

XRT Timeline to be uploaded on 2009/02/03

Period: 2009/02/03 12:21:00 - 2009/02/07 09:44:00

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Normal mode

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XOB #15A3: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)												
Term	Pointing (x, y)					Comment						
02/03 18:05:30 - 02/03 21:20:00	Fixed (0.0, 0.0)					synoptic, shifted 3.5 min						
02/04 17:55:30 - 02/05 05:59:54	Fixed (0.0, 0.0)					synoptic, shifted -6.5 min						
PROG= 07 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= 6 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												
└─ 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 #1454: CH Jets - Al/poly - 32s exp - FOV512												
Term	Pointing (x, y)					Comment						
02/03 21:20:32 - 02/04 03:08:00	Fixed (0.0, -965.0)					XRT polar jet observation						
PROG= 16 Inf.-time(s)												
└─ Subr= 1 1-time(s) 32.0sec												
└─ Seqn= 19 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/thick-Al 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 #1638: Synoptic 9 Filter- 2x2 Q98 Longer exp												
Term	Pointing (x, y)					Comment						
02/04 05:52:30 - 02/04 07:09:54	Fixed (0.0, 0.0)					synoptic, shifted -9.5 min						
PROG= 20 1-time(s)												
└─ Subr= 1 1-time(s) 180.0sec												
└─ Seqn= 72 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= 33 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=100 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= 85 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= 18 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= 66 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												

XOB #1648: Waves-Al/poly 384FOV - 20s cadence with Ti-poly context+G-band context												
Term	Pointing (x, y)					Comment						
02/04 07:12:00 - 02/04 11:01:30	Fixed (-945.0, 0.0)					EIS offlimb observation (wave activity)						
PROG= 04 Inf.-time(s)												
└─ Subr= 1 3-time(s) 2.0sec												
└─ Seqn= 51 60-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 1.00s Obs 1x1 384x384 (1024, 1024) DPCM 3 0 20.0sec												
└─ Seqn= 75 1-time(s) 4.0sec												
└─ C-poly/Open thin-Be/Open close Safe Norm 16.0s Obs 1x1 512x512 (1024, 1024) DPCM 1 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 39 1-time(s) 2.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 1536x1536 (1024, 1024) Q=90 0 0 2.0sec												

XOB #15A4: Synoptic Q95 2x2 - Al/mesh(512/5795) + Dark cal(512 Q98) + Ti-poly(723/11571) + G-band(16)

Term	Pointing (x, y)	Comment
02/05 06:02:00 - 02/05 06:09:54	Fixed (0.0, 0.0)	synoptic

PROG= 11 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= 6	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
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
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Flare mode

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NOT USED

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Active Region Search

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NOT USED

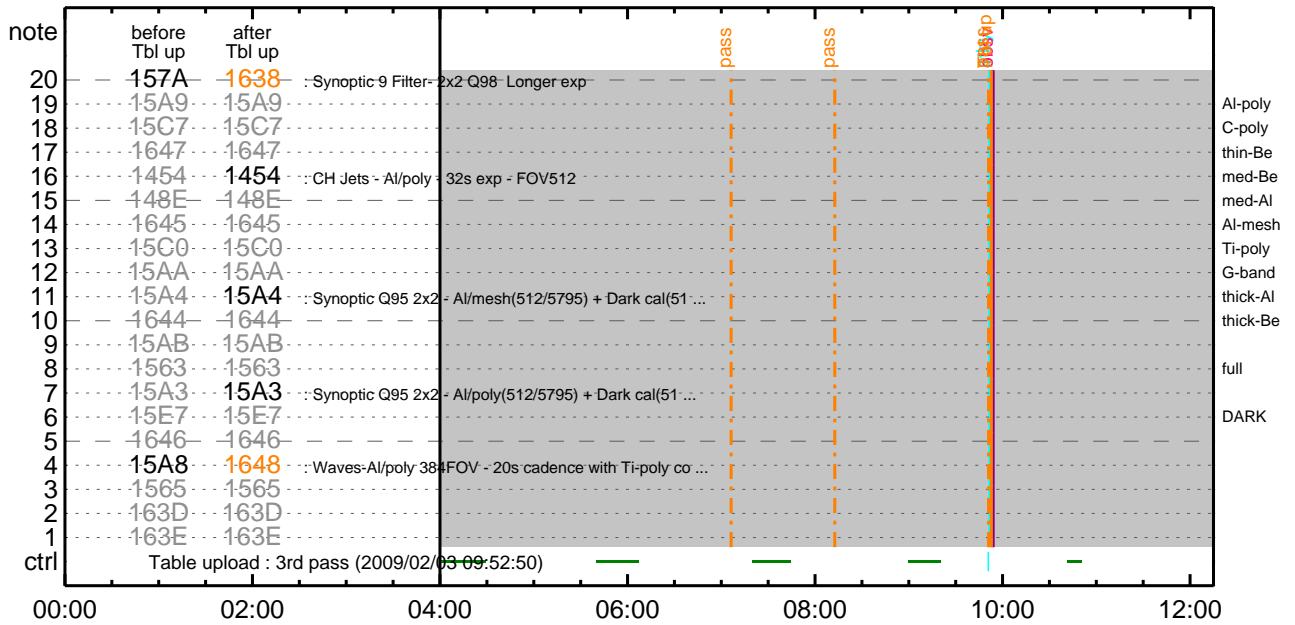
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Flare Detection

