

XRT Timeline to be uploaded on 2008/08/02

Period: 2008/08/02 10:00:00 - 2008/08/07 09:51:00

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Normal mode

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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					
08/02 18:05:30 - 08/02 18:13:24	Fixed (0.0, 0.0)						synoptic, shifted 3.5 min					
08/03 18:11:30 - 08/03 18:19:24	Fixed (0.0, 0.0)						synoptic, shifted 9.5 min					
08/04 18:01:30 - 08/04 18:09:24	Fixed (0.0, 0.0)						synoptic, shifted -0.5 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 #1550: G-Band Alignment with North Pole Q90 2x2(G-band only) 8min Cadence - ROI For Limb Alignment-3												
Term	Pointing (x, y)						Comment					
08/02 18:28:30 - 08/02 20:17:30	Fixed (0.0, 945.0)						Coalignment at N-pole					
PROG= 06 1-time(s)												
└─ Subr= 1 1-time(s) 360.0sec												
└─ Seqn= 58 13-time(s) 480.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1551: G-Band Alignment with East limb Q90 2x2 (G-band only) 8min Cadence - ROI for Limb Alignment-3												
Term	Pointing (x, y)						Comment					
08/02 21:30:00 - 08/02 23:34:30	Fixed (-945.0, 0.0)						Coalignment at E-limb					
PROG= 01 1-time(s)												
└─ Subr= 1 1-time(s) 360.0sec												
└─ Seqn= 30 13-time(s) 480.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 1536x2048 (1280, 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 #15A4: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)												
Term	Pointing (x, y)						Comment					
08/03 06:27:00 - 08/03 06:34:54	Fixed (0.0, 0.0)						synoptic, shifted 25.0 min					
08/04 05:58:30 - 08/04 06:06:24	Fixed (0.0, 0.0)						synoptic, shifted -3.5 min					
