

XRT Timeline to be uploaded on 2009/12/12

Period: 2009/12/12 10:42:00 - 2009/12/17 10:18:00

* * * * *

Normal mode

* * * * *

XOB #173D: hot Plasma in AR in photon counting regime (Med_AI)												
Term		Pointing (x, y)				Comment						
12/12 16:33:02 - 12/12 17:59:54		Track (-554.4, 340.5) @ 12/12 16:30:00				+ Track AR 11034.						
PROG= 19 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 6 15-time(s) 20.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		DPCM	0 0 2.0sec
├ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 5 1-time(s) 2.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Dark	125ms	Obs	1x1	384x384 (1024, 1024)		DPCM	0 0 2.0sec
└ Seqn= 86 1-time(s) 2.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Norm	32.0s	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 #172D: Synoptic Q95 med-AI + Dark (2x2 4x4 8x8 and cross strips)												
Term		Pointing (x, y)				Comment						
12/12 18:03:00 - 12/12 18:09:54		Fixed (0.0, 0.0)				synoptic						
12/13 06:03:00 - 12/13 06:29:54		Track (-4.8, -0.1) @ 12/13 05:30:00				HOP 143, SOT super res obs, with drive-by synoptic at 06:00.						
12/13 18:06:00 - 12/13 18:12:54		Fixed (0.0, 0.0)				synoptic, shifted 3.0 min						
12/14 05:37:00 - 12/14 05:43:54		Fixed (0.0, 0.0)				synoptic, shifted -26.0 min						
12/14 17:39:30 - 12/14 17:46:24		Fixed (0.0, 0.0)				synoptic, shifted -23.5 min						
12/15 05:58:30 - 12/15 06:04:54		Fixed (0.0, 0.0)				synoptic, shifted -4.5 min						
PROG= 03 1-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 85 2-time(s) 2.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0 0 2.0sec
med-AI/Open		med-AI/thick-AI close		Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0 0 2.0sec
med-AI/Open		med-AI/thick-AI close		Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0 0 2.0sec
├ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 90 1-time(s) 2.0sec												
med-AI/thick-Be		med-AI/thick-Be close		Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0 0 2.0sec
med-AI/thick-Be		med-AI/thick-Be close		Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98	0 0 2.0sec
med-AI/thick-Be		med-AI/thick-Be close		Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)		Q=98	0 0 2.0sec
med-AI/thick-Be		med-AI/thick-Be close		Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)		DPCM	0 0 2.0sec
med-AI/thick-Be		med-AI/thick-Be close		Safe	Dark	500ms	Obs	1x1	512x2048 (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 #173E: AR Dynamics - 1x1 - Med-AI - inner (512x512) and 2x2 - outer - lower cadence- Q95 - AEC 5 and AEC 2 -center 1024_1024												
Term		Pointing (x, y)				Comment						
12/12 18:13:02 - 12/13 05:23:00		Track (-542.7, 340.7) @ 12/12 18:10:00				# Cont.						
12/13 06:33:02 - 12/13 10:24:30		Track (-452.3, 342.4) @ 12/13 06:30:00				# Track AR.						
12/13 13:43:02 - 12/13 18:02:54		Track (-396.8, 343.3) @ 12/13 13:40:00				* Track AR 11034.						
12/13 18:16:02 - 12/13 23:52:30		Track (-360.5, 343.9) @ 12/13 18:13:00				# Cont.						
12/14 12:03:02 - 12/14 17:36:24		Track (-213.0, 346.1) @ 12/14 12:00:00				* Track AR 11034.						
12/14 17:49:32 - 12/15 05:55:24		Track (-163.5, 346.8) @ 12/14 17:46:30				# Cont.						
12/15 06:08:02 - 12/15 08:59:54		Track (-56.5, 348.1) @ 12/15 06:05:30				# Cont.						
PROG= 13 Inf.-time(s)												
├ Subr= 1 5-time(s) 45.0sec												
└ Seqn= 10 1-time(s) 2.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)		Q=95	5 0 2.0sec
├ Subr= 2 1-time(s) 130.0sec												
└ Seqn= 16 1-time(s) 2.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Norm	16.0s	Obs	2x2	512x512 (1024, 1024)		Q=95	5 0 2.0sec
└ Seqn= 89 1-time(s) 2.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Norm	32.0s	Obs	2x2	1024x1024 (1024, 1024)		Q=98	2 0 2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

XOB #173A: N-Pole Q98 Med-AI - 2x2 - 65s												
Term		Pointing (x, y)				Comment						
12/14 00:08:00 - 12/14 05:33:54		Fixed (0.0, 850.0)				* HOP 146, EIS SW studies, 1 of 2 pointings.						
PROG= 14 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 98 1-time(s) 120.0sec												
med-AI/Open		med-AI/thick-AI close		Safe	Norm	64.0s	Obs	2x2	2048x1536 (1024, 768)		Q=98	0 0 2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

XOB #173B: S-Pole Q98 Med-AI - 2x2 - 65s												
Term		Pointing (x, y)				Comment						
12/14 05:51:00 - 12/14 11:59:54		Fixed (0.0, -850.0)				# HOP 146 cont, second pointing.						
PROG= 11 Inf.-time(s)												

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└─ Subr= 1      1-time(s)      2.0sec
  └─ Seqn=100   1-time(s)      120.0sec
    └─ med-AI/Open  med-AI/thick-AI close  Safe Norm 64.0s  Obs 2x2 2048x1536 (1024, 1280) Q=98 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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XOB #1732: Dark - Med-AI+Thick-Be - 8x8 - 512x512

Term	Pointing (x, y)	Comment
12/15 09:02:40 - 12/15 09:03:40	Fixed (0.0, 760.0)	* HOP 143, SOT super res.

