

XRT Timeline to be uploaded on 2009/04/16

Period: 2009/04/16 10:01:00 - 2009/04/21 10:22:00

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Normal mode

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XOB #1669: CH - Al/poly + Ti/poly + Thin-Be + dark - AEC0 - FOV 512x512 - 2min cadence												
Term		Pointing (x, y)					Comment					
04/16 12:03:00 - 04/16 17:50:24		Fixed (0.0, -940.0)					South Pole					
04/17 02:03:00 - 04/17 07:29:54		Fixed (0.0, -940.0)					HOP107 - South pole					
PROG= 12 Inf.-time(s)												
└─ Subr= 3 1-time(s) 2.0sec												
└─┬─ Seqn= 62 1-time(s) 2.0sec												
└─┬─ Al-poly/Open Al-poly/Open close Safe Dark 16.0s Obs 1x1 512x512 (1024, 1024) DPCM 0 0 2.0sec												
└─┬─ Subr= 1 30-time(s) 120.0sec												
└─┬─ Seqn= 74 1-time(s) 2.0sec												
└─┬─ Al-poly/Open Al-poly/thick-Al close Safe Norm 16.0s Obs 1x1 512x512 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Open/Ti-poly Open/thick-Al close Safe Norm 22.6s Obs 1x1 512x512 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ thin-Be/Open thin-Be/Open close Safe Norm 64.0s Obs 1x1 512x512 (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 #1650: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(723/11571) + G-band(16)-2												
Term		Pointing (x, y)					Comment					
04/16 17:53:30 - 04/16 18:04:30		Fixed (0.0, 0.0)					synoptic, shifted -9.5 min					
04/17 17:57:30 - 04/17 18:41:00		Fixed (0.0, 0.0)					synoptic, shifted -5.5 min					
PROG= 02 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─┬─ Seqn= 36 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= 7 1-time(s) 2.0sec												
└─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Seqn= 88 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 #1684: Coronal cavity (6 pairs)-DPCM 2x2-768X768-FOV offset for SW(1120,1048)-longer exposures												
Term		Pointing (x, y)					Comment					
04/16 22:03:00 - 04/17 01:59:54		Fixed (600.0, -730.0)					HOP73 - off limb filament					
PROG= 03 Inf.-time(s)												
└─ Subr= 1 1-time(s) 300.0sec												
└─┬─ Seqn= 94 1-time(s) 4.0sec												
└─┬─ Open/Al-mesh Open/Ti-poly close Safe Norm 8.00s Obs 2x2 768x768 (1120, 1048) DPCM 0 0 2.0sec												
└─┬─ Seqn= 56 1-time(s) 4.0sec												
└─┬─ Al-poly/Open Al-poly/thick-Al close Safe Norm 11.3s Obs 2x2 768x768 (1120, 1048) DPCM 0 0 2.0sec												
└─┬─ Seqn= 9 1-time(s) 4.0sec												
└─┬─ C-poly/Open med-Be/Open close Safe Norm 16.0s Obs 2x2 768x768 (1120, 1048) DPCM 0 0 2.0sec												
└─┬─ Seqn= 34 1-time(s) 2.0sec												
└─┬─ Open/Ti-poly Open/Ti-poly close Safe Norm 16.0s Obs 2x2 768x768 (1120, 1048) DPCM 0 0 2.0sec												
└─┬─ Seqn= 43 1-time(s) 4.0sec												
└─┬─ Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 22.6s Obs 2x2 768x768 (1120, 1048) DPCM 0 0 2.0sec												
└─┬─ Seqn= 4 1-time(s) 2.0sec												
└─┬─ thin-Be/Open med-Be/Open close Safe Norm 64.0s Obs 2x2 768x768 (1120, 1048) DPCM 0 0 2.0sec												
Default Filter		Thicker Filter		VLS		mode		image		Exp. CCD Bin		ROI: size (center) Comp. AEC Buffer Interval

