

# XRT Timeline to be uploaded on 2009/12/10

Period: 2009/12/10 10:34:00 - 2009/12/15 10:24:00

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## Normal mode

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<b>XOB #173C: W-Limb Q98 Med-AI - 2x2 - 65s</b>												
Term	Pointing (x, y)		Comment									
12/11 09:33:06 - 12/11 10:49:30	Fixed ( 949.0, 0.0)		* W limb EIS observations, for slit calibration.									
<b>PROG= 10 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 99 1-time(s) 120.0sec												
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	64.0s	Obs	2x2	1536x2048 (768, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	
<b>XOB #173A: N-Pole Q98 Med-AI - 2x2 - 65s</b>												
Term	Pointing (x, y)		Comment									
12/11 10:58:00 - 12/11 11:59:54	Fixed ( 0.0, 912.0)		* HOP 143, SOT super resolution observations, at N pole.									
<b>PROG= 14 Inf.-time(s)</b>												
└─ 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	
<b>XOB #173B: S-Pole Q98 Med-AI - 2x2 - 65s</b>												
Term	Pointing (x, y)		Comment									
12/11 12:03:00 - 12/11 14:34:54	Fixed ( 0.0, -912.0)		* HOP 143 cont., S pole. Also EIS studies.									
<b>PROG= 11 Inf.-time(s)</b>												
└─ 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	
<b>XOB #1737: AR Dynamics - 1x1 - Med-AI - inner (512x512) and 2x2 - outer - lower cadence- Q95 - AEC 5 and AEC 2</b>												
Term	Pointing (x, y)		Comment									
12/11 14:46:02 - 12/11 16:10:00	Track ( 351.0, 217.6) <sup>Ⓜ 12/11 14:35:00</sup>		* Track active area for EIS abundance studies.									
12/11 16:38:02 - 12/11 17:47:00	Track ( -705.0, 337.4) <sup>Ⓜ 12/11 16:35:00</sup>		* Observations of AR at NE limb.									
12/11 18:23:30 - 12/11 20:59:54	Track ( -695.1, 337.6) <sup>Ⓜ 12/11 18:20:30</sup>		# Cont.									
<b>PROG= 18 Inf.-time(s)</b>												
└─ Subr= 1 5-time(s) 45.0sec												
└─ Seqn= 96 1-time(s) 2.0sec												
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	5	0	2.0sec
└─ Subr= 2 1-time(s) 130.0sec												
└─ Seqn= 93 1-time(s) 2.0sec												
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	16.0s	Obs	2x2	512x512 (1064, 1048)	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	
<b>XOB #172D: Synoptic Q95 med-AI + Dark (2x2 4x4 8x8 and cross strips)</b>												
Term	Pointing (x, y)		Comment									
12/11 18:13:30 - 12/12 05:57:24	Fixed ( 0.0, 0.0)		synoptic, shifted 10.5 min									
12/12 06:00:30 - 12/12 06:07:24	Track ( -95.0, -11.0) <sup>Ⓜ 12/11 21:00:00</sup>		* Helioseismology running for 16 hours. Track through disk center at synoptic time: 05:57:30									
<b>PROG= 03 1-time(s)</b>												
└─ 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	
<b>XOB #1739: Full Sun Q98 Med-AI - 4x4 - 2x2 - 1x1 - Med-AI - 65s</b>												
Term	Pointing (x, y)		Comment									
12/11 21:25:30 - 12/12 05:57:24	Track ( -95.0, -11.0) <sup>Ⓜ 12/11 21:00:00</sup>		* Helioseismology running for 16 hours. Track through disk center at synoptic time: 05:57:30									
12/12 06:10:30 - 12/12 09:40:00	Track ( -95.0, -11.0) <sup>Ⓜ 12/11 21:00:00</sup>		* Helioseismology running for 16 hours. Track through disk center at synoptic time: 05:57:30									
<b>PROG= 05 Inf.-time(s)</b>												
└─ Subr= 1 6-time(s) 2.0sec												
└─ Seqn= 94 4-time(s) 120.0sec												

└─┬─	med-AI/Open	med-AI/thick-AI close	Safe	Norm	64.0s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─┬─	<b>Seqn= 95</b>	<b>1-time(s)</b>	<b>2.0sec</b>									
└─┬─	med-AI/Open	med-AI/thick-AI close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─┬─	<b>Subr= 2</b>	<b>1-time(s)</b>	<b>65.0sec</b>									
└─┬─	<b>Seqn= 97</b>	<b>1-time(s)</b>	<b>2.0sec</b>									
└─┬─	med-AI/Open	med-AI/thick-AI close	Safe	Norm	64.0s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

**XOB #1732: Dark - Med-AI+Thick-Be - 8x8 - 512x512**

Term	Pointing (x, y)	Comment
12/12 09:42:46 - 12/12 09:43:46	Track ( -95.0, -11.0) @ 12/11 21:00:00	* Helioseismology running for 16 hours. Track through disk center at synoptic time: 05:57:30
<b>PROG= 12</b>	<b>1-time(s)</b>	
└─┬─	<b>Subr= 1</b>	<b>1-time(s)</b>
└─┬─	<b>Seqn= 91</b>	<b>1-time(s)</b>
└─┬─	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**

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NOT USED

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**Active Region Search**

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NOT USED

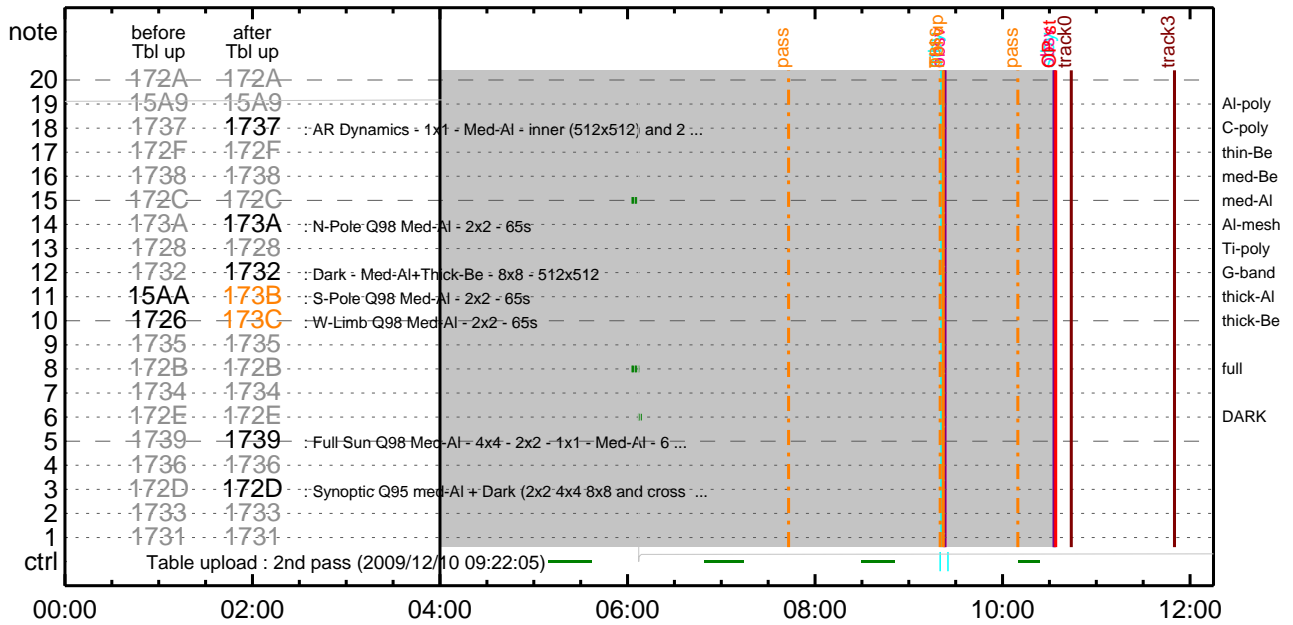
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**Flare Detection**