08/05 06:02:00 - 08/05 06:09:54	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 #15A7: QS - C/Poly(23142) - 256x256 - AEC0 - Fast Cadence												
Term	Pointing (x, y)						Comment					
08/03 12:00:30 - 08/03 15:53:30	Track (-83.7, -22.7) @ 08/03 06:35:00						HOP72 + nanoflare study (after 12UT by XRT)					
PROG= 05 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 7 1-time(s) 2.0sec												
└─ C-poly/Open C-poly/thick-Al close Safe Norm 22.6s Obs 1x1 256x256 (1024, 1024) Q=98 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #157D: Thermal analysis 8x8 2048FOV Al/p-C/p-Al/p-Ti/p-Thin/Be-Med/Al-Thick/Al-Thick/Be-no compression												
Term	Pointing (x, y)						Comment					
08/03 18:22:00 - 08/03 18:40:00	Fixed (0.0, 0.0)						Axion study					
08/04 00:30:30 - 08/04 00:55:00	Fixed (0.0, 0.0)						Axion study					

PROG= 02 1-time(s)													
└ 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	

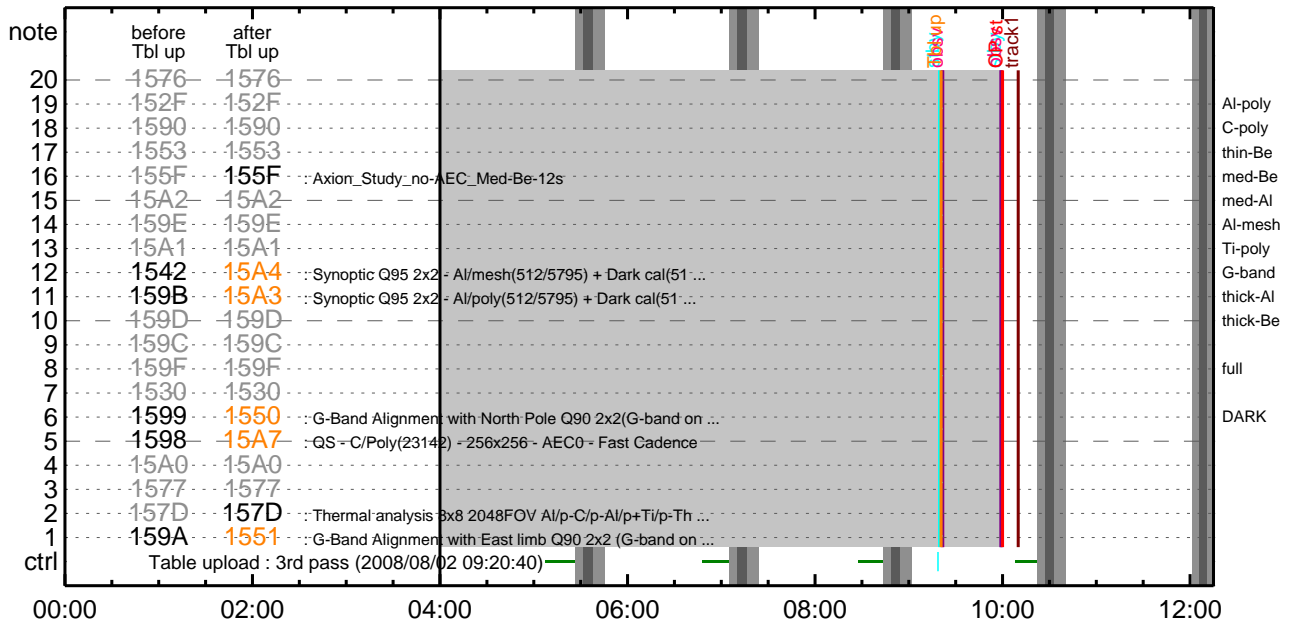
XOB #155F: Axion_Study_no-AEC_Med-Be-12s													
Term													
Pointing (x, y)													
Comment													
08/03 18:40:30 - 08/04 00:07:00			Fixed (0.0, 0.0)				Axion study						
PROG= 16 Inf.-time(s)													
└ Subr= 1 1-time(s) 2.0sec													
└ Seqn= 12 25-time(s) 4.0sec													
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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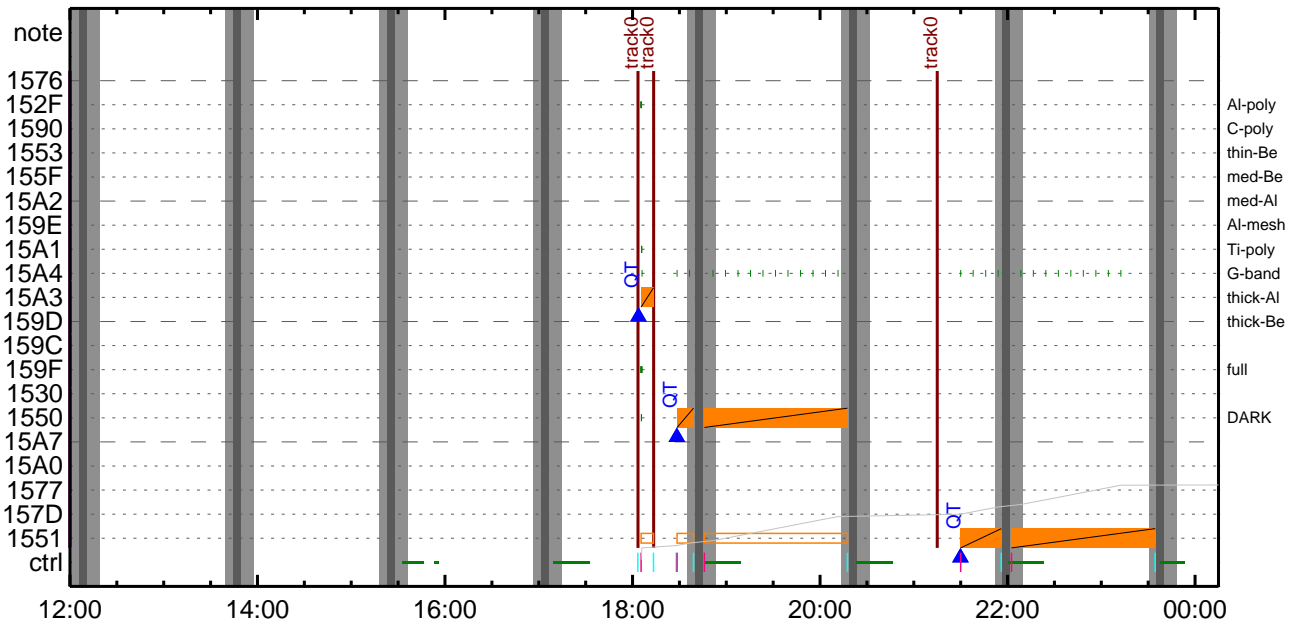
* * * * *
                                Flare mode                                * * * * *
                                NOT USED
* * * * *
                                Active Region Search                        * * * * *
                                NOT USED
* * * * *
                                Flare Detection                            * * * * *