XOB #164F: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(723/11571) + G-band(16)-2												
Term		Pointing (x, y)					Comment					
04/17 07:33:00 - 04/17 08:33:30		Fixed (0.0, 0.0)					synoptic					
04/18 06:30:30 - 04/18 07:31:30		Fixed (0.0, 0.0)					synoptic, shifted 27.5 min					
PROG= 19 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─┬─ Seqn= 47 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= 7 1-time(s) 2.0sec												
└─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Seqn= 88 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 #1663: XBP Q90 Al/poly (AEC4) + Ti/poly (AEC4) + Thin-Be (AEC0) + dark - FOV512												
Term	Pointing (x, y)		Comment									
04/17 12:03:00 - 04/17 17:54:24	Fixed (0.0, 0.0)		HOP109									
PROG= 11 Inf.-time(s)												
└─ Subr= 1 1-time(s) 120.0sec												
└─ Seqn= 77 30-time(s) 60.0sec												
└─ Al-poly/Open C-poly/Open close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) Q=90 4 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) Q=90 4 0 2.0sec												
└─ Subr= 2 1-time(s) 4.0sec												
└─ Seqn= 25 1-time(s) 4.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 64.0s Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec												
└─ Seqn= 59 1-time(s) 4.0sec												
└─ Al-poly/Open C-poly/Open close Safe Dark 8.00s Obs 1x1 512x512 (1024, 1024) DPCM 0 0 2.0sec												
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1685: HOP105 - Al/poly - AEC1 - 512x512												
Term	Pointing (x, y)		Comment									
04/17 22:29:00 - 04/18 01:00:00	Fixed (600.0, -730.0)		HOP105									
PROG= 01 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 48 1-time(s) 120.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 16.0s Obs 1x1 512x512 (1064, 1048) DPCM 1 0 2.0sec												
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #15B9: twilight monitor												
Term	Pointing (x, y)		Comment									
04/18 06:05:00 - 04/18 06:27:24	Fixed (0.0, 0.0)		Disk center									
04/18 07:43:30 - 04/18 08:06:00	Fixed (0.0, 0.0)		Disk center									
PROG= 09 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─ Seqn= 60 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 16.0s Obs 1x1 256x256 (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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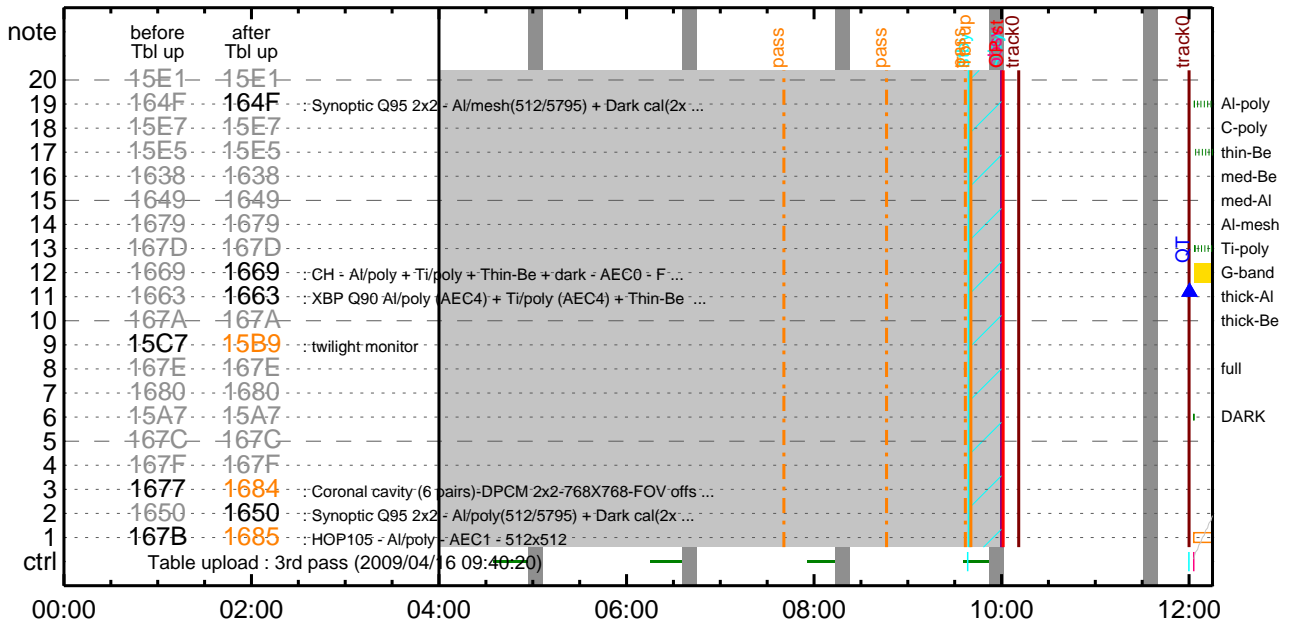
* * * * *
Flare mode
* * * * *
NOT USED

* * * * *
Active Region Search
* * * * *
NOT USED

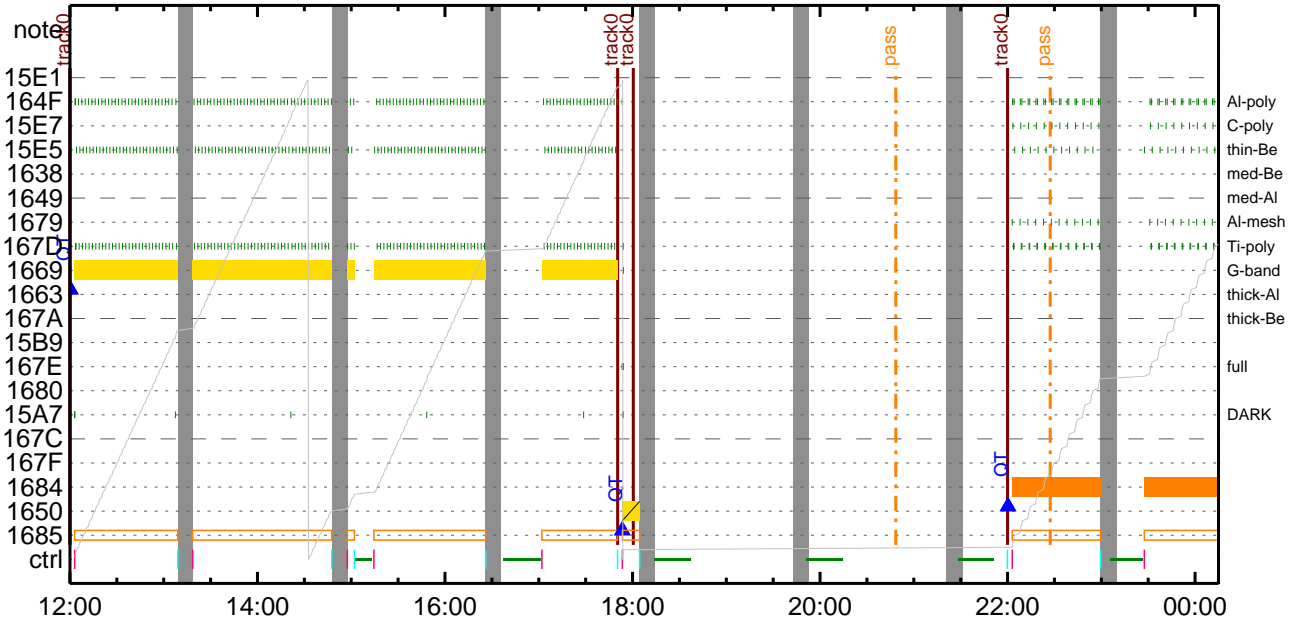
* * * * *
Flare Detection
* * * * *
NOT USED

