

XRT Timeline to be uploaded on 2009/06/18

Period: 2009/06/18 10:25:00 - 2009/06/23 10:01:00

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Normal mode

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XOB #16C7: Al/mesh- 384x384 - 1x1- 20sec - Ti poly - 10 min - Dark + G-band - 30min																					
Term		Pointing (x, y)				Comment															
06/18 10:38:02 - 06/18 17:47:30		Fixed (-900.0, 0.0)				# OP start + 10min; alfven wave obs. near E-limb															
06/19 10:03:02 - 06/19 18:00:54		Fixed (-900.0, 0.0)				Alfven wave obs. near E-limb															
PROG= 15 Inf.-time(s)																					
└─ Subr= 1 3-time(s) 2.0sec																					
└─ Seqn= 56 30-time(s) 20.0sec																					
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 11.3s Obs 1x1 384x384 (1024, 1024) Q=92 0 0 2.0sec																					
└─ Seqn= 53 1-time(s) 4.0sec																					
└─ Open/Ti-poly Open/thick-Al close Safe Norm 22.6s Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec																					
└─ Subr= 2 1-time(s) 2.0sec																					
└─ Seqn= 64 1-time(s) 4.0sec																					
└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec																					
└─ Seqn= 43 1-time(s) 4.0sec																					
└─ Open/Al-mesh Open/G-band close Safe Dark 4.00s Obs 1x1 384x384 (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 #166D: Synoptic Q95 2x2 - Al/poly(181/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(256/4096) + G-band(16)																					
Term		Pointing (x, y)				Comment															
06/18 18:33:00 - 06/18 18:39:54		Fixed (0.0, 0.0)				synoptic															
06/19 18:04:00 - 06/19 18:10:54		Fixed (0.0, 0.0)				synoptic, shifted 1.0 min															
PROG= 11 1-time(s)																					
└─ Subr= 1 1-time(s) 12.0sec																					
└─ Seqn= 14 1-time(s) 4.0sec																					
└─ Al-poly/Open Al-poly/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec																					
└─ Al-poly/Open Al-poly/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 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= 21 1-time(s) 4.0sec																					
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec																					
└─ Open/Ti-poly Open/Ti-poly close Safe Norm 4.00s 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 #16C5: AR monitor - 3FOV core_Q85 around_outre_Q92 - draft																					
Term		Pointing (x, y)				Comment															
06/18 20:08:00 - 06/19 05:59:54		Track (-640.8, 283.8) @ 06/18 18:40:00				E-limb bright region															
06/19 06:13:02 - 06/19 09:59:54		Track (-568.2, 281.5) @ 06/19 06:10:00				E-limb bright region															
06/19 18:14:02 - 06/19 21:42:00		Track (-485.0, 279.2) @ 06/19 18:11:00				E-limb bright region															
06/20 03:07:30 - 06/20 07:09:54		Track (-419.8, 277.6) @ 06/20 03:00:00				E-limb bright region															
PROG= 02 Inf.-time(s)																					
└─ Subr= 1 1-time(s) 2.0sec																					
└─ Seqn= 81 1-time(s) 4.0sec																					
└─ Open/G-band Open/G-band open Safe Norm 44ms Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec																					
└─ Open/Ti-poly Open/Ti-poly close Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec																					
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 768x768 (1024, 1024) Q=98 0 0 2.0sec																					
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 1024x1024 (1024, 1024) Q=98 0 0 2.0sec																					
└─ Subr= 2 30-time(s) 2.0sec																					
└─ Seqn= 70 2-time(s) 60.0sec																					
└─ Open/Ti-poly Open/thick-Al close Safe Norm 707ms Obs 1x1 384x384 (1024, 1024) Q=85 3 0 2.0sec																					
└─ thin-Be/Open med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1024, 1024) Q=85 3 0 2.0sec																					
└─ Seqn= 79 1-time(s) 4.0sec																					
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 354ms Obs 2x2 768x768 (1024, 1024) Q=92 2 0 2.0sec																					
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 2x2 768x768 (1024, 1024) Q=92 2 0 2.0sec																					
└─ thin-Be/Open med-Be/Open close Safe Norm 5.66s Obs 2x2 768x768 (1024, 1024) Q=92 2 0 2.0sec																					
└─ Seqn= 32 1-time(s) 4.0sec																					
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 125ms Obs 4x4 1024x1024 (1024, 1024) Q=92 2 0 2.0sec																					
└─ Open/Ti-poly Open/thick-Al close Safe Norm 177ms Obs 4x4 1024x1024 (1024, 1024) Q=92 2 0 2.0sec																					
Default Filter		Thicker Filter		VLS		mode		image		Exp.		CCD Bin		ROI: size (center)		Comp.		AEC Buffer		Interval	

XOB #16BA: Synoptic Q95 2x2 - Al/mesh(256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Ti-poly(181/2048) + G-band(16)												
Term		Pointing (x, y)				Comment						
06/19 06:03:00 - 06/19 06:09:54		Fixed (0.0, 0.0)				synoptic						
06/20 07:13:00 - 06/20 07:23:30		Fixed (0.0, 0.0)				synoptic						
PROG= 01 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 18 1-time(s) 4.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												

Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	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= 68 1-time(s) 4.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	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	

