

XRT Timeline to be uploaded on 2009/08/11

Period: 2009/08/11 10:42:00 - 2009/08/15 10:12:00

* * * * *

Normal mode

* * * * *

XOB #16F1: HOP 126 (Ti/poly fov256x256 exp23s 60s-cadence)												
Term	Pointing (x, y)	Comment										
08/11 10:50:00 - 08/11 11:59:54	Fixed (,)											
08/12 08:09:00 - 08/12 12:00:00	Track (0.0, -0.1) @ 08/12 08:00:00	HOP 126 (SST)										
08/13 06:17:00 - 08/13 08:14:00	Track (-16.2, 0.1) @ 08/13 06:14:00	# tracking with #4										
08/13 08:46:30 - 08/13 11:41:30	Track (0.0, 0.0) @ 08/13 08:00:00	HOP 126 (SST)										
PROG= 20 Inf.-time(s)												
└─ Subr= 1 1-time(s) 52.5sec												
└─ Seqn= 74 1-time(s) 4.0sec												
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	22.6s	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	

XOB #16F5: CH Jets - C/poly - 23s exp - FOV512												
Term	Pointing (x, y)	Comment										
08/11 12:28:00 - 08/11 17:00:30	Fixed (0.0, 930.0)	# OP start (10:52) / Keep previous tracking #3 until 12:00 / North pole (EIS/XRT)										
PROG= 07 Inf.-time(s)												
└─ Subr= 1 1-time(s) 32.0sec												
└─ Seqn= 57 1-time(s) 2.0sec												
C-poly/Open	C-poly/Open	close	Safe	Norm	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 #16D9: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) +Ti-poly(723/11571) + G-band(1												
Term	Pointing (x, y)	Comment										
08/11 18:02:00 - 08/11 18:08:54	Fixed (0.0, 0.0)	synoptic, shifted -1.0 min										
08/12 18:21:30 - 08/12 19:16:30	Fixed (0.0, 0.0)	synoptic, shifted 18.5 min										
PROG= 01 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= 85 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
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	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 #16F6: CH Jets - C/poly - 23s exp - FOV384												
Term	Pointing (x, y)	Comment										
08/11 18:12:00 - 08/11 20:00:00	Fixed (0.0, 930.0)	North pole (EIS/XRT)										
PROG= 14 Inf.-time(s)												
└─ Subr= 1 1-time(s) 32.0sec												
└─ Seqn= 96 1-time(s) 2.0sec												
C-poly/Open	C-poly/Open	close	Safe	Norm	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	

XOB #16EA: HOP128 AR-dynamics -384x384 - Al/poly (AEC1)												
Term	Pointing (x, y)	Comment										
08/12 00:03:00 - 08/12 02:46:30	Track (0.0, 0.1) @ 08/12 00:00:00	HOP 128 (Hida)										
08/13 00:03:00 - 08/13 02:30:00	Track (0.0, 5.0) @ 08/13 00:00:00	HOP 128 (Hida)										
PROG= 10 Inf.-time(s)												
└─ Subr= 1 1-time(s) 30.0sec												
└─ Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	DPCM	1	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #16D8: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) +Ti-poly(723/11571) + G-band(1												
Term	Pointing (x, y)	Comment										
08/12 05:31:30 - 08/12 05:55:30	Fixed (0.0, 0.0)	synoptic, shifted -31.5 min										
08/13 06:07:00 - 08/13 06:13:54	Fixed (0.0, 0.0)	synoptic, shifted 4.0 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= 85			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
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	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 #16F4: Full Sun 9 Filter- 2x2 Q98 Longer exp

Term	Pointing (x, y)	Comment
08/12 19:56:10 - 08/12 20:55:00	Fixed (0.0, 0.0)	synoptic, shifted 18.5 min

PROG= 15 Inf.-time(s)

Subr= 1			1-time(s)			180.0sec						
Seqn= 39			1-time(s)			30.0sec						
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 19			1-time(s)			30.0sec						
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 6			1-time(s)			30.0sec						
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	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= 52			1-time(s)			30.0sec						
C-poly/Open	C-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
C-poly/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 90			1-time(s)			30.0sec						
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 55			1-time(s)			30.0sec						
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 2			1-time(s)			360.0sec						
Seqn= 20			1-time(s)			4.0sec						
med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 45			1-time(s)			4.0sec						
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 50			1-time(s)			4.0sec						
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 92			1-time(s)			4.0sec						
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	