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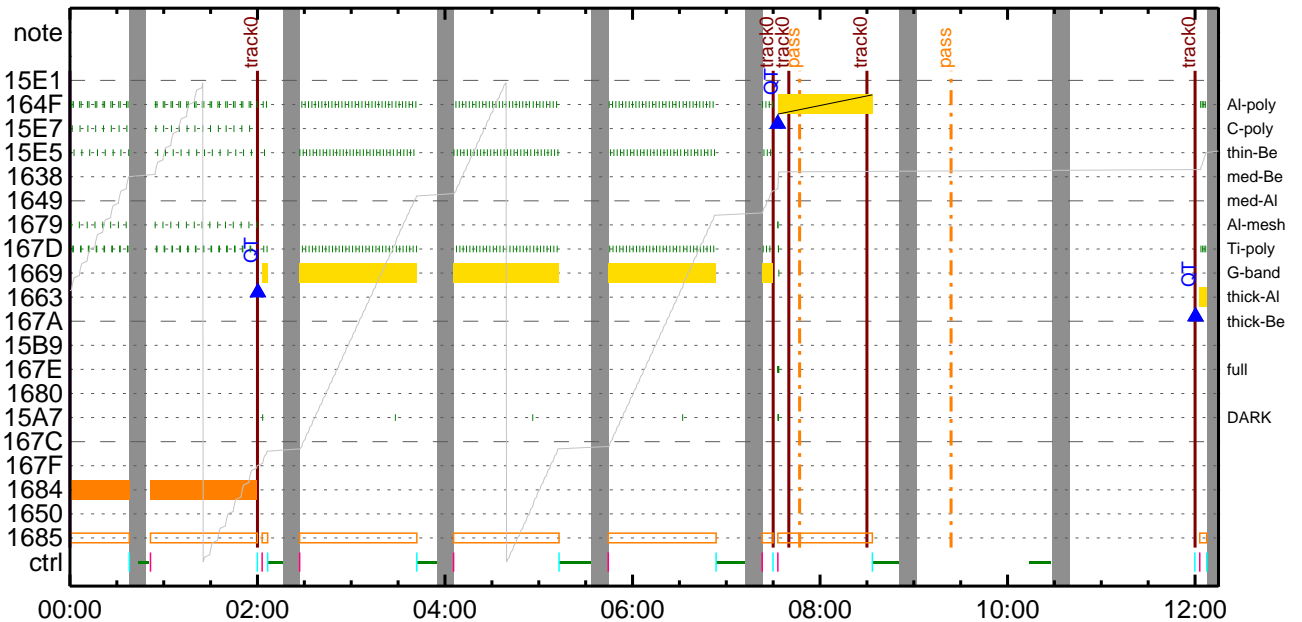
CMDI #0508 2009/04/16