                                NOT USED

```

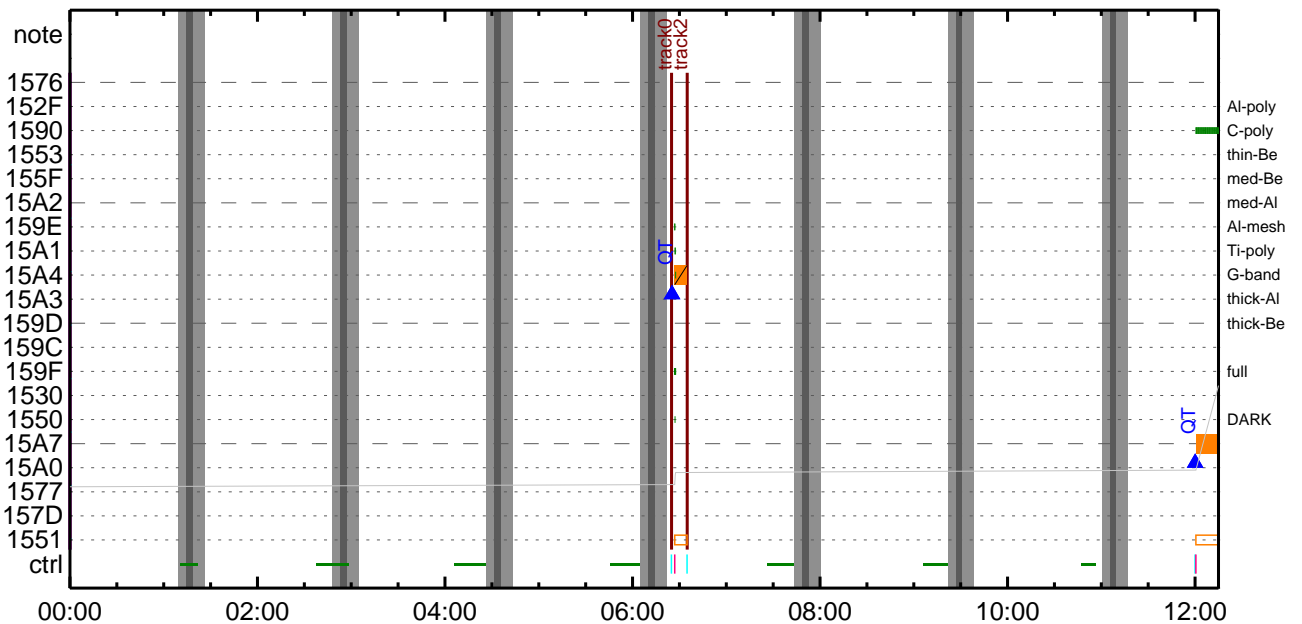
CMDI #0066 2008/08/02



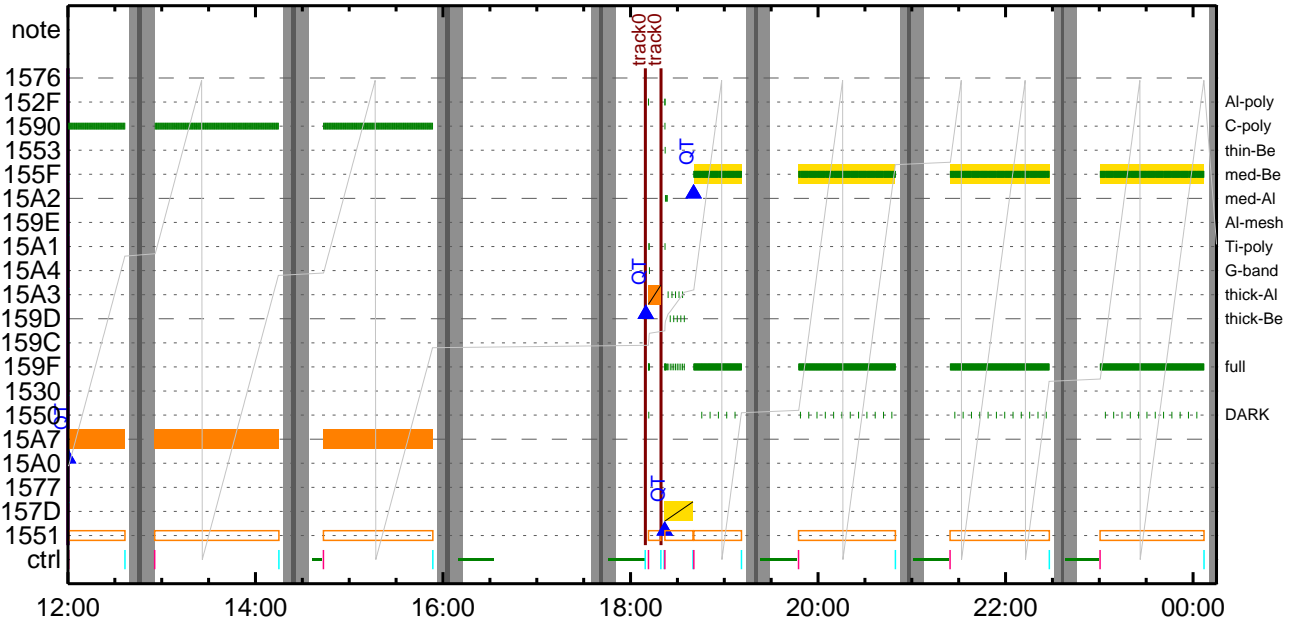
CMDI #0066 2008/08/02



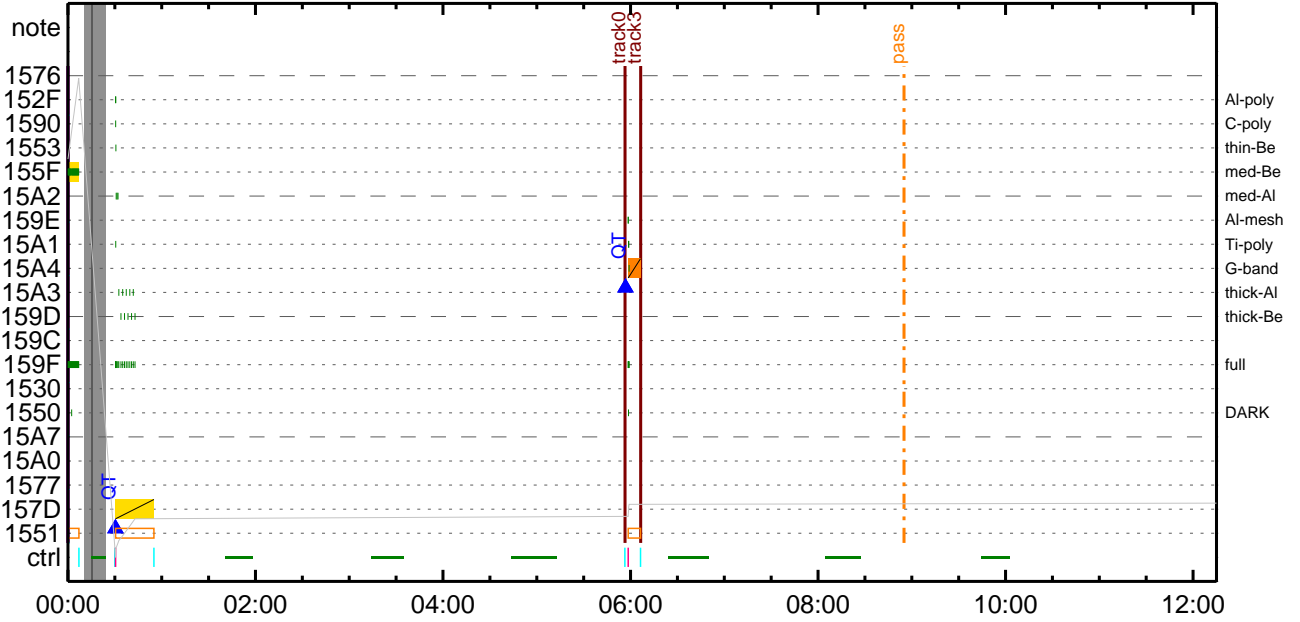
CMDI #0066 2008/08/03



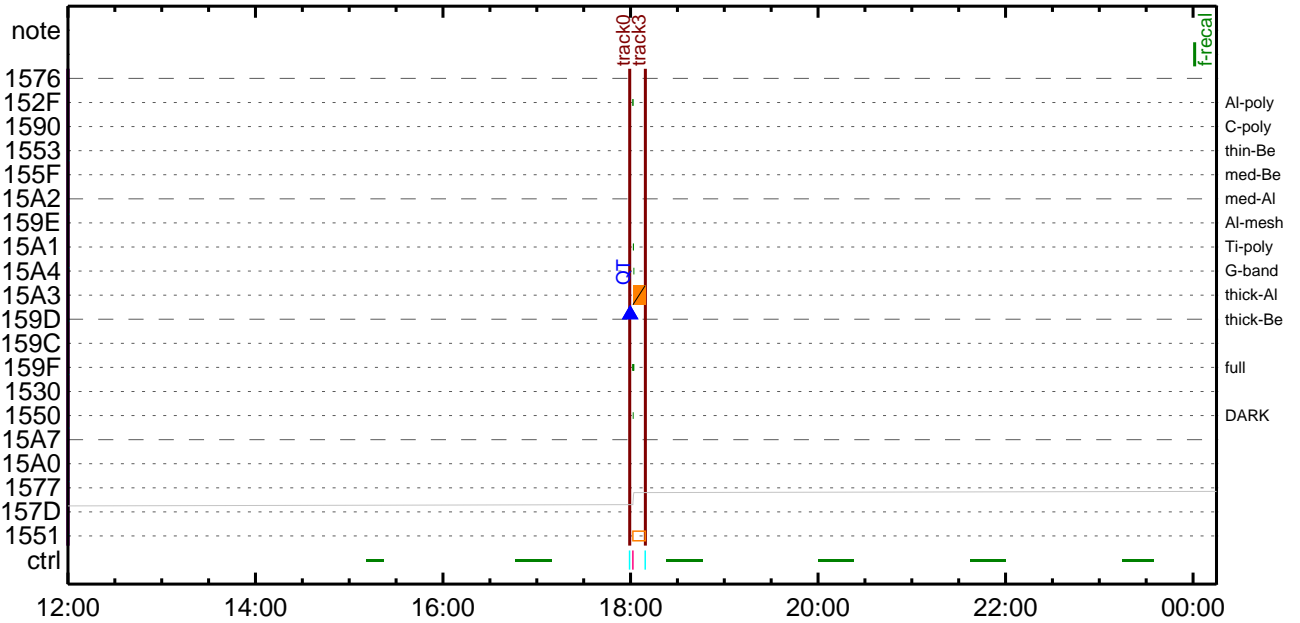
CMDI #0066 2008/08/03



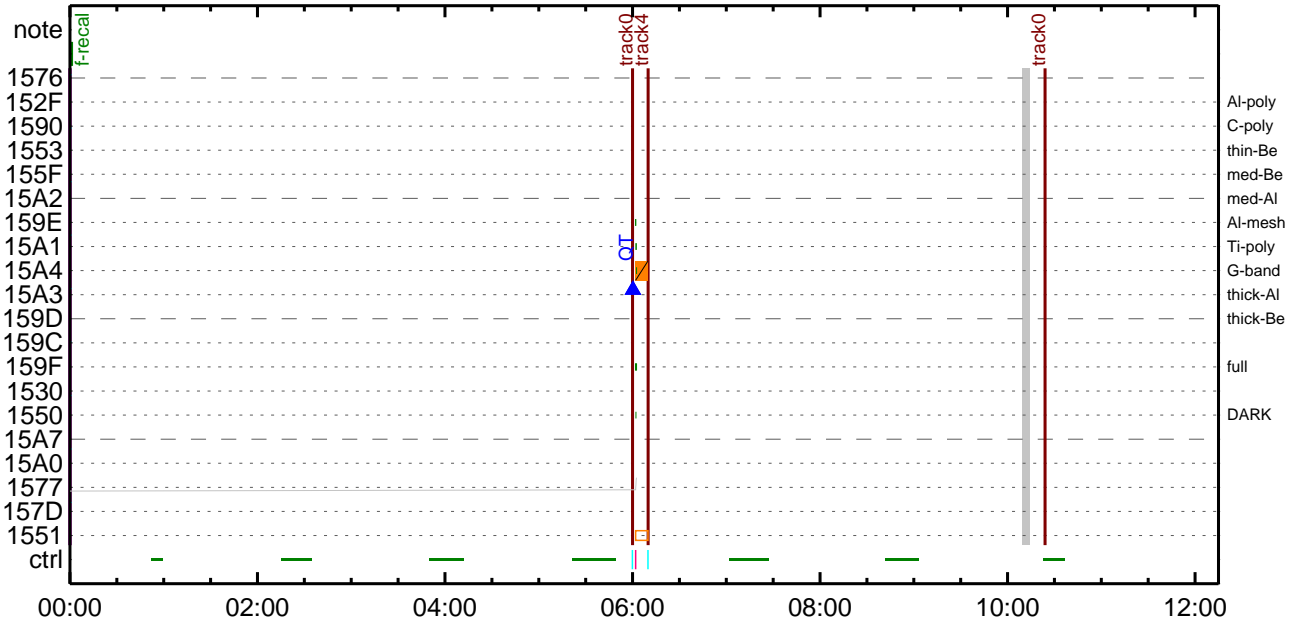
CMDI #0066 2008/08/04



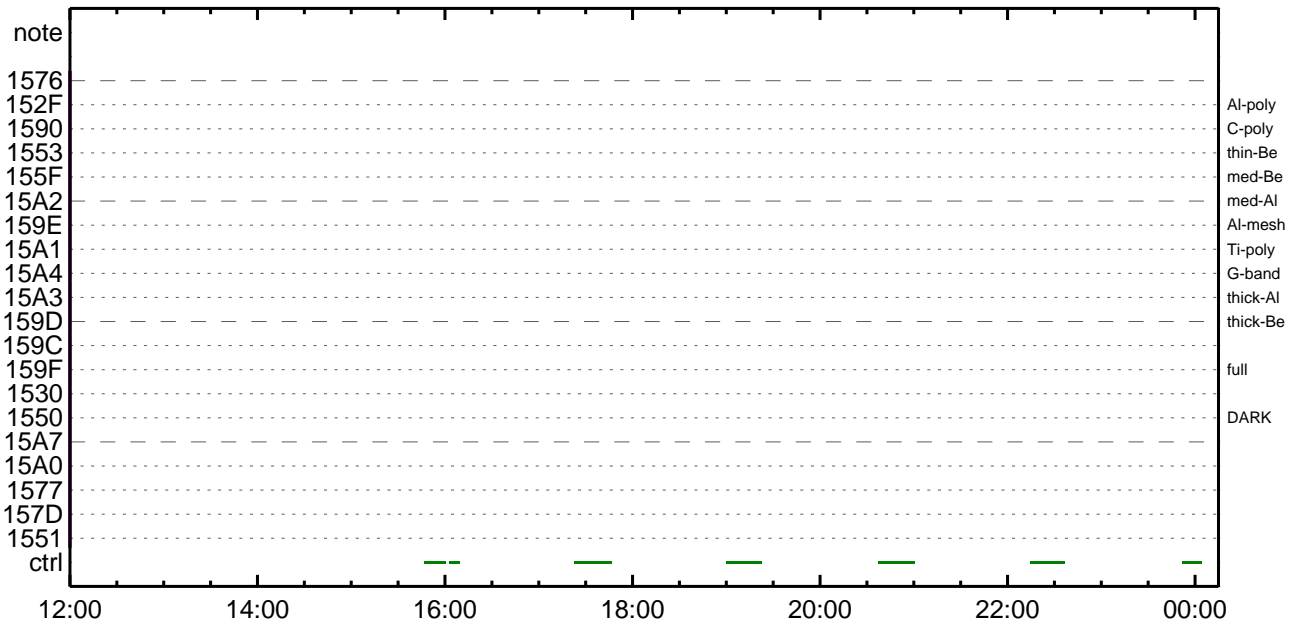
CMDI #0066 2008/08/04



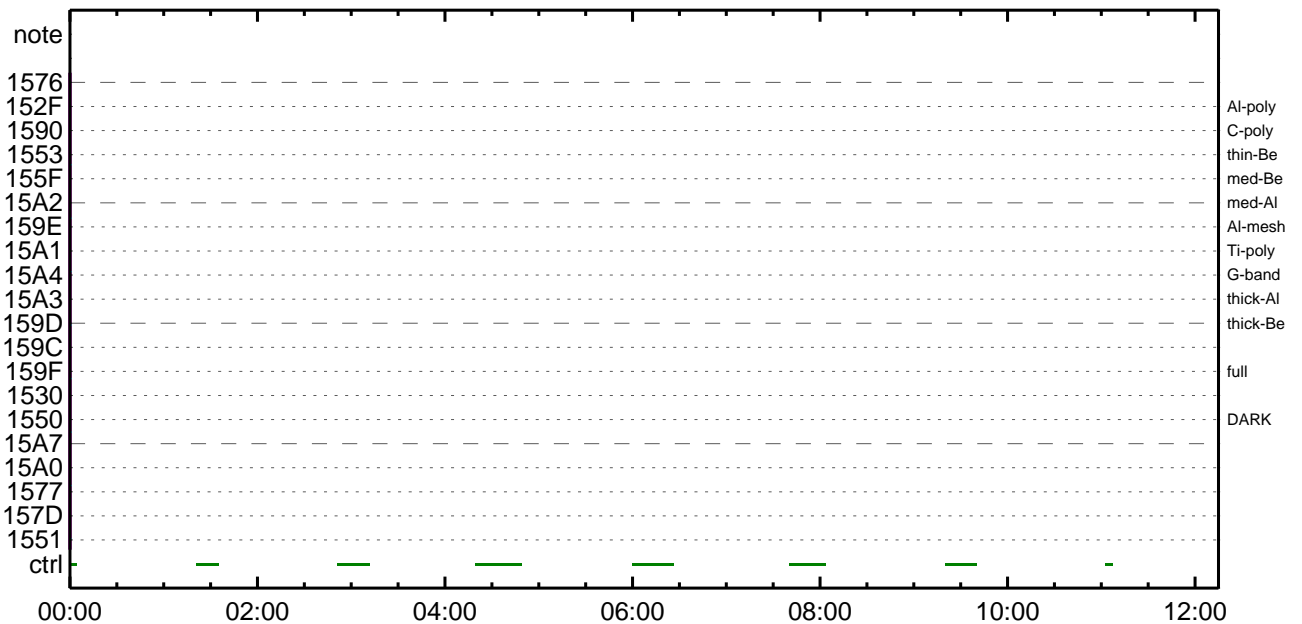
CMDI #0066 2008/08/05



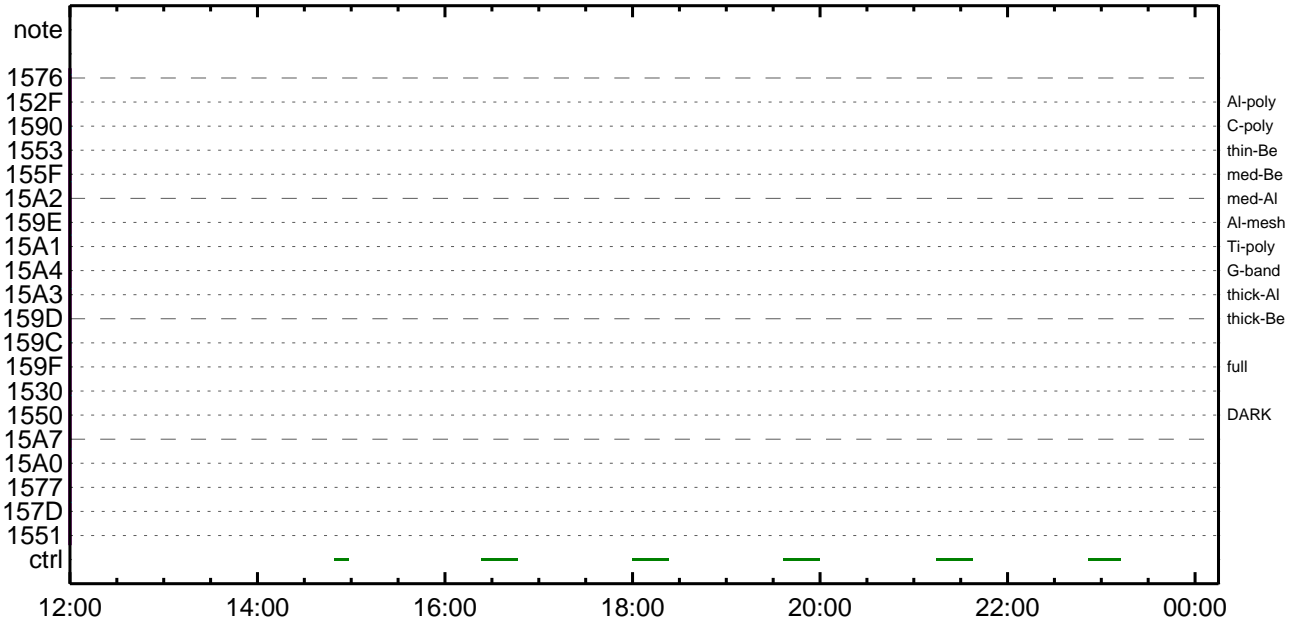
CMDI #0066 2008/08/05



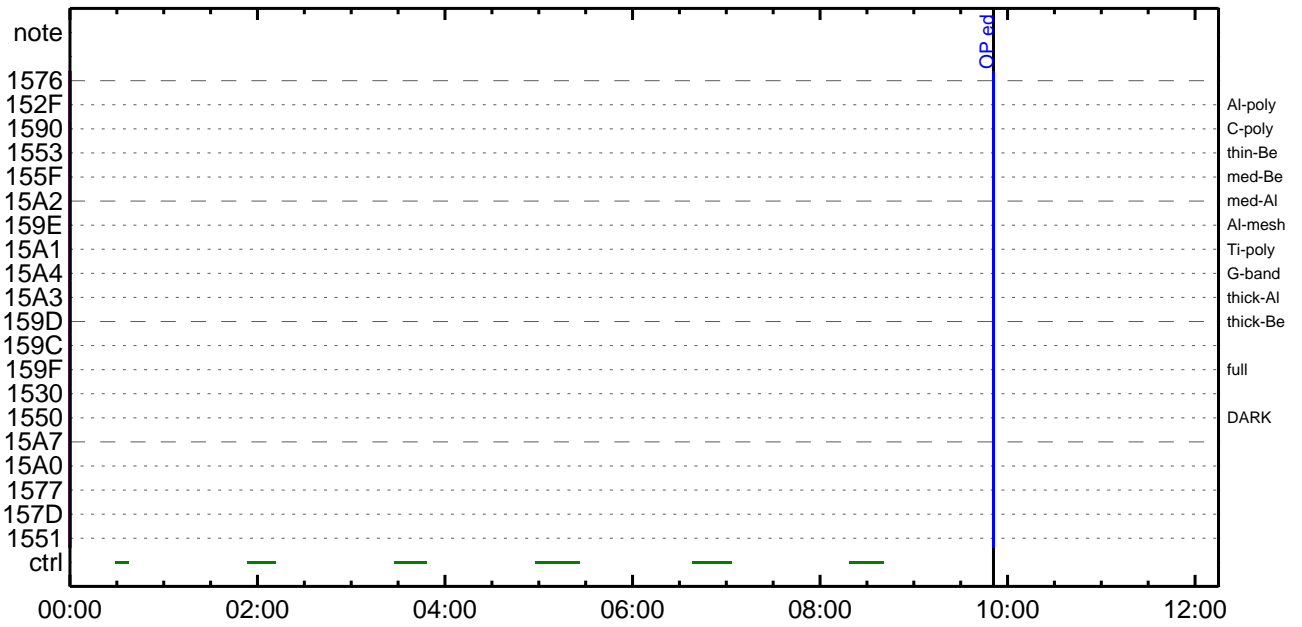
CMDI #0066 2008/08/06



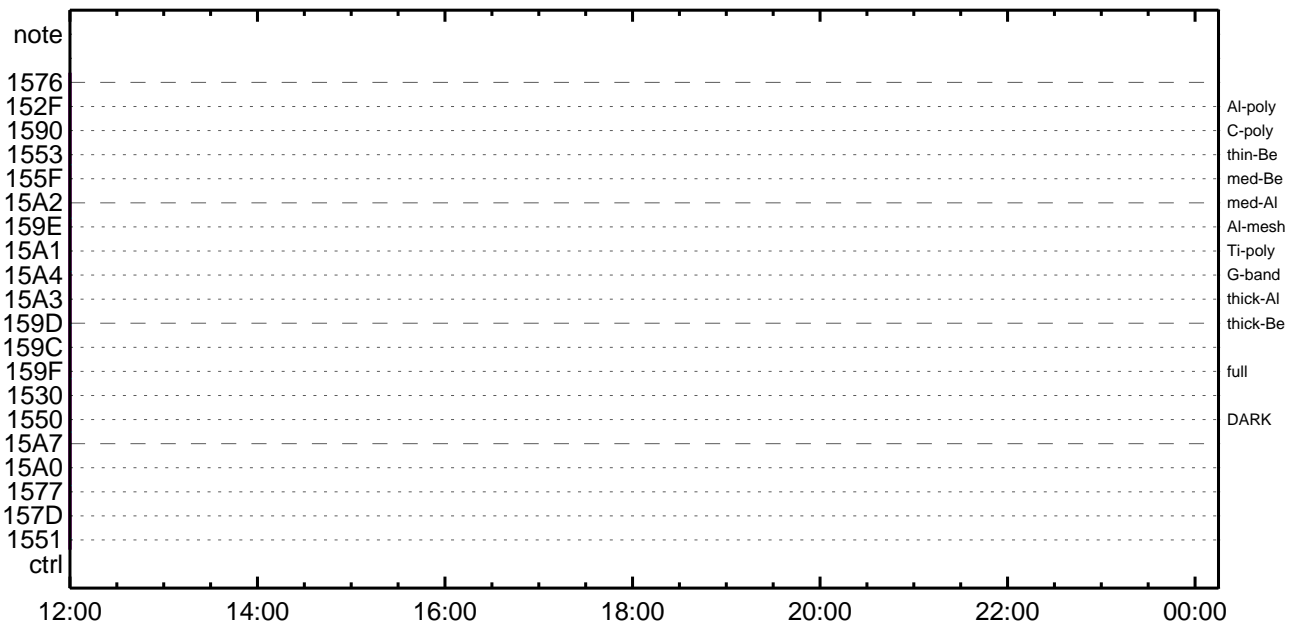
CMDI #0066 2008/08/06



CMDI #0066 2008/08/07



CMDI #0066 2008/08/07



(a) Spacecraft Operation Procedure (real-commands)

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main-044 2008-08-02 12:20:43 205 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÃY$YÃY-¼Ä»Û;ä
0005 . C.
0006 . C. YÀYB;¼Y³YFYÖYÉÄ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. Áí;ÈçðÄá•µ°È»Í×ÁÇçðíYçYÃY×Yí;¼YÉ;ÈÈ%µ•ííÈ;ÈÈ¼°ÇÓá•ç¼l¹ççí;çÄ®, ù¹áèçççÇÁ+ç®•çÈççç³çÈ;ç
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. *****
0015 . C. OP/OGYí;¼YÉ;|YÄYÖY×
0016 . C. *****
0017 . C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-044:OP
0020 . C.
0021 . S. OG og-044:OG
0022 . C.
0023 . C.
0024 . C. ;ãNMOG&OPí°èYÄYÖY×;ä
0025 . C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 . BC (20 00 7f 01 02)
0028 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 . BC (07 0b f8)
0035 . C. çç[HK1_PKT_FORM_NO] EQ 7
0036 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÀYÖY×½ªî»ðð³íÇ§
0041 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGç¼È¹ç•è²íOKçð³íÇ§
0043 . C.