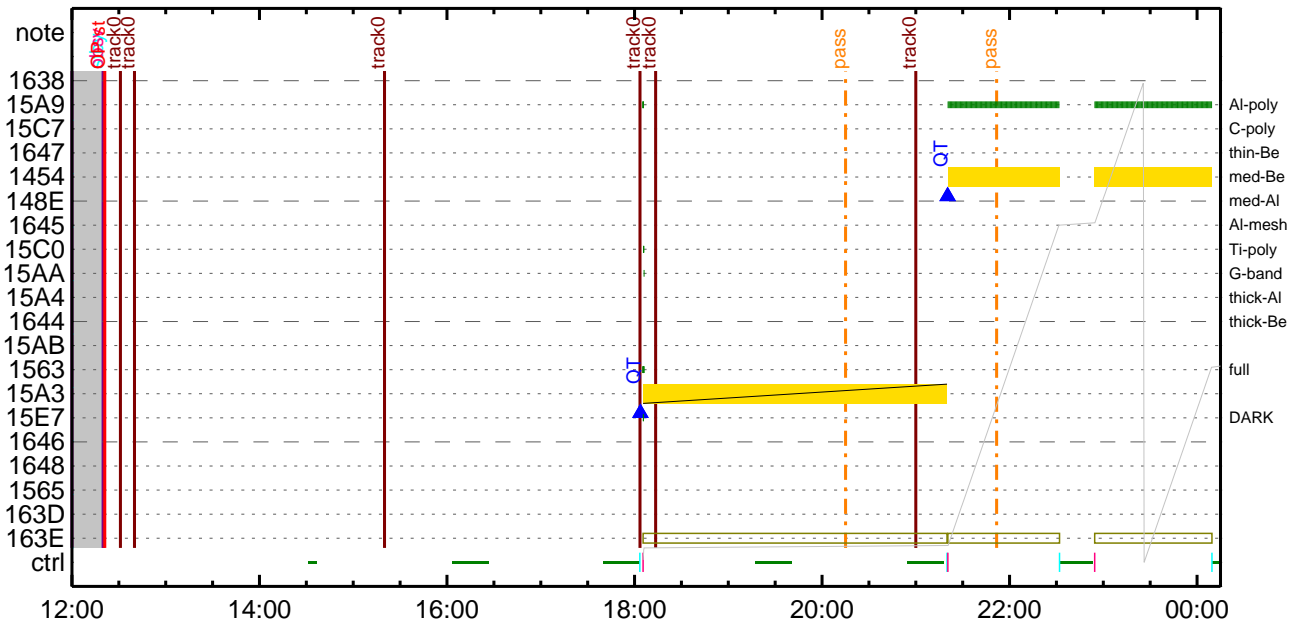
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NOT USED

