:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/19	05:48:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/19	05:48:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/19	05:50:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/07/19	05:57:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/19	05:58:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/07/19	05:58:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/07/19	05:58:22.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2008/07/19	05:58:24.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/07/19	05:58:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/07/19	05:58:28.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/07/19	05:58:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2008/07/19	06:56:00.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/07/19	06:56:02.0	XRT_FOCUS_POSITION_401_OG [0x191]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/07/19	06:56:22.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2008/07/19	06:56:24.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/07/19	06:56:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/07/19	06:56:28.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/07/19	06:56:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/07/19	07:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/07/19	08:27:00.0	XRT_Custom_421_OG [0x1a5]			
2008/07/19	08:35:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/07/19	09:06:00.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/07/19	09:06:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/07/19	09:06:22.0	XRT_QT_PROG_SET_414_OG [0x19e]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2008/07/19	09:06:24.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/07/19	09:06:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/07/19	09:06:28.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/07/19	09:06:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/07/19	09:39:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00