

XRT Timeline to be uploaded on 2009/11/21

Period: 2009/11/21 10:14:00 - 2009/11/26 09:31:00

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Normal mode

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XOB #1734: AR Dynamics - 2x2 - Med-AI - inner (wide) and outer - lower cadence- Q95 - AEC 5 and AEC 2												
Term	Pointing (x, y)		Comment									
11/21 10:27:00 - 11/21 14:59:54	Track (208.0, 215.5)	@ 11/21 10:24:00	# OP start + 10min, track AR 11032. HOP 142 over 11 - 13 UT.									
11/21 18:13:00 - 11/22 06:02:54	Track (276.0, 216.8)	@ 11/21 18:10:00	# Track AR 11032.									
11/22 18:19:00 - 11/23 05:36:54	Track (475.3, 221.6)	@ 11/22 18:16:00	# Track AR 11032.									
11/23 05:54:00 - 11/23 14:52:00	Track (562.2, 224.2)	@ 11/23 05:47:00	# Cont., HOP 142 over 11 - 13 UT.									
11/23 17:53:00 - 11/24 05:58:24	Track (645.6, 227.2)	@ 11/23 17:50:00	# Track AR 11032.									
11/24 06:11:30 - 11/24 10:36:54	Track (721.9, 230.3)	@ 11/24 06:08:30	# Cont.									
PROG= 07 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
├└ Seqn= 92 4-time(s) 45.0sec												
├└└ med-AI/Open med-AI/thick-AI close Safe Norm 16.0s Obs 2x2 1024x512 (1024, 1024) Q=95 5 0 2.0sec												
├ Subr= 2 1-time(s) 65.0sec												
├└ 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 #1732: Dark - Med-AI+Thick-Be - 8x8 - 512x512												
Term	Pointing (x, y)		Comment									
11/21 15:02:40 - 11/21 15:03:40	Fixed (658.0, 658.0)		* HOP 138, polarization scattering with IBIS, five pointings.									
11/22 15:02:40 - 11/22 15:03:40	Fixed (658.0, -678.0)		* HOP 138, polarization scattering with IBIS, five pointings.									
11/23 15:02:40 - 11/23 15:03:40	Fixed (352.0, 863.0)		* HOP 138, with IBIS, five pointings.									
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												

XOB #172D: Synoptic Q95 med-AI + Dark (2x2 4x4 8x8 and cross strips)												
Term	Pointing (x, y)		Comment									
11/21 18:03:00 - 11/21 18:09:54	Fixed (0.0, 0.0)		synoptic									
11/22 06:06:00 - 11/22 06:12:54	Fixed (0.0, 0.0)		synoptic, shifted 3.0 min									
11/22 18:09:00 - 11/22 18:15:54	Fixed (0.0, 0.0)		synoptic, shifted 6.0 min									
11/23 05:40:00 - 11/23 05:46:54	Fixed (0.0, 0.0)		synoptic, shifted -23.0 min									
11/23 17:43:00 - 11/23 17:49:54	Fixed (0.0, 0.0)		synoptic, shifted -20.0 min									
11/24 06:01:30 - 11/24 06:08:24	Fixed (0.0, 0.0)		synoptic, shifted -1.5 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 #1733: AR Dynamics - 2x2 - Med-AI - inner (wide) and outer - Q95 - AEC 5 and AEC 2												
Term	Pointing (x, y)		Comment									
11/22 06:16:00 - 11/22 14:59:54	Track (378.2, 219.0)	@ 11/22 06:13:00	# Cont., HOP 142 over 11 - 13 UT.									
PROG= 02 Inf.-time(s)												
├ Subr= 1 1-time(s) 2.0sec												
├└ Seqn= 92 4-time(s) 18.0sec												
├└└ med-AI/Open med-AI/thick-AI close Safe Norm 16.0s Obs 2x2 1024x512 (1024, 1024) Q=95 5 0 2.0sec												
├ Subr= 2 1-time(s) 65.0sec												
├└ 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												

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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