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PROG= 12      1-time(s)
└─ Subr= 1      1-time(s)      2.0sec
  └─ Seqn= 91   1-time(s)      2.0sec
    └─ med-AI/thick-Be med-AI/thick-Be close  Safe Dark 500ms  Obs 8x8 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

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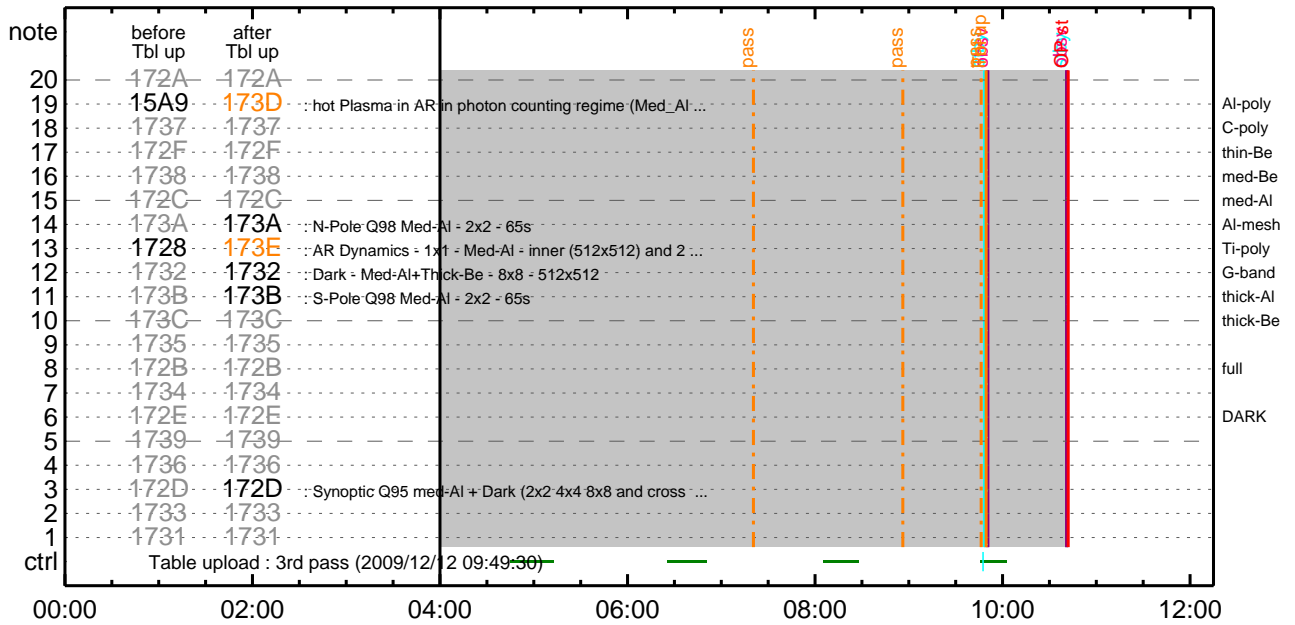
* * * * *
                        Flare mode
                        NOT USED
                        * * * * *

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

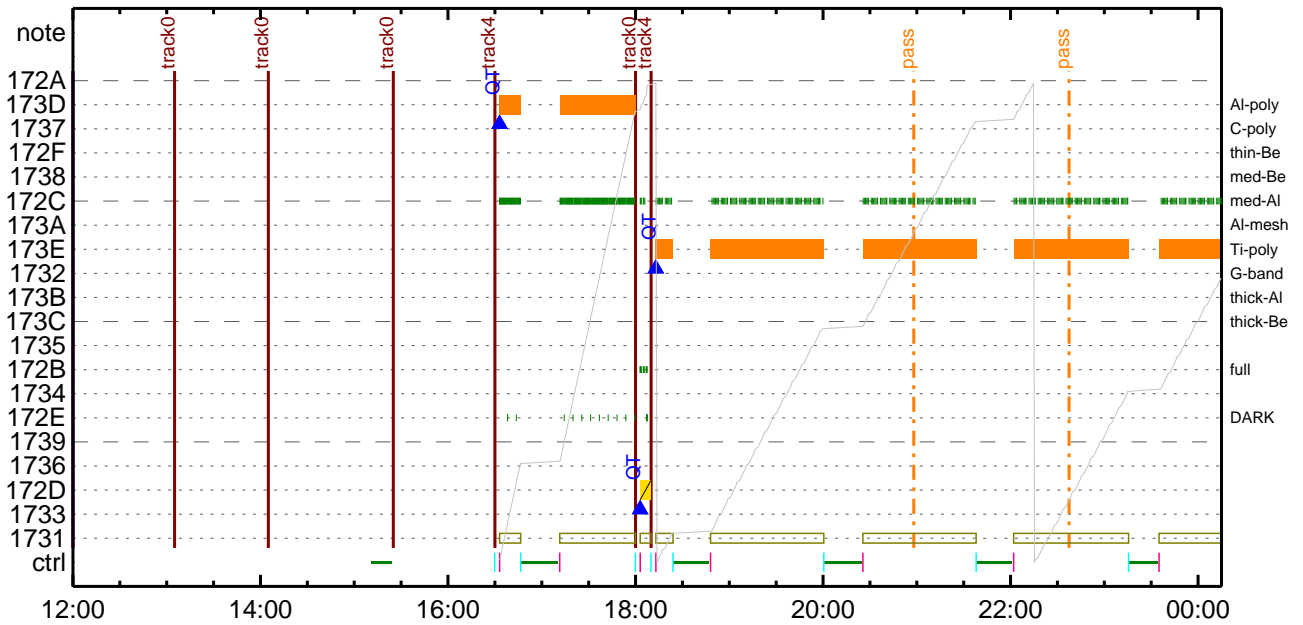
* * * * *
                        Flare Detection
                        NOT USED
                        * * * * *