* * * * *

Flare mode

* * * * *

NOT USED

* * * * *

Active Region Search

* * * * *

NOT USED

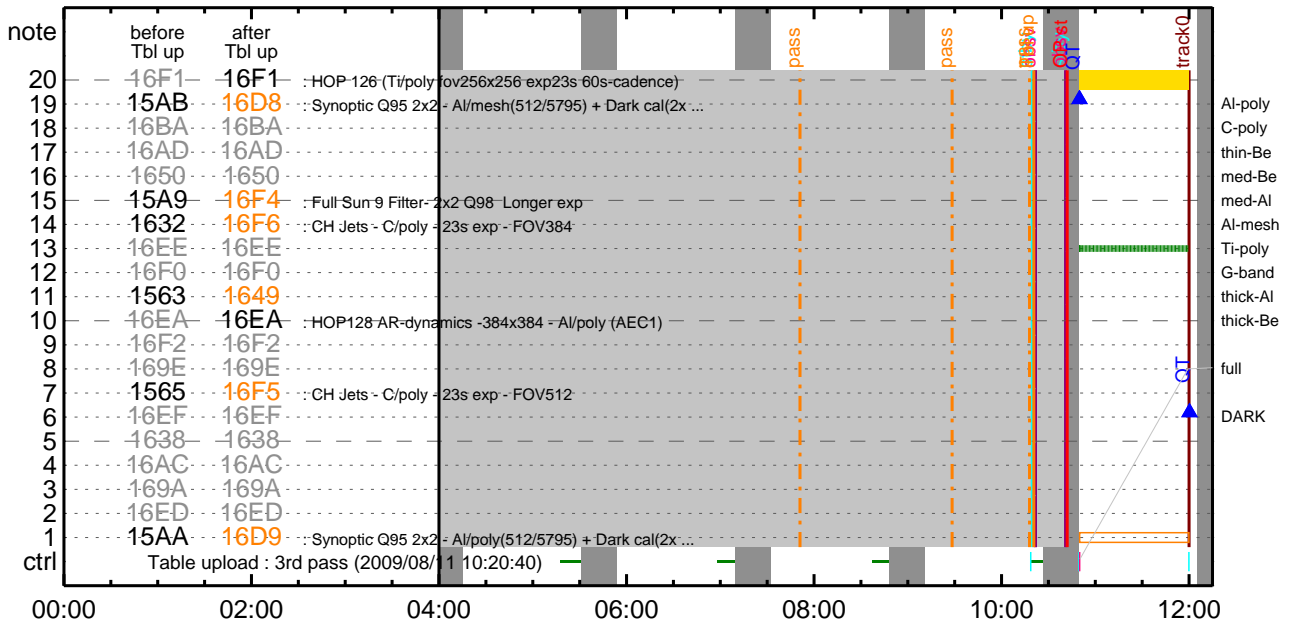
* * * * *

Flare Detection

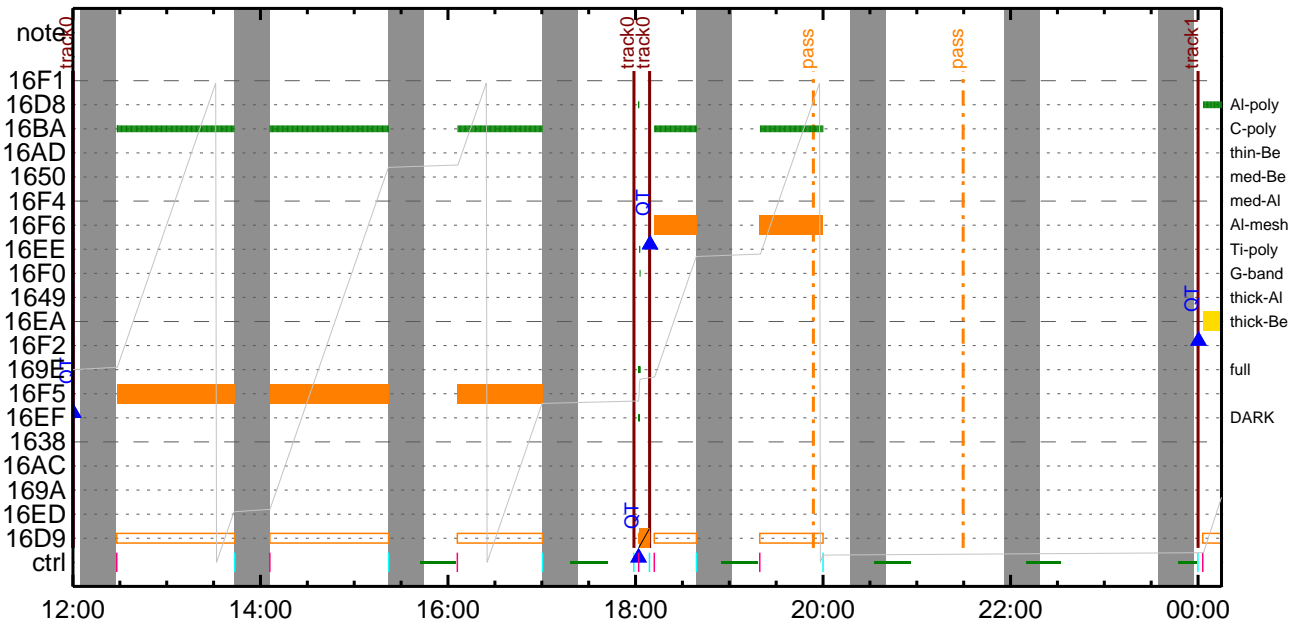
* * * * *

NOT USED

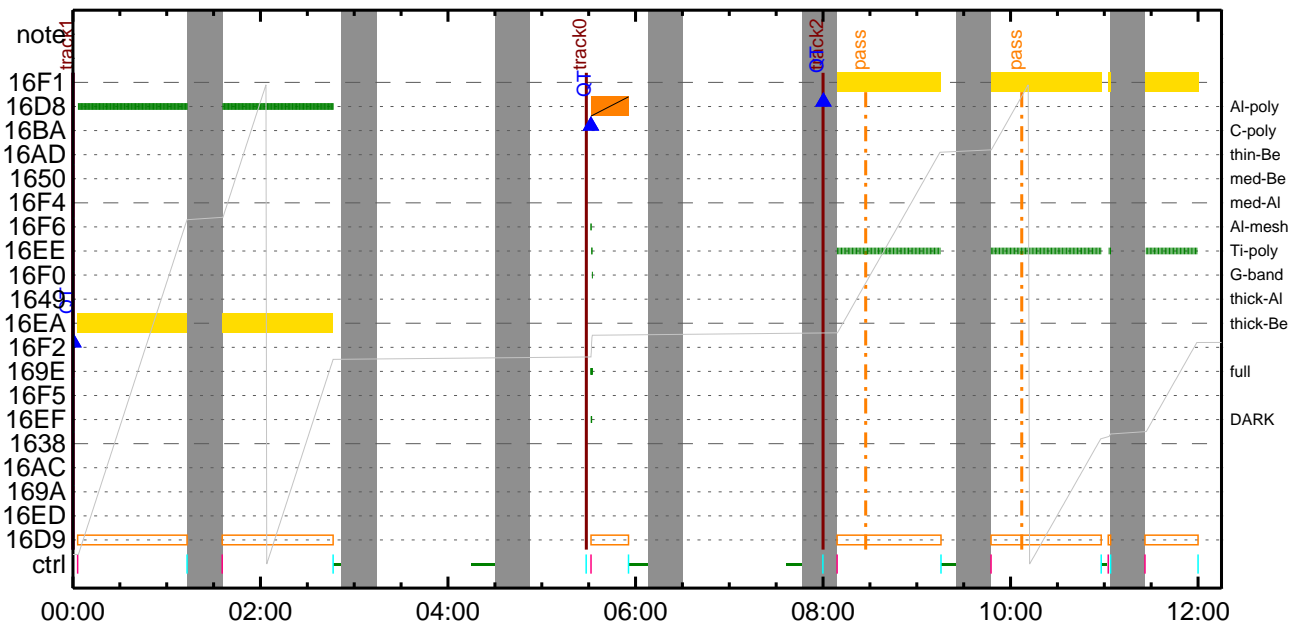
CMDI #0734 2009/08/11



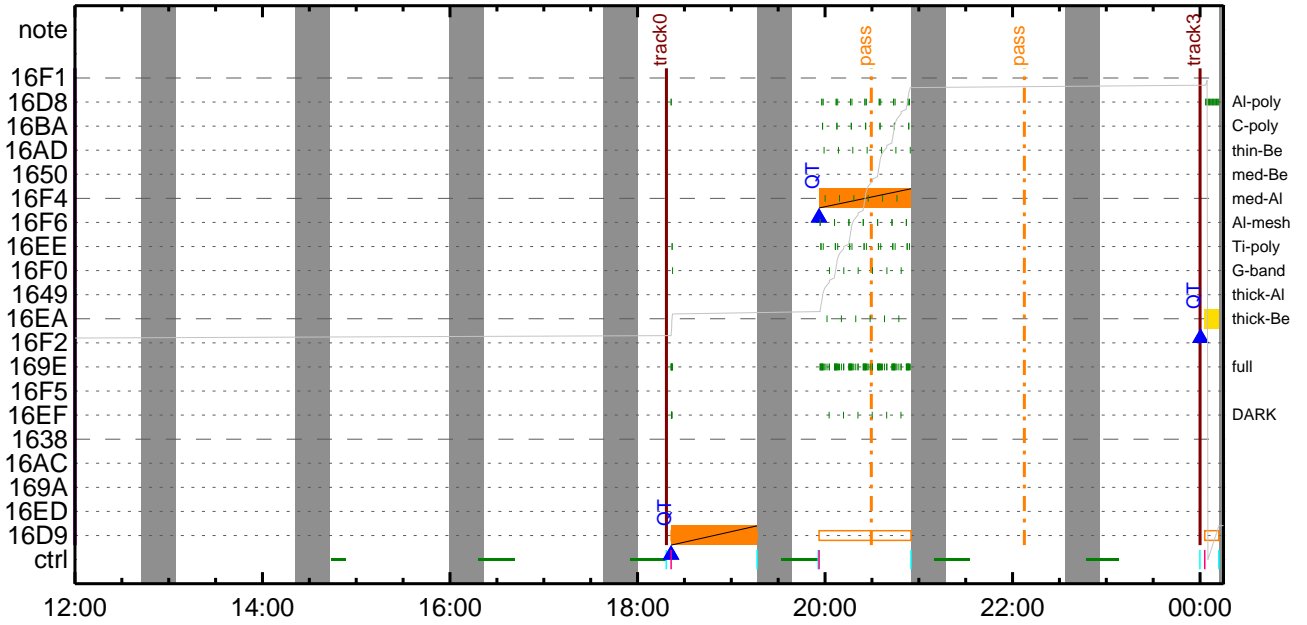
CMDI #0734 2009/08/11



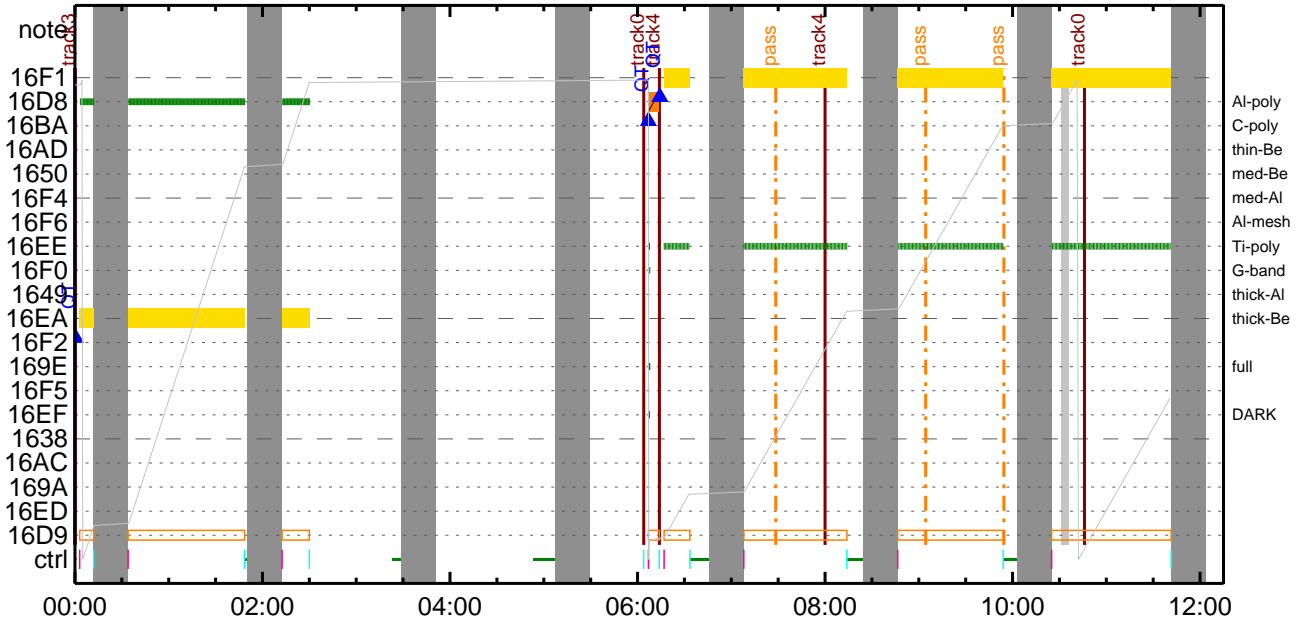
CMDI #0734 2009/08/12



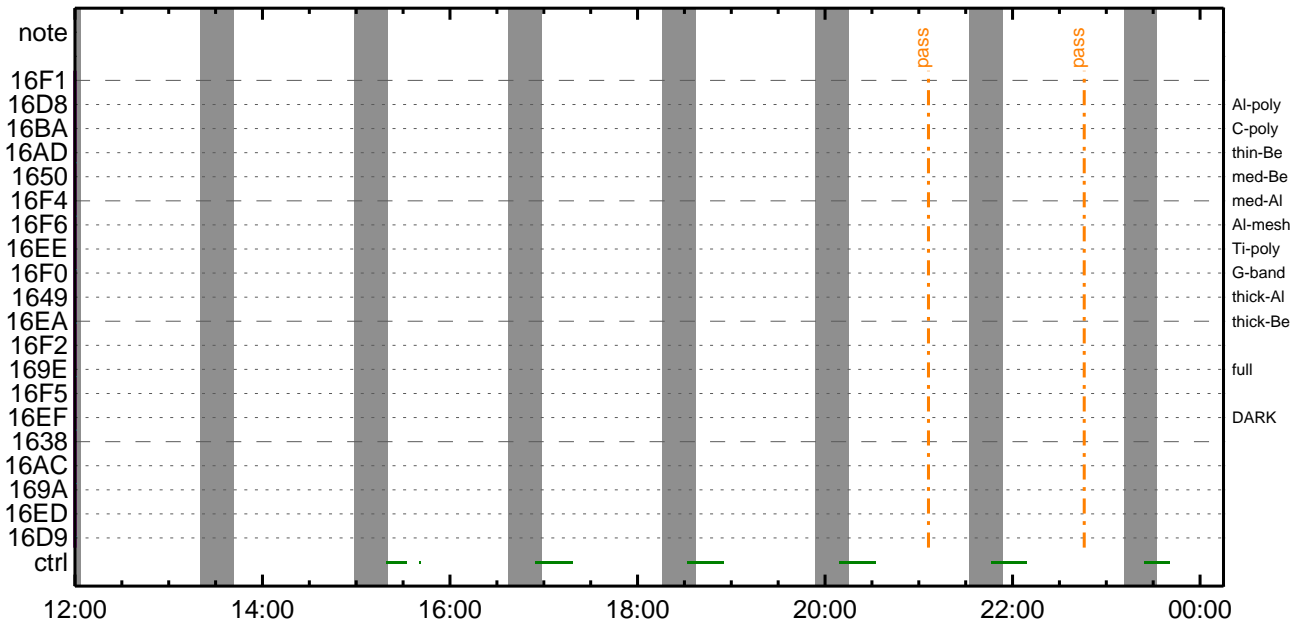
CMDI #0734 2009/08/12



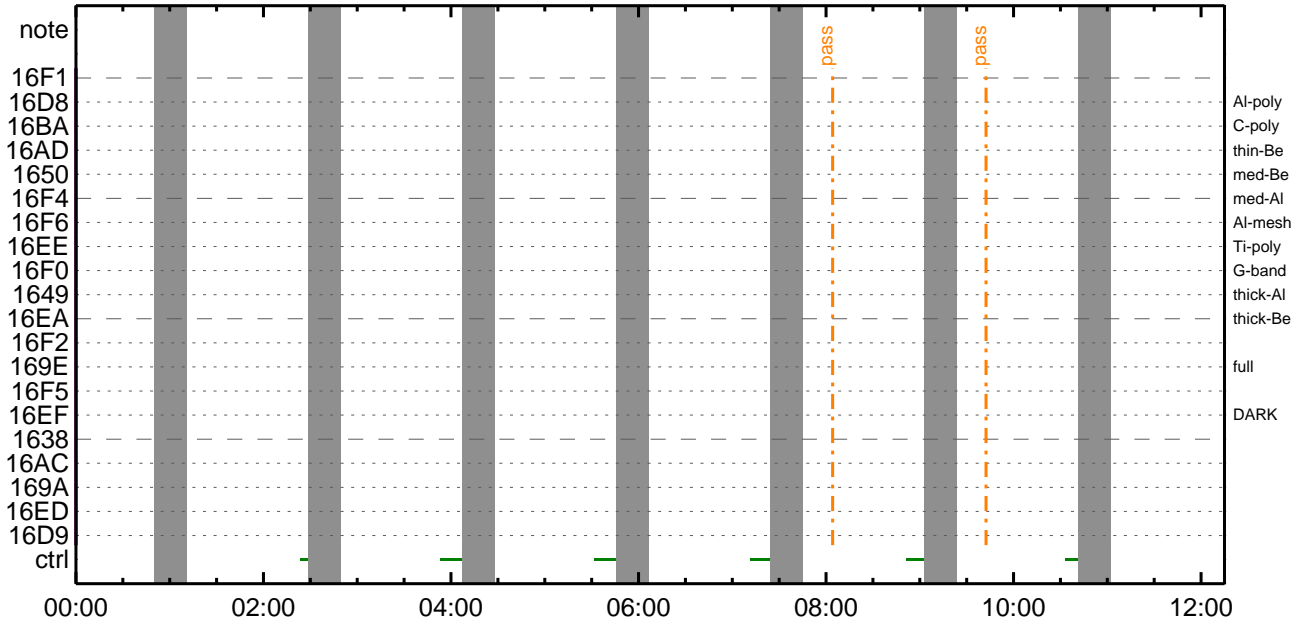
CMDI #0734 2009/08/13



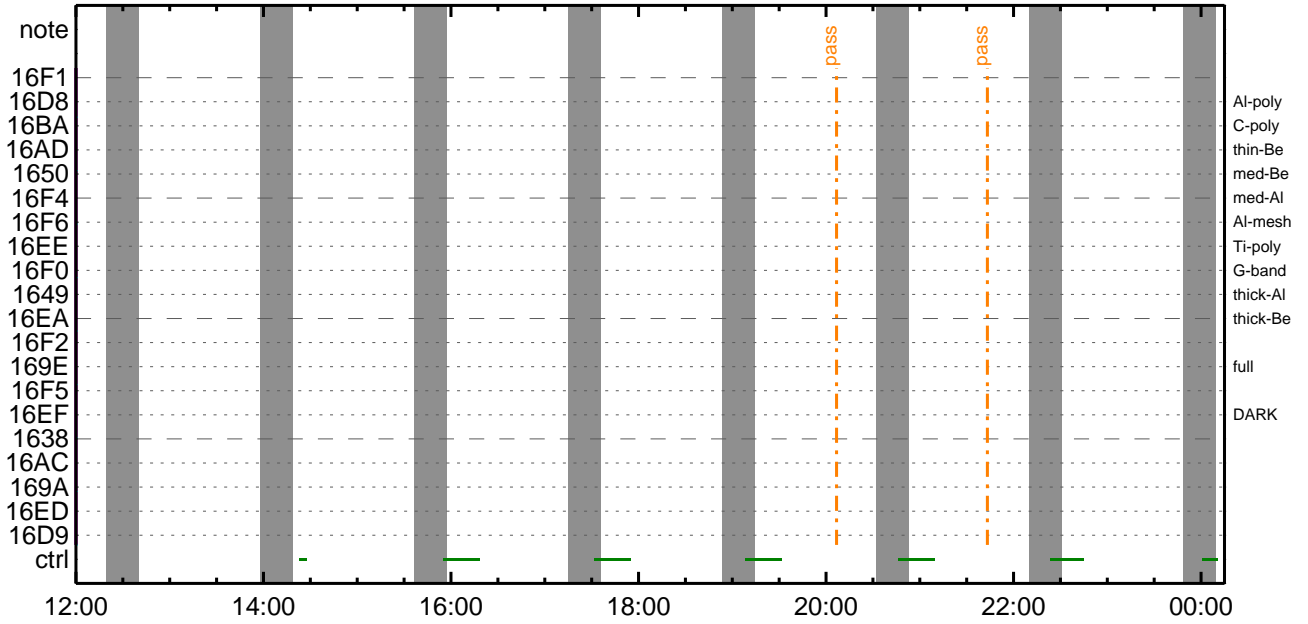
CMDI #0734 2009/08/13



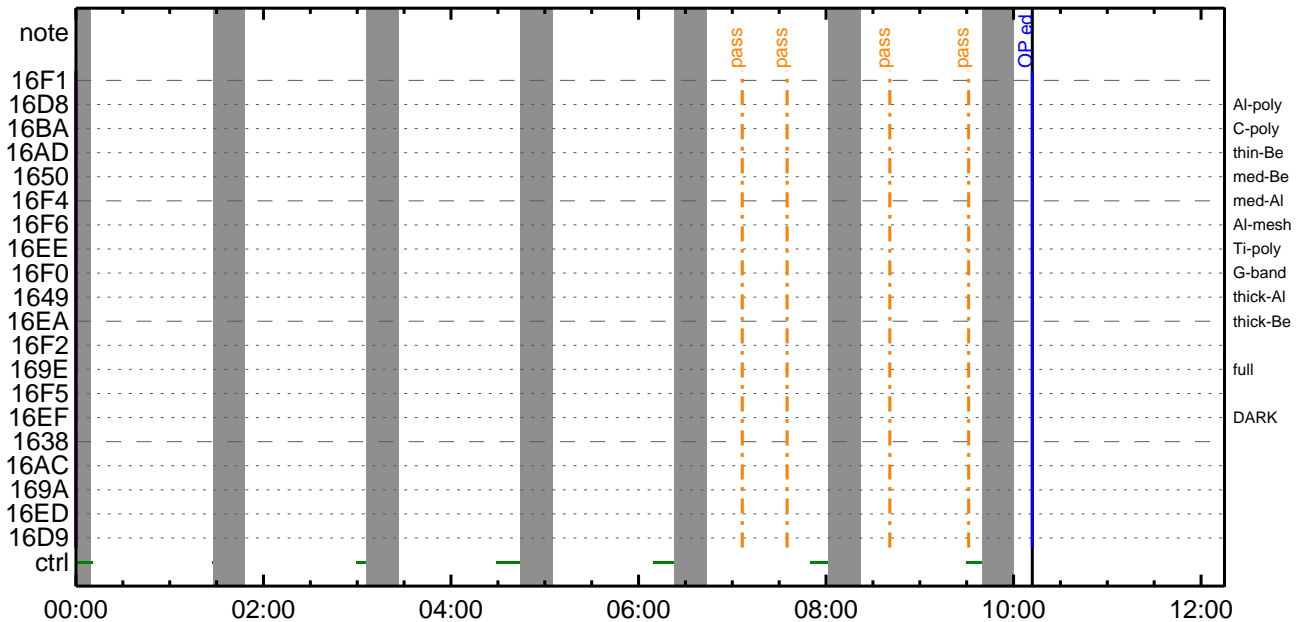
CMDI #0734 2009/08/14



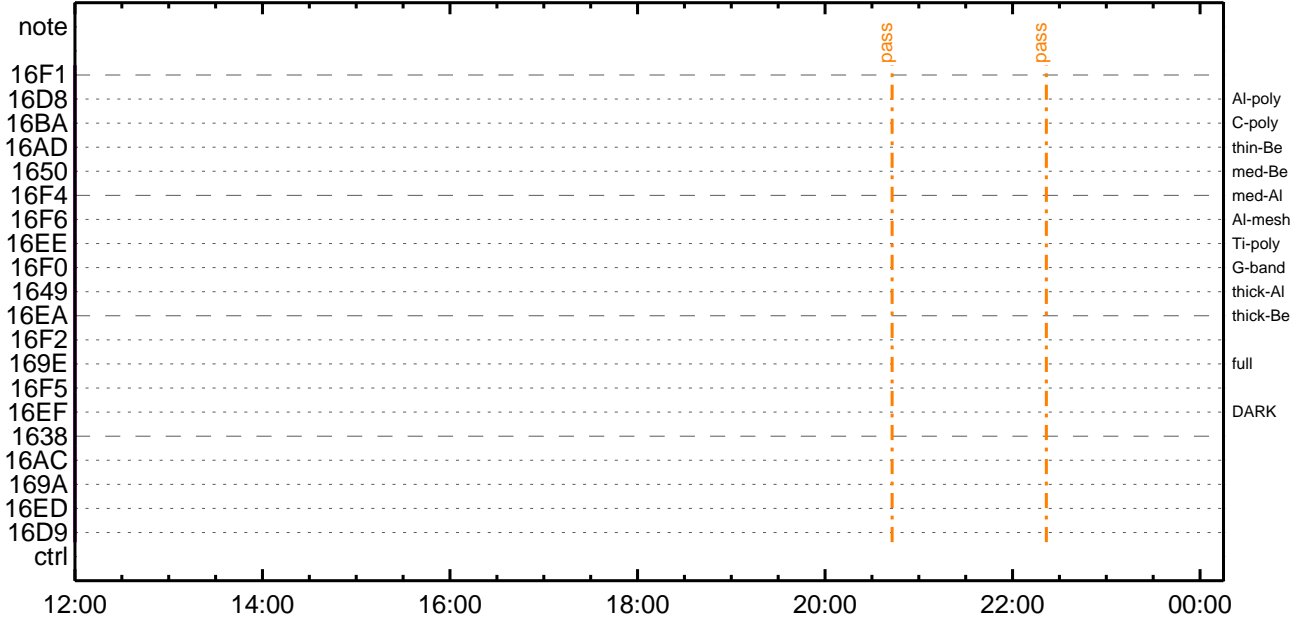