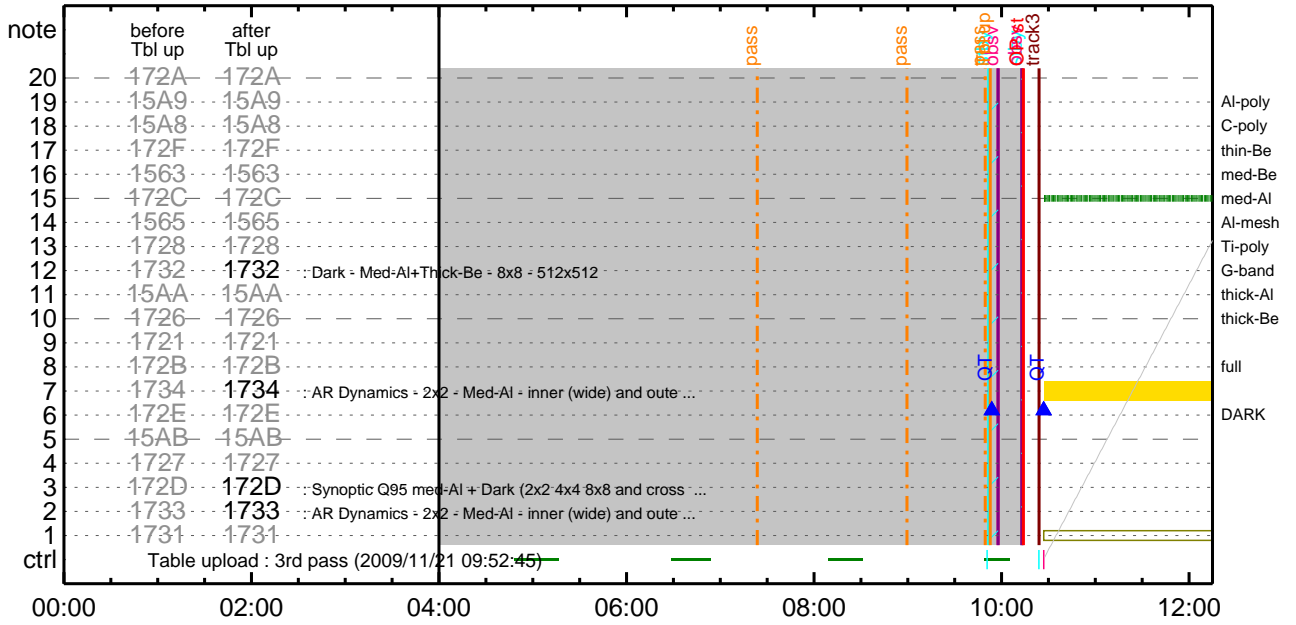
* * * * *

Flare Detection

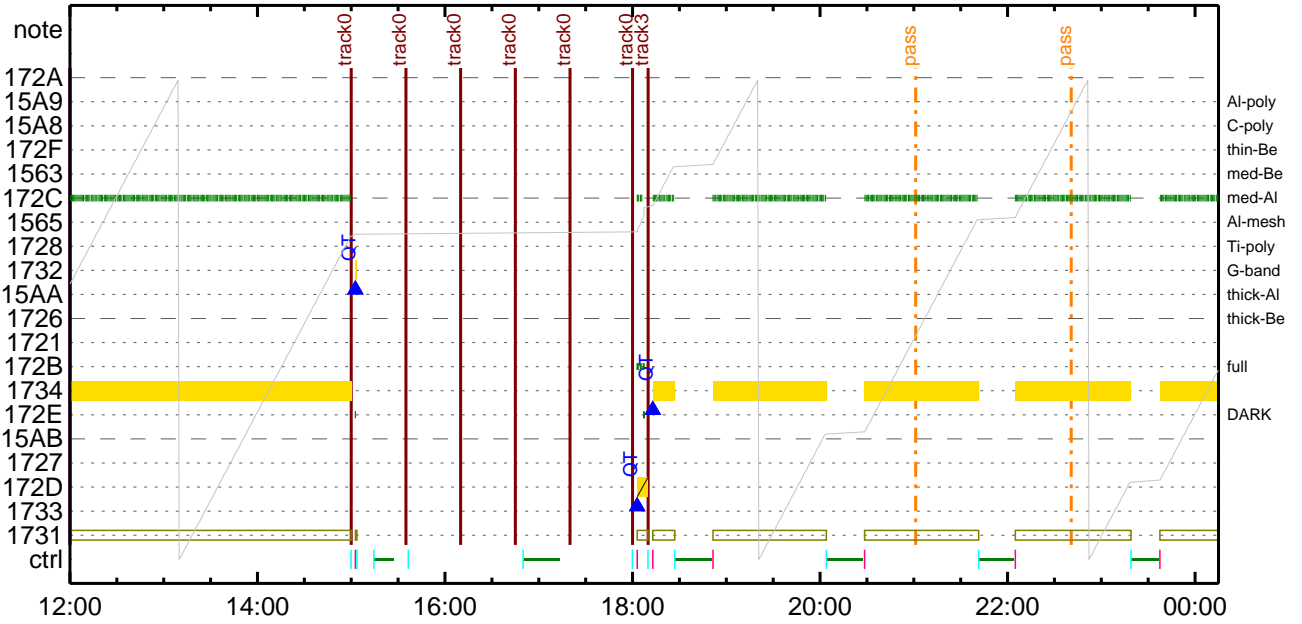
* * * * *

NOT USED

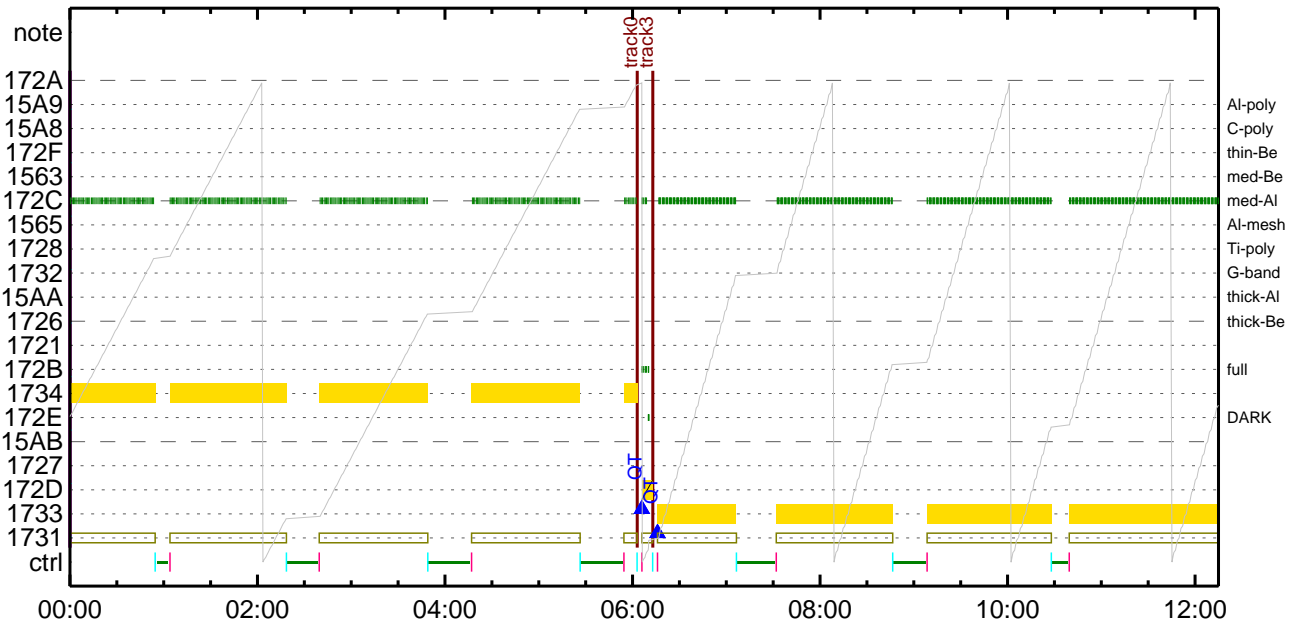
CMDI #0920 2009/11/21



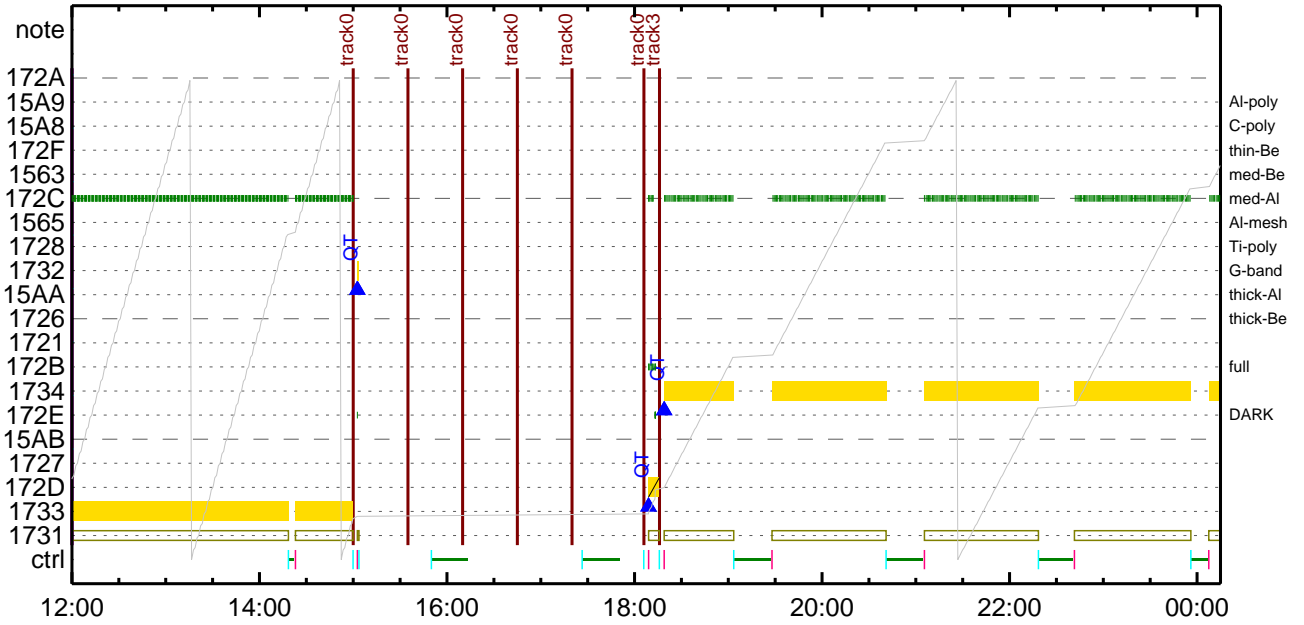
CMDI #0920 2009/11/21



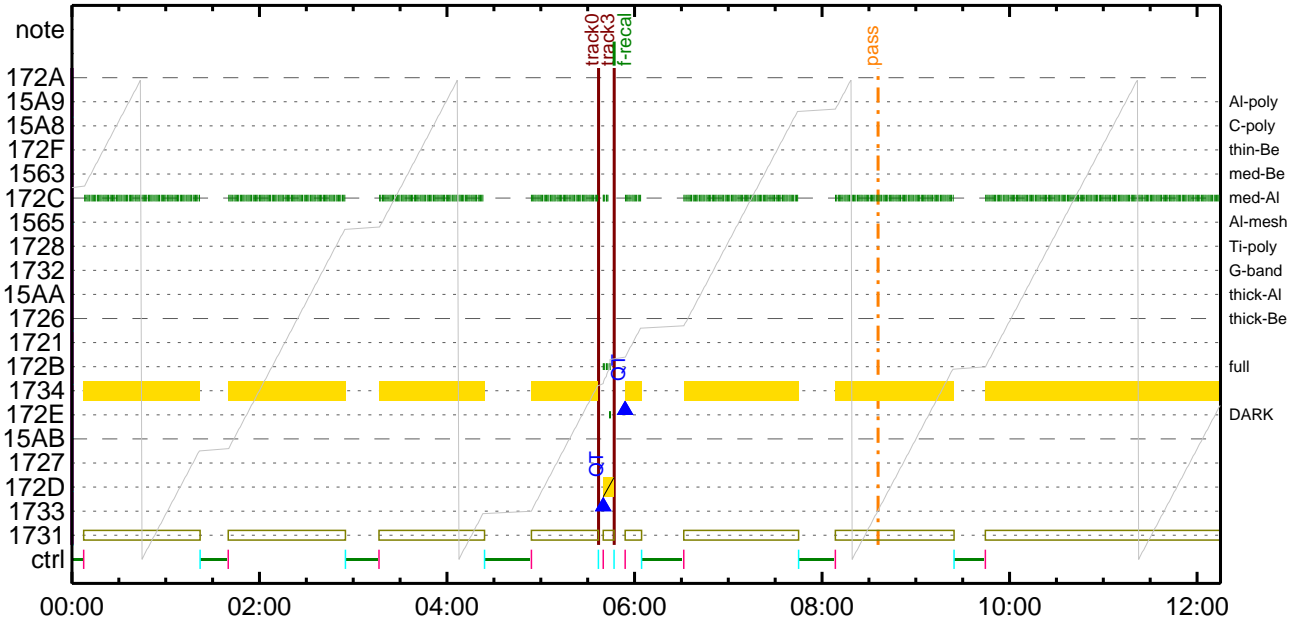
CMDI #0920 2009/11/22



