

XRT Timeline to be uploaded on 2008/12/23

Period: 2008/12/23 11:08:00 - 2008/12/27 09:48:00

* * * * *

Normal mode

* * * * *

XOB #1619: Al/poly (AEC4) + Ti/poly (AEC4) + Thin-Be (AEC4) - 3-min cadence - FOV512 - Q95												
Term	Pointing (x, y)						Comment					
12/23 11:20:02 - 12/23 17:44:00	Track (-338.4, 389.4) ^{@ 12/23 11:18:00}						# OP start + 10min / XBP study					
12/23 18:19:32 - 12/24 05:54:24	Track (786.3, -19.9) ^{@ 12/23 18:17:30}						#EIS CH study					
PROG= 03 Inf.-time(s)												
└─ Subr= 1 1-time(s) 180.0sec												
└─ Seqn= 63 3-time(s) 180.0sec												
└─ Al-poly/Open C-poly/Open close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) Q=95 4 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) Q=95 4 0 2.0sec												
└─ Subr= 2 1-time(s) 8.0sec												
└─ Seqn= 93 2-time(s) 4.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 22.6s Obs 1x1 512x512 (1024, 1024) Q=95 4 0 2.0sec												
└─ Seqn= 10 1-time(s) 4.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Dark 22.6s 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 #1606: Synoptic Q95 2x2 - Al/poly(256/5795) + Dark cal(512 Q98) + Ti-poly(362/11571) + G-band(16)												
Term	Pointing (x, y)						Comment					
12/23 18:09:30 - 12/23 18:17:24	Fixed (0.0, 0.0)						synoptic, shifted 7.5 min					
12/24 17:59:30 - 12/25 05:59:54	Fixed (0.0, 0.0)						synoptic, shifted -2.5 min					
PROG= 19 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 70 1-time(s) 4.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 250ms 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=98 0 0 2.0sec												
└─ Seqn= 57 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Dark 354ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 16 1-time(s) 4.0sec												
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=98 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 #15D7: Synoptic Q95 2x2 - Al/mesh(362/5795) + Dark cal(362 Q98) + Ti-poly(512/11571) + G-band(16)												
Term	Pointing (x, y)						Comment					
12/24 05:56:30 - 12/24 06:04:24	Fixed (0.0, 0.0)						synoptic, shifted -5.5 min					
12/25 06:02:00 - 12/27 09:48:00	Fixed (0.0, 0.0)						synoptic					
PROG= 04 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 29 1-time(s) 4.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 354ms 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= 57 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Dark 354ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Seqn= 4 1-time(s) 4.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms 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 #1615: Al/poly (AEC4) + Ti/poly (AEC4) + Thin-Be (AEC4) - 2-min cadence - FOV384 - Q95												
Term	Pointing (x, y)						Comment					
12/24 06:06:32 - 12/24 17:57:24	Track (-183.5, 392.6) ^{@ 12/24 06:04:30}						#XBP study					
PROG= 02 Inf.-time(s)												
└─ Subr= 1 1-time(s) 120.0sec												
└─ Seqn= 42 3-time(s) 120.0sec												
└─ Al-poly/Open C-poly/Open close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=95 4 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=95 4 0 2.0sec												
└─ Subr= 2 1-time(s) 8.0sec												
└─ Seqn= 99 2-time(s) 4.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 22.6s Obs 1x1 384x384 (1024, 1024) Q=95 4 0 2.0sec												
└─ Seqn= 82 1-time(s) 4.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Dark 22.6s Obs 1x1 384x384 (1024, 1024) DPCM 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