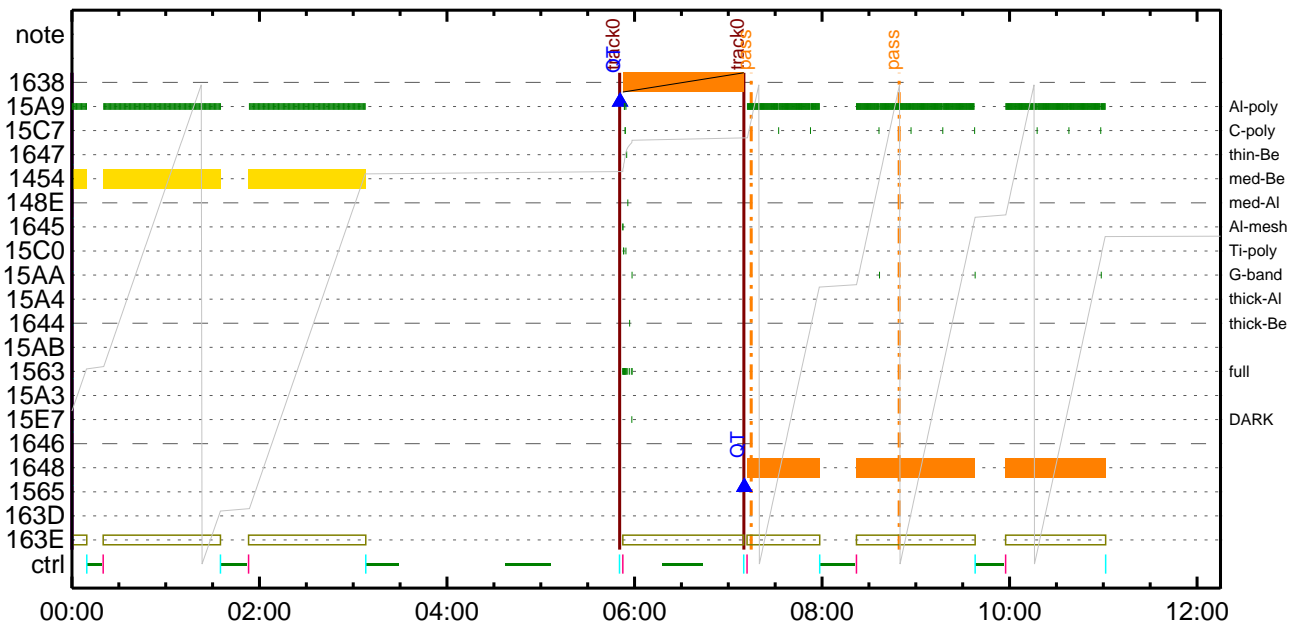
CMDI #0385 2009/02/03



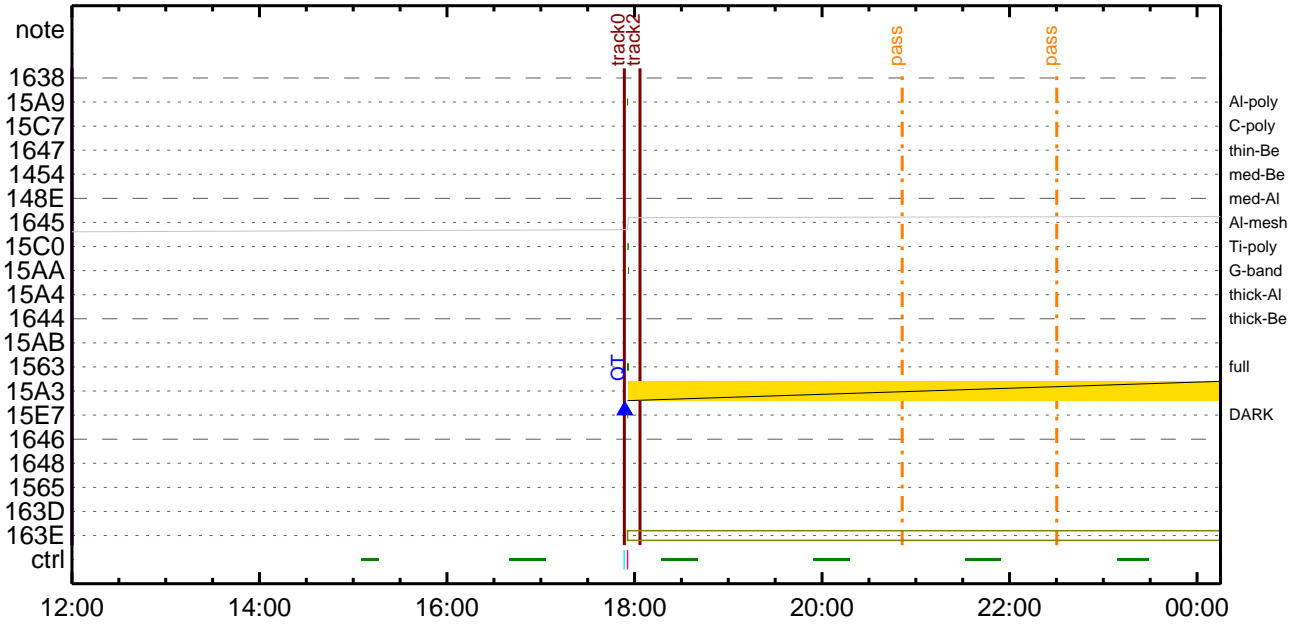
CMDI #0385 2009/02/03



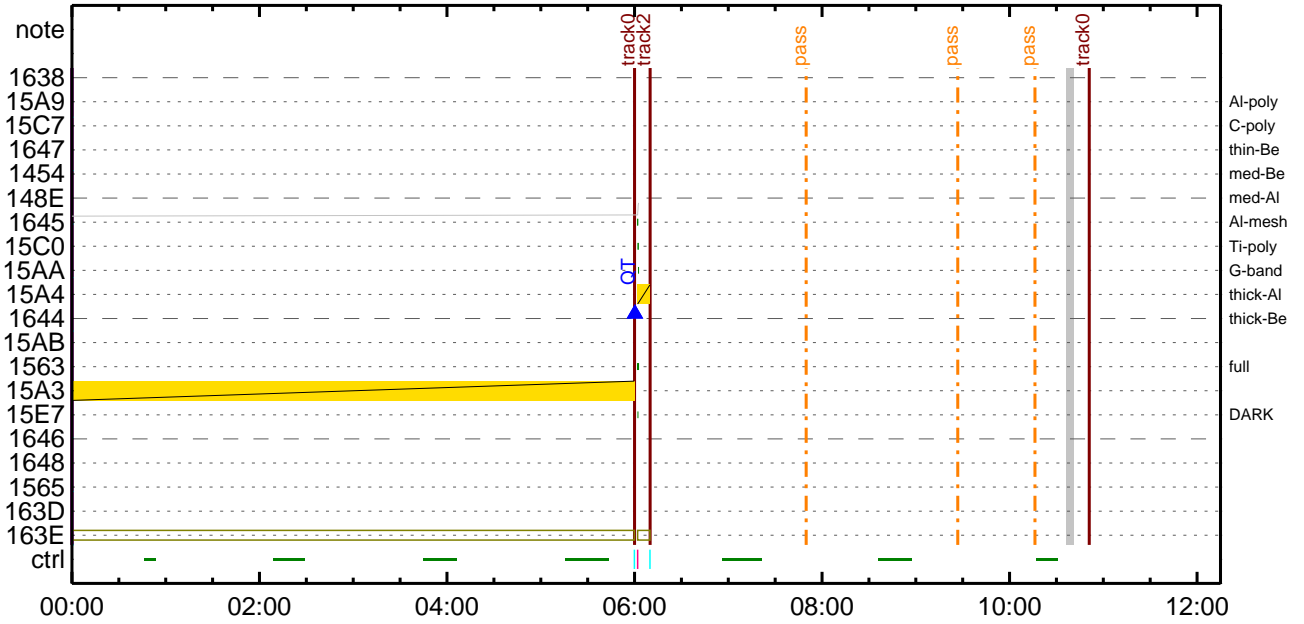
CMDI #0385 2009/02/04



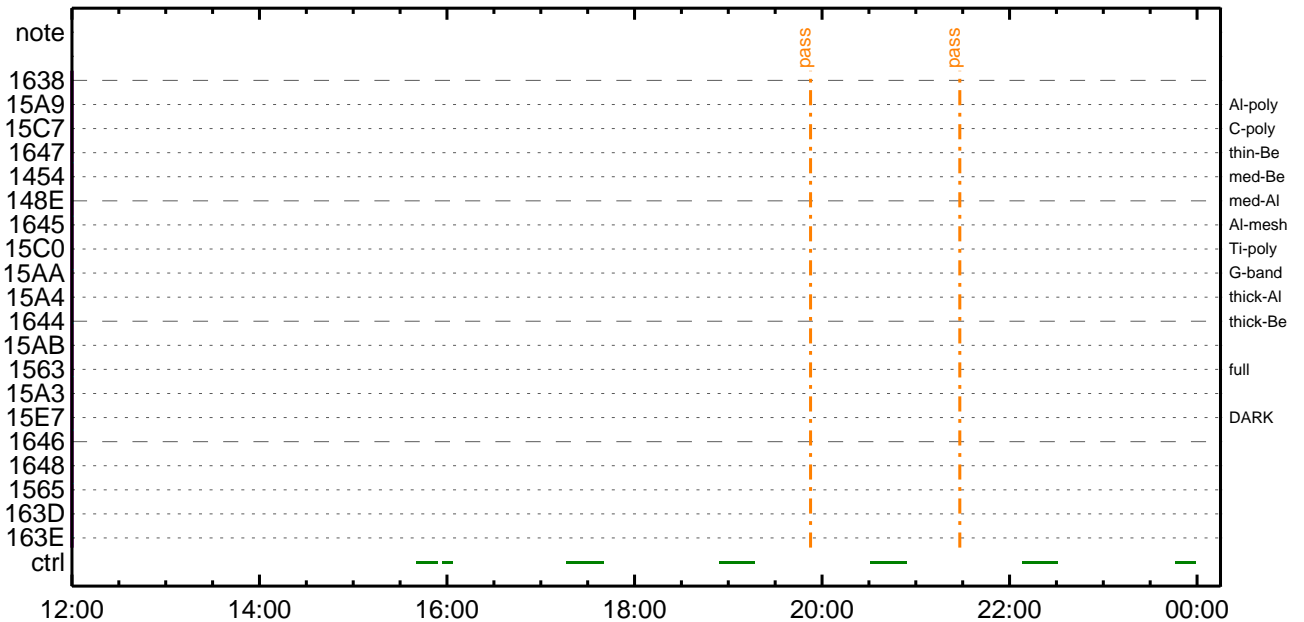
CMDI #0385 2009/02/04



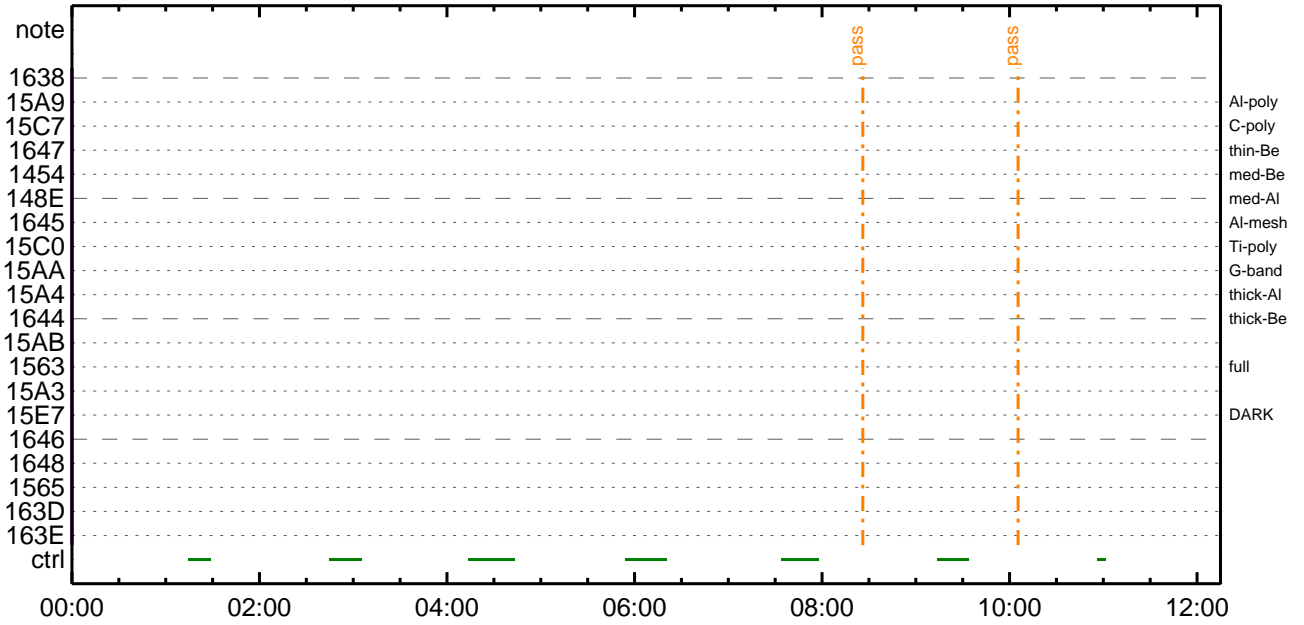
CMDI #0385 2009/02/05



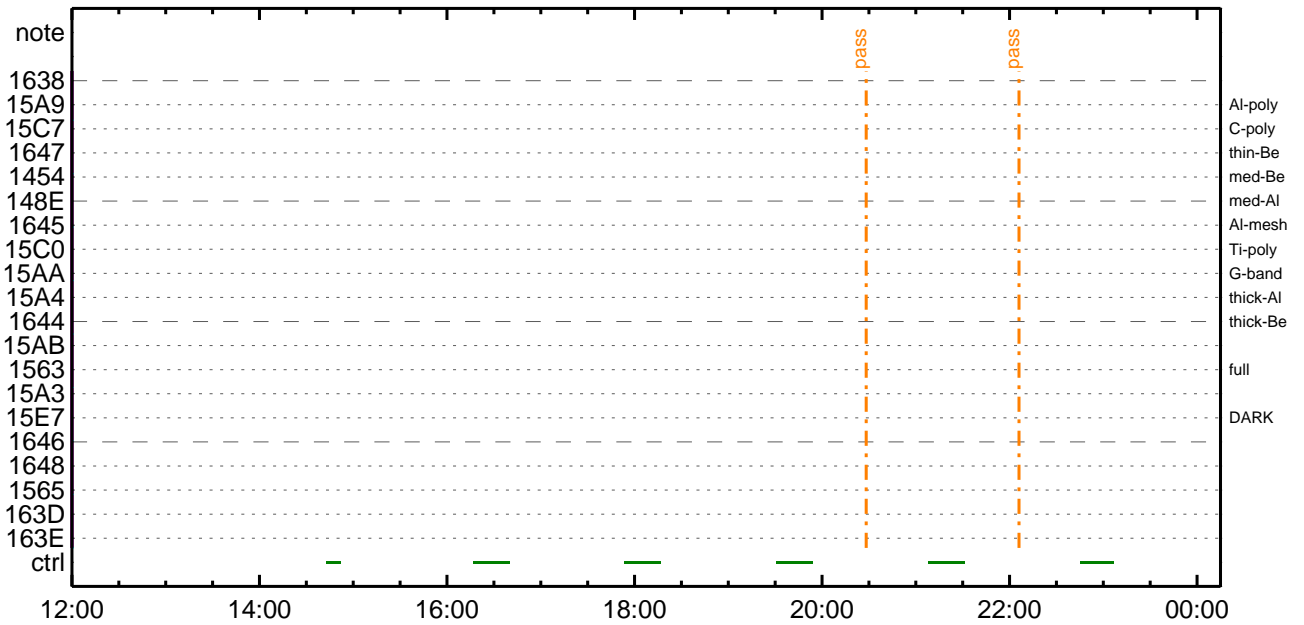
CMDI #0385 2009/02/05



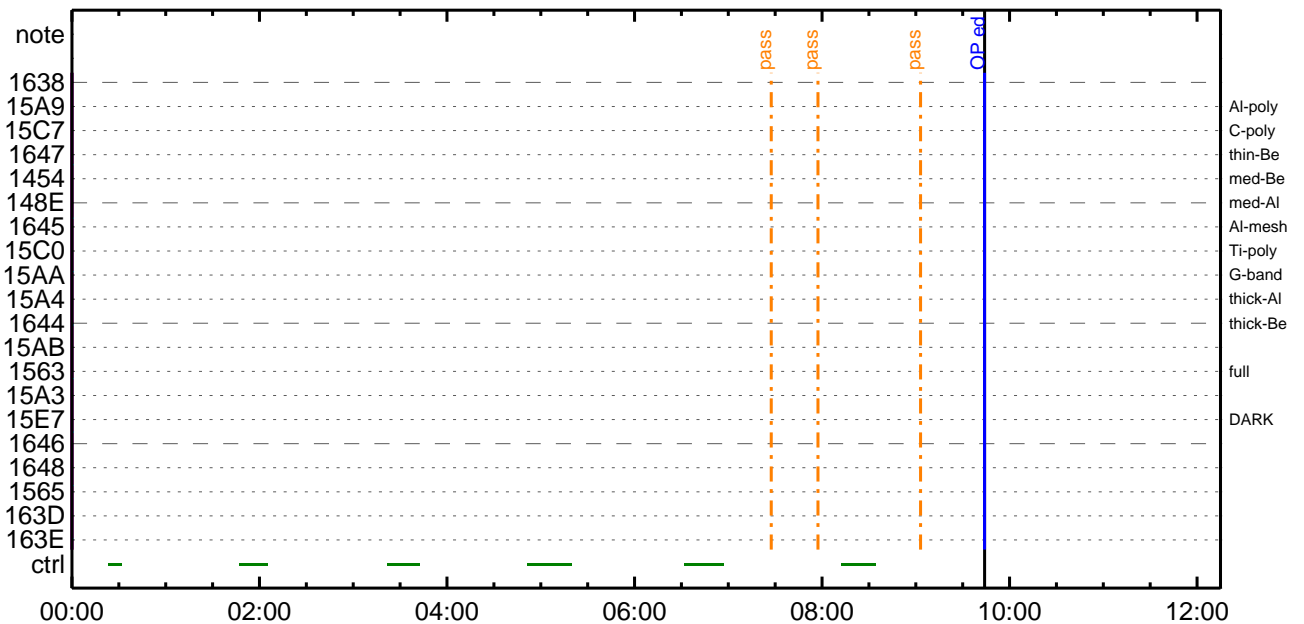
CMDI #0385 2009/02/06



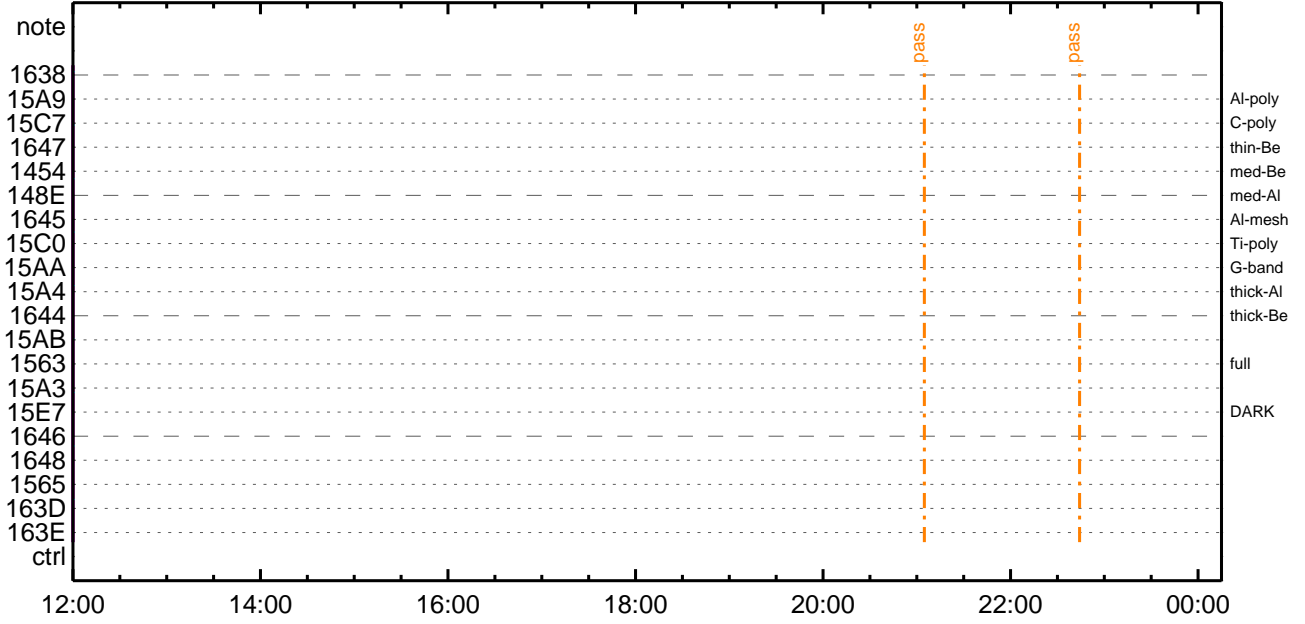
CMDI #0385 2009/02/06



CMDI #0385 2009/02/07



CMDI #0385 2009/02/07




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0096 C.          0302; 0SET0EDUMP01A±0iYNY10Ç100|030E; E