CMDI #0734 2009/08/14



CMDI #0734 2009/08/15



CMDI #0734 2009/08/15




```
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. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 + DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 6763221.1 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_MANU
0140 BC (21 02)
0141 . C. Verify EIS in MANUAL mode
0142 . C. Estimated OBSTBL upload time is 38s
0143 C. *****
0144 C. EIS START OBSTBL LOAD
0145 C. *****
0146 . S. RAM ram-820:EIS_OBSTBL
0147 ( )
0148 +. DC 07-FC EIS_DUMP_OBSTBL
0149 BC (07 07 07 00 00 70 00)
0150 C.
0151 C. Execute, after the success of OBSTBL upload.
0152 C. Set EIS TI-commands
0153 +. TI 2009-08-11 10:41:50.0
0154 DC 07-FC EIS_MODE_CHG_ENA
0155 BC (20)
0156 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0157 C. *****
0158 C. EIS END OBSTBL LOAD
0159 C. *****
0160 C. *****
0161 C. * AOCs EÜ%Ê/EÜ±ç¥¿¥±¥PÄSÄê *
0162 C. *****
0163 C.
0164 C. *****
0165 . C. * 1. EÜ%Ê/EÜ±ç¥¿¥±¥PÄI³IÇS *
0166 C. *****
0167 C.
0168 +. DC 02-50 AOCU_TLM_MNV
0169 BC (60)
0170 . C. çç <ORB>[TLM STS] MOD EQ MNV
0171 . C. çç <ORB>[S/W TIMER] NGT_S EQ 370.0 +- 0.02 (deg)
0172 . C. çç <ORB>[S/W TIMER] NGT_E EQ -10.0 +- 0.02 (deg)
0173 C.
0174 C.
0175 C.
0176 C. <<< 1.1 ¥¿¥±¥PÄI°Ü%I»b%èÄÖ >>>
0177 C. <<< %åµ-TLM±-Ap%ioE%i¹çoi [2.EÜ%ÊEÜ±çE%ÄE¥¿¥±¥PÄSÄê] a0¿Êaóçcaèaa >>>
0178 C. <<< %åµ-TLM³IÇS±E±ENG±I%i¹çoi;ç°E²%±ICMDÄ±¿@±o¹Ö±|±³±è >>>
0179 C.