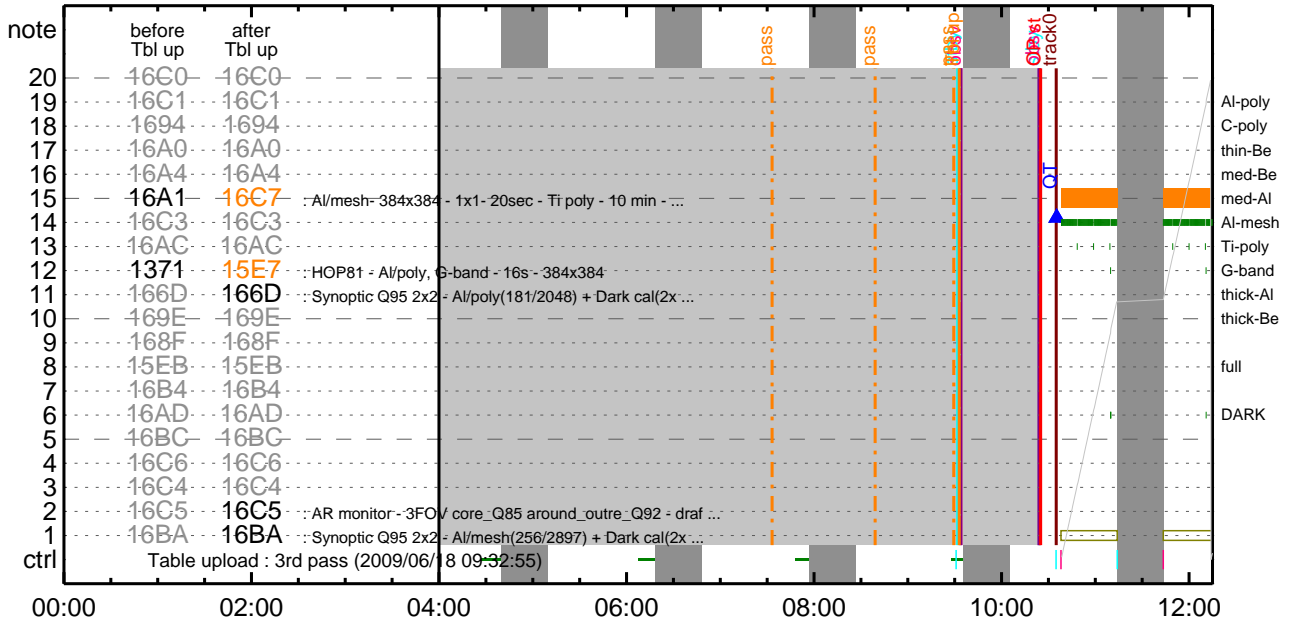
XOB #15E7: HOP81 - Al/poly, G-band - 16s - 384x384													
Term	Pointing (x, y)		Comment										
06/19 22:21:30 - 06/20 02:35:00	Track (35.3, 894.6)	@ 06/19 22:00:00	Jet obs. at N-pole									
PROG= 12 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 1 1-time(s) 2.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
Subr= 2 1-time(s) 2.0sec													
Seqn= 99 60-time(s) 30.0sec													
Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	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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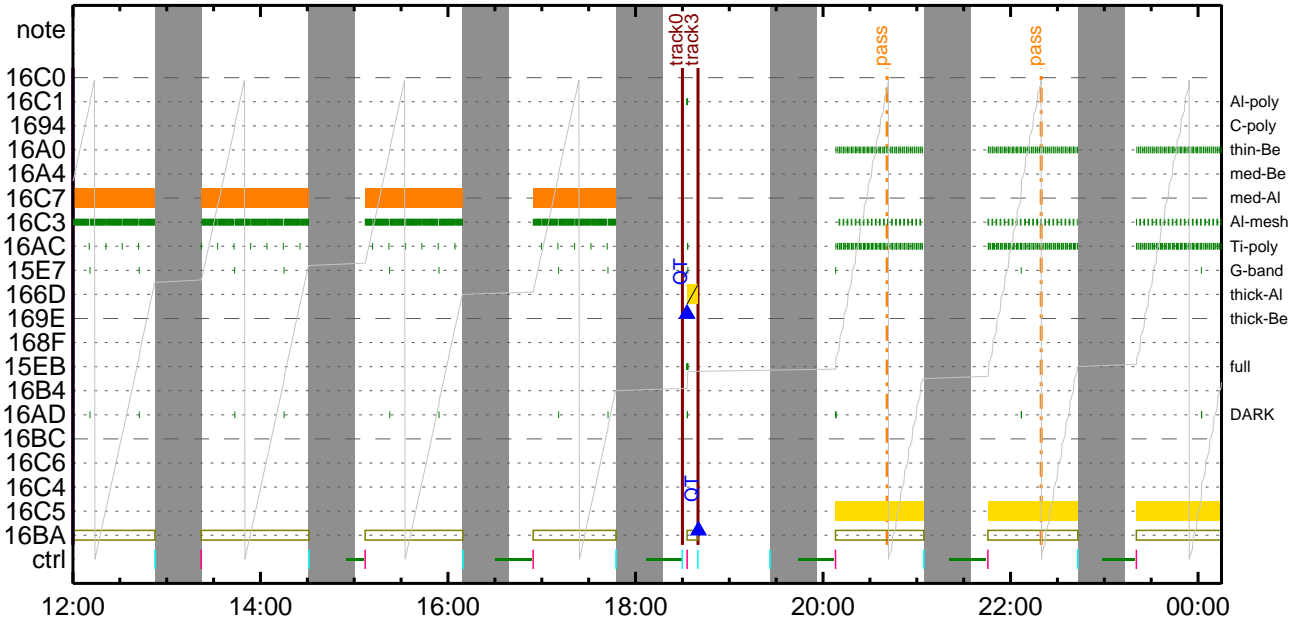
* * * * *
                                Flare mode                                * * * * *
                                NOT USED
* * * * *
                                Active Region Search                        * * * * *
                                NOT USED
* * * * *
                                Flare Detection                            * * * * *
                                NOT USED