0097 C.
0098 C. TIY3YBY0YÉ00dÁDÍ¿ (UT)
0099 +. TI 2009-02-03 12:16:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          00[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2009-02-03 12:16:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          00[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2009-02-03 12:16:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          00[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2009-02-03 12:20:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          00[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C. 0E2%01ÁE%ííN01YÁY$YÁY-1àÛ
0116 C.          00[HK1_TI_CMD_ENA/DIS]        EQ          ENA
0117 C.          00[HK1_TI_CMD_NUM]          EQ          4
0118 C.          00[HK1_NEXT_EXEC_PIM]        EQ          DHU
0119 C.          00[HK1_NEXT_EXEC_DC]        EQ          0xB3
0120 C.
0121 C. *****
0122 C. TIÍî°èYÁY0Y×
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.          00[HK1_DMP_TOP_ADRS_1]        EQ          07
0129 C.          00[HK1_DMP_TOP_ADRS_0]        EQ          2B
0130 C.          00[HK1_DMP_BLOCK_NUM]        EQ          3
0131 C.          00[HK1_DMP_REPEAT_NUM]       EQ          0
0132 C.          00[HK1_DMA_DMP_PIM]         EQ          DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          00[HK1_PKT_FORM_NO]          EQ          7
0136 C.          00[HK1_PKT_GEN_TIME]         EQ          0.25 s
0137 C.          00[HK1_S_TLM_BIT_RATE]       EQ          32k
0138 C.          00[HK1_X_TLM_BIT_RATE]      EQ          4M
0139 C.          00[HK1_DMP_CHK_FLG]         EQ          EXEC
0140 C.
0141 C. YÁY0Y×%2^î»0d3îÇ$
0142 C.          00[HK1_DMP_CHK_FLG]         EQ          NON
0143 C.
0144 C. RAM ID=TI_TBL01%È1Ç•è2ÌOK0d3îÇ$
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½, Yì;¼YÈ;È0dîá01
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          00[HK1_PKT_FORM_NO]          EQ          2
0150 C.          00[HK1_PKT_GEN_TIME]         EQ          0.5S
0151 C.          00[HK1_S_TLM_BIT_RATE]       EQ          32K
0152 C.          00[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 2009-02-03 12:20:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2009-02-03 12:20:40.0
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 2009-02-03 12:20:16.0
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 2009-02-03 12:20:00.0
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 `úÁî0î»ö¼Y0ÈÁD010èDCBC•×2è *****
0192 C. (%â°îY0YÁYÈY0YÈYÁYÇYè0E%¼00¼Á»Û010é)
0193 C. S. DC-BC dcbc-402:DCBC