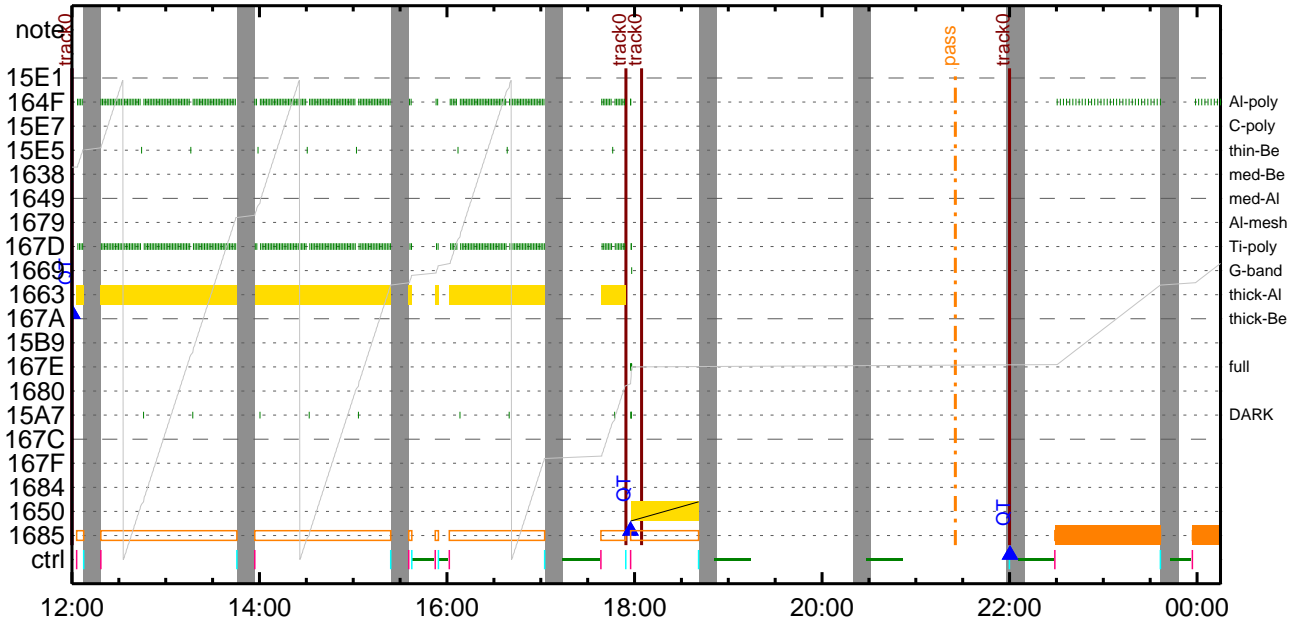
CMDI #0508 2009/04/16



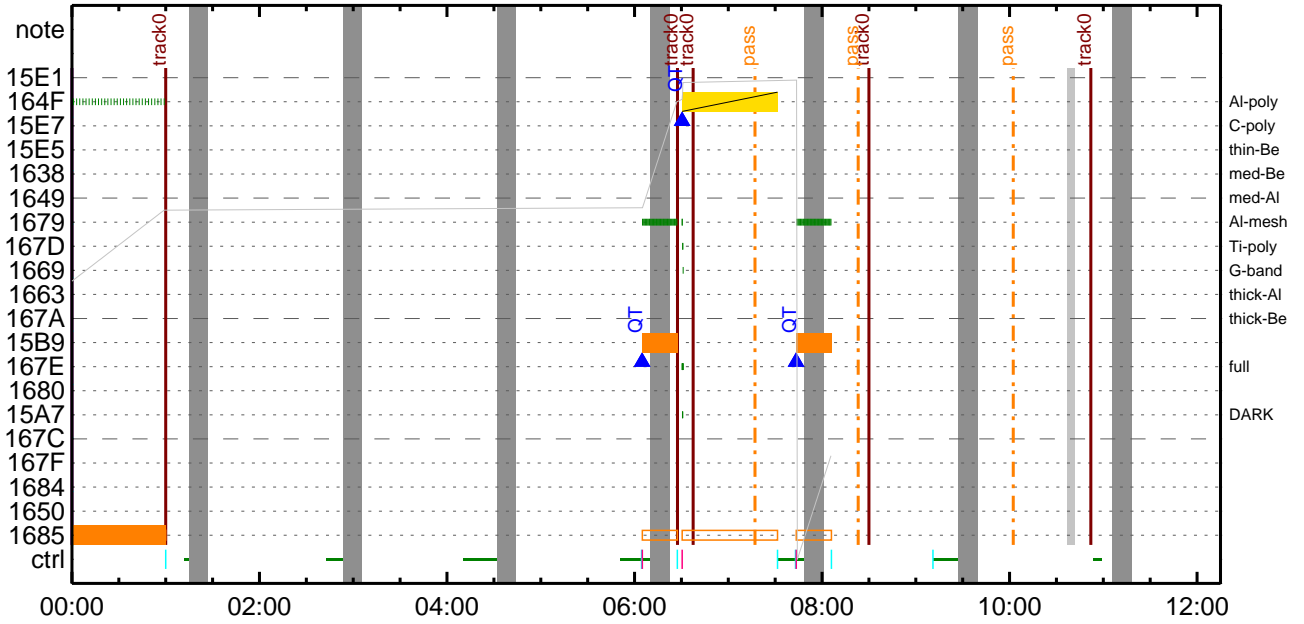
CMDI #0508 2009/04/17



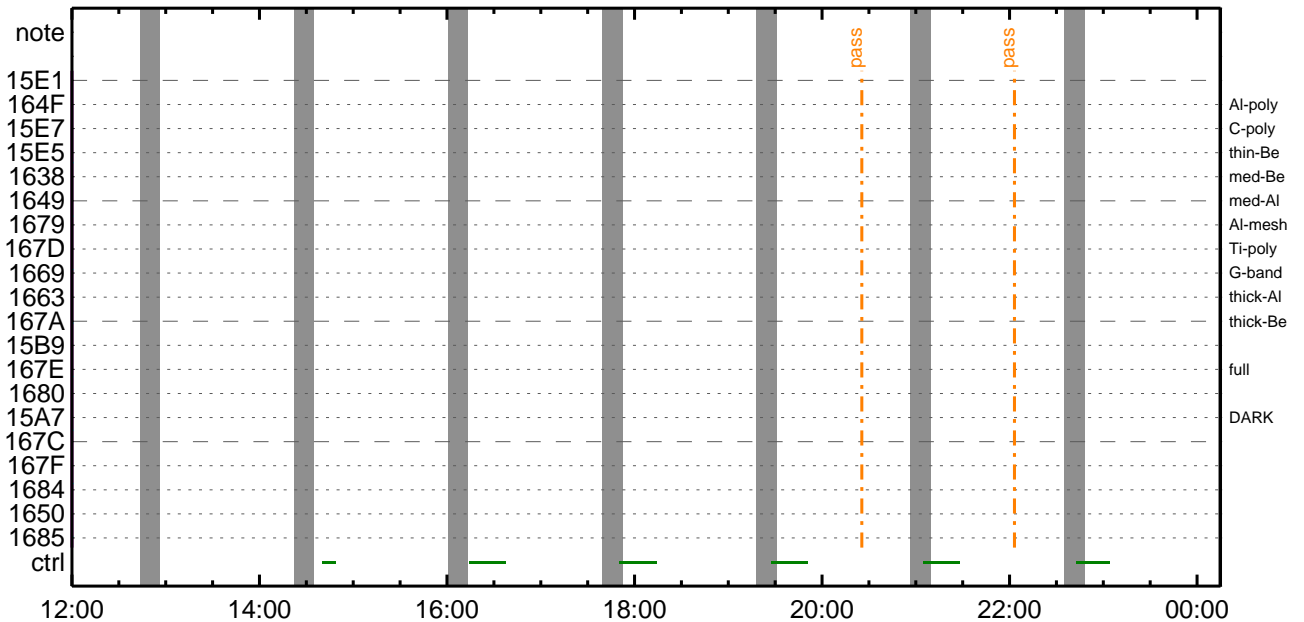
CMDI #0508 2009/04/17



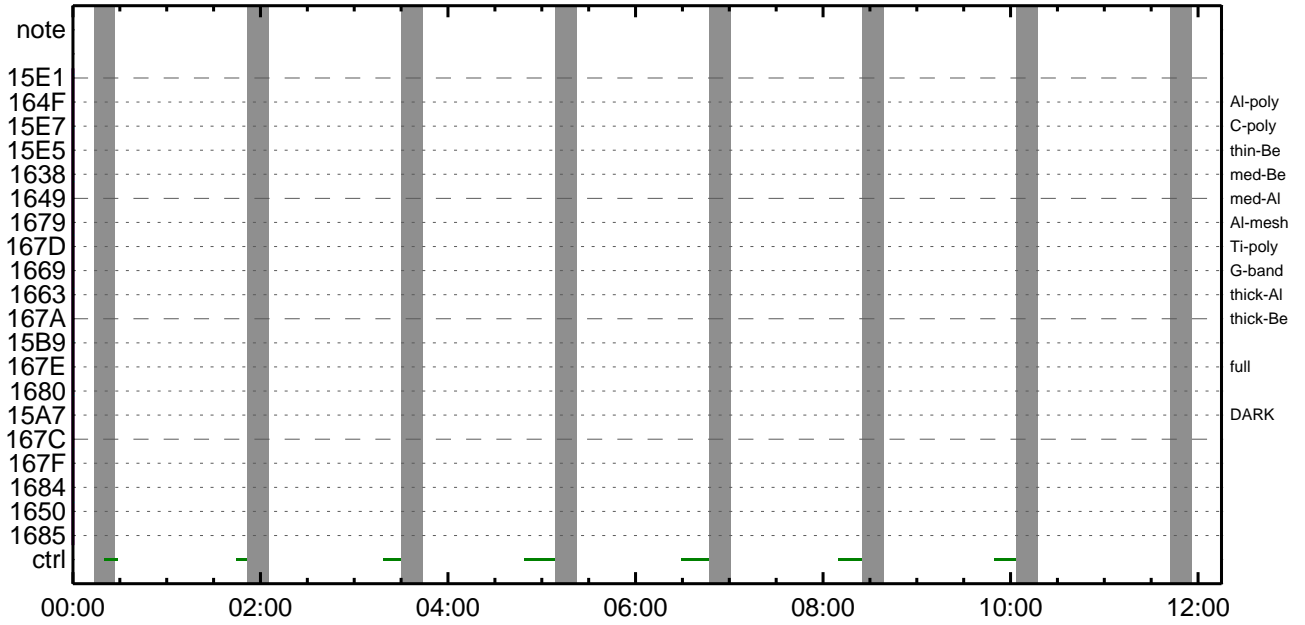
CMDI #0508 2009/04/18



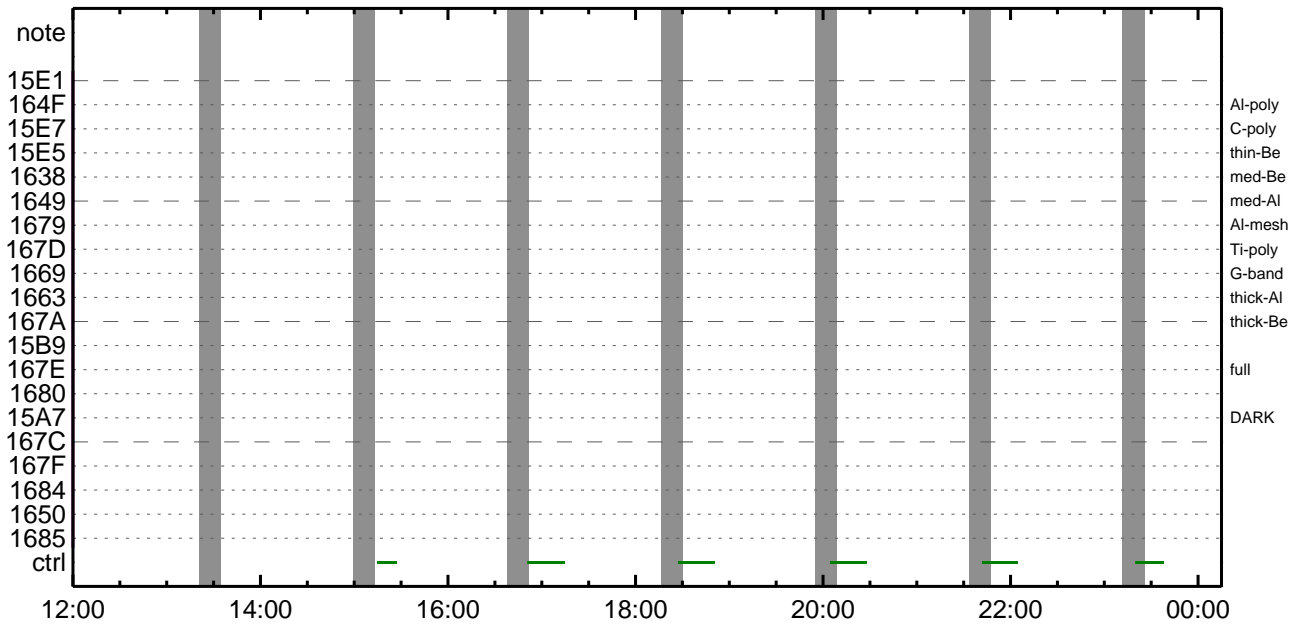
CMDI #0508 2009/04/18



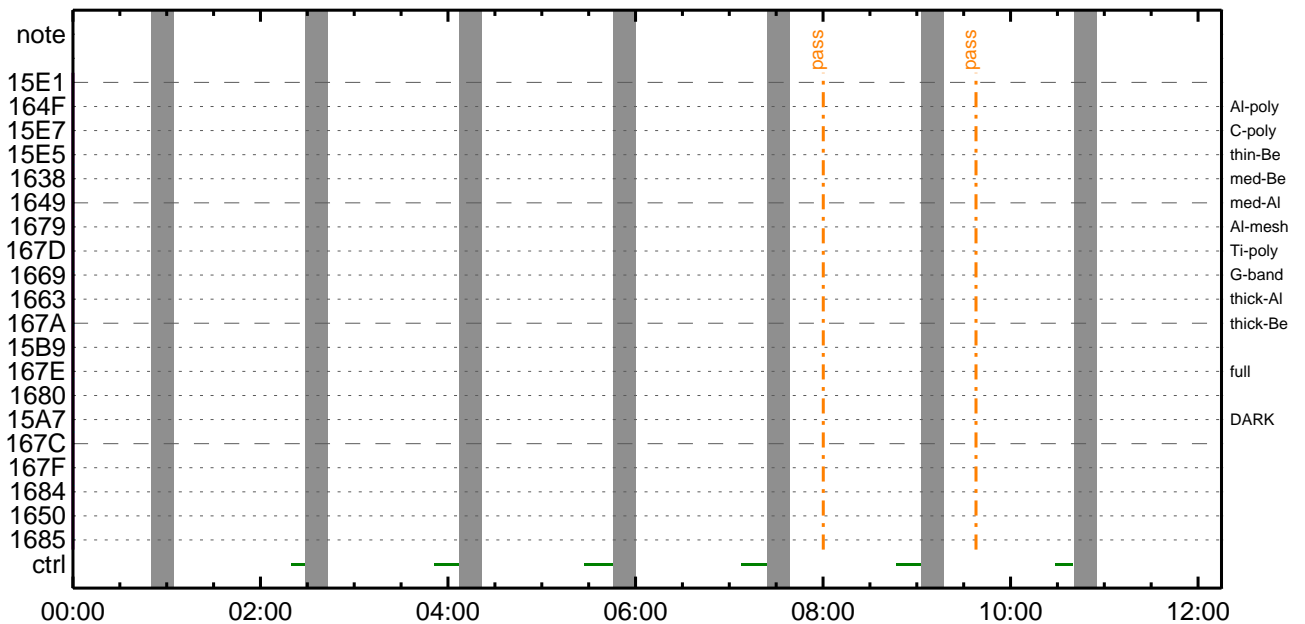
CMDI #0508 2009/04/19



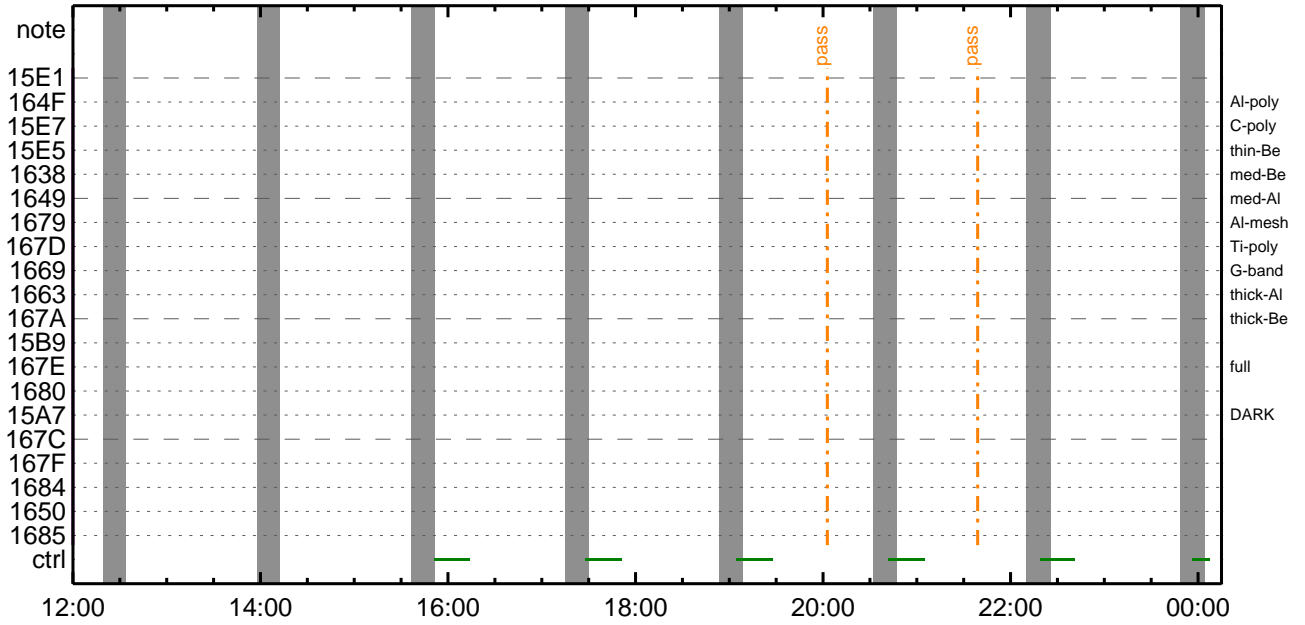
CMDI #0508 2009/04/19



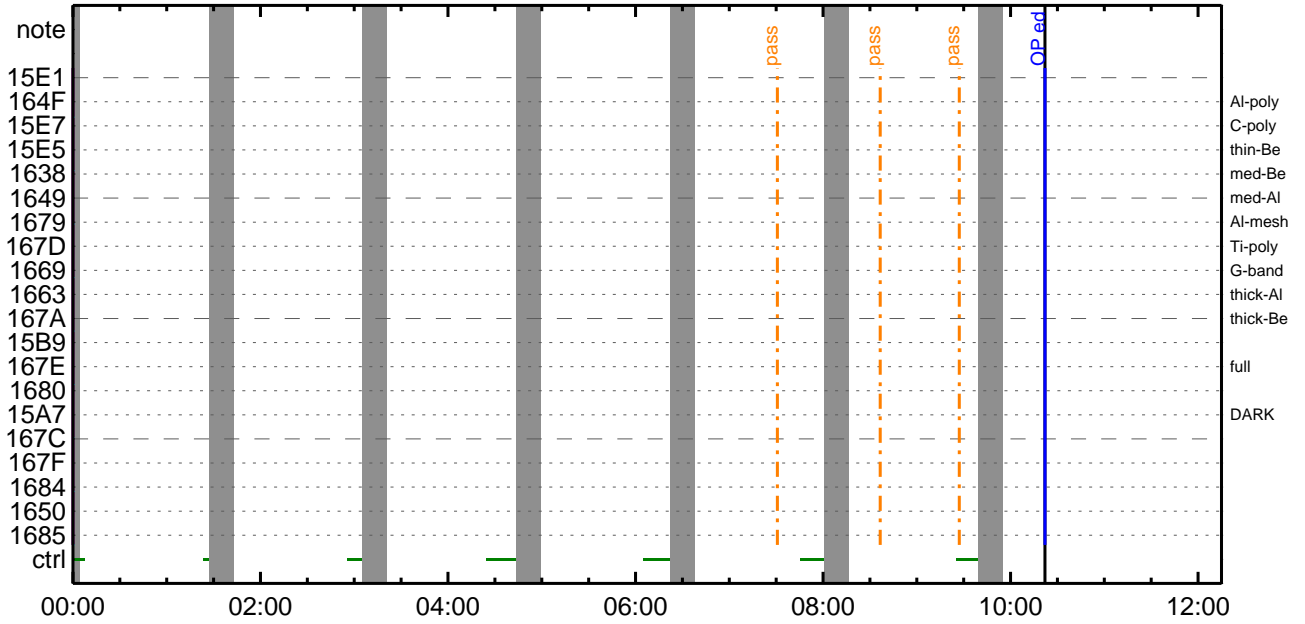
CMDI #0508 2009/04/20



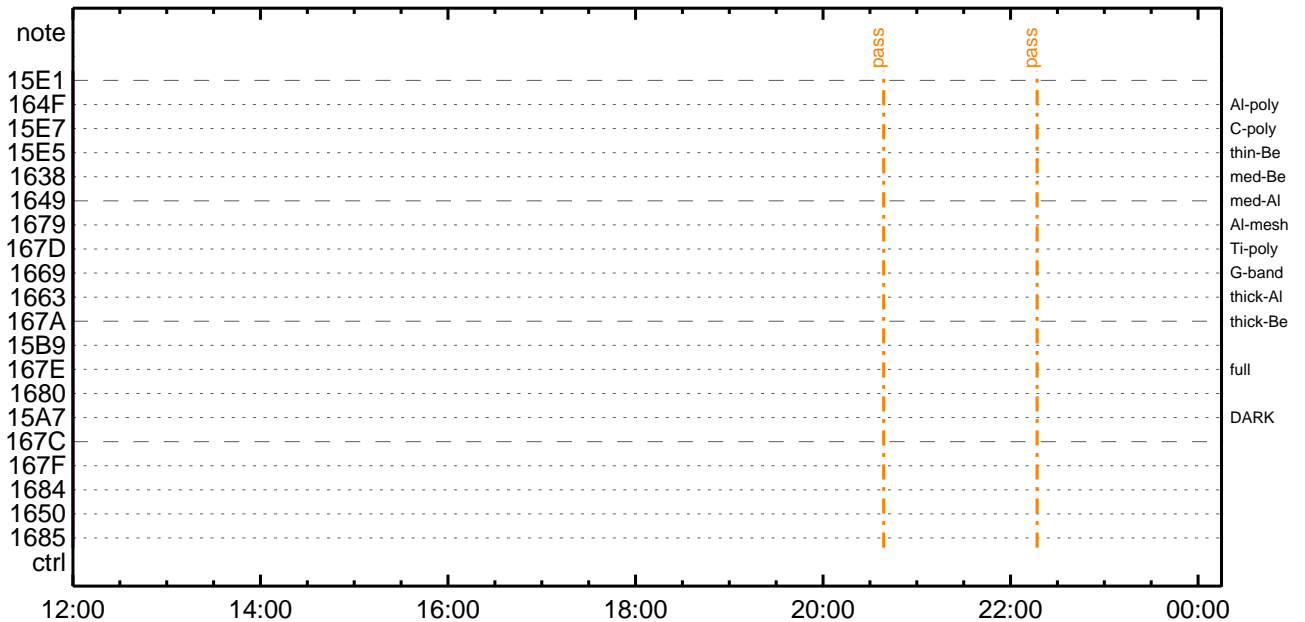
CMDI #0508 2009/04/20



CMDI #0508 2009/04/21



CMDI #0508 2009/04/21