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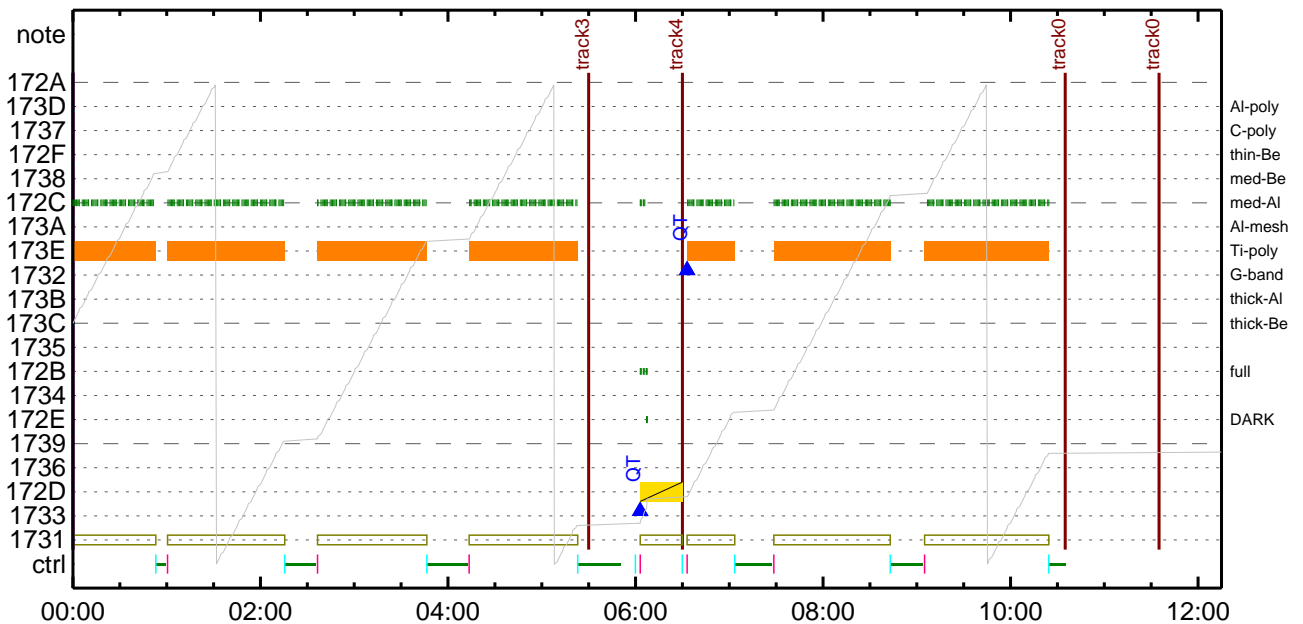
CMDI #0964 2009/12/12