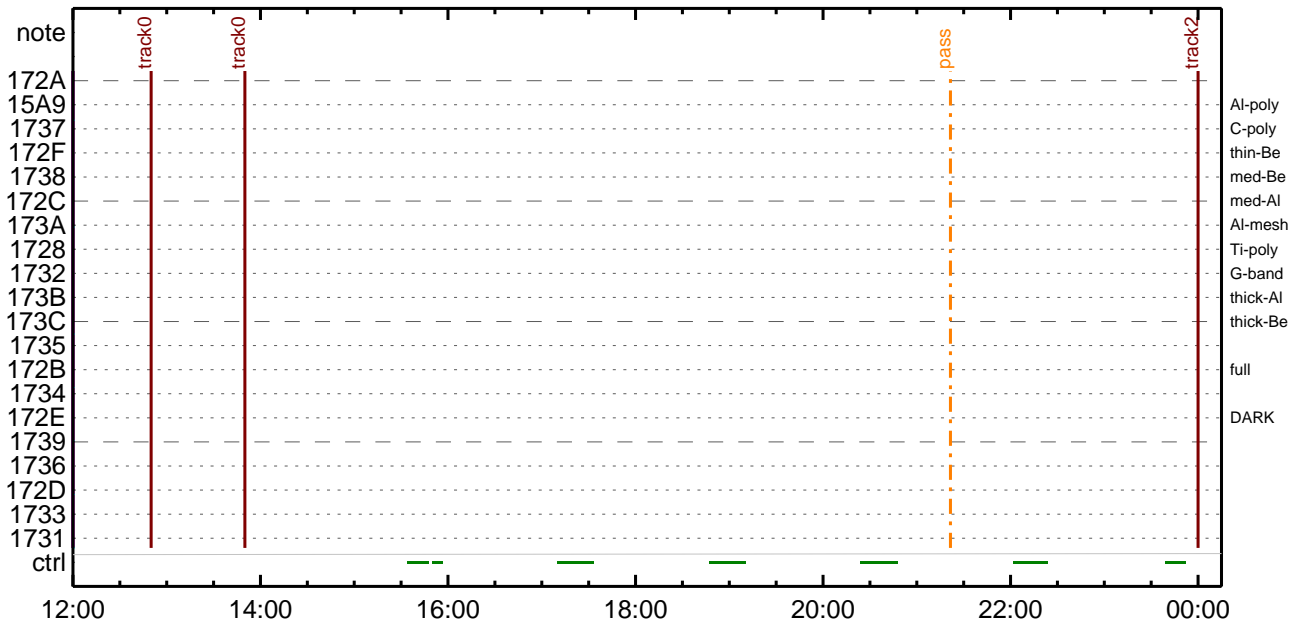
\* \* \* \* \*

NOT USED

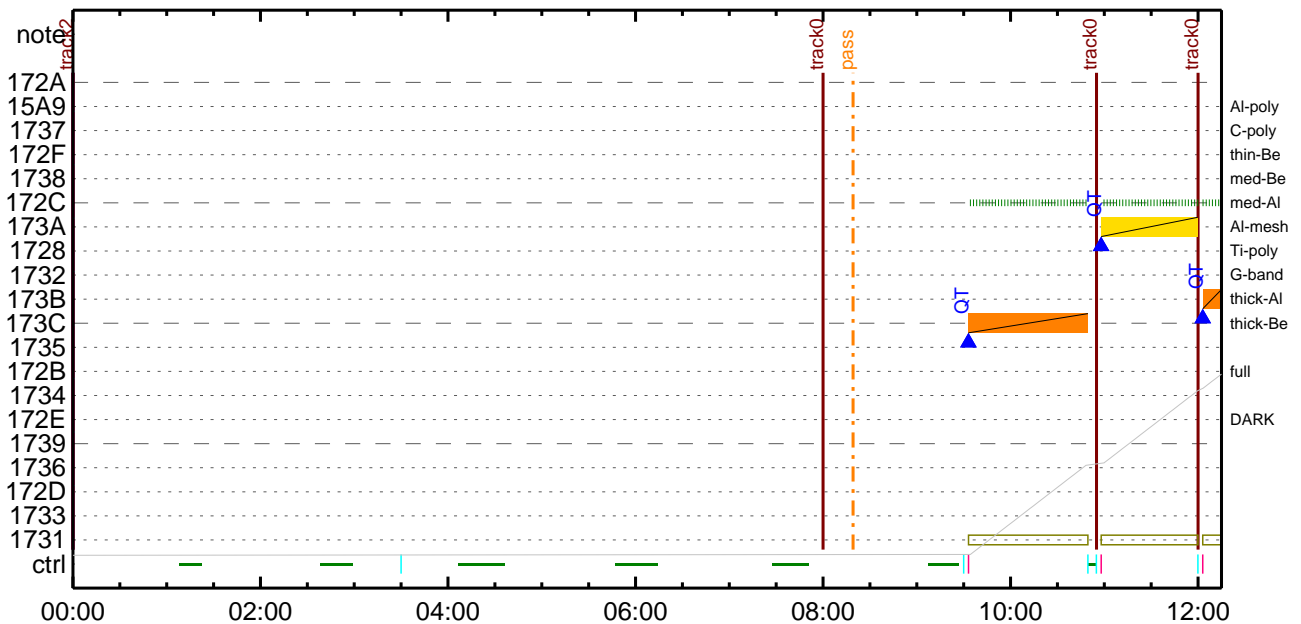
### CMDI #0955 2009/12/10



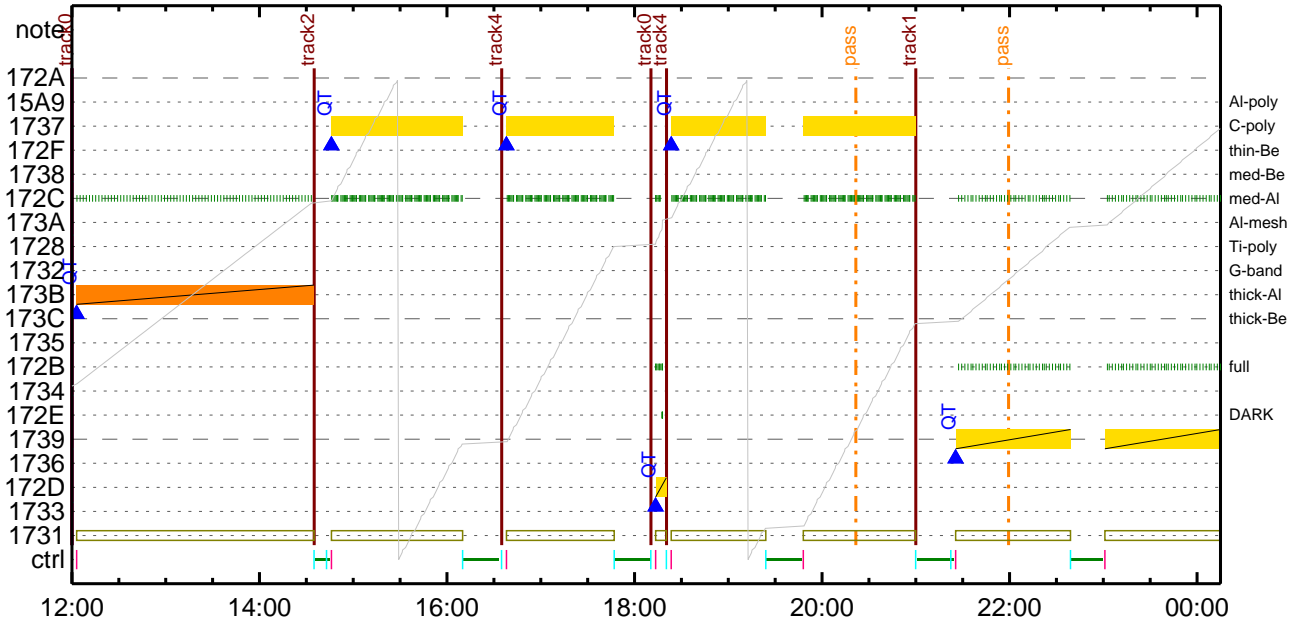
### CMDI #0955 2009/12/10



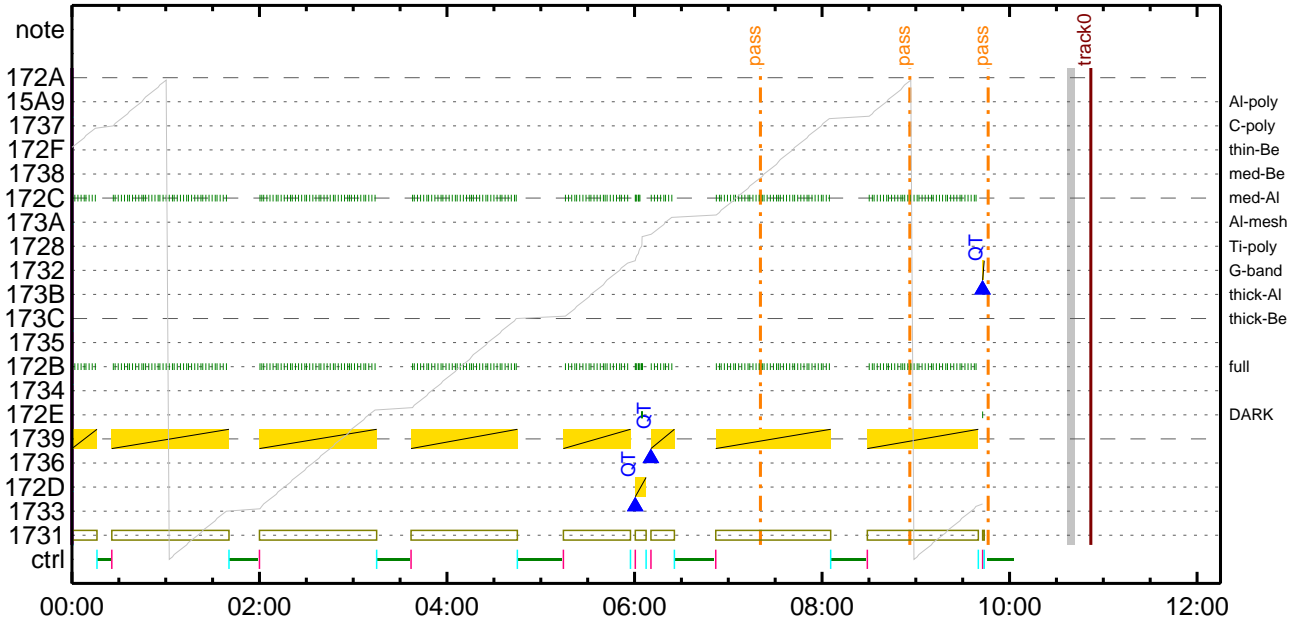
### CMDI #0955 2009/12/11



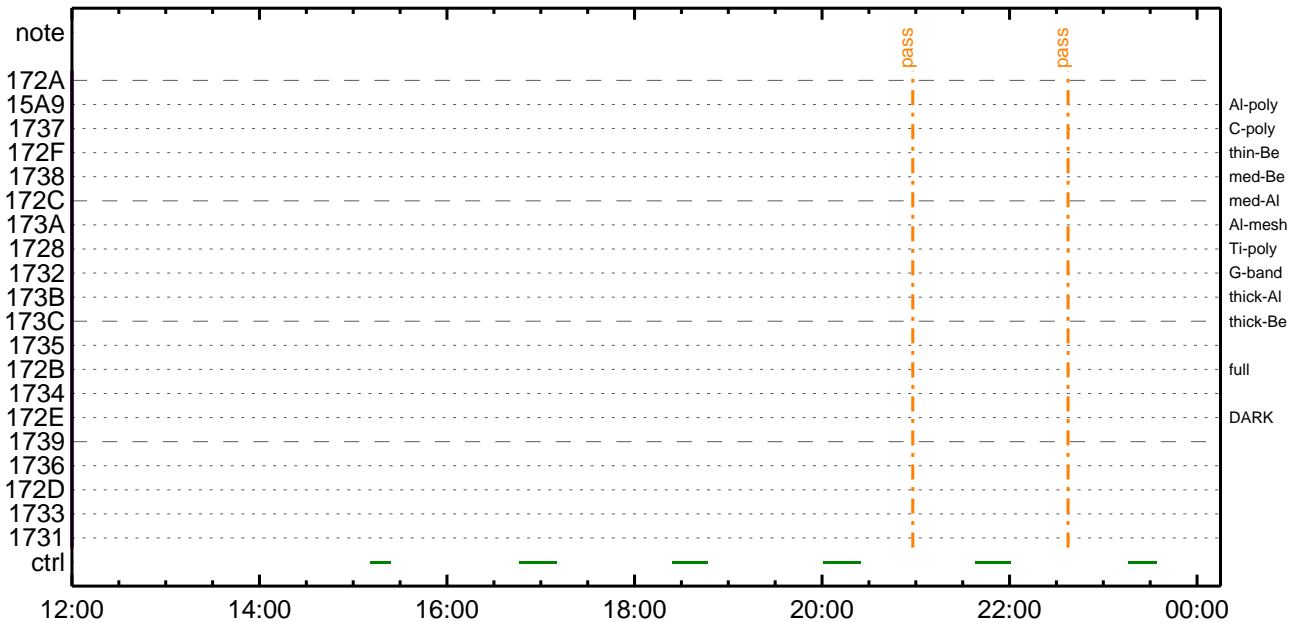
CMDI #0955 2009/12/11



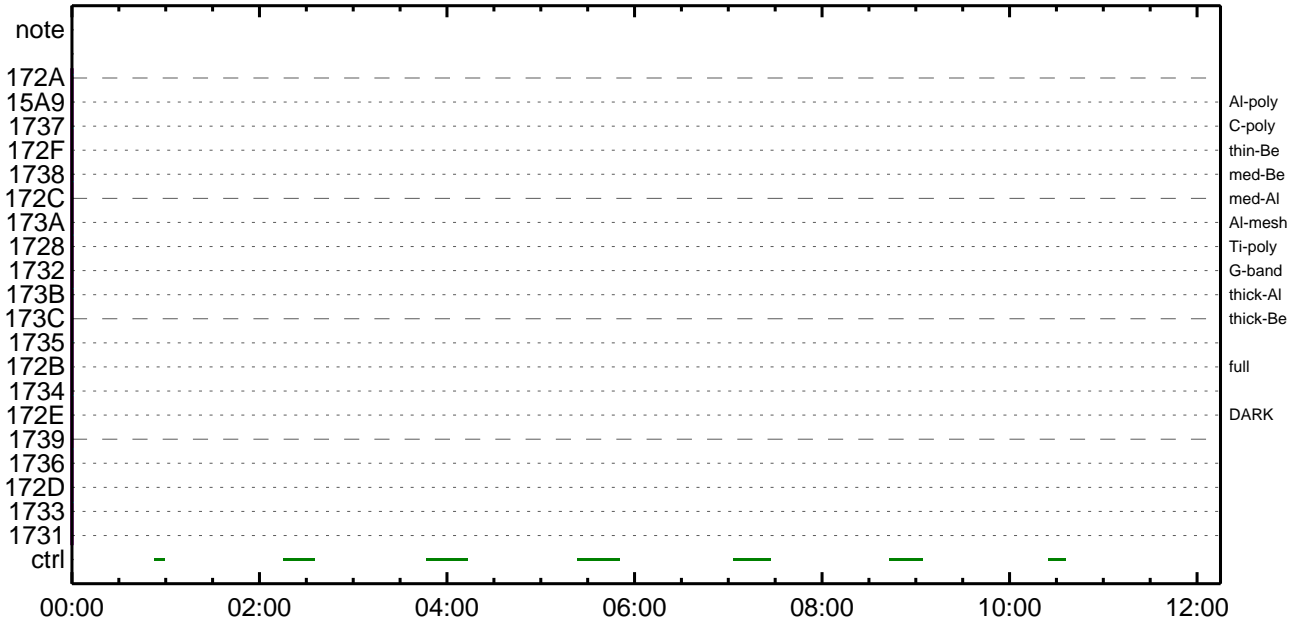
CMDI #0955 2009/12/12



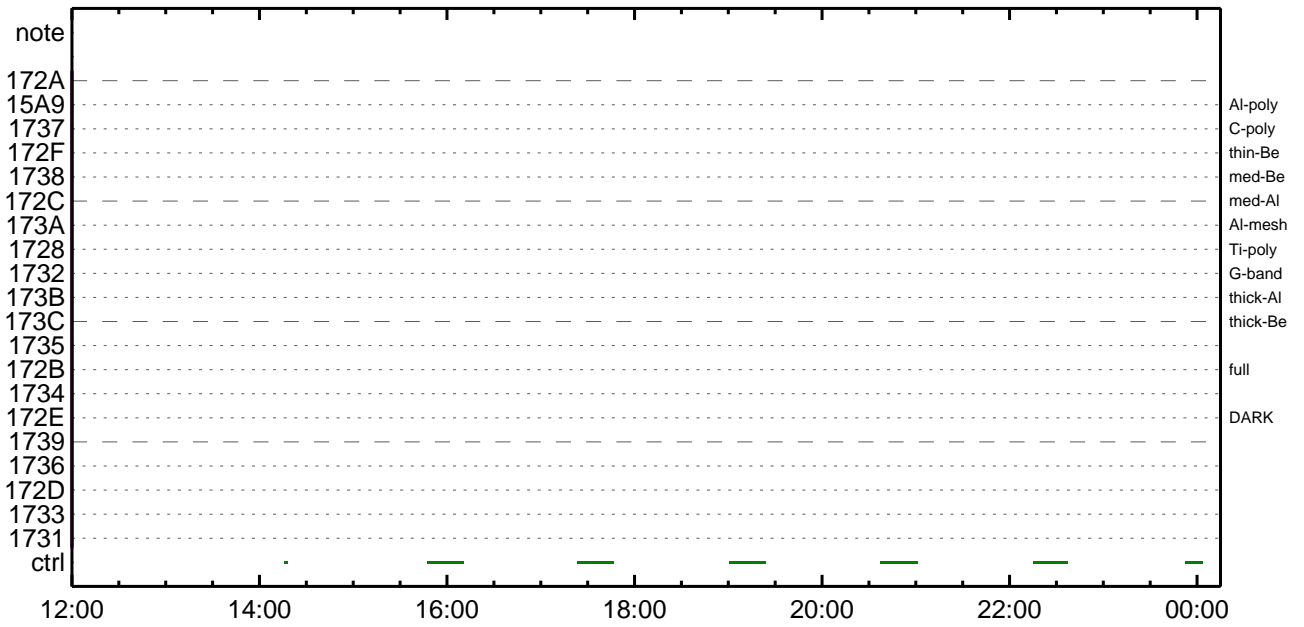
CMDI #0955 2009/12/12



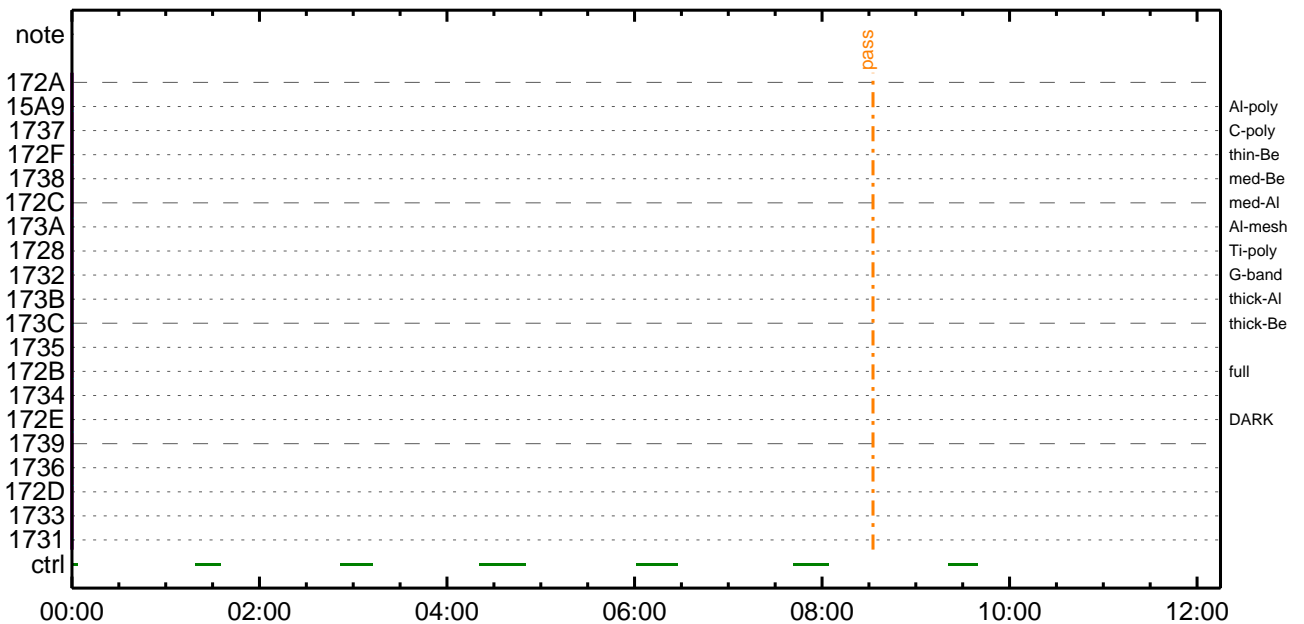
CMDI #0955 2009/12/13



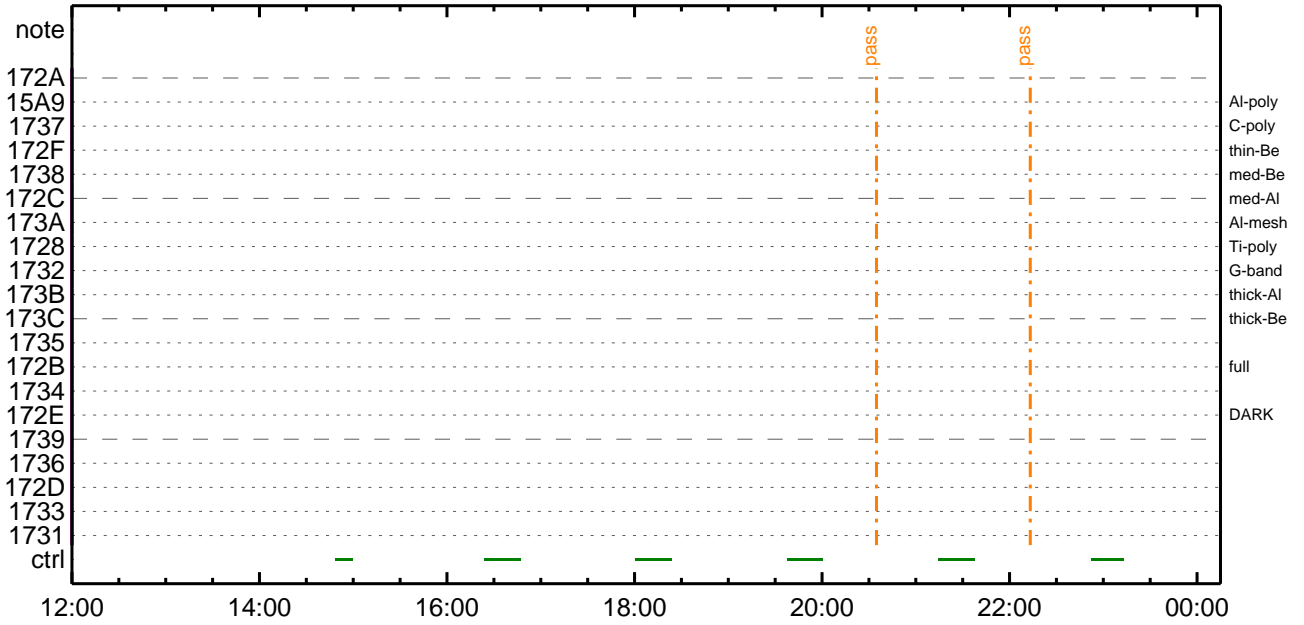
CMDI #0955 2009/12/13



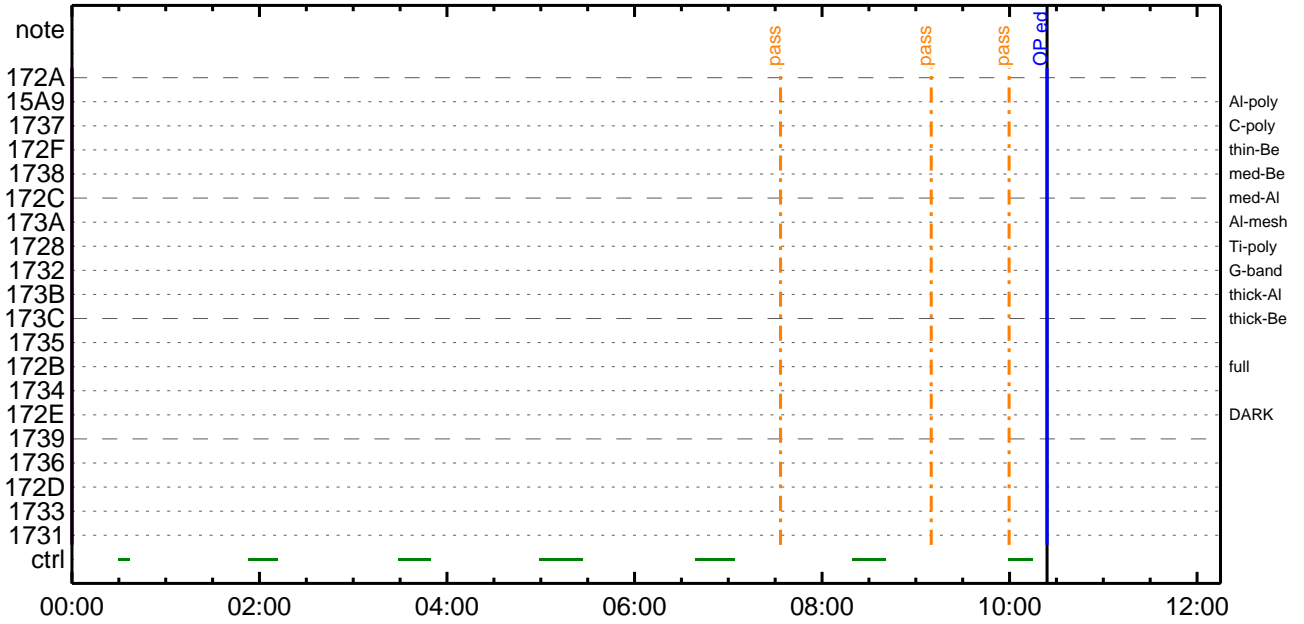
CMDI #0955 2009/12/14



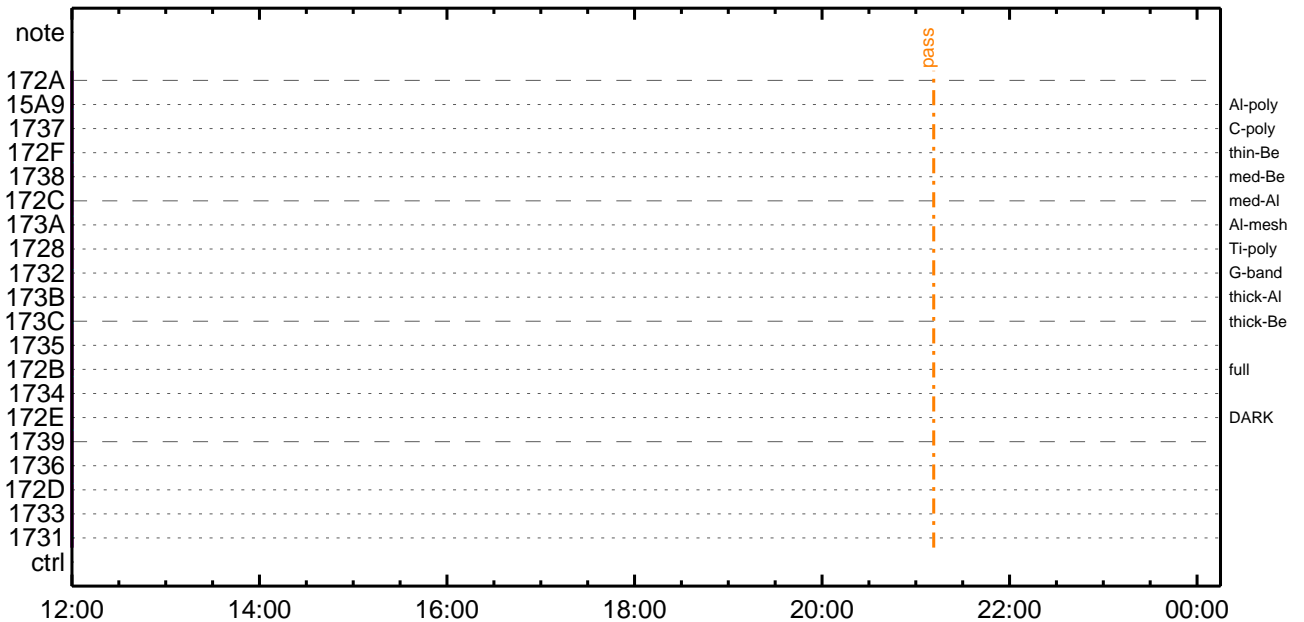
CMDI #0955 2009/12/14



CMDI #0955 2009/12/15



CMDI #0955 2009/12/15