* * * * *

Flare mode

* * * * *

NOT USED

* * * * *

Active Region Search

* * * * *

NOT USED

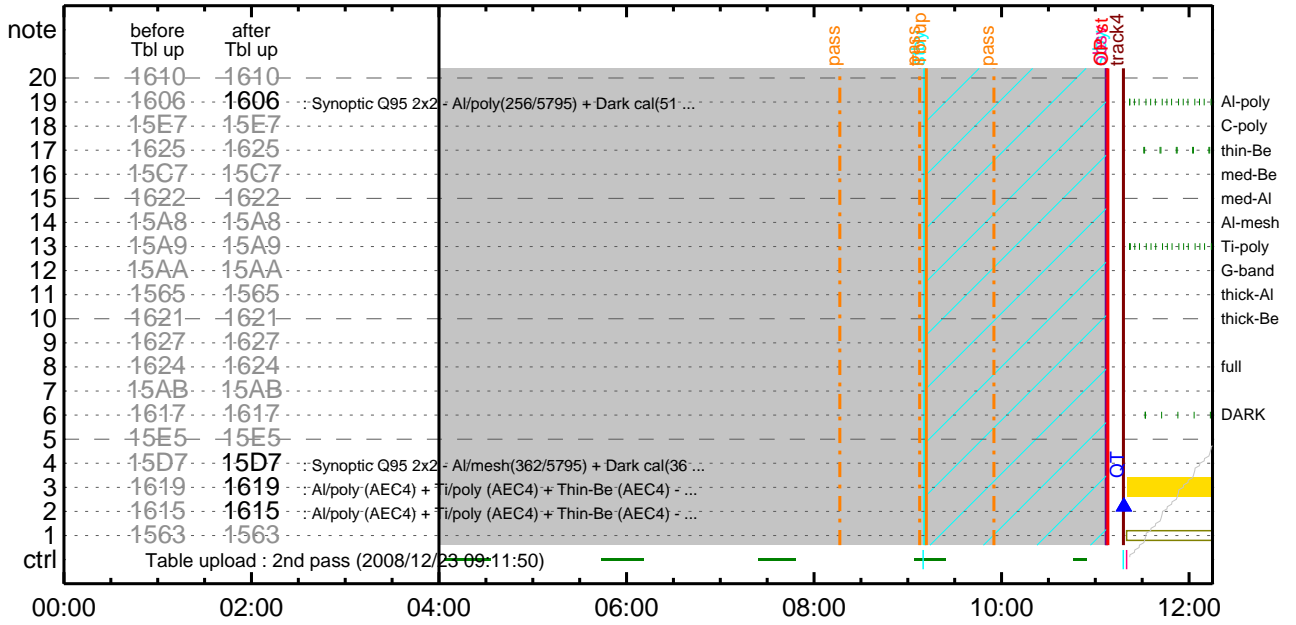
* * * * *

Flare Detection

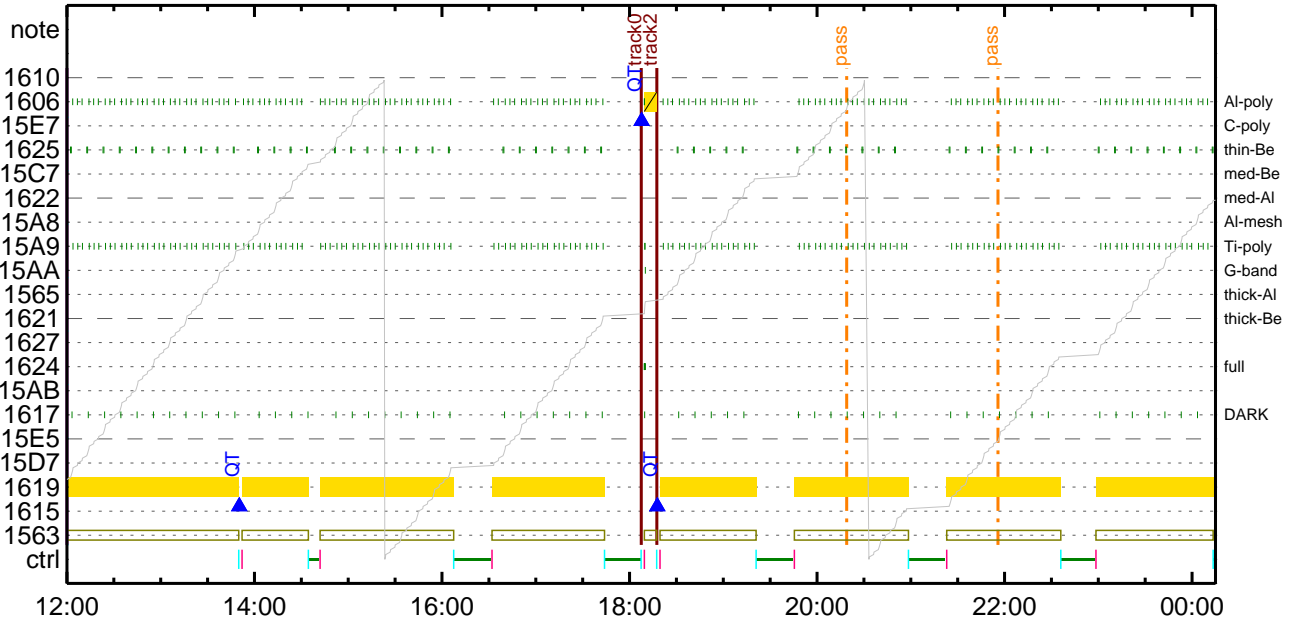
* * * * *

NOT USED

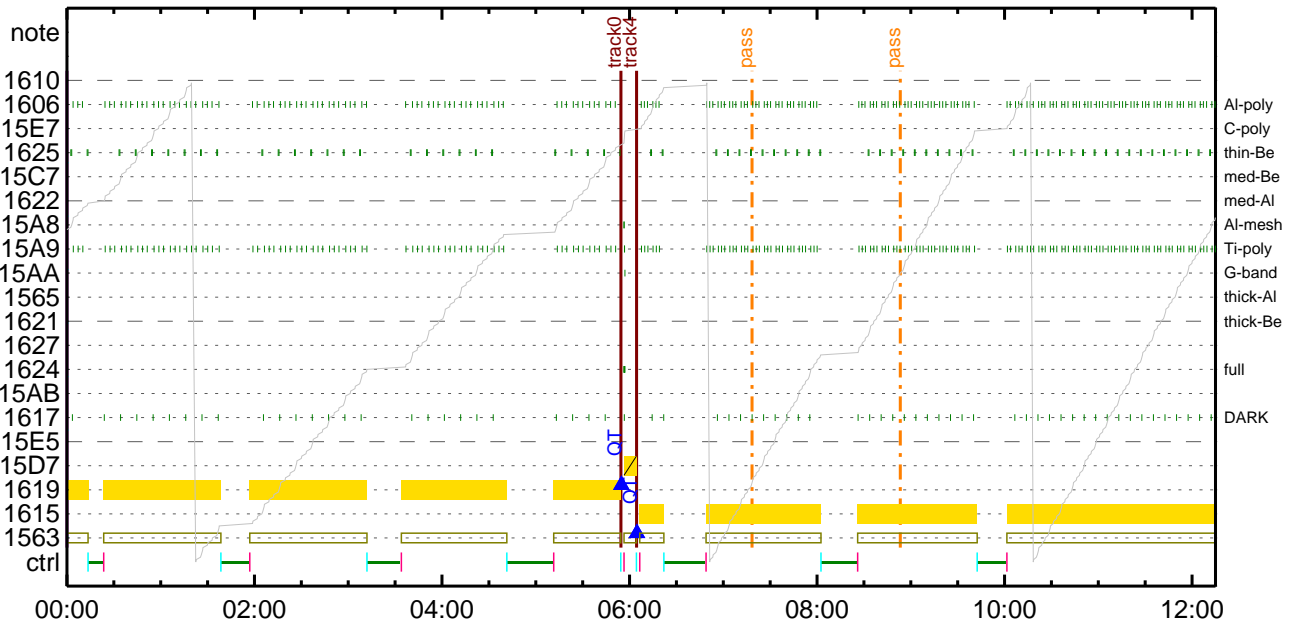
CMDI #0311 2008/12/23



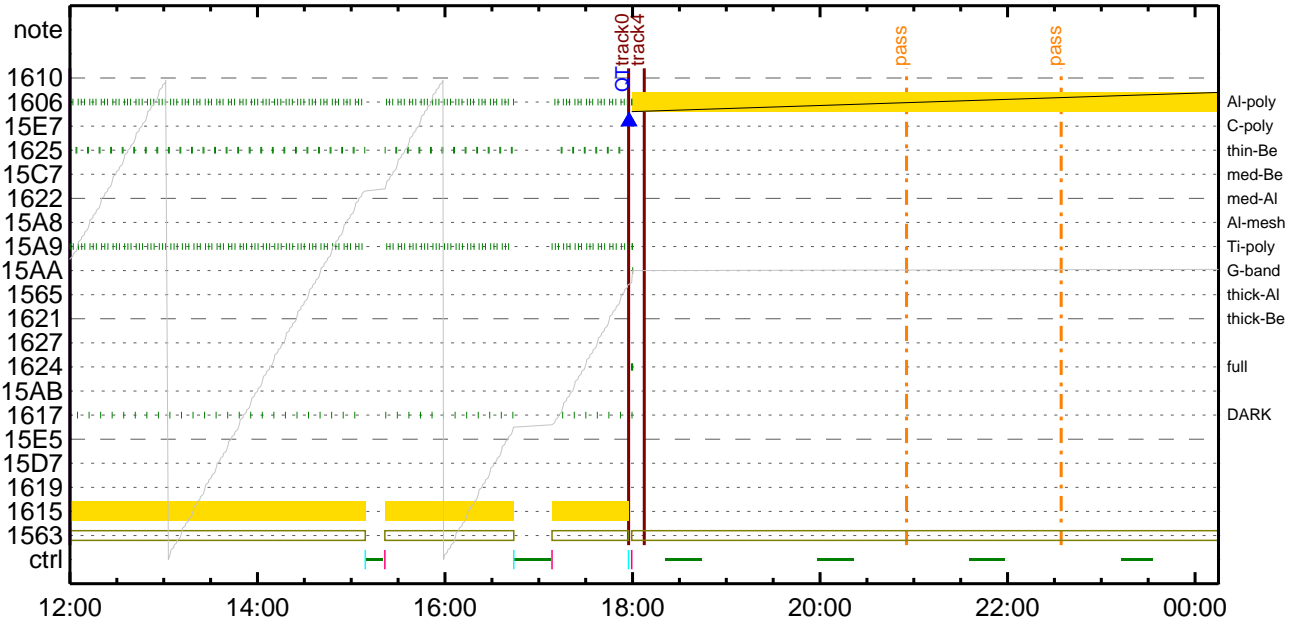
CMDI #0311 2008/12/23



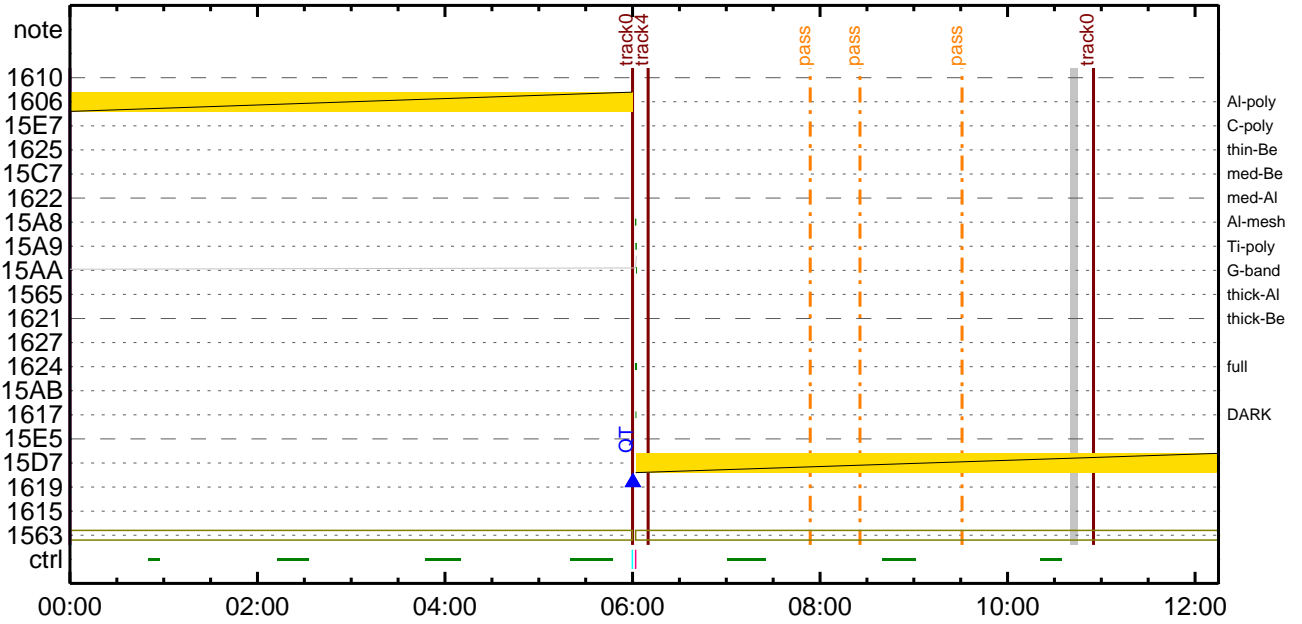
CMDI #0311 2008/12/24



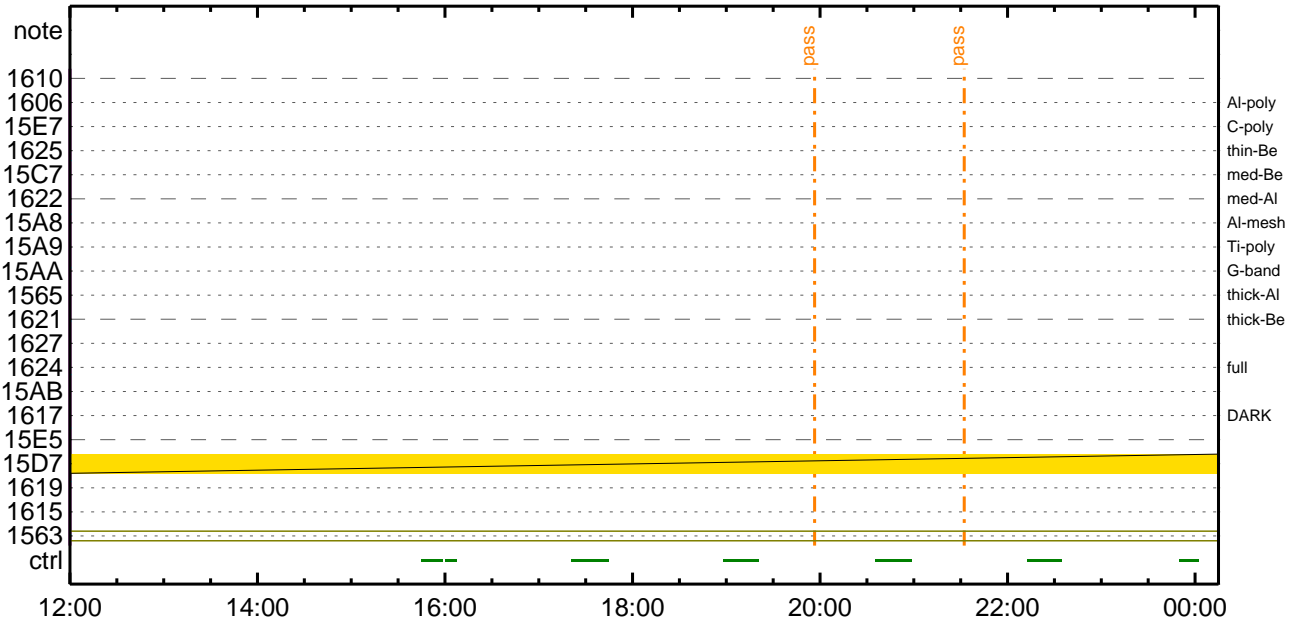
CMDI #0311 2008/12/24



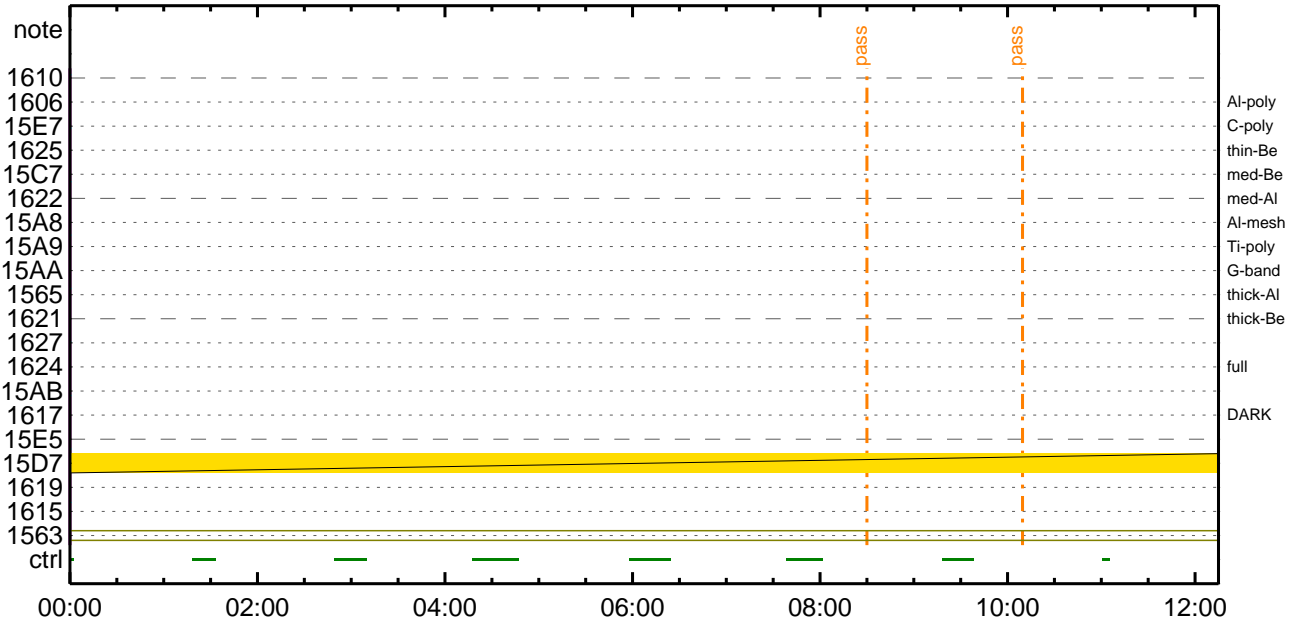
CMDI #0311 2008/12/25



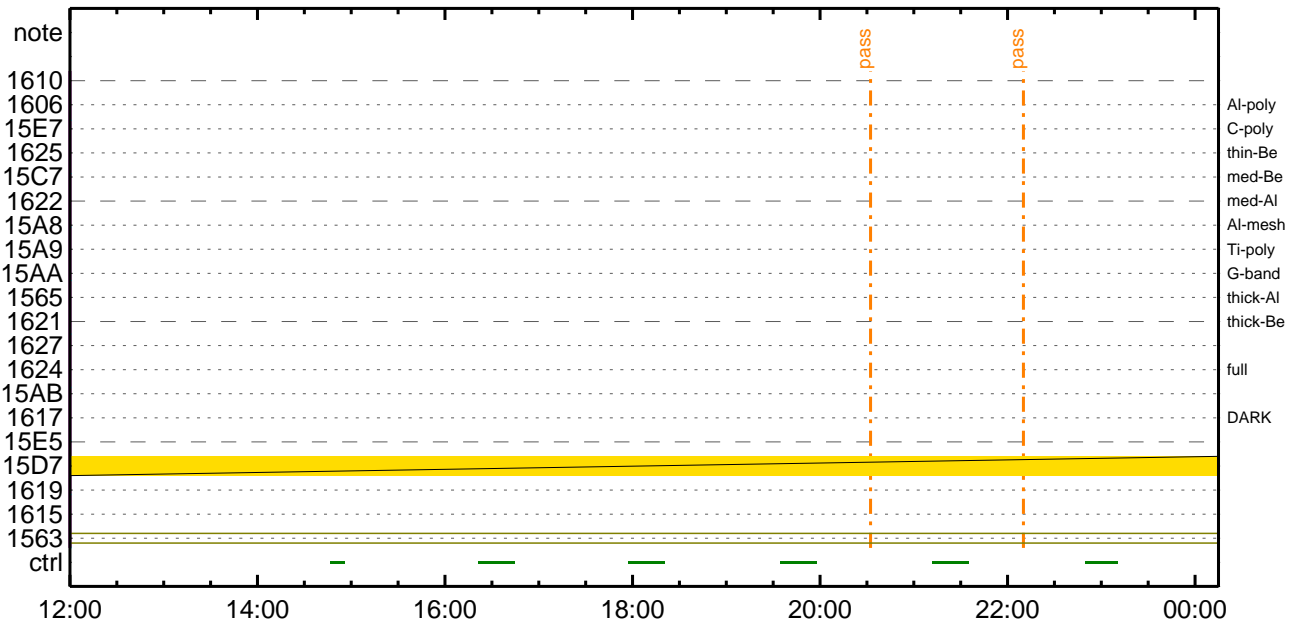
CMDI #0311 2008/12/25



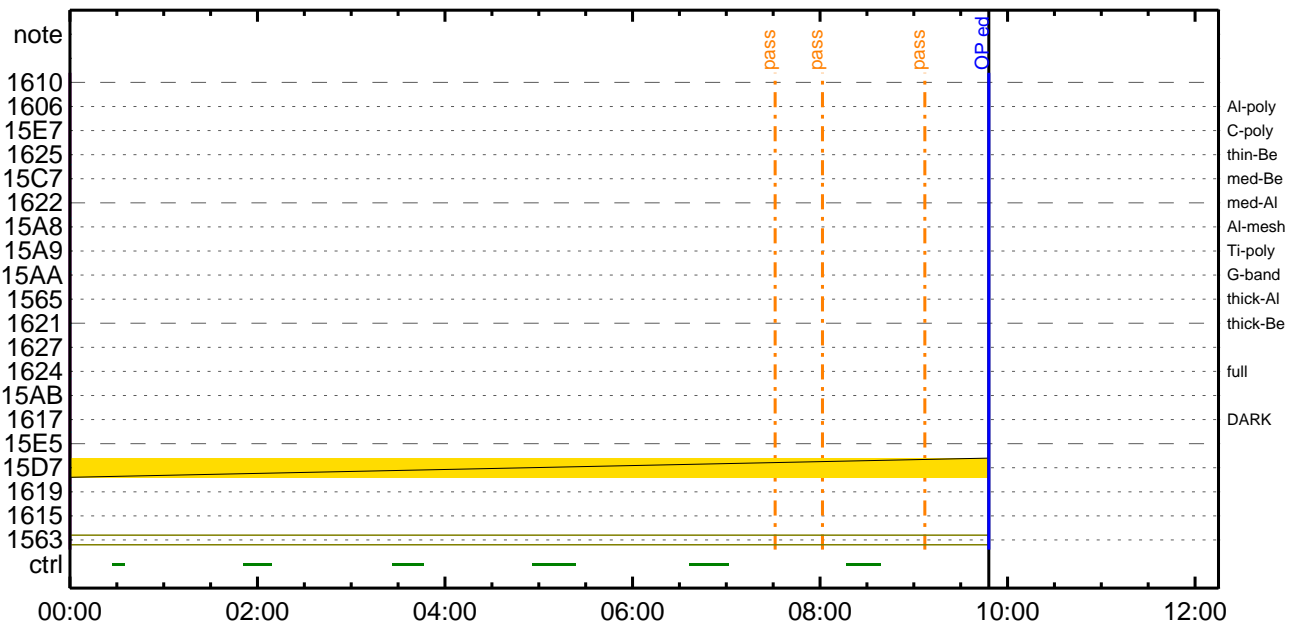
CMDI #0311 2008/12/26



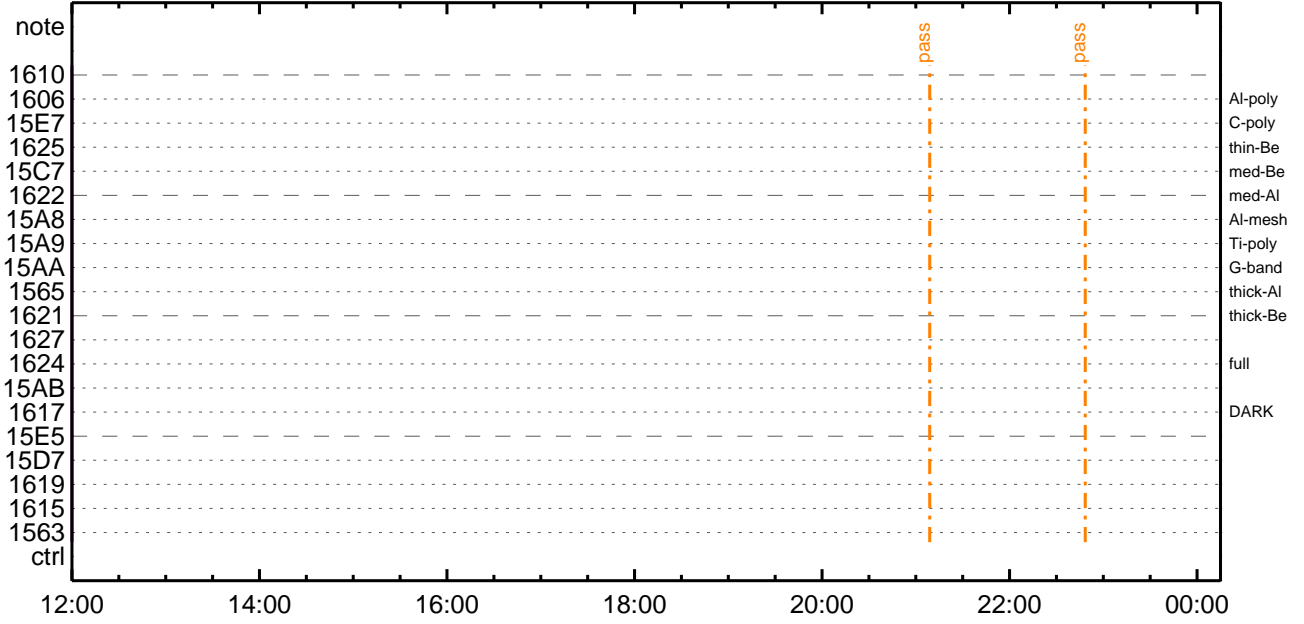
CMDI #0311 2008/12/26



CMDI #0311 2008/12/27



CMDI #0311 2008/12/27