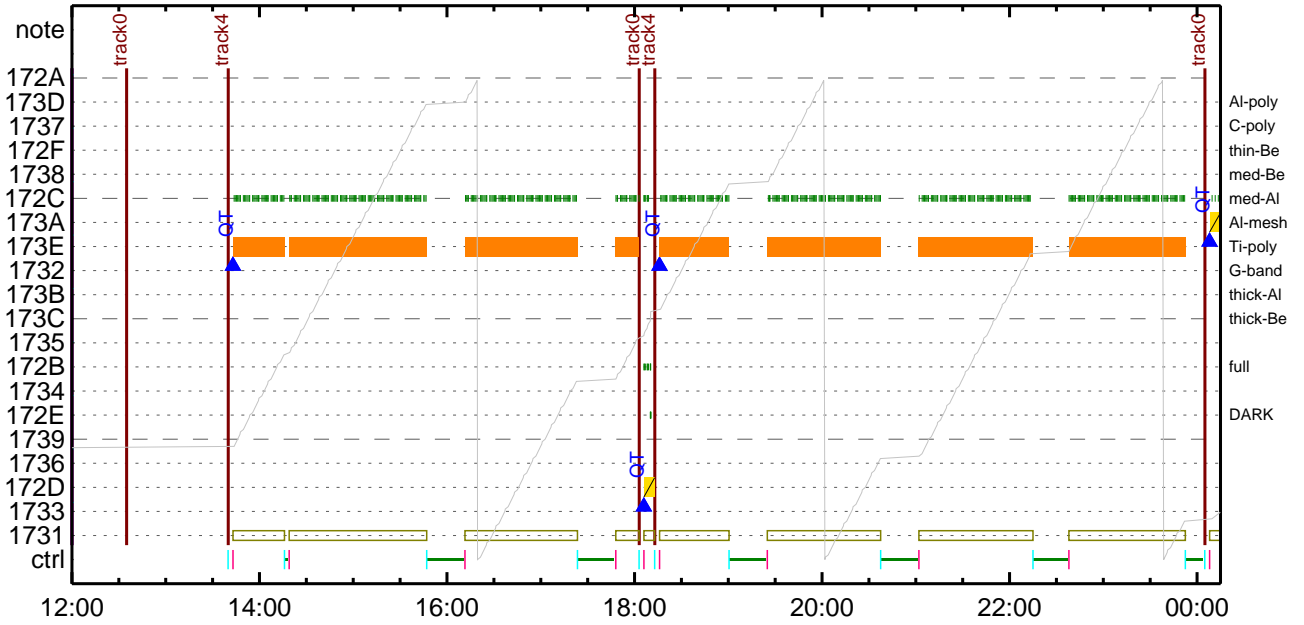
CMDI #0964 2009/12/12



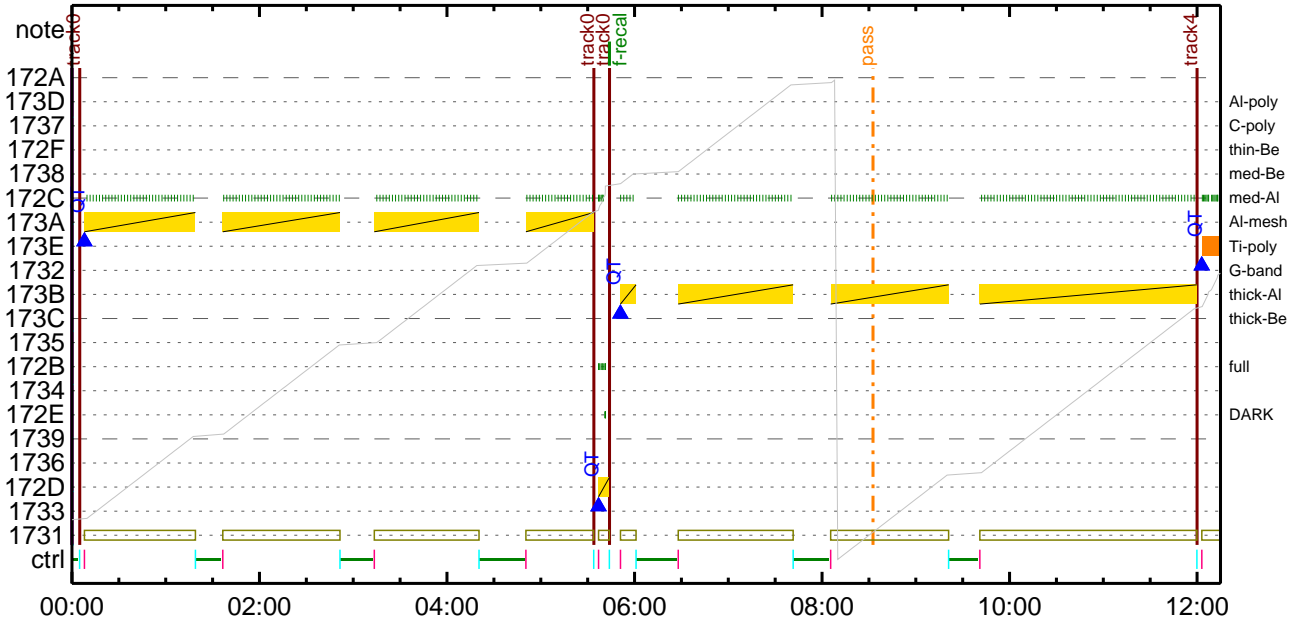
CMDI #0964 2009/12/13



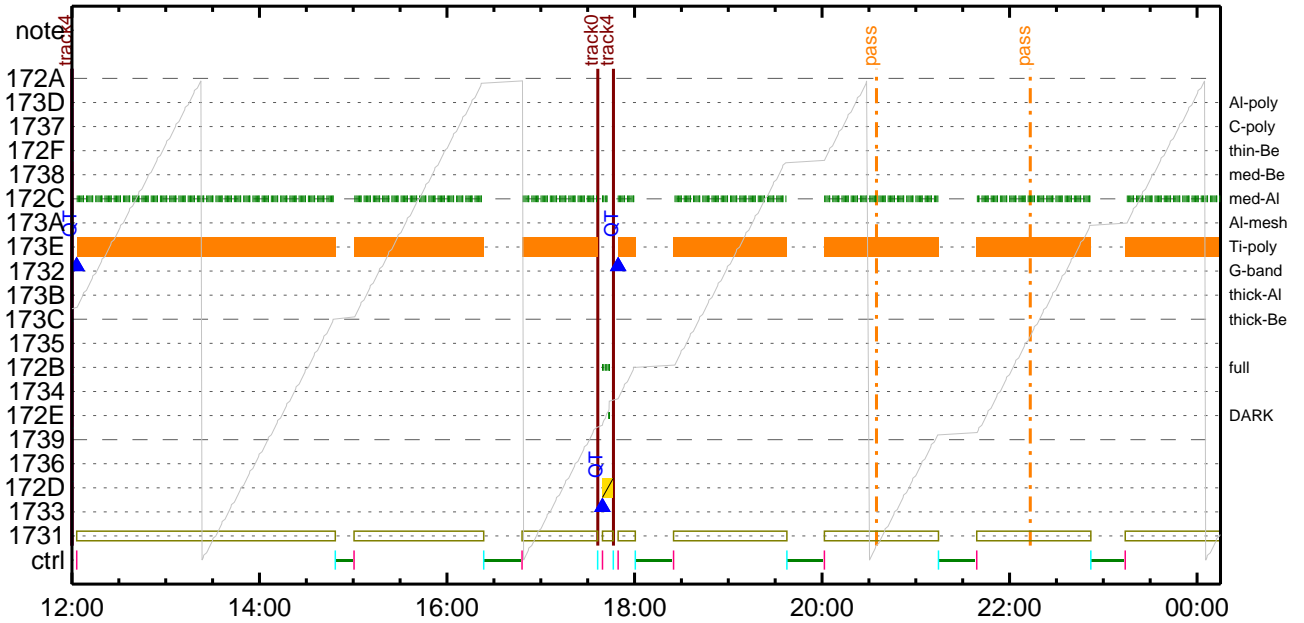
CMDI #0964 2009/12/13



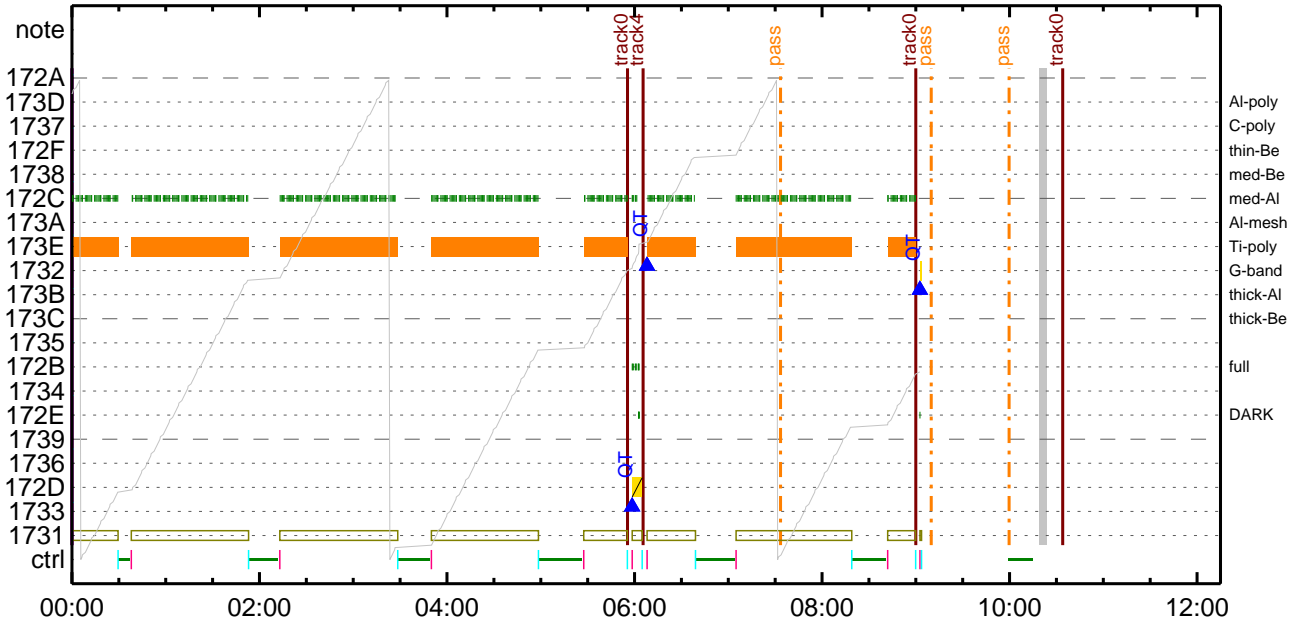
CMDI #0964 2009/12/14



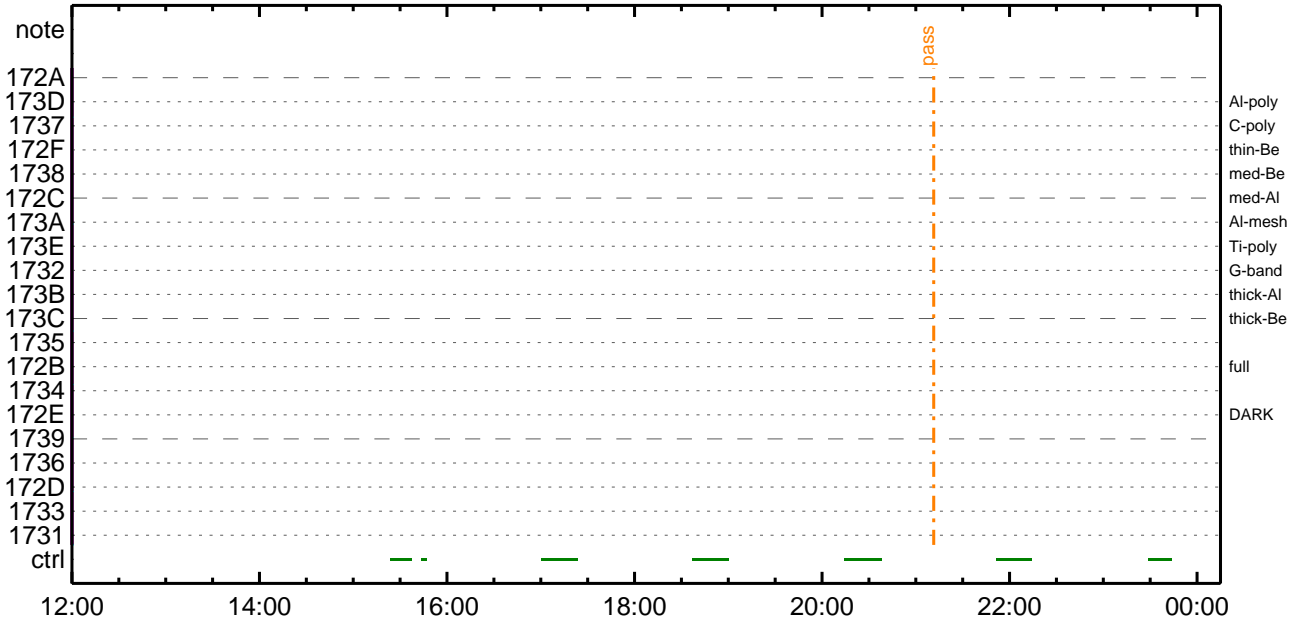
CMDI #0964 2009/12/14



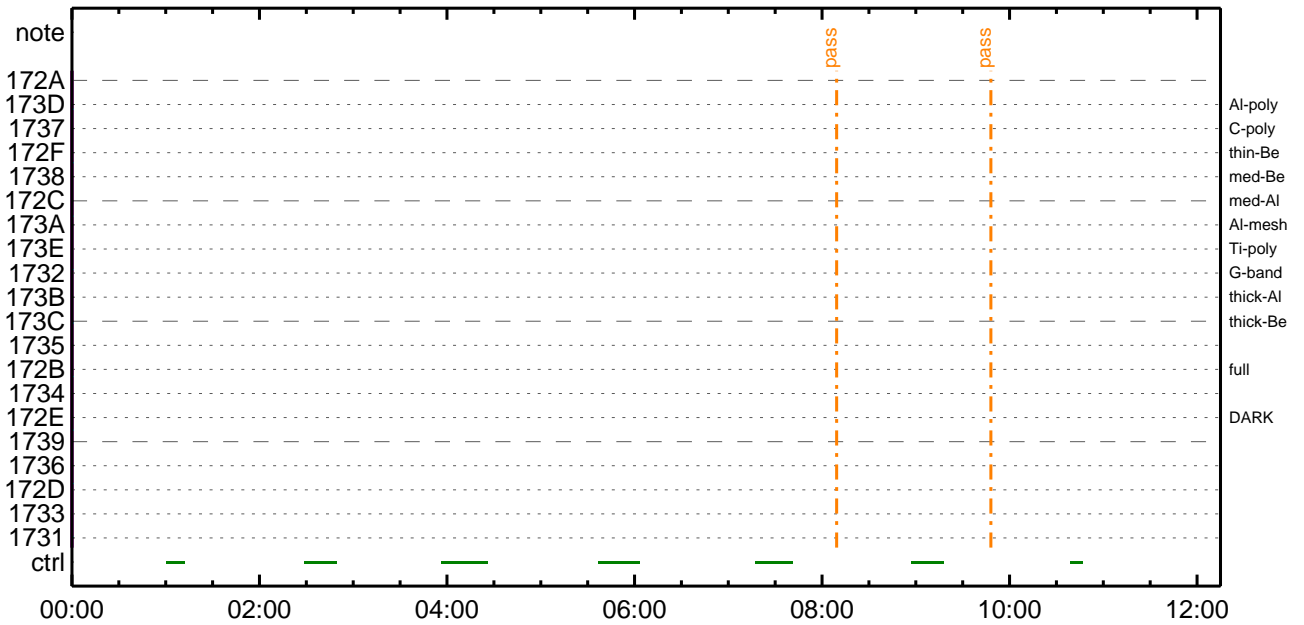
CMDI #0964 2009/12/15



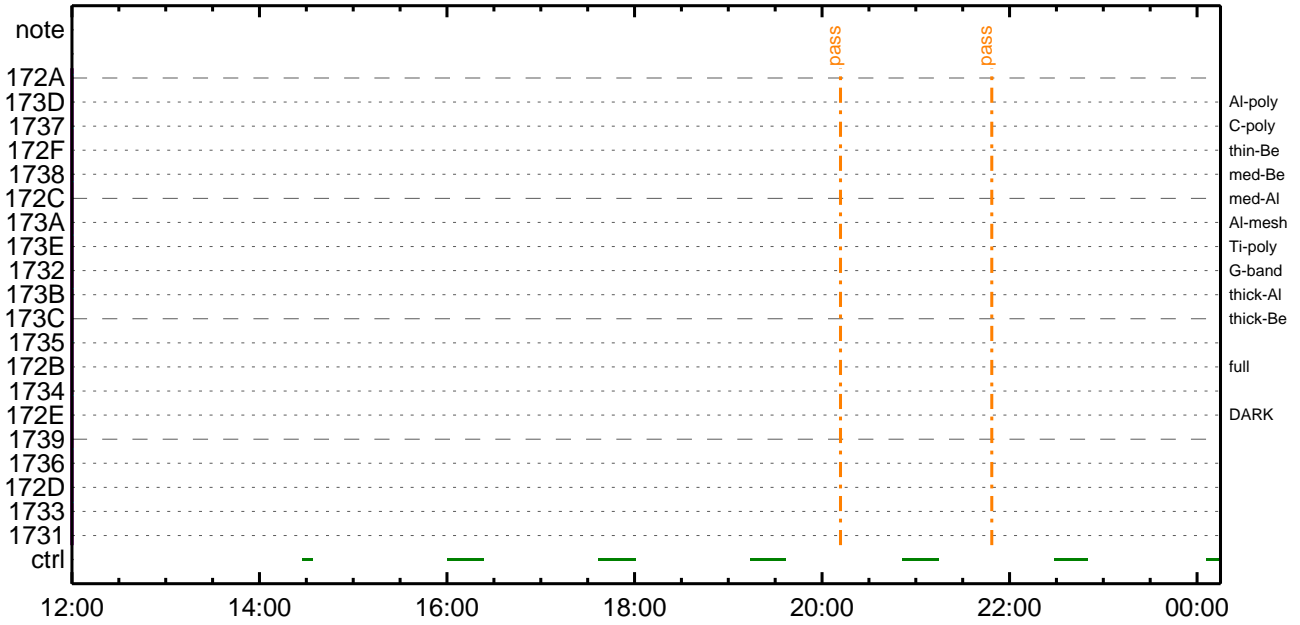
CMDI #0964 2009/12/15



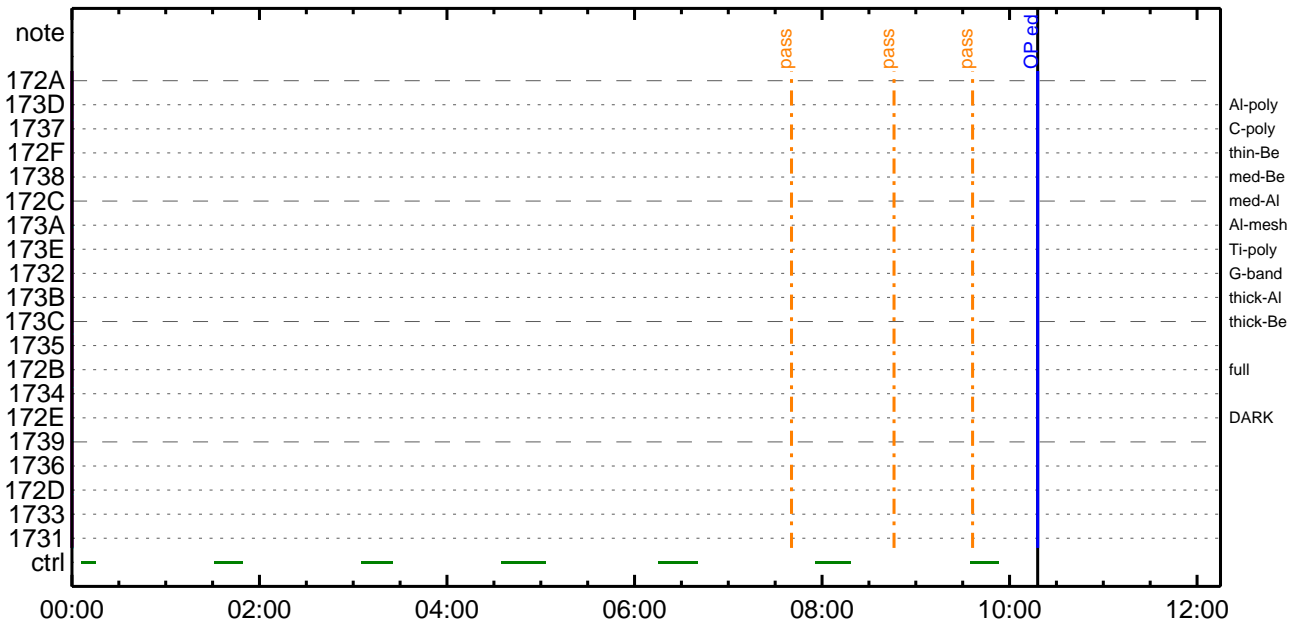
CMDI #0964 2009/12/16



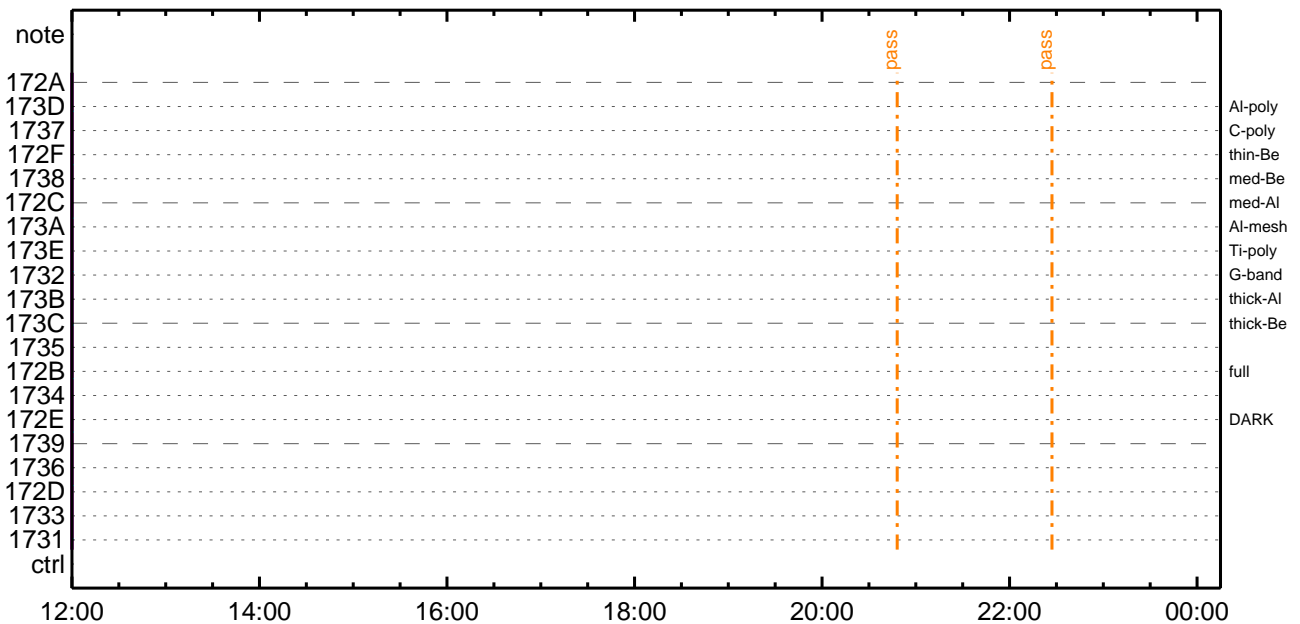
CMDI #0964 2009/12/16



CMDI #0964 2009/12/17



CMDI #0964 2009/12/17




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-042:OP
0104 ( )
0105 S. OG og-042:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYôYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYôYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYôYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYôYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °E²¼²î¼E¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;4YE;E½Y½;Yi;4YE;E²òîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷ç@NG²î¼E¹ç•è²¼²îTI-CMDÁ÷ç²î¼E¹Ô²•²E²²²³²E;f
0180 C. ²²²ç;çSET²E²DUMP²îE²±²îY²¹²ç¹Ô²|²³²E;f
0181 C.
0182 C. TIY³Y²YôYE²ò²ÁDîç(UT)
0183 +. TI 2009-12-12 10:37:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-12-12 10:37:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-12-12 10:37:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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(a) Spacecraft Operation Procedure (real-commands)