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0096 . C.
0097 . C.
0098 . C. *****
0099 . C. OP/OGY1;4YEi;YAYOYx
0100 . C. *****
0101 . C.
0102 . C. iaOP/OGY1;4YEi;ä
0103 . S. OP op-036:OP
0104 . C. ()
0105 . S. OG og-036:OG
0106 . C. ()
0107 . C.
0108 . C. iaNMOG&OPi^i^e^YAYOYx;ä
0109 . C. NMOG(0x200000-0x207FFF;s 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. YAYOYx½^a i»od^içš
0125 . C.         çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOGai½E^iç.ë^iOKod^içš
0127 . C.
0128 . C. NMOG(0x208000-0x20FFFF;s 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. YAYOYx½^a i»od^içš
0144 . C.         çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOGai½E^iç.ë^iOKod^içš
0146 . C.
0147 . C. NMOG(0x210000-0x2100FF;s 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. YAYOYx½^a i»od^içš
0163 . C.         çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OPai½E^iç.ë^iOKod^içš
0165 . C.
0166 . C. ***** oE²¼o i½Å´¶i°oEÈ-aoÄ÷:¿@ (¼åµ-YAYOYx½E½çodÄÖæoç¼^a^"oE½i^içoçoa) *****
0167 . C. DHUYâ;4YEi;E½Y½,Yi;4YEi;EodIâ¹
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 | s OPOG UPLOADa-A÷:¿@NGuI½i^iç;ç°E²¼o iTI-CMDA÷:¿@ai½Ä¹Öa.oEoæo³oE;f
0180 . C.         oEo¿;çSEToEDUMPaE±o iYNY¹oç¹Öa|o³oE;f
0181 . C.
0182 . C. TIY³YpYóYÈodÄDí¿(UT)
0183 +. TI 2009-12-10 10:29:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 . C.         çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 . C.
0187 +. TI 2009-12-10 10:29:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 . C.         çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 . C.