(a) Spacecraft Operation Procedure (real-commands)

```
main-311 2008-12-23 11:27:08 138 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼ÁÛ;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èα¿αÁα•μ°Æ»Í×ÁÇαÍY¿YÁY×Yí;¼YÉ;ÈÈ%μ•íÉ;ÈαÈ¼°ÇÔα•α¿¼í¹¿αÍ;¿Á®, ùα¹αÈαBαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 3538694.3 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_MANU
0056 BC (21 02)
0057 . C. Verify EIS in MANUAL mode
0058 . C. Estimated OBSTBL upload time is 18s
0059 C. *****
0060 C. EIS START OBSTBL LOAD
0061 C. *****
0062 . S. RAM ram-821:EIS_OBSTBL
0063 ( )
0064 +. DC 07-FC EIS_DUMP_OBSTBL
0065 BC (07 07 07 00 00 70 00)
0066 C.
0067 C. Execute, after the success of OBSTBL upload.
0068 C. Set EIS TI-commands
0069 +. TI 2008-12-23 11:07:50.0
0070 DC 07-FC EIS_MODE_CHG_ENA
0071 BC (20)
0072 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0073 C. *****
0074 C. EIS END OBSTBL LOAD
0075 C. *****
0076 C.
0077 C. ***** XRT START *****
0078 C.
0079 +. DC 07-F0 MDP_XRT_CTRL_MANU
0080 BC (c1)
0081 +. DC 07-F0 MDP_XRT_MODE_STBY
0082 BC (c3)
0083 . C. ----- Success Verify ? OK / NG____
0084 C.
0085 C. XRT Obs. Table Upload
0086 . S. RAM ram-291:MDP_OBS_X
0087 ( )
0088 C.
0089 +. DC 07-F0 MDP_DUMP_XRTTBL
0090 BC (84 07 00 00 00 3a d4)
0091 . C. ----- Comparison Check ? OK / ERR ____
0092 C.
0093 C.
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 01 b1 b1 04 04)
```

```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 02 b1 b1 08 08)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 03 b1 b1 08 08)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 04 b1 b1 06 