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main-044 2009-12-12 12:26:32 92 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;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;È□¿□Á□•µ°È×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;È□È¼°Ç□□•□¿¼í¹ç□í;çÁ®, ù□¹□è□□□çÁ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 08 08)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0c 85 83 08 08)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0d 80 60 20 18)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0e 80 a0 20 18)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0f 80 80 06 06)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 10 80 80 04 04)
0062 + DC 07-F0 MDP_XRT_AEC_RESET
0063 BC (d0)
0064 . C. ----- Success Verify ? OK / NG ____
0065 C.
0066 C.
0067 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0068 C.
0069 +. DC 07-F0 MDP_XRT_MODE_OBSV
0070 BC (c2)
0071 +. TI 2009-12-12 10:41:02.0
0072 DC 07-F0 MDP_XRT_MODE_OBSV
0073 BC (c2)
0074 . C. ----- Success Verify ? OK / NG ____
0075 C.
0076 C. ***** XRT END *****
0077 C.
0078 . C. ***** MDP `úÁí□í»ö¼Y□ÈÁ□¹□èDCBC•x²è *****
0079 C. (¼á°íYÓYÁYÈY¥YÈYáYçYÈè¼□□¼Á»Û¹□è)
0080 . S. DC-BC dcbc-402:DCBC
0081 (MDP_known_event)
0082 C.
0083 C.
0084 . C. ***** YD¥¹•í Daily±¿íÑ□È´Ø□¹□èDCBC•x²è *****
0085 . S. DC-BC dcbc-153:DCBC
0086 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0087 C.
0088 C.
0089 . C. ;ãLOS¥ÁY$YÁY-¼Á»Û;ã
0090 C.
0091 . C. ***** LOS *****
0092 C.
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Dec 12, 09 12:26

XRT_OGLIST_0964.chk

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*** OP Sequence for XRT ***

2009/12/12	13:05:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	d7	75	00	00