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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥D¥!•İ Daily±;İÑøĒ'Øα¹αēDCBC•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.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 80 80 20 20)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 08 08)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 80 80 06 06)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 09 80 80 18 18)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 0f 80 80 04 04)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 10 80 80 10 10)
0136 . C. ----- Success Verify ? OK / NG ____
0137 C.
0138 C.
0139 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0140 C.
0141 +. DC 07-F0 MDP_XRT_MODE_OBSV
0142 BC (c2)
0143 +. TI 2009-02-03 12:20:02.0
0144 DC 07-F0 MDP_XRT_MODE_OBSV
0145 BC (c2)
0146 . C. ----- Success Verify ? OK / NG ____
0147 C.
0148 C. ***** XRT END *****
0149 C.
0150 . C. ***** MDP `úÃîï»ö%ÝðËÄð¹²³DCBC•x²è *****
0151 C. (%á°îÿÓÿÄÿÈÿËÿáÿçÿèèË%¼²³Ä»Û¹²è)
0152 . S. DC-BC dcbc-402:DCBC
0153 (MDP_known_event)
0154 C.
0155 C.
0156 . C. ***** ¥Dÿ¹•Ï Daily±¿ÍÑ²Ë´Ø²³èDCBC•x²è *****
0157 . S. DC-BC dcbc-153:DCBC
0158 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0159 C.
0160 C.
0161 . C. ¡ãLOS¥Á¥$¥Ã¥´¼Ä»Û;ä
0162 C.
0163 . C. ***** LOS *****
0164 C.

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Feb 03, 09 12:47

XRT_OGLIST_0385.chk

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*** OP Sequence for XRT ***

2009/02/03	12:31:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/02/03	12:40:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	d4	b5
2009/02/03	15:20:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	bd	b3
2009/02/03	18:03:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/03	18:03:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/02/03	18:03:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/02/03	18:03:46.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/02/03	18:03:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/03	18:03:50.5	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/03	18:03:52.5	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/03	18:05:30.5	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/03	18:13:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	ae	a8
2009/02/03	21:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	55	ca	00	00
2009/02/03	21:20:00.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/03	21:20:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/02/03	21:20:22.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2009/02/03	21:20:24.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/03	21:20:26.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/03	21:20:28.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/03	21:20:30.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/03	21:20:32.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/03	22:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/03	22:53:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/03	22:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	00:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	00:19:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/04	00:20:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	01:35:00.5	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	01:52:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/04	01:53:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	03:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	05:50:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	05:50:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/02/04	05:50:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/02/04	05:50:46.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2009/02/04	05:50:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/04	05:50:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/04	05:50:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/04	05:52:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	07:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	07:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/02/04	07:10:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	00	00	54	00
2009/02/04	07:10:16.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2009/02/04	07:10:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/04	07:10:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/04	07:10:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/04	07:10:24.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				

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2009/02/04	07:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	07:58:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	08:21:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/04	08:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	09:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	09:56:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/04	09:57:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	11:01:30.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	17:53:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/04	17:53:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/02/04	17:53:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/04	17:53:46.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/02/04	17:53:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/04	17:53:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/04	17:53:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/04	17:55:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/04	18:03:30.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/02/05	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/05	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/02/05	06:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/05	06:00:16.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2009/02/05	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/05	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/05	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/05	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/05	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/05	06:10:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/02/05	10:51:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				