06)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 06 80 80 08 08)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 07 80 80 20 20)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 08 80 80 06 06)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 0f 80 80 04 04)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 10 80 80 10 10)
0112 . C. ----- Success Verify ? OK / NG ____
0113 C.
0114 C.
0115 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0116 C.
0117 +. TI 2008-12-23 11:07:02.0
0118 DC 07-F0 MDP_XRT_MODE_OBSV
0119 BC (c2)
0120 . C. ----- Success Verify ? OK / NG ____
0121 C.
0122 C. ***** XRT END *****
0123 C.
0124 . C. ***** MDP `uãîaî»ö%ÿaëâða¹aëDCBC•x²è *****
0125 C. (%ã°îÿÓÿÃÿÈÿPÿËÿáÿçÿëaÈ%¼aa¼Ã»Ûa¹aè)
0126 . S. DC-BC dcbc-402:DCBC
0127 (MDP_known_event)
0128 C.
0129 C.
0130 . C. ***** ÿDÿ¹·Ï Daily±;îÑaë'Øa¹aëDCBC•x²è *****
0131 . S. DC-BC dcbc-153:DCBC
0132 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0133 C.
0134 C.
0135 . C. ;ãLOSÿÃÿSÿËÿÿ¼Ã»Û;ã
0136 C.
0137 . C. ***** LOS *****
0138 C.
```



```

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-267: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-281: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. < Upload DPL table >
0138 C.
0139 C. ¥çYÃ¥×¥í;¼¥ÉñîÁ°ñÈSTS_CHKñðOFFñÈñ¹ñè
0140 C.
0141 . S. RAM ram-271:MDP_DPL
0142 ( )
0143 C.
0144 . C. < Dump RAMID=MDP_DPL >
0145 +. DC 07-F0 MDP_DUMP_FGTBL
0146 BC (82 07 00 38 b8 00 40)
0147 C. -----
0148 C. MDP_DPL verify = OK [ ]
0149 C. -----
0150 C.
0151 C. STS_CHKñðONñÈñ¹ñè
0152 C.
0153 . C. < Update MDP DSC PAR1 >
0154 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0155 BC (4c)