0180 . C. ***** TLM Format No±ö1±E±±±è (256Kbps) *****
0181 +. DC 01-22 DHU_MODE_CHNG
0182 BC (01 0b fb)
0183 C. çç <STs1>[TLM STS] FMT EQ 1
0184 C.
0185 C.
0186 C.
0187 . C. ***** ND¥¿¥±¥PÄ' EÜ%ÊÄSÄê *****
0188 +. DC 02-50 AOCU_TLM_SW-PRM
0189 BC (65 03)
0190 + DC 02-53 AOCU_NIGHT_START_S/W
0191 BC (56 f9 99)
0192 + DC 02-53 AOCU_NIGHT_END_S/W
0193 BC (57 06 66)
```



```

0096 C.
0097 C. XRT Obs. Table Upload
0098 . S. RAM ram-291:MDP_OBS_X
0099 ( )
0100 C.
0101 +. DC 07-F0 MDP_DUMP_XRTTBL
0102 BC (84 07 00 00 00 3a d4)
0103 . C. ----- Comparison Check ? OK / ERR ____
0104 C.
0105 C.
0106 +. DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 01 b1 b1 04 04)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 02 b1 b1 08 08)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 03 b1 b1 08 08)
0112 + DC 07-F0 MDP_XRT_ROI_SET
0113 BC (cd 04 b1 b1 06 06)
0114 + DC 07-F0 MDP_XRT_ROI_SET
0115 BC (cd 06 80 80 04 04)
0116 + DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 07 80 80 08 08)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 08 80 80 20 20)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 09 80 80 20 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 0a 80 80 08 20)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 0b 80 80 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 0f 80 80 04 04)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 10 80 80 10 10)
0130 . C. ----- Success Verify ? OK / NG ____
0131 C.
0132 C.
0133 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0134 C.
0135 +. DC 07-F0 MDP_XRT_MODE_OBSV
0136 BC (c2)
0137 +. TI 2009-08-11 10:41:02.0
0138 DC 07-F0 MDP_XRT_MODE_OBSV
0139 BC (c2)
0140 . C. ----- Success Verify ? OK / NG ____
0141 C.
0142 C. ***** XRT END *****
0143 C.
0144 . C. ***** MDP `úÃîï»ö%ÝðËÄð¹ñèDCBC•x²è *****
0145 C. (%á°îÿÓÿÃÿÈÿPÿËÿáÿçÿèñÈ%¼ññ¼Ã»Ûñ¹ñè)
0146 . S. DC-BC dcbc-402:DCBC
0147 (MDP_known_event)
0148 C.
0149 C.
0150 . C. ***** ÿDÿ¹•Ï Daily±¿Íññè´Øñ¹ñèDCBC•x²è *****
0151 . S. DC-BC dcbc-153:DCBC
0152 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0153 C.
0154 C.
0155 . C. ;ãLOSÿÁÿ$ÿÃÿ-¼Ã»Û;ã
0156 C.
0157 . C. ***** LOS *****
0158 C.