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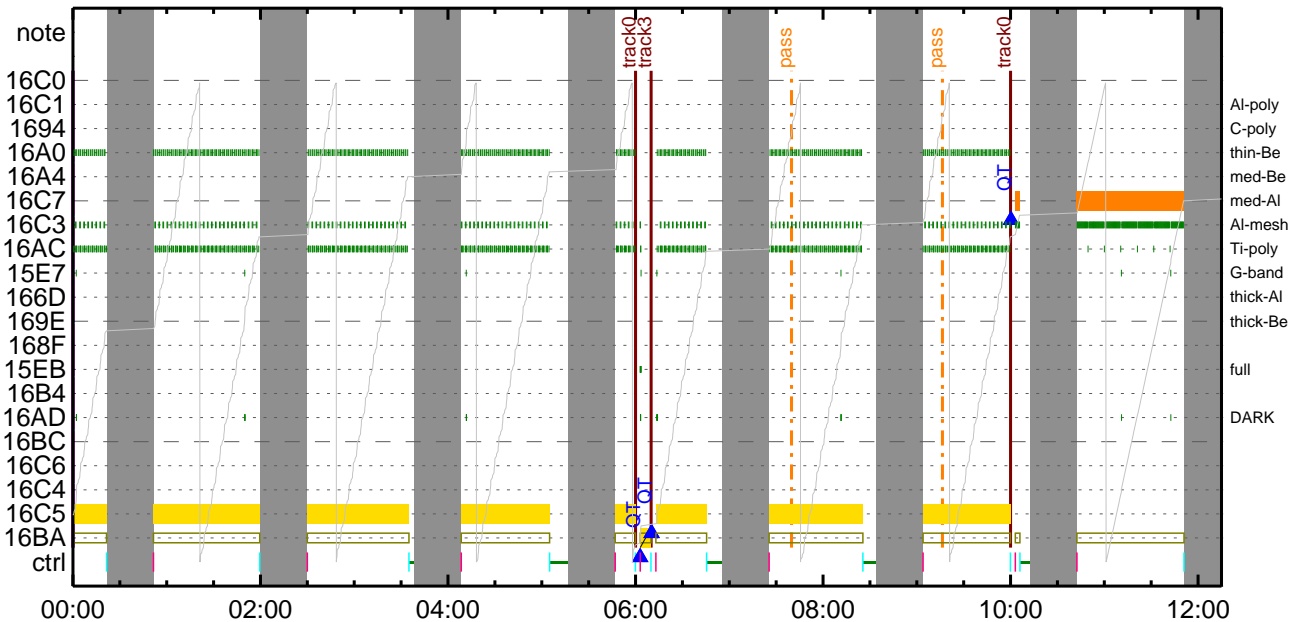
CMDI #0624 2009/06/18