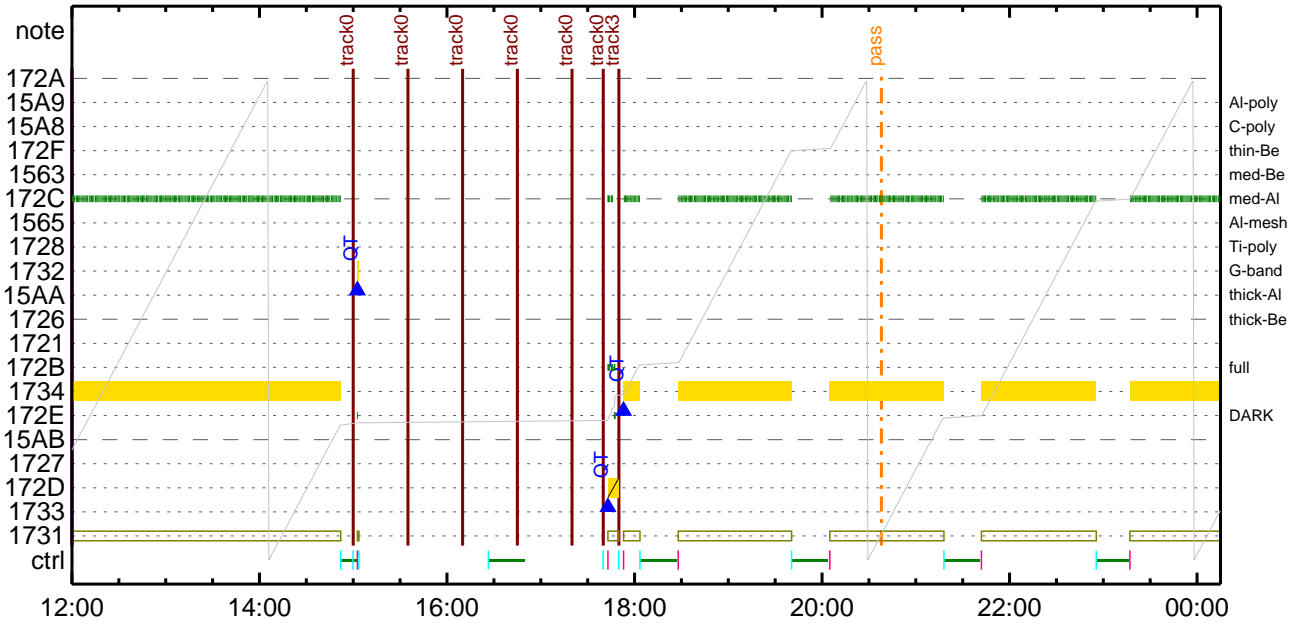
CMDI #0920 2009/11/22



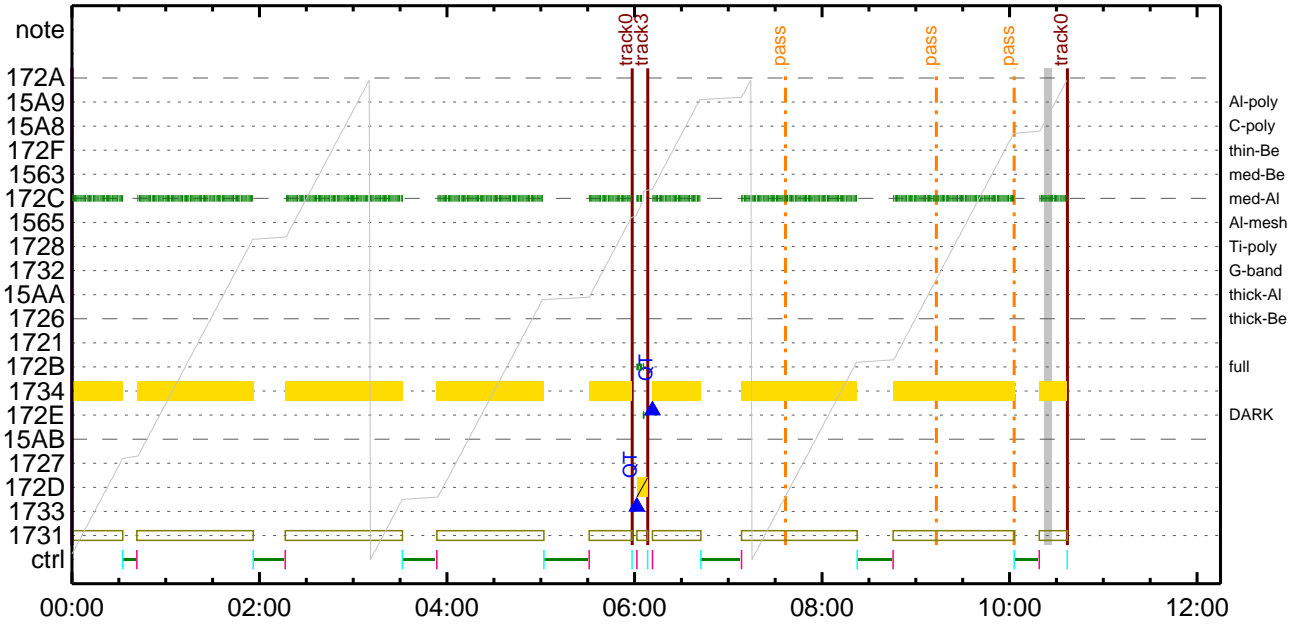
CMDI #0920 2009/11/23



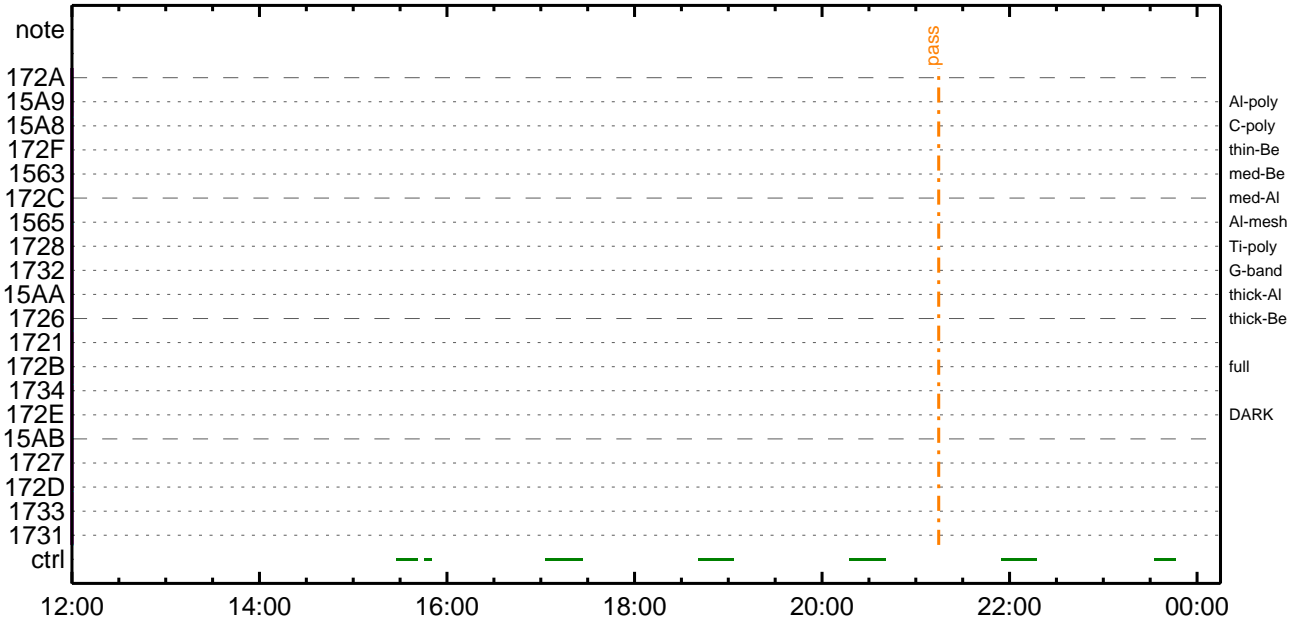
CMDI #0920 2009/11/23



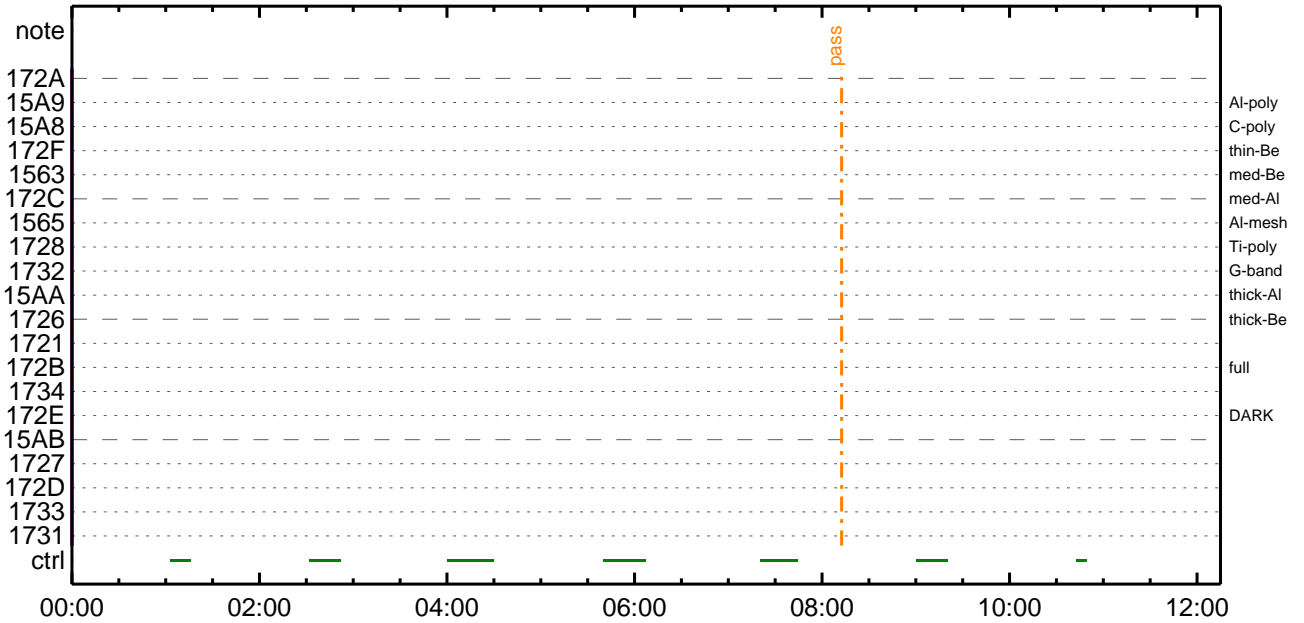
CMDI #0920 2009/11/24



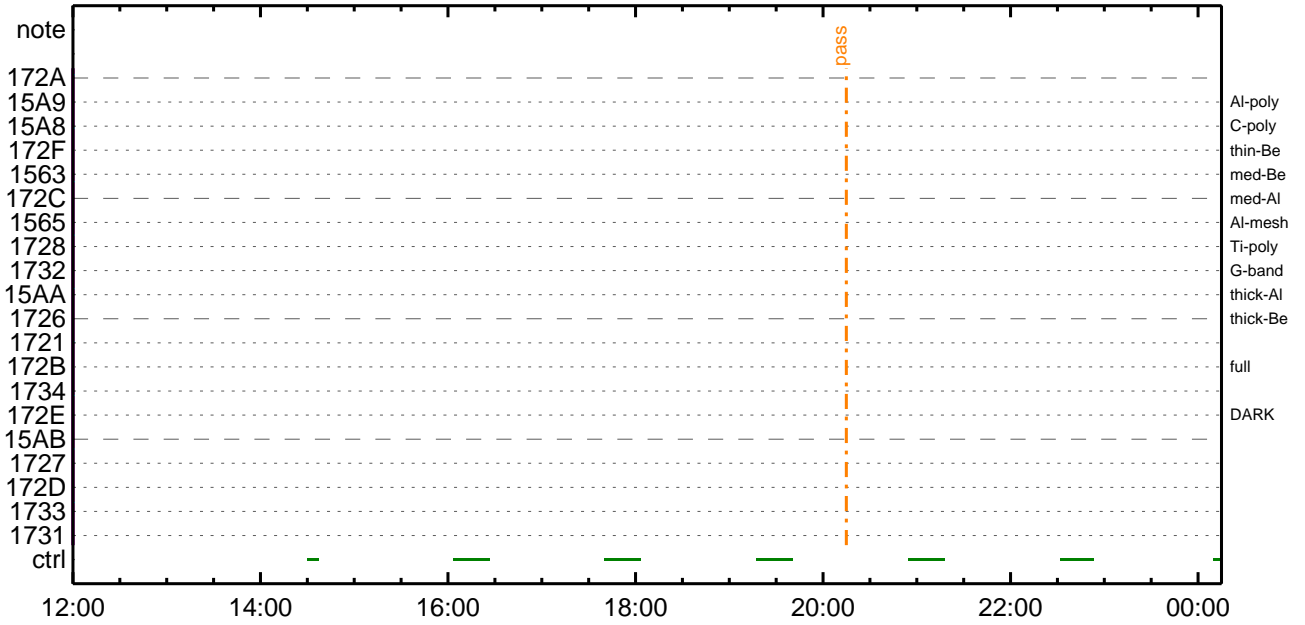