0191 +. TI 2009-12-10 10:29:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 . C.         çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
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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 1m9s
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 2009-12-10 10:33:50.0
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. ***** XRT START *****
0153 C.
0154 +. DC 07-F0 MDP_XRT_CTRL_MANU
0155 BC (c1)
0156 + DC 07-F0 MDP_XRT_MODE_STBY
0157 BC (c3)
0158 . C. ----- Success Verify ? OK / NG____
0159 C.
0160 C. XRT Obs. Table Upload
0161 . S. RAM ram-291:MDP_OBS_X
0162 ( )
0163 C.
0164 +. DC 07-F0 MDP_DUMP_XRTTBL
0165 BC (84 07 00 00 00 3a d4)
0166 . C. ----- Comparison Check ? OK / ERR ____
0167 C.
0168 C.
0169 +. DC 07-F0 MDP_XRT_ROI_SET
0170 BC (cd 01 b1 b1 04 04)
0171 + DC 07-F0 MDP_XRT_ROI_SET
0172 BC (cd 02 b1 b1 08 08)
0173 + DC 07-F0 MDP_XRT_ROI_SET
0174 BC (cd 03 b1 b1 08 08)
0175 + DC 07-F0 MDP_XRT_ROI_SET
0176 BC (cd 04 b1 b1 06 06)
0177 + DC 07-F0 MDP_XRT_ROI_SET
0178 BC (cd 06 60 80 18 20)
0179 + DC 07-F0 MDP_XRT_ROI_SET
0180 BC (cd 07 80 80 20 20)
0181 + DC 07-F0 MDP_XRT_ROI_SET
0182 BC (cd 08 80 60 20 18)
0183 + DC 07-F0 MDP_XRT_ROI_SET
0184 BC (cd 09 80 a0 20 18)
0185 + DC 07-F0 MDP_XRT_ROI_SET
0186 BC (cd 0a 85 83 08 08)
0187 + DC 07-F0 MDP_XRT_ROI_SET
0188 BC (cd 0b 80 80 10 10)
0189 + DC 07-F0 MDP_XRT_ROI_SET
0190 BC (cd 0c 80 80 20 08)
0191 + DC 07-F0 MDP_XRT_ROI_SET
0192 BC (cd 0d 80 80 08 20)
0193 + DC 07-F0 MDP_XRT_ROI_SET