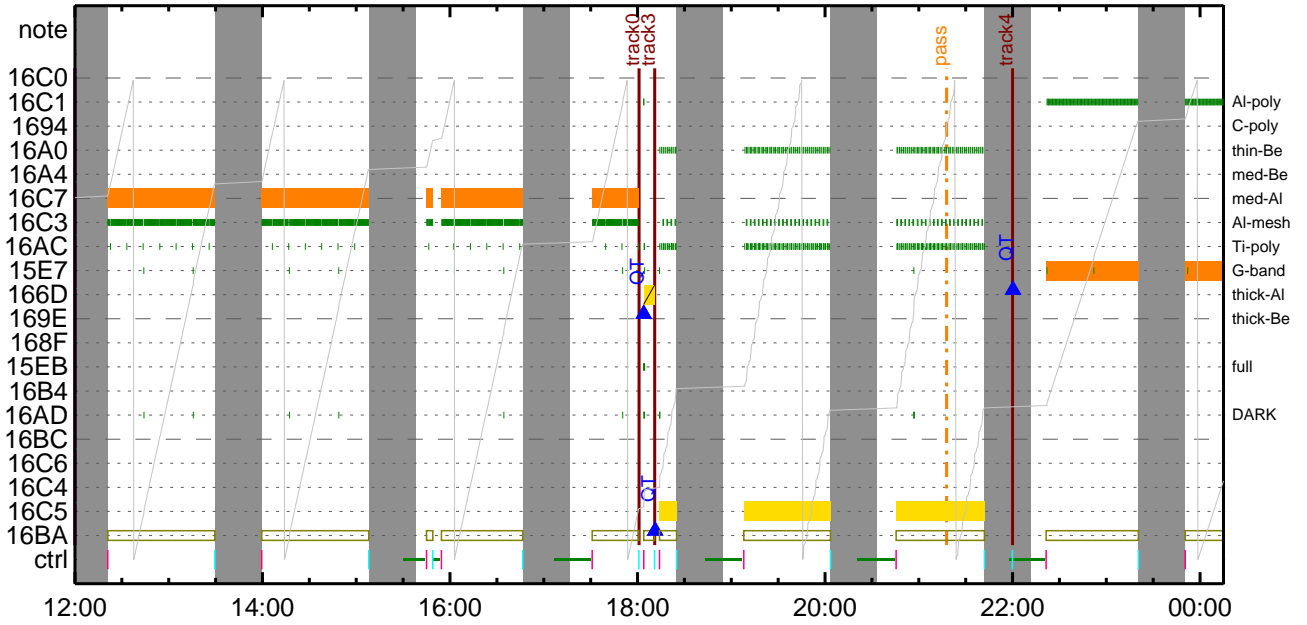
CMDI #0624 2009/06/18



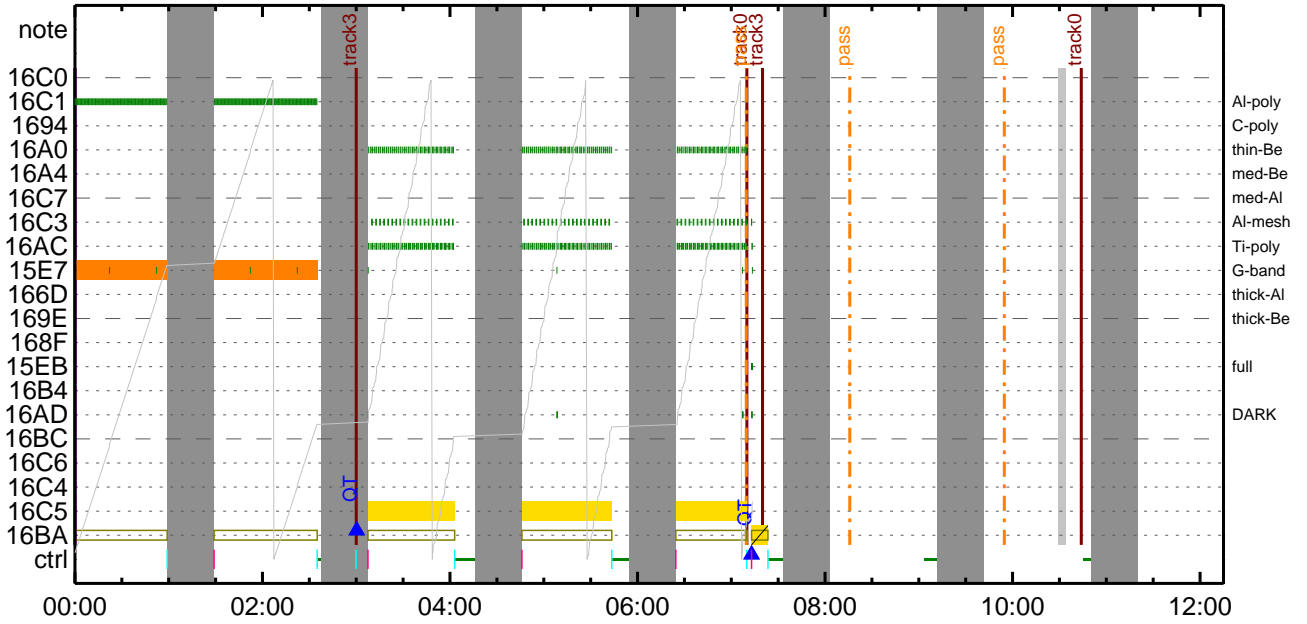
CMDI #0624 2009/06/19



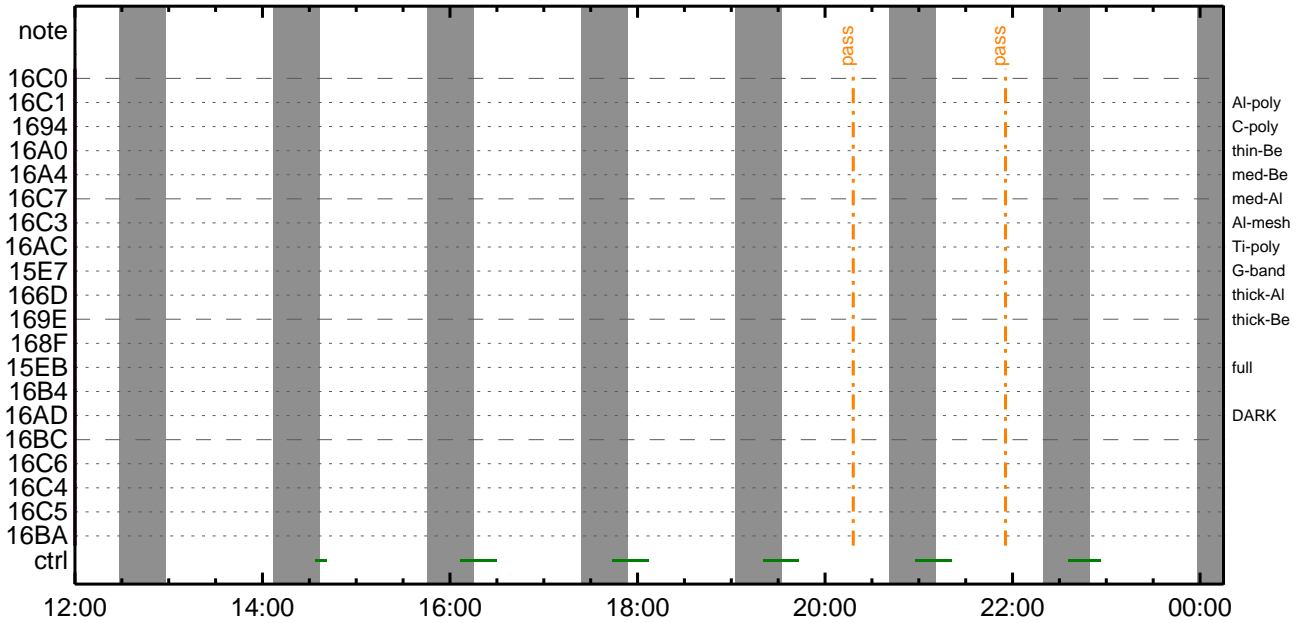
CMDI #0624 2009/06/19



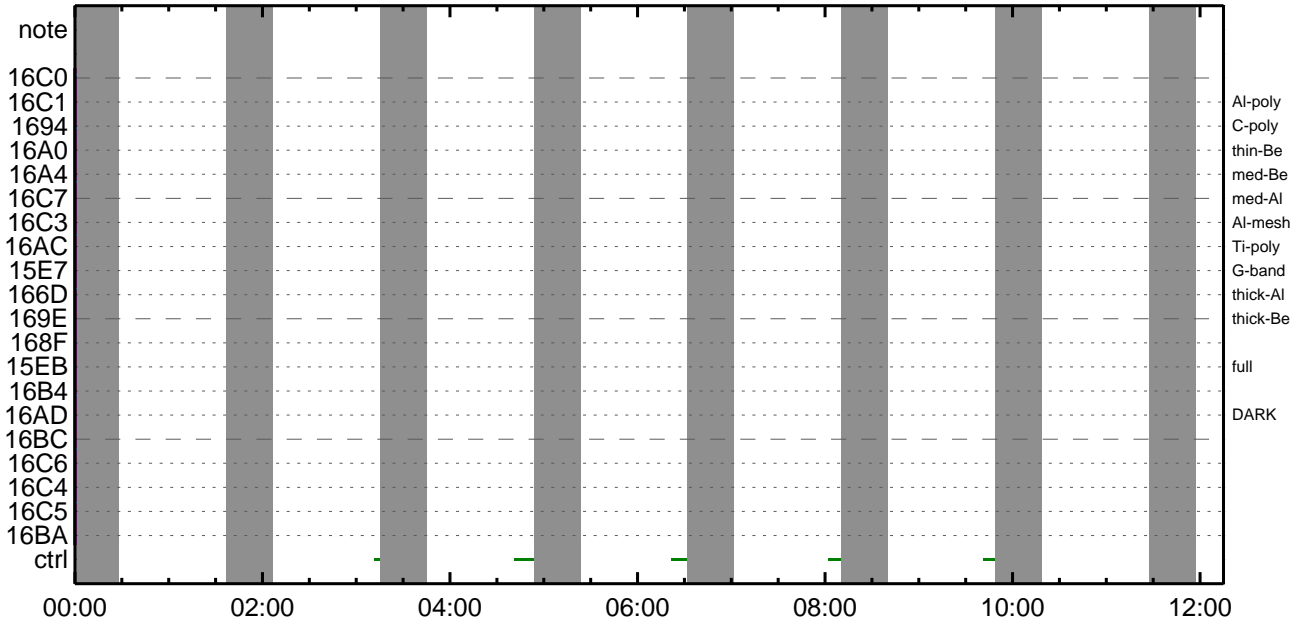
CMDI #0624 2009/06/20



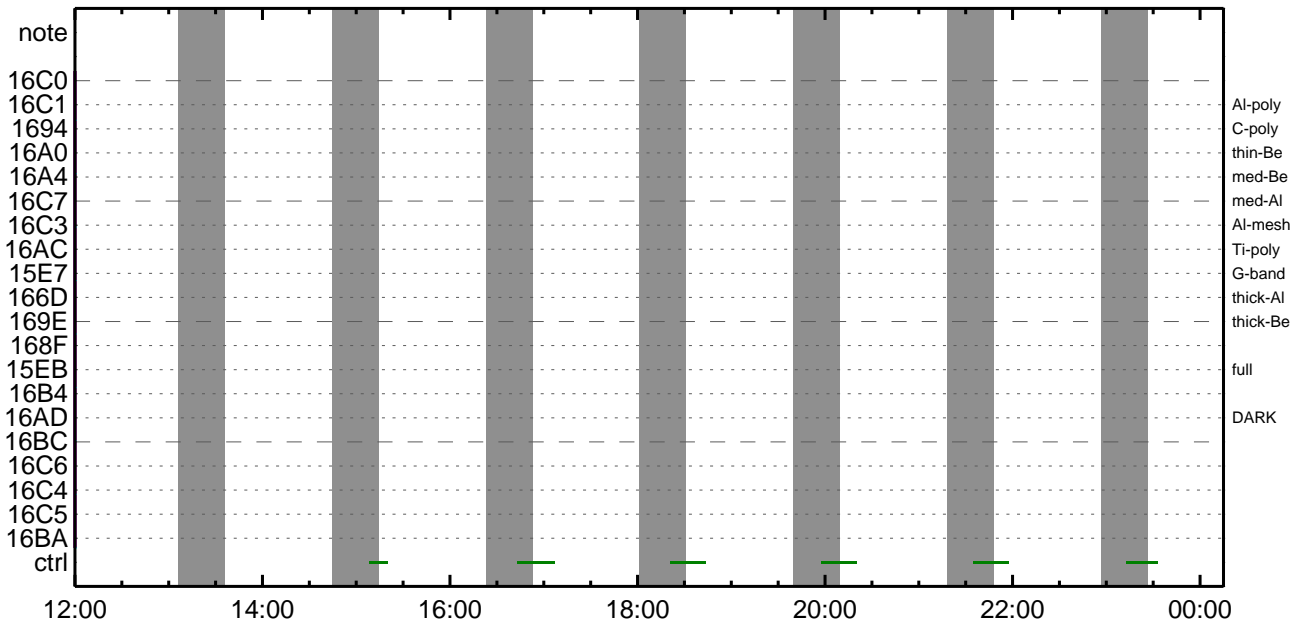
CMDI #0624 2009/06/20



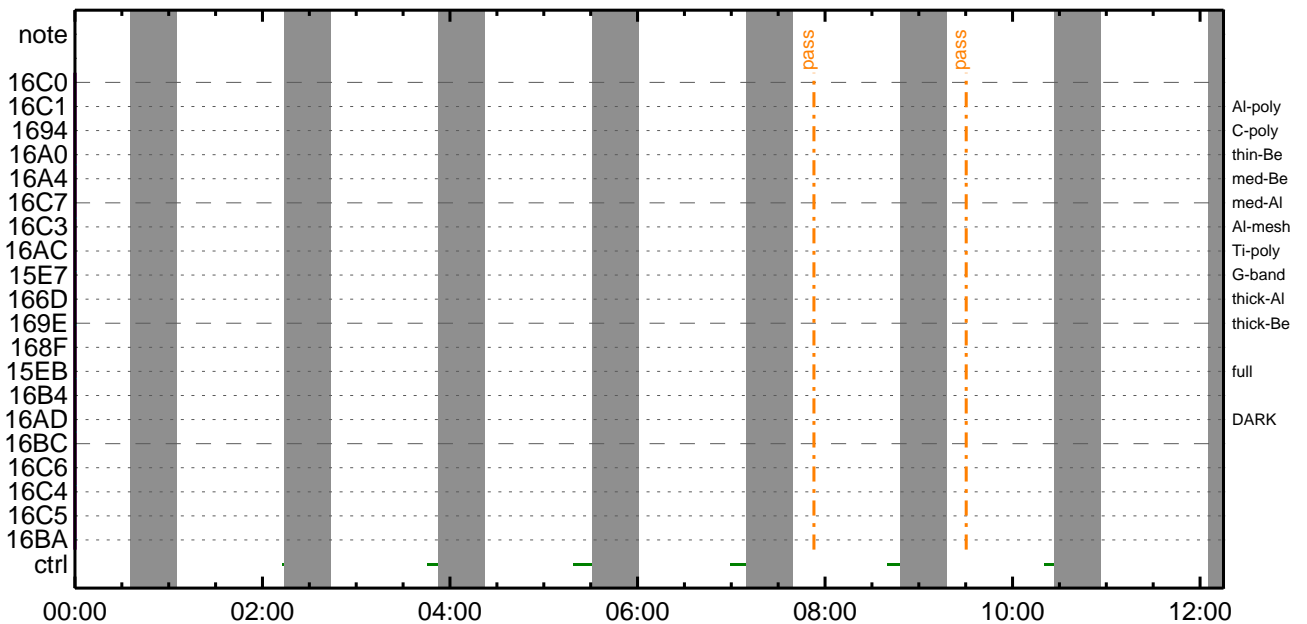
CMDI #0624 2009/06/21



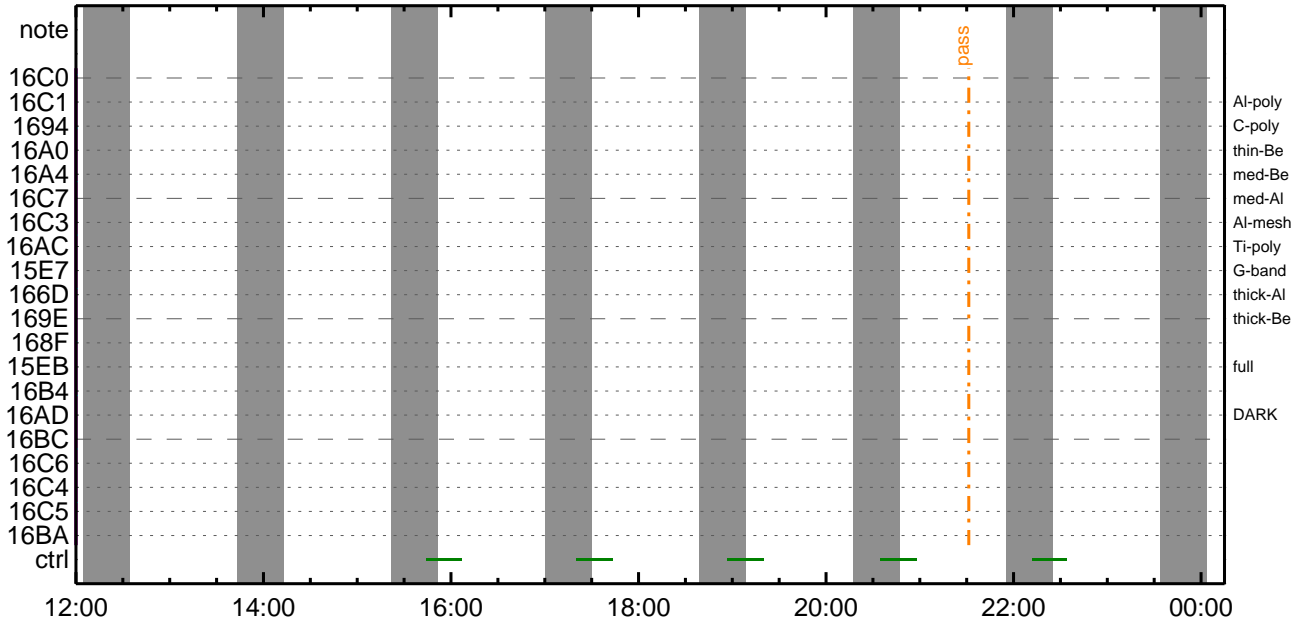
CMDI #0624 2009/06/21



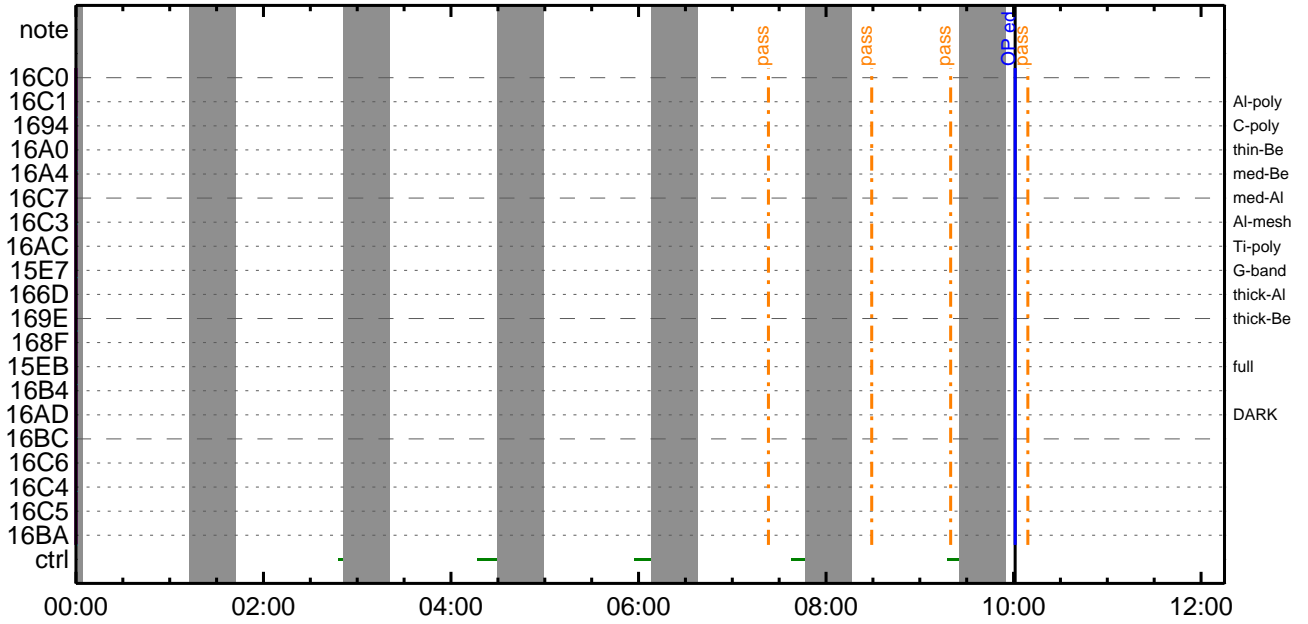
CMDI #0624 2009/06/22



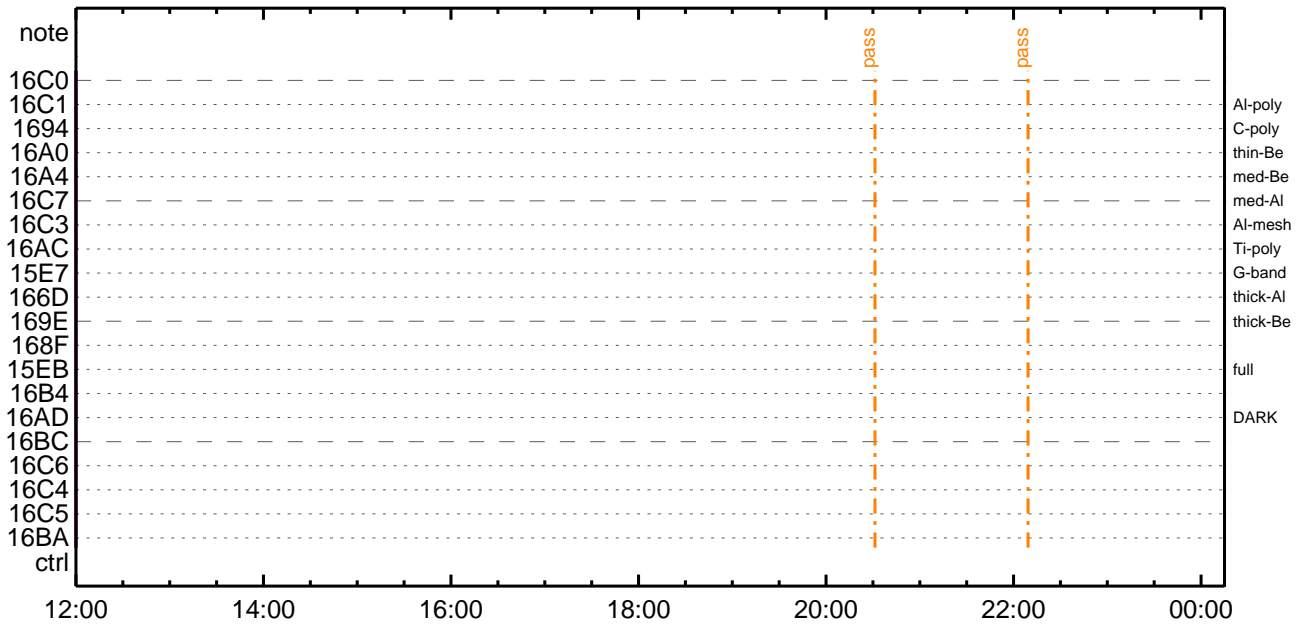
CMDI #0624 2009/06/22



CMDI #0624 2009/06/23



CMDI #0624 2009/06/23




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0096 C.          0300; SET EDUMP 0100 0100 0100 0100 0100 0100
0097 C.
0098 C. TI 2009-06-18 10:20:00.0
0099 +. TI 2009-06-18 10:20:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0102 C.
0103 +. TI 2009-06-18 10:20:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0106 C.