0044 . C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 . BC (20 80 7f 01 02)
0047 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 . BC (07 0b f8)
0054 . C. çç[HK1_PKT_FORM_NO] EQ 7
0055 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÀYÖY×½ªî»ðð³íÇ§
0060 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGç¼È¹ç•è²íOKçð³íÇ§
0062 . C.
0063 . C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 . BC (21 00 41 01 02)
0066 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 . C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 . BC (07 0b f8)
0073 . C. çç[HK1_PKT_FORM_NO] EQ 7
0074 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÀYÖY×½ªî»ðð³íÇ§
0079 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPç¼È¹ç•è²íOKçð³íÇ§
0081 . C.
0082 . C. ***** çÈ²¼çç¼Ä'¼°çÈÈ-çÄ+ç® (¼áµ-YÄYÖY×¼È%çççðÄÖÃçç¼ªççç¼i¹ççççâ) *****
0083 . C. DHUYâ;¼YÉ;ÈY¼, Yí;¼YÉ;Èçðíáç¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 . BC (02 0a f8)
0086 . C. çç[HK1_PKT_FORM_NO] EQ 2
0087 . C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0089 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 . C.
0091 . C. *****
0092 . C. TI-CMD SET (OPOG STOP/COPY/START)
0093 . C. *****
0094 . C.
0095 . C. NOTICE |§ OPOG UPLOADç-Ä+ç®NGç¼È¹ç;ç°È²¼çç¼TI-CMDÄ+ç®ç¼Ä¹Ôçççççç³çÈ;ç

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0096 C.                0302; SET0EDUMP01E±0iYNY10Ç100|030E;E
0097 C.
0098 . C. TIY3YBY6YH00dADi (UT)
0099 +. TI 2008-08-02 09:55:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]            EQ      1COUNTUP
0102 C.
0103 +. TI 2008-08-02 09:55:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]            EQ      1COUNTUP
0106 C.
0107 +. TI 2008-08-02 09:55:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]            EQ      1COUNTUP
0110 C.
0111 +. TI 2008-08-02 09:59:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]            EQ      1COUNTUP
0114 C.
0115 C. 0E2%0IÄê%ííN0IYÁY§YÁY-1àlÜ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]        EQ      ENA
0117 C.                çç[HK1_TI_CMD_NUM]          EQ      4
0118 C.                çç[HK1_NEXT_EXEC_PIM]       EQ      DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]        EQ      0xB3
0120 C.
0121 . C. *****
0122 C. TIÍÍ°èYÁY6Yx
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.                çç[HK1_DMP_TOP_ADRS_1]      EQ      07
0129 C.                çç[HK1_DMP_TOP_ADRS_0]      EQ      2B
0130 C.                çç[HK1_DMP_BLOCK_NUM]       EQ      3
0131 C.                çç[HK1_DMP_REPEAT_NUM]      EQ      0
0132 C.                çç[HK1_DMA_DMP_PIM]        EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.                çç[HK1_PKT_FORM_NO]         EQ      7
0136 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.25 s
0137 C.                çç[HK1_S_TLM_BIT_RATE]      EQ      32k
0138 C.                çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0139 C.                çç[HK1_DMP_CHK_FLG]        EQ      EXEC
0140 C.
0141 . C. YÁY6Yx½ªI»0d3ÍÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]        EQ      NON
0143 C.
0144 . C. RAM ID=TI_TBL0IÈ¹Ç•è²IOK0d3ÍÇ§
0145 C.
0146 . C. DHUYâ;½YÉ;Ê½Y½;Yì;½YÈ;Ë0dIá0¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.                çç[HK1_PKT_FORM_NO]         EQ      2
0150 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.5S
0151 C.                çç[HK1_S_TLM_BIT_RATE]      EQ      32K
0152 C.                çç[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 2008-08-02 09:59:16.0
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 2008-08-02 09:59:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC          (21 02)
0174 +. TI 2008-08-02 09:59:40.0
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 2008-08-02 09:59:00.0
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 `úÃî0I»0Y0ÈÄ00¹0èDCBC•x²è *****
0192 C. (%ã0iY0YÁYÈYpYÈYáYçYè0E¾%00¼Ä»Û0¹0é)
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;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



```
0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_MANU
0131 BC (21 02)
0132 . C. Verify EIS in MANUAL mode
0133 . C. Estimated OBSTBL upload time is 29s
0134 C. *****
0135 C. EIS START OBSTBL LOAD
0136 C. *****
0137 . S. RAM ram-820:EIS_OBSTBL
0138 ( )
0139 +. DC 07-FC EIS_DUMP_OBSTBL
0140 BC (07 07 07 00 00 70 00)
0141 C.
0142 C. Execute, after the success of OBSTBL upload.
0143 C. Set EIS TI-commands
0144 +. TI 2008-08-02 09:59:50.0
0145 DC 07-FC EIS_MODE_CHG_ENA
0146 BC (20)
0147 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0148 C. *****
0149 C. EIS END OBSTBL LOAD
0150 C. *****
0151 C.
0152 . C. ***** MDP (uAÎpÎ»ö¼ÝpÈÄÐp¹pèDCBC•x²è *****
0153 C. (%ã°ÎÝÖÝÄÝÈÝÞÝÈÝãÝcÝèpÈ¼p¼Ä»Ûp¹pè)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** ¥Ð¥¹•İ Daily±¿İÑpÈ´Øp¹pèDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOS¥Á¥$¥Ä¥¹¼Ä»Û;ã
0164 C.
0165 . C. ***** LOS *****
0166 C.
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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-265:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-287:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 C. *****
0138 C. SOT TI command set
0139 C. *****
0140 C. Execute, after the success of TBL upload.
0141 +. TI 2008-08-02 09:59:18.0
0142 DC 07-F0 MDP_SOT_MODE_OBSV
0143 BC (40)
0144 . C. -----
0145 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0146 C. -----
0147 C.
0148 C.
0149 C. ***** XRT START *****
0150 C.
0151 +. DC 07-F0 MDP_XRT_CTRL_MANU
0152 BC (c1)
0153 + DC 07-F0 MDP_XRT_MODE_STBY
0154 BC (c3)
0155 . C. ----- Success Verify ? OK / NG____
0156 C.
0157 C. XRT Obs. Table Upload
0158 . S. RAM ram-291:MDP_OBS_X
0159 ( )
0160 C.
0161 +. DC 07-F0 MDP_DUMP_XRTTBL
0162 BC (84 07 00 00 00 3a d4)
0163 . C. ----- Comparison Check ? OK / ERR ____
0164 C.
0165 C.
0166 +. DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 01 b1 b1 04 04)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 02 b1 b1 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 03 b1 b1 08 08)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 04 b1 b1 06 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 06 80 80 20 20)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 07 80 60 20 18)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 08 a0 80 18 20)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 09 80 80 04 04)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 0f 80 80 06 06)
0184 + DC 07-F0 MDP_XRT_ROI_SET
0185 BC (cd 10 80 80 04 04)
0186 . C. ----- Success Verify ? OK / NG ____
0187 C.
0188 C.
0189 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0190 C.