0156 C. MDP_CMD_CODE = F04C0700[ ]
0157 C. MDP_CMD_CNT (count-up 1) [ ]
0158 C. -----
0159 C.
0160 . C.
0161 C. *****
0162 C. SOT TI command set
0163 C. *****
0164 C. Execute, after the success of TBL upload.
0165 +. TI 2008-12-23 11:07:18.0
0166 DC 07-F0 MDP_SOT_MODE_OBSV
0167 BC (40)
0168 C. -----
0169 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0170 C. -----
0171 C.
0172 C.
0173 C. ***** MDP `úÃîñî»ö¼YñÈÁñ¹ñèDCBC•x²è *****
0174 C. (¼á°îYÓYÃYÈY¥YÈYáYçYèñÈ¼ññ¼Á»Ûñ¹ñè)
0175 . S. DC-BC dcbc-402:DCBC
0176 (MDP_known_event)
0177 C.
0178 C.
0179 . C. ***** YÐY¹•î Daily±¼îññÈ´Øñ¹ñèDCBC•x²è *****
0180 . S. DC-BC dcbc-153:DCBC
0181 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0182 C.
0183 C.
0184 . C. ;ãLOS¥Á¥S¥Ã¥-¼Á»Û;ã
0185 C.
0186 . C. ***** LOS *****
0187 C.