0107 +. TI 2009-06-18 10:20:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0110 C.
0111 +. TI 2009-06-18 10:24:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0114 C.
0115 C.          0100 0100 0100 0100 0100 0100
0116 C.          [ ] [HK1_TI_CMD_ENA/DIS]    EQ      ENA
0117 C.          [ ] [HK1_TI_CMD_NUM]      EQ      4
0118 C.          [ ] [HK1_NEXT_EXEC_PIM]    EQ      DHU
0119 C.          [ ] [HK1_NEXT_EXEC_DC]    EQ      0xB3
0120 C.
0121 C. *****
0122 C. TI 2009-06-18 10:24:59.5
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.          [ ] [HK1_DMP_TOP_ADRS_1]    EQ      07
0129 C.          [ ] [HK1_DMP_TOP_ADRS_0]    EQ      2B
0130 C.          [ ] [HK1_DMP_BLOCK_NUM]     EQ      3
0131 C.          [ ] [HK1_DMP_REPEAT_NUM]    EQ      0
0132 C.          [ ] [HK1_DMA_DMP_PIM]      EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          [ ] [HK1_PKT_FORM_NO]       EQ      7
0136 C.          [ ] [HK1_PKT_GEN_TIME]      EQ      0.25 s
0137 C.          [ ] [HK1_S_TLM_BIT_RATE]    EQ      32k