0191 +. DC 07-F0 MDP_XRT_MODE_OBSV
0192 BC (c2)
0193 +. TI 2008-08-02 09:59:02.0

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0194 DC 07-F0 MDP_XRT_MODE_OBSV
0195 BC (c2)
0196 . C. ----- Success Verify ? OK / NG ____
0197 C.
0198 C. ***** XRT END *****
0199 C.
0200 . C. ***** MDP `úÃîñî»ò¼ŷñÊÃĐñ¹ñèDCBC•x²è *****
0201 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ñ¼Ã»Ûñ¹ñè)
0202 . S. DC-BC dcbc-402:DCBC
0203 (MDP_known_event)
0204 C.
0205 C.
0206 . C. ***** ŷĐŷ¹•İ Daily±¿İÑñÊ´Øñ¹ñèDCBC•x²è *****
0207 . S. DC-BC dcbc-153:DCBC
0208 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0209 C.
0210 C.
0211 . C. ;ãLOSŷÁŷŲŷÃŷ¬¼Ã»Û¿
0212 C.
0213 . C. ***** LOS *****
0214 C.
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*** OP Sequence for XRT ***

2008/08/02	10:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	00	00	00	00
2008/08/02	18:03:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/02	18:03:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/08/02	18:03:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2008/08/02	18:03:46.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2008/08/02	18:03:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/08/02	18:03:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/08/02	18:03:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/08/02	18:05:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/08/02	18:13:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/02	18:13:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	ac	00	00	00
2008/08/02	18:28:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/02	18:28:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/08/02	18:28:22.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2008/08/02	18:28:24.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/08/02	18:28:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/08/02	18:28:28.0	XRT_ARS_DIS_418_OG [0x1a2]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/08/02	18:28:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/08/02	18:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/02	18:46:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/08/02	20:17:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/02	21:15:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	54	00
2008/08/02	21:29:30.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/08/02	21:29:50.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2008/08/02	21:29:54.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/08/02	21:29:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/08/02	21:29:58.0	XRT_ARS_DIS_418_OG [0x1a2]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/08/02	21:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/08/02	21:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/02	22:02:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/08/02	23:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/03	06:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/03	06:24:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2008/08/03	06:25:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2008/08/03	06:25:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2008/08/03	06:25:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/08/03	06:25:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/08/03	06:25:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/08/03	06:27:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/08/03	06:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/03	06:35:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	02	00	00	00	00
2008/08/03	12:00:00.5	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/08/03	12:00:02.5	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2008/08/03	12:00:04.5	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2008/08/03	12:00:24.5	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/08/03	12:00:26.5	XRT_FLD_DIS_445_OG [0x1bd]							

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2008/08/03	12:00:28.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9	
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/08/03	12:00:30.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	12:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	12:47:30.0	XRT_Custom_421_OG [0x1a5]					
2008/08/03	12:55:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	14:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	14:42:30.0	XRT_Custom_430_OG [0x1ae]					
2008/08/03	14:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	15:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	18:09:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	18:09:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/08/03	18:09:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/08/03	18:09:46.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2008/08/03	18:09:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/08/03	18:09:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/08/03	18:09:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/08/03	18:11:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	18:19:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	18:19:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2008/08/03	18:21:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	18:21:32.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/08/03	18:21:52.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2008/08/03	18:21:54.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/08/03	18:21:56.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/08/03	18:21:58.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/08/03	18:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	18:40:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	18:40:02.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2008/08/03	18:40:22.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2008/08/03	18:40:24.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/08/03	18:40:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/08/03	18:40:28.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2008/08/03	18:40:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	19:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	19:46:30.0	XRT_Custom_430_OG [0x1ae]					
2008/08/03	19:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	20:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	21:23:30.0	XRT_Custom_430_OG [0x1ae]					
2008/08/03	21:24:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/03	22:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/03	22:59:30.0	XRT_Custom_430_OG [0x1ae]					
2008/08/03	23:00:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2008/08/04	00:07:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/04	00:30:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2008/08/04	00:30:02.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2008/08/04	00:30:22.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2008/08/04	00:30:24.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2008/08/04	00:30:26.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2008/08/04	00:30:28.0	XRT_ARS_DIS_422_OG [0x1a6]					

2008/08/04	00:30:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/08/04	00:55:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/08/04	05:56:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/08/04	05:56:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/08/04	05:56:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/08/04	05:56:46.0	XRT_QT_PROG_SET_429_OG [0x1ad]	AOCU_NM	5	02-76	00 00 00 00 00
2008/08/04	05:56:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/08/04	05:56:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/08/04	05:56:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/08/04	05:58:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/08/04	06:06:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/08/04	06:06:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/08/04	17:59:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	AOCU_NM	5	02-76	03 00 00 00 00
2008/08/04	17:59:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/08/04	17:59:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/08/04	17:59:46.0	XRT_QT_PROG_SET_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2008/08/04	17:59:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2008/08/04	17:59:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/08/04	17:59:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/08/04	18:01:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/08/04	18:09:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/08/04	18:09:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/08/05	00:01:00.0	XRT_FOCUS_RECALIBRATE_410_OG [0x19a]	AOCU_NM	5	02-76	03 00 00 00 00
2008/08/05	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	XRT_FOCUS_RECAL	2	07-F8	78 00
2008/08/05	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/08/05	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/08/05	06:00:16.0	XRT_QT_PROG_SET_429_OG [0x1ad]	AOCU_NM	5	02-76	00 00 00 00 00
2008/08/05	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2008/08/05	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/08/05	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/08/05	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/08/05	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/08/05	06:10:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/08/05	10:24:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04 00 00 00 00
			AOCU_NM	5	02-76	00 00 00 00 00