```

Dec 23, 08 11:27

XRT_OGLIST_0311.chk

Page 1/3

*** OP Sequence for XRT ***

2008/12/23	11:17:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	11:17:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/12/23	11:18:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2008/12/23	11:18:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2008/12/23	11:19:54.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2008/12/23	11:19:56.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/23	11:19:58.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/23	11:20:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/23	11:20:02.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	13:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	13:49:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/12/23	13:50:16.0	XRT_QT_PROG_SET_443_OG [0x1bb]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2008/12/23	13:51:54.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2008/12/23	13:51:56.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/23	13:51:58.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/23	13:52:00.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/23	13:52:02.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	14:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	14:41:00.0	XRT_Custom_430_OG [0x1ae]					
2008/12/23	14:42:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	16:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	16:31:00.0	XRT_Custom_430_OG [0x1ae]					
2008/12/23	16:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	17:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	18:07:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	18:07:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/23	18:07:30.0	AOCS_OrE-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2008/12/23	18:07:46.0	XRT_QT_PROG_SET_406_OG [0x196]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2008/12/23	18:07:48.0	XRT_FLD_DIS_419_OG [0x1a3]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/23	18:07:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/23	18:07:52.0	XRT_ARS_DIS_427_OG [0x1ab]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/23	18:09:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	18:17:24.0	XRT_CTRL_MANU_428_OG [0x1ac]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	18:17:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/12/23	18:17:30.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2008/12/23	18:17:46.0	XRT_QT_PROG_SET_443_OG [0x1bb]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2008/12/23	18:19:24.0	XRT_AEC_RESET_415_OG [0x19f]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2008/12/23	18:19:26.0	XRT_ARS_DIS_422_OG [0x1a6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/23	18:19:28.0	XRT_FLD_DIS_445_OG [0x1bd]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/23	18:19:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/23	18:19:32.0	XRT_CTRL_AUTO_403_OG [0x193]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	19:21:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	19:44:30.0	XRT_Custom_430_OG [0x1ae]					
2008/12/23	19:45:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	20:58:30.0	XRT_CTRL_MANU_435_OG [0x1b3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	21:22:00.0	XRT_Custom_430_OG [0x1ae]					
2008/12/23	21:23:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/23	22:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					

Dec 23, 08 11:27

XRT_OGLIST_0311.chk

Page 2/3

2008/12/23	22:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/23	22:58:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	00:13:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	00:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	00:23:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	01:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	01:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	01:57:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	03:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	03:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	03:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	04:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	05:10:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	05:11:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	05:54:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	05:54:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	05:54:30.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/24	05:54:46.0	XRT_QT_PROG_SET_413_OG [0x19d]	AOCU_NM	5	02-76	00 00 00 00 00		
2008/12/24	05:54:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2008/12/24	05:54:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/24	05:54:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/24	05:56:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/24	06:04:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	06:04:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	06:04:30.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2008/12/24	06:04:46.0	XRT_QT_PROG_SET_414_OG [0x19e]	AOCU_NM	5	02-76	04 00 00 00 00		
2008/12/24	06:06:24.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2008/12/24	06:06:26.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2008/12/24	06:06:28.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/24	06:06:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/24	06:06:32.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/24	06:22:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	06:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	06:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	08:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	08:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	08:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	09:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	10:00:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	10:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	15:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	15:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	15:21:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	16:44:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	17:07:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	17:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
2008/12/24	17:57:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/24	17:57:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/24	17:57:30.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/24	17:57:46.0	XRT_QT_PROG_SET_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00		
2008/12/24	17:57:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
			MDP_XRT_FLD_DIS	1	07-F0	d9		

Dec 23, 08 11:27

XRT_OGLIST_0311.chk

Page 3/3

2008/12/24	17:57:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/24	17:57:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/24	17:59:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/24	18:07:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2008/12/25	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/25	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/25	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/12/25	06:00:16.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2008/12/25	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/25	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/25	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/25	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/25	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2008/12/25	10:55:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				