0138 C.          [ ] [HK1_X_TLM_BIT_RATE]    EQ      4M
0139 C.          [ ] [HK1_DMP_CHK_FLG]      EQ      EXEC
0140 C.
0141 C.          0100 0100 0100 0100 0100 0100
0142 C.          [ ] [HK1_DMP_CHK_FLG]      EQ      NON
0143 C.
0144 C. RAM ID=TI_TBL 0100 0100 0100 0100 0100 0100
0145 C.
0146 C. DHU 0100 0100 0100 0100 0100 0100
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          [ ] [HK1_PKT_FORM_NO]       EQ      2
0150 C.          [ ] [HK1_PKT_GEN_TIME]      EQ      0.5S
0151 C.          [ ] [HK1_S_TLM_BIT_RATE]    EQ      32K
0152 C.          [ ] [HK1_X_TLM_BIT_RATE]    EQ      4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2009-06-18 10:24:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2009-06-18 10:24:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC          (22)
0166 C.          [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C. *****
0171 C. SOT TI command set
0172 C. *****
0173 C. Execute, after the success of OP upload.
0174 +. TI 2009-06-18 10:24:16.0
0175 DC 07-F0 MDP_SOT_MODE_STBY
0176 BC          (41)
0177 C. -----
0178 C.          HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0179 C. -----
0180 C. ***** SOT END *****
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2009-06-18 10:24:00.0
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 0100 0100 0100 0100 0100 0100 *****
0192 C. (0100 0100 0100 0100 0100 0100)
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.
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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 31s
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 2009-06-18 10:24:50.0
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 (uAÎpI»ö¼YpEÂÐa¹eDCBC•x²è *****
0153 C. (%ã°iYÓYAYEYpYÉYáYçYèE¼q¼A»Ûa¹è)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** YDY¹•İ Daily±;İÑe'Øa¹eDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOS¥Á¥S¥Ä¥¹¼Ä»Û;ã
0164 C.
0165 . C. ***** LOS *****
0166 C.