```

Aug 11, 09 13:48

XRT_OGLIST_0734.chk

Page 1/3

*** OP Sequence for XRT ***

2009/08/11	10:49:30.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	10:49:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/11	10:49:52.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2009/08/11	10:49:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/11	10:49:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/11	10:49:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/11	10:50:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/11	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/11	12:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 ad 59 00 00				
2009/08/11	12:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/08/11	12:27:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/11	12:27:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/11	12:27:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/11	12:28:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/11	13:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	14:06:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/11	15:22:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	16:05:00.0	XRT_Custom_430_OG [0x1ae]							
2009/08/11	16:06:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/11	17:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	17:58:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	17:58:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/08/11	17:59:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/08/11	17:59:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/11	17:59:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/11	17:59:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/11	18:01:58.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2009/08/11	18:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/11	18:08:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	18:08:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/11	18:09:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 ad 59 00 00				
2009/08/11	18:09:16.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2009/08/11	18:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/11	18:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/08/11	18:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/08/11	18:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/11	18:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	19:18:30.0	XRT_Custom_430_OG [0x1ae]							
2009/08/11	19:19:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/08/11	20:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	23:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/08/11	23:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/08/12	00:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2009/08/12	00:00:16.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2009/08/12	00:02:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/08/12	00:02:56.0	XRT_FLD_DIS_445_OG [0x1bd]							

Aug 11, 09 13:48

XRT_OGLIST_0734.chk

Page 2/3

2009/08/12	00:02:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9	
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/12	00:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	01:13:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	01:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	02:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	05:28:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	05:28:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/08/12	05:28:30.5	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/08/12	05:28:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/08/12	05:28:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/12	05:28:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/08/12	05:31:28.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2009/08/12	05:31:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	05:55:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	07:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	07:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/08/12	08:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	02 00 00 00 00	
2009/08/12	08:00:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2009/08/12	08:08:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/08/12	08:08:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/08/12	08:08:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/12	08:09:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	09:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	09:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	10:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	11:01:30.0	XRT_Custom_430_OG [0x1ae]					
2009/08/12	11:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	11:04:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	11:26:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	12:00:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	18:18:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	18:18:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/08/12	18:18:30.5	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/08/12	18:18:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/08/12	18:18:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/12	18:18:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/08/12	18:21:28.0	XRT_QT_PROG_SET_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2009/08/12	18:21:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	19:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	19:55:40.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	19:55:42.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/08/12	19:56:02.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/08/12	19:56:04.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/12	19:56:06.0	XRT_ARS_DIS_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/08/12	19:56:08.0	XRT_QT_PROG_SET_411_OG [0x19b]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2009/08/12	19:56:10.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/12	20:55:00.0	XRT_CTRL_MANU_435_OG [0x1b3]					

Aug 11, 09 13:48

XRT_OGLIST_0734.chk

Page 3/3

2009/08/12	23:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/12	23:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	00:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/08/13	00:00:16.0	XRT_QT_PROG_SET_406_OG [0x196]	AOCU_NM	5	02-76	03 00 00 00 00	
2009/08/13	00:02:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2009/08/13	00:02:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/08/13	00:02:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/08/13	00:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/13	00:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	00:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	01:48:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	02:12:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	02:30:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	06:03:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	06:03:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	06:04:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2009/08/13	06:04:16.0	XRT_FLD_DIS_419_OG [0x1a3]	AOCU_NM	5	02-76	00 00 00 00 00	
2009/08/13	06:04:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/08/13	06:04:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/13	06:06:58.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/08/13	06:07:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2009/08/13	06:13:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	06:13:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	06:14:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/08/13	06:14:16.0	XRT_QT_PROG_SET_420_OG [0x1a4]	AOCU_NM	5	02-76	04 00 00 00 00	
2009/08/13	06:16:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2009/08/13	06:16:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/08/13	06:16:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/08/13	06:17:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/08/13	06:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	07:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	08:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	08:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	AOCU_NM	5	02-76	04 00 00 00 00	
2009/08/13	08:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	09:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	10:25:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/08/13	10:46:00.0	AOCS_Ore-point_Start_2_OG [0x098]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/08/13	11:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	AOCU_NM	5	02-76	00 00 00 00 00	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	