2009/12/12	14:05:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	28	8b	00	00
2009/12/12	15:25:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	c9	f4	00	00
2009/12/12	16:29:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	16:29:56.0	XRT_AEC_RESET_403_OG [0x193]							
		MDP_XRT_AEC_RESET	1	07-F0		d0			
2009/12/12	16:29:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/12/12	16:30:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00	00	00	00
2009/12/12	16:30:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/12/12	16:30:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/12/12	16:30:22.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/12/12	16:33:00.0	XRT_QT_PROG_SET_433_OG [0x1b1]							
		MDP_XRT_QT_PROG_SET	2	07-F0		c4	13		
2009/12/12	16:33:02.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/12	16:46:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	17:10:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/12	17:11:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/12	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	17:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/12/12	18:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/12/12	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/12/12	18:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/12/12	18:00:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/12/12	18:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0		c4	03		
2009/12/12	18:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/12	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	18:09:56.0	XRT_AEC_RESET_403_OG [0x193]							
		MDP_XRT_AEC_RESET	1	07-F0		d0			
2009/12/12	18:09:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/12/12	18:10:00.5	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00	00	00	00
2009/12/12	18:10:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0		d9			
2009/12/12	18:10:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2009/12/12	18:10:22.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2009/12/12	18:13:00.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0		c4	0d		
2009/12/12	18:13:02.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/12	18:24:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	18:47:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/12	18:48:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/12	20:00:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	20:24:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/12	20:25:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/12	21:38:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	22:01:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/12	22:02:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/12	23:15:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/12	23:34:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/12	23:35:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/13	00:53:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/13	00:59:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/13	01:00:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2009/12/13	02:15:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2009/12/13	02:35:30.0	XRT_Custom_420_OG [0x1a4]							