CMDI #0920 2009/11/24



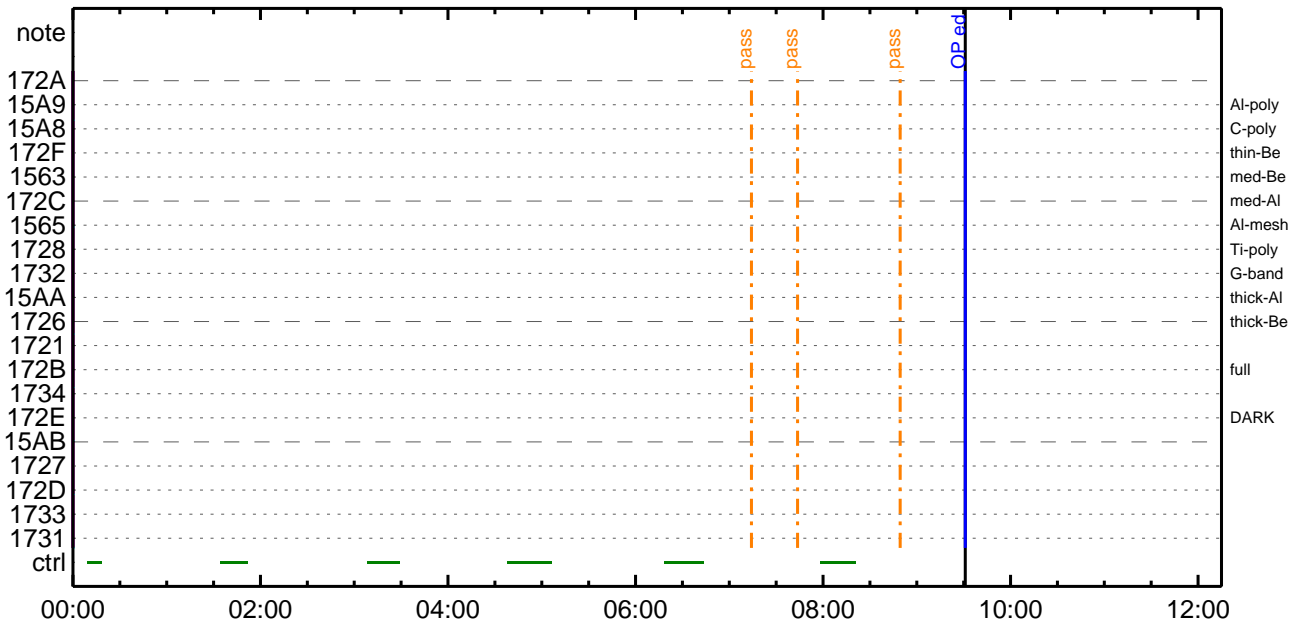
CMDI #0920 2009/11/25



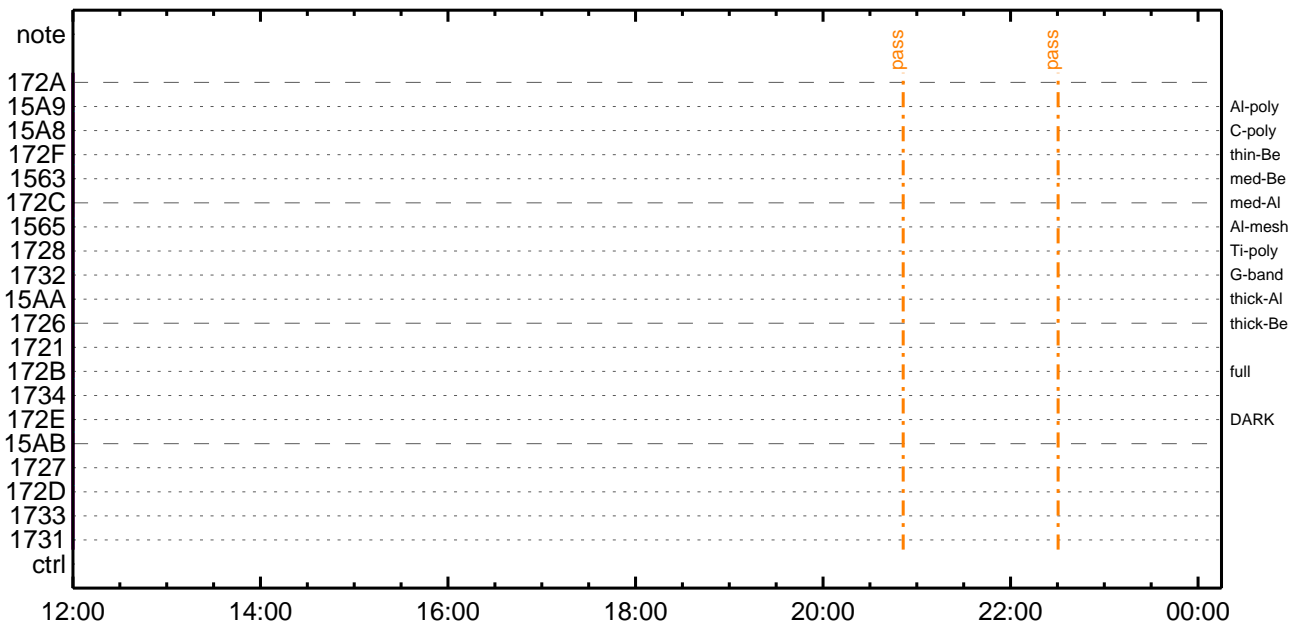
CMDI #0920 2009/11/25



CMDI #0920 2009/11/26



CMDI #0920 2009/11/26




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-990:OP
0104 ( )
0105 S. OG