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0194 BC (cd 0e 80 80 08 08)
0195 + DC 07-F0 MDP_XRT_ROI_SET
0196 BC (cd 0f 80 80 06 06)
0197 + DC 07-F0 MDP_XRT_ROI_SET
0198 BC (cd 10 80 80 04 04)
0199 + DC 07-F0 MDP_XRT_AEC_RESET
0200 BC (d0)
0201 . C. ----- Success Verify ? OK / NG ____
0202 C.
0203 C.
0204 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0205 C.
0206 +. DC 07-F0 MDP_XRT_MODE_OBSV
0207 BC (c2)
0208 +. TI 2009-12-10 10:33:02.0
0209 DC 07-F0 MDP_XRT_MODE_OBSV
0210 BC (c2)
0211 . C. ----- Success Verify ? OK / NG ____
0212 C.
0213 C. ***** XRT END *****
0214 C. *****
0215 C. START of XRT_CCD_HEATER_ON operation
0216 C. *****
0217 C.
0218 +. DC 07-F0 MDP_XRT_CTRL_MANU
0219 BC (c1)
0220 C. ----- Success Verify ? OK / NG;
0221 C.
0222 +. DC 04-BC TCIB_XRT_S_HTR_A_ENA
0223 C. ----- Success Verify ? OK / NG;
0224 C.
0225 C. -----
0226 C. If anomalous situation appeared, execute TCIB_XRT_S_HTR_A_DIS using DCBC-441 (line 24)
0227 C. -----
0228 C. *****
0229 C. END of XRT_CCD_HEATER_ON operation
0230 C.
0231 . C. ***** MDP 'uAÎaî»ò%ÿaÊAÐa¹aèDCBC•x²è *****
0232 C. (%â°îÿÓÿÄÿÈÿPÿËÿâÿçÿèaÈ%¼aa¼A»Ûa¹aè)
0233 . S. DC-BC dcbc-402:DCBC
0234 (MDP_known_event)
0235 C.
0236 C.
0237 . C. ***** ÿDÿ¹•İ Daily±;îÑaÈ´Øa¹aèDCBC•x²è *****
0238 . S. DC-BC dcbc-153:DCBC
0239 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0240 C.
0241 C.
0242 . C. ;ãLOSÿÁÿSÿÿÿ¼A»Û;ã
0243 C.
0244 . C. ***** LOS *****
0245 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-038 2009-12-10 13:45:38 79 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÄŸ-¼Ä»Ü;ã
0005 C.
0006 C. ŸÄŸB;¼Ÿ³ŸFŸóŸÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÄã•µ°È»Í×ÁÇãíŸçŸÄŸ×Ÿí;¼ŸÉ;ÈÈè¼µ•íÉ;ÈÈÈ¼°ÇÓã•ã¿¼í¹çãí;çÄ®, ùã¹ãèãããÇÄ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-261:MDP_OBS_F
0026 ()
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 . C. < Stop SP table >
0036 +. DC 07-F0 MDP_SP_CTRL_MANU
0037 BC (61)
0038 C. -----
0039 C. MDP_SP_CTRL_MODE = MANU [ ]
0040 C. -----
0041 C.
0042 . C. <Upload SP Observation Table>
0043 . S. RAM ram-287:MDP_OBS_S
0044 ()
0045 C.
0046 . C. < Dump RAMID=MDP_OBS_S >
0047 +. DC 07-F0 MDP_DUMP_SPTBL
0048 BC (83 07 00 00 00 38 b8)
0049 C. -----
0050 C. MDP_OBS_S verify = OK/NG [ ]
0051 C. -----
0052 C.
0053 C. *****
0054 C. SOT TI command set
0055 C. *****
0056 C. Execute, after the success of TBL upload.
0057 +. TI 2009-12-10 10:33:18.0
0058 DC 07-F0 MDP_SOT_MODE_OBSV
0059 BC (40)
0060 . C. -----
0061 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0062 C. -----
0063 C.
0064 C.
0065 . C. ***** MDP `ûÄîãî»ó¼ŸãÈÄã¹ãèDCBC•x²è *****
0066 C. (¼ã°íŸóŸÄŸÈŸŸŸÈŸáŸçŸèãÈ¼ã¼Ä»Üã¹ãè)
0067 . S. DC-BC dcbc-402:DCBC
0068 (MDP_known_event)
0069 C.
0070 C.
0071 . C. ***** ŸDŸ¹.İ Daily±;íÑãÈ`Øã¹ãèDCBC•x²è *****
0072 . S. DC-BC dcbc-153:DCBC
0073 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0074 C.
0075 C.
0076 . C. ;ãLOSŸÁŸSŸÄŸ-¼Ä»Ü;ã
0077 C.
0078 . C. ***** LOS *****
0079 C.
```

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\*\*\* OP Sequence for XRT \*\*\*

2009/12/10	10:44:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 43 8d	00 00	
2009/12/10	11:50:00.0	AOCS_OrE-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	03 00 00	00 00	
2009/12/10	12:50:00.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 1b 02	00 00	
2009/12/10	13:50:00.0	AOCS_OrE-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 ab a6	00 00	
2009/12/11	00:00:00.0	AOCS_OrE-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	02 00 00	00 00	
2009/12/11	03:30:00.0	XRT_CTRL_MANU_419_OG [0x1a3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	03:30:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_431_OG [0x1af]					
		TCIB_XRT_S_HTR_A_DIS	0	04-C0			
2009/12/11	08:00:00.0	AOCS_OrE-point_Start_6_OG [0x09c]					
		AOCU_NM	5	02-76	00 00 00	ab a6	
2009/12/11	09:30:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	09:30:02.0	XRT_FOCUS_POSITION_408_OG [0x198]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2009/12/11	09:30:22.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/12/11	09:30:24.0	XRT_FLRCTRL_DIS_410_OG [0x19a]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/12/11	09:30:26.0	XRT_ARS_DIS_411_OG [0x19b]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/12/11	09:33:04.0	XRT_QT_PROG_SET_425_OG [0x1a9]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2009/12/11	09:33:06.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/12/11	10:49:30.0	XRT_CTRL_MANU_419_OG [0x1a3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	10:54:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	10:54:56.0	XRT_FOCUS_POSITION_408_OG [0x198]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2009/12/11	10:55:00.0	AOCS_OrE-point_Start_7_OG [0x09d]					
		AOCU_NM	5	02-76	00 ae f2	00 00	
2009/12/11	10:55:16.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/12/11	10:55:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/12/11	10:55:20.0	XRT_ARS_DIS_411_OG [0x19b]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/12/11	10:57:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2009/12/11	10:58:00.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/12/11	11:59:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	11:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2009/12/11	12:00:00.0	AOCS_OrE-point_Start_8_OG [0x09e]					
		AOCU_NM	5	02-76	00 51 0e	00 00	
2009/12/11	12:00:16.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/12/11	12:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/12/11	12:00:20.0	XRT_ARS_DIS_411_OG [0x19b]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/12/11	12:02:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2009/12/11	12:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/12/11	14:34:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	14:35:00.0	AOCS_OrE-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	02 00 00	00 00	
2009/12/11	14:42:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	14:42:56.0	XRT_AEC_RESET_403_OG [0x193]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/12/11	14:42:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00	