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2009/12/13	02:36:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	03:46:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	04:12:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/13	04:13:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	05:23:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	05:30:00.0	AOCS_OrE-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/12/13	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	05:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/12/13	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/13	06:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/13	06:00:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/13	06:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/12/13	06:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	06:29:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	06:29:56.0	XRT_AEC_RESET_403_OG [0x193]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/12/13	06:29:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/12/13	06:30:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/12/13	06:30:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/13	06:30:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/13	06:30:22.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/13	06:33:00.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/12/13	06:33:02.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	07:03:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	07:27:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/13	07:28:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	08:43:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	09:04:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/13	09:05:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	10:24:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	10:35:00.0	AOCS_OrE-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 f2 7f 00 00				
2009/12/13	11:35:00.0	AOCS_OrE-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00 0d 81 00 00				
2009/12/13	12:35:00.0	AOCS_OrE-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00 36 0c 00 00				
2009/12/13	13:39:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	13:39:56.0	XRT_AEC_RESET_403_OG [0x193]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/12/13	13:39:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/12/13	13:40:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/12/13	13:40:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/13	13:40:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/13	13:40:22.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/13	13:43:00.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/12/13	13:43:02.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	14:16:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	14:18:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/13	14:19:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	15:47:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	16:10:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/13	16:11:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/13	17:23:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/13	17:47:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/13	17:48:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							

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2009/12/13	18:02:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/13	18:02:56.0	XRT_FOCUS_POSITION_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/13	18:03:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/12/13	18:03:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2009/12/13	18:03:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/13	18:03:20.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/13	18:05:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/13	18:06:00.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/12/13	18:12:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/13	18:12:56.0	XRT_AEC_RESET_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/13	18:12:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2009/12/13	18:13:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/12/13	18:13:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	04 00 00 00 00
2009/12/13	18:13:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/13	18:13:22.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/13	18:16:00.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/13	18:16:02.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2009/12/13	19:00:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/13	19:24:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/13	19:25:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/13	20:37:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/13	21:01:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/13	21:02:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/13	22:15:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/13	22:37:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/13	22:38:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/13	23:52:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	00:04:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	00:04:56.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/12/14	00:05:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 b4 73 00 00
2009/12/14	00:05:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/14	00:05:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/14	00:05:20.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/14	00:07:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2009/12/14	00:08:00.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	01:19:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	01:35:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	01:36:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	02:51:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	03:12:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	03:13:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	04:20:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	04:49:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	04:50:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	05:33:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	05:33:56.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/12/14	05:34:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00 00
2009/12/14	05:34:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/14	05:34:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2009/12/14	05:34:20.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/14	05:36:58.0	XRT_QT_PROG_SET_414_OG [0x19e]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/12/14	05:37:00.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	05:43:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	05:43:56.0	XRT_FOCUS_RECALIBRATE_424_OG [0x1a8]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2009/12/14	05:44:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]			
		AOCU_NM	5	02-76	00 4b 8d 00 00
2009/12/14	05:47:56.0	XRT_FOCUS_POSITION_408_OG [0x198]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/12/14	05:48:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/14	05:48:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/14	05:48:20.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/14	05:50:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2009/12/14	05:51:00.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	06:01:00.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	06:27:00.0	XRT_Custom_420_OG [0x1a4]			
2009/12/14	06:28:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	07:41:30.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	08:04:30.0	XRT_Custom_420_OG [0x1a4]			
2009/12/14	08:05:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	09:21:00.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	09:40:00.0	XRT_Custom_420_OG [0x1a4]			
2009/12/14	09:41:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	11:59:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	11:59:56.0	XRT_AEC_RESET_403_OG [0x193]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2009/12/14	11:59:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/12/14	12:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	04 00 00 00 00
2009/12/14	12:00:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/14	12:00:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/14	12:00:22.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/14	12:03:00.0	XRT_QT_PROG_SET_441_OG [0x1b9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2009/12/14	12:03:02.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	14:48:30.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	14:59:30.0	XRT_Custom_420_OG [0x1a4]			
2009/12/14	15:00:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	16:23:30.0	XRT_CTRL_MANU_419_OG [0x1a3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	16:47:00.0	XRT_Custom_420_OG [0x1a4]			
2009/12/14	16:48:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	17:36:24.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	17:36:26.0	XRT_FOCUS_POSITION_408_OG [0x198]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/12/14	17:36:30.0	AOCS_ORe-point_Start_5_OG [0x09b]			
		AOCU_NM	5	02-76	00 00 00 00 00
2009/12/14	17:36:46.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/14	17:36:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/14	17:36:50.0	XRT_ARS_DIS_411_OG [0x19b]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/14	17:39:28.0	XRT_QT_PROG_SET_414_OG [0x19e]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/12/14	17:39:30.0	XRT_CTRL_AUTO_407_OG [0x197]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/14	17:46:24.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/14	17:46:26.0	XRT_AEC_RESET_403_OG [0x193]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2009/12/14	17:46:28.0	XRT_FOCUS_POSITION_413_OG [0x19d]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/12/14	17:46:30.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	04 00 00 00 00
2009/12/14	17:46:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9

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2009/12/14	17:46:50.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/14	17:46:52.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/14	17:49:30.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/12/14	17:49:32.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/14	18:00:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/14	18:24:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/14	18:25:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/14	19:37:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/14	20:00:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/14	20:01:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/14	21:14:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/14	21:38:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/14	21:39:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/14	22:52:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/14	23:13:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/14	23:14:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	00:29:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	00:37:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/15	00:38:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	01:53:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	02:12:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/15	02:13:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	03:28:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	03:49:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/15	03:50:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	04:58:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	05:26:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/15	05:27:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	05:55:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	05:55:26.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/12/15	05:55:30.0	AOCS_OrE-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/12/15	05:55:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/15	05:55:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/15	05:55:50.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/15	05:58:28.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/12/15	05:58:30.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	06:04:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	06:04:56.0	XRT_AEC_RESET_403_OG [0x193]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/12/15	06:04:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/12/15	06:05:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/15	06:05:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/15	06:05:22.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/15	06:05:30.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2009/12/15	06:08:00.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2009/12/15	06:08:02.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	06:39:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	07:04:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/15	07:05:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	08:19:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/15	08:41:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/15	08:42:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/15	08:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							

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2009/12/15	08:59:56.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/15	08:59:58.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/15	09:00:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/15	09:00:00.5	XRT_ARS_DIS_411_OG [0x19b]	AOCU_NM	5	02-76	00 bc 73 00 00
2009/12/15	09:02:38.5	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/15	09:02:40.5	XRT_CTRL_AUTO_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/12/15	09:03:40.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/15	10:34:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			AOCU_NM	5	02-76	00 00 00 00 00