og-990:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;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. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ã´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOXx½ê½çòðÁÓæòÇ¼ª°¬òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
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÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ôª°¬E²ò³òE;f
0180 C. ²ò³òE;çSET²EDUMPA²E±²îY¹ç¹Ôª|²³òE;f
0181 C.
0182 C. TIY³Y²YóYÉòðÁDî¿(UT)
0183 +. TI 2009-11-21 10:09:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-11-21 10:09:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-11-21 10:09:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-992 2009-11-21 14:53:34 144 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;Èα¿αΑβ•μ°È»Í×ÁÇαíYçYÁY×Yí;¼YÉ;ÈÈè%μ•ííÉ;ÈβÈ¼°ÇÓα•α¿¼í¹çαÍ;çÀ®, ùα¹αèαβαÇÁ+¿®α•αÈααα³αÈ;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 10 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 10 10)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 04 04)
0056 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0057 BC (c4 07)
0058 +. DC 07-F0 MDP_XRT_ARS_DIS
0059 BC (d5)
0060 +. DC 07-F0 MDP_XRT_FLD_DIS
0061 BC (d9)
0062 +. DC 07-F0 MDP_XRT_FLRCTRL_DIS
0063 BC (c9)
0064 + DC 07-F0 MDP_XRT_AEC_RESET
0065 BC (d0