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0096 C.      SET EDUMP I±°iYNY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C.      TIY³YFYYÖYÉaðdÄDİ¿(UT)
0099 +. TI 2009-04-16 09:56:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0102 C.
0103 +. TI 2009-04-16 09:56:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0106 C.
0107 +. TI 2009-04-16 09:56:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0110 C.
0111 +. TI 2009-04-16 10:00:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0114 C.
0115 C.      °Ê²¼aİÄê%îÍÑaİYÁY§YÁY-¹àìÛ
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.      TIİî°èYÁYÖY×
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.      YÁYÖY×½ªİ»að³İÇ§
0142 C.      çç[HK1_DMP_CHK_FLG]        EQ      NON
0143 C.
0144 C.      RAM ID=TI_TBLaİ%Ê¹Ç•ê²İOKað³İÇ§
0145 C.
0146 C.      DHUYâ;¼YÉ;Ê¼Y½;Yì;¼YÈ;Ëaðİáa¹
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 2009-04-16 10:00:16.0
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.
0166 C.      ***** XRT START *****
0167 C.      Execute, after the success of OP upload.
0168 +. TI 2009-04-16 10:00:00.0
0169 DC 07-F0 MDP_XRT_MODE_STBY
0170 BC      (c3)
0171 C.      [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0172 C.
0173 C.      ***** XRT END *****
0174 C.      Stop EIS observation and temporarily disable EIS mode changes
0175 C.
0176 C.
0177 C.      ***** Start EIS operation (TI set) *****
0178 C.      Execute, after the success of OP upload.
0179 C.      Set EIS TI-commands
0180 +. TI 2009-04-16 10:00:30.0
0181 DC 07-FC EIS_MODE_MANU
0182 BC      (21 02)
0183 +. TI 2009-04-16 10:00:40.0
0184 DC 07-FC EIS_MODE_CHG_DIS
0185 BC      (22)
0186 C.      [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0187 C.      ***** End EIS operation (TI set) *****
0188 C.
0189 C.
0190 C.
0191 C.      ***** MDP `üÄîaİ»ö¼YaËÄa¹aèDCBC•x²è *****
0192 C.      (¼a°iYÖYÁYÉYBYYÉYáYçYèaE¼a¼A»Üa¹aé)
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.
```