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0096 . C. ----- Success Verify ?           OK / NG ____
0097 C.
0098 C. ***** XRT END *****
0099 C.
0100 . C. ***** MDP 'uAifI»ö%YoEÄDq¹eDCBC•x²è *****
0101 C. (%ã°iYÓYÄYËYÏYËYáYçYéãE¼qã¼Ä»Üq¹ãé)
0102 . S. DC-BC dcbc-402:DCBC
0103 (MDP_known_event)
0104 C.
0105 C.
0106 . C. ***** YDY¹•İ Daily±;İÑqE'Øq¹ãeDCBC•x²è *****
0107 . S. DC-BC dcbc-153:DCBC
0108 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0109 C.
0110 C.
0111 . C. ;ãLOSŸÁYŞYÄY-¼Ä»Ü;ã
0112 C.
0113 . C. ***** LOS *****
0114 C.
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Jun 18, 09 11:56

XRT_OGLIST_0624.chk

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*** OP Sequence for XRT ***

2009/06/18	10:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	10:34:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/06/18	10:35:00.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 00 00 50 00
2009/06/18	10:35:16.0	XRT_QT_PROG_SET_409_OG [0x199]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2009/06/18	10:35:18.0	XRT_AEC_RESET_415_OG [0x19f]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2009/06/18	10:35:20.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/06/18	10:35:22.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/06/18	10:35:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/06/18	10:38:02.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	11:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	11:43:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	12:52:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	13:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	14:31:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	15:06:00.5	XRT_Custom_430_OG [0x1ae]			
2009/06/18	15:07:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	16:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	16:53:30.0	XRT_Custom_430_OG [0x1ae]			
2009/06/18	16:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	17:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	18:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	18:29:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/06/18	18:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2009/06/18	18:30:16.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/06/18	18:30:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/06/18	18:30:20.0	XRT_ARS_DIS_410_OG [0x19a]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/06/18	18:32:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2009/06/18	18:33:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	18:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	18:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/06/18	18:40:00.0	AOCS_Ore-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	03 00 00 00 00
2009/06/18	18:40:16.0	XRT_QT_PROG_SET_414_OG [0x19e]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2009/06/18	18:40:18.0	XRT_AEC_RESET_415_OG [0x19f]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2009/06/18	18:40:20.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/06/18	18:40:22.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/06/18	18:40:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/06/18	19:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	20:07:00.0	XRT_Custom_430_OG [0x1ae]			
2009/06/18	20:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	21:04:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	21:44:30.0	XRT_Custom_430_OG [0x1ae]			
2009/06/18	21:45:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/18	22:43:00.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/18	23:19:30.0	XRT_Custom_430_OG [0x1ae]			
2009/06/18	23:20:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/19	00:21:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/06/19	00:51:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/06/19	01:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

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2009/06/19	02:30:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	03:35:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	04:08:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	05:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	05:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2009/06/19	06:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00	
2009/06/19	06:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/06/19	06:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/06/19	06:00:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/06/19	06:02:58.0	XRT_QT_PROG_SET_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2009/06/19	06:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	06:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00	
2009/06/19	06:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	03 00 00 00	00 00	
2009/06/19	06:10:16.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02	
2009/06/19	06:10:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/06/19	06:10:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/06/19	06:10:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/06/19	06:10:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/06/19	06:13:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	06:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	07:25:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	08:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	09:04:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	09:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	09:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00	
2009/06/19	10:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 50	00 00	
2009/06/19	10:00:16.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f	
2009/06/19	10:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/06/19	10:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/06/19	10:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/06/19	10:00:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/06/19	10:03:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	10:06:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	10:42:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	11:51:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	12:21:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	13:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	13:59:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	15:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	15:44:00.0	XRT_Custom_430_OG [0x1ae]						
2009/06/19	15:45:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	15:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/06/19	15:53:30.0	XRT_Custom_430_OG [0x1ae]						
2009/06/19	15:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/06/19	16:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						

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2009/06/19	17:30:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	17:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	18:00:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	18:00:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/06/19	18:01:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00
2009/06/19	18:01:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/19	18:01:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/19	18:01:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/19	18:03:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2009/06/19	18:04:00.0	XRT_CTRL_AUTO_440_OG [0x1b8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	18:10:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	18:10:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/06/19	18:11:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	03	00	00	00	00
2009/06/19	18:11:16.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2009/06/19	18:11:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/06/19	18:11:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/19	18:11:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/19	18:11:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/19	18:14:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	18:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	19:07:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	19:08:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	20:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	20:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	20:45:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	21:42:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	21:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	21:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/06/19	22:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	04	00	00	00	00
2009/06/19	22:00:16.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2009/06/19	22:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/06/19	22:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/19	22:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/19	22:00:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/19	22:20:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	22:21:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/19	23:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/19	23:50:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/20	00:59:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/20	01:29:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/20	02:35:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/20	02:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/20	02:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/06/20	03:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	03	00	00	00	00
2009/06/20	03:00:16.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2009/06/20	03:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/06/20	03:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/20	03:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/06/20	03:00:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/20	03:07:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/20	04:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/20	04:46:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/20	05:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/20	06:24:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/20	07:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/20	07:09:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/06/20	07:10:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/06/20	07:10:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/06/20	07:10:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/06/20	07:10:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/06/20	07:12:58.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2009/06/20	07:13:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/06/20	07:20:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/06/20	07:23:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/06/20	10:44:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				