2009/12/11	14:43:18.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2009/12/11	14:43:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2009/12/11	14:43:22.0	XRT_ARS_DIS_411_OG [0x19b]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2009/12/11	14:46:00.0	XRT_QT_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2009/12/11	14:46:02.0	XRT_CTRL_AUTO_407_OG [0x197]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2009/12/11	16:10:00.0	XRT_CTRL_MANU_419_OG [0x1a3]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	16:34:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2009/12/11	16:34:56.0	XRT_AEC_RESET_403_OG [0x193]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2009/12/11	16:34:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]					

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2009/12/11	16:35:00.0	AOCS_OrE-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
		AOCU_NM		5	02-76	04	00	00	00
2009/12/11	16:35:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/12/11	16:35:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/12/11	16:35:22.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/12/11	16:38:00.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2009/12/11	16:38:02.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/11	17:47:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/11	18:10:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/11	18:10:26.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/12/11	18:10:30.0	AOCS_OrE-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00	00	00	00
2009/12/11	18:10:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/12/11	18:10:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/12/11	18:10:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/12/11	18:13:28.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2009/12/11	18:13:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/11	18:20:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/11	18:20:26.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/12/11	18:20:30.0	AOCS_OrE-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	04	00	00	00
2009/12/11	18:20:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/12/11	18:20:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/12/11	18:20:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/12/11	18:23:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2009/12/11	18:23:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/11	19:24:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/11	19:47:00.0	XRT_Custom_420_OG [0x1a4]		1	07-F0	c0			
2009/12/11	19:48:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/11	20:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/11	21:00:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	01	00	00	00
2009/12/11	21:22:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/11	21:22:26.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2009/12/11	21:22:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/12/11	21:22:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/12/11	21:22:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/12/11	21:25:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05		
2009/12/11	21:25:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/11	22:39:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/11	23:00:00.0	XRT_Custom_420_OG [0x1a4]		1	07-F0	c0			
2009/12/11	23:01:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/12	00:16:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/12	00:24:30.0	XRT_Custom_420_OG [0x1a4]		1	07-F0	c0			
2009/12/12	00:25:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/12	01:40:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/12	01:59:00.0	XRT_Custom_420_OG [0x1a4]		1	07-F0	c0			
2009/12/12	02:00:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/12	03:15:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/12	03:36:00.0	XRT_Custom_420_OG [0x1a4]		1	07-F0	c0			
2009/12/12	03:37:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/12/12	04:45:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/12/12	05:13:30.0	XRT_Custom_420_OG [0x1a4]		1	07-F0	c1			

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2009/12/12	05:14:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/12	05:57:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/12	05:57:26.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/12/12	05:57:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/12	05:57:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/12	05:57:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/12	06:00:28.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/12/12	06:00:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/12	06:07:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/12	06:07:26.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/12/12	06:07:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/12	06:07:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/12	06:07:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/12	06:10:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2009/12/12	06:10:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/12	06:25:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/12	06:51:00.0	XRT_Custom_420_OG [0x1a4]				
2009/12/12	06:52:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/12	08:05:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/12	08:28:00.0	XRT_Custom_420_OG [0x1a4]				
2009/12/12	08:29:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/12	09:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/12	09:40:02.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/12/12	09:40:04.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/12/12	09:40:06.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/12/12	09:42:44.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2009/12/12	09:42:46.0	XRT_CTRL_AUTO_447_OG [0x1bf]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/12/12	09:43:46.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/12/12	10:52:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 00 00 00 00