```
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_ST$1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_MANU
0131 BC (21 02)
0132 . C. Verify EIS in MANUAL mode
0133 . C. Estimated OBSTBL upload time is 27s
0134 C. *****
0135 C. EIS START OBSTBL LOAD
0136 C. *****
0137 . S. RAM ram-820:EIS_OBSTBL
0138 ( )
0139 +. DC 07-FC EIS_DUMP_OBSTBL
0140 BC (07 07 07 00 00 70 00)
0141 C.
0142 C. Execute, after the success of OBSTBL upload.
0143 C. Set EIS TI-commands
0144 +. TI 2009-04-16 10:00:50.0
0145 DC 07-FC EIS_MODE_CHG_ENA
0146 BC (20)
0147 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0148 C. *****
0149 C. EIS END OBSTBL LOAD
0150 C. *****
0151 C.
0152 . C. ***** MDP 'ûÃîñî»ö¼ÝñËÄðñ¹ñèDCBC•x²è *****
0153 C. (¼á°îÝÖÝÄÝËÝÏÝËÝ¼Ýèñ¾¼ñ¼Ä»Ûñ¹è)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** ÝÐÝ¹•î Daily±¿îññÉ'øñ¹ñèDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOSÝÄÝ$ÝÄÝ-¼Ä»Û;ä
0164 C.
0165 . C. ***** LOS *****
0166 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-538 2009-04-16 11:51:19 112 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÁð•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈðÈ¼°ÇÓð•ð¿¼í¹çðÍ;çÀ®, ùð¹ðèððçÁ+¿®ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG ____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 08 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 20 20)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 8c 83 0c 0c)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 85 83 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 04 04)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0f 80 80 04 04)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 10 80 80 10 10)
0054 . C. ----- Success Verify ? OK / NG ____
0055 C.
0056 C.
0057 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0058 C.
0059 +. TI 2009-04-16 10:00:02.0
0060 DC 07-F0 MDP_XRT_MODE_OBSV
0061 BC (c2)
0062 . C. ----- Success Verify ? OK / NG ____
0063 C.
0064 C. ***** XRT END *****
0065 . C. *****
0066 C. SOT table upload
0067 C. *****
0068 . C. < Stop FG table >
0069 +. DC 07-F0 MDP_FG_CTRL_MANU
0070 BC (51)
0071 . C. -----
0072 C. MDP_FG_CTRL_MODE = MANU [ ]
0073 C. -----
0074 C.
0075 . C. <Upload FG Observation Table>
0076 . S. RAM ram-265:MDP_OBS_F
0077 ( )
0078 C.
0079 . C. < Dump RAMID=MDP_OBS_F >
0080 +. DC 07-F0 MDP_DUMP_FGTBL
0081 BC (82 07 00 00 00 38 b8)
0082 C. -----
0083 C. MDP_OBS_F verify = OK/NG [ ]
0084 C. -----
0085 C.
0086 C. *****
0087 C. SOT TI command set
0088 C. *****
0089 C. Execute, after the success of TBL upload.
0090 +. TI 2009-04-16 10:00:18.0
0091 DC 07-F0 MDP_SOT_MODE_OBSV
0092 BC (40)
0093 . C. -----
0094 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0095 C. -----
```

0096 C.
0097 C.
0098 . C. ***** MDP 'úÃîî»õ¼ÝðÈÂð¹ñèDCBC•x²è *****
0099 C. (¾ã°îÏÓÏÄÏÈÏÞÏÉÏáÏçÏè¾¼¾¾»Û¹ñè)
0100 . S. DC-BC dcbc-402:DCBC
0101 (MDP_known_event)
0102 C.
0103 C.
0104 . C. ***** ÿÐÿ¹•î Daily±çîññè´Ø¹ñèDCBC•x²è *****
0105 . S. DC-BC dcbc-153:DCBC
0106 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0107 C.
0108 C.
0109 . C. ;ãLOSÏÁÏ§ÏÏÏ-¼Ä»Û;ä
0110 C.
0111 . C. ***** LOS *****
0112 C.

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*** OP Sequence for XRT ***

2009/04/16	10:11:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/04/16	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/04/16	12:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	53	8d	00	00
2009/04/16	12:00:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2009/04/16	12:00:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/04/16	12:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/16	12:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/16	12:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/16	12:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/16	13:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	13:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/16	14:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	14:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/16	15:02:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	15:13:30.0	XRT_Custom_430_OG [0x1ae]							
2009/04/16	15:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/16	16:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	17:01:00.0	XRT_Custom_430_OG [0x1ae]							
2009/04/16	17:02:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/16	17:50:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	17:50:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/04/16	17:50:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/04/16	17:50:46.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/16	17:50:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/16	17:50:50.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/16	17:53:28.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2009/04/16	17:53:30.0	XRT_CTRL_AUTO_440_OG [0x1b8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/16	18:00:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/04/16	18:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	21:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	21:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/04/16	22:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	40	e5	ca	a8
2009/04/16	22:00:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2009/04/16	22:00:18.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/16	22:00:20.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/16	22:00:22.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/16	22:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/16	22:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/16	23:26:30.0	XRT_Custom_430_OG [0x1ae]							
2009/04/16	23:27:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/17	00:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/17	00:50:30.0	XRT_Custom_430_OG [0x1ae]							
2009/04/17	00:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/17	01:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/17	01:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/04/17	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	53	8d	00	00
2009/04/17	02:00:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]							

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2009/04/17	02:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/04/17	02:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/17	02:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/04/17	02:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/17	02:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	02:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	02:27:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	03:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	04:05:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	05:13:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	05:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	06:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	07:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	07:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	07:29:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2009/04/17	07:30:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00	00
2009/04/17	07:30:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/04/17	07:30:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/17	07:30:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/17	07:32:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2009/04/17	07:33:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	07:40:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00	00
2009/04/17	08:30:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00	00
2009/04/17	08:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2009/04/17	12:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00	00
2009/04/17	12:00:16.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2009/04/17	12:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/04/17	12:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/04/17	12:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/04/17	12:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/04/17	12:03:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	12:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	12:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	13:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	13:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	15:24:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	15:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	15:37:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	15:51:30.0	XRT_Custom_430_OG [0x1ae]					
2009/04/17	15:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	15:54:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	16:00:30.0	XRT_Custom_430_OG [0x1ae]					
2009/04/17	16:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/04/17	17:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/04/17	17:37:30.0	XRT_Custom_430_OG [0x1ae]					
2009/04/17	17:38:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					

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2009/04/17	17:54:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/17	17:54:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/04/17	17:54:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	00	00	00	00
2009/04/17	17:54:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/17	17:54:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/17	17:54:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/17	17:57:28.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2009/04/17	17:57:30.0	XRT_CTRL_AUTO_440_OG [0x1b8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/17	18:04:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	00	00	00	00
2009/04/17	18:41:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/17	21:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/17	21:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/04/17	22:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	40	e5	ca	a8
2009/04/17	22:00:16.0	XRT_QT_PROG_SET_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2009/04/17	22:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/04/17	22:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/17	22:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/17	22:00:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/17	22:28:00.0	XRT_Custom_430_OG [0x1ae]								
2009/04/17	22:29:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/17	23:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/17	23:56:00.0	XRT_Custom_430_OG [0x1ae]								
2009/04/17	23:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/18	01:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	00	00	00	00
2009/04/18	01:00:00.5	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/18	06:04:30.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/18	06:04:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/04/18	06:04:52.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2009/04/18	06:04:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/18	06:04:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/18	06:04:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/18	06:05:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/18	06:27:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/18	06:27:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/04/18	06:27:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	00	00	00	00
2009/04/18	06:27:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/04/18	06:27:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/04/18	06:27:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/18	06:30:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2009/04/18	06:30:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/04/18	06:37:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	00	00	00	00
2009/04/18	07:31:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/18	07:43:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/04/18	07:43:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/04/18	07:43:22.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2009/04/18	07:43:24.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/04/18	07:43:26.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/04/18	07:43:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/04/18	07:43:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/04/18	08:06:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/18	08:30:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
			AOCU_NM	5	02-76	00 00 00 00 00			
2009/04/18	09:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/04/18	10:52:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
			AOCU_NM	5	02-76	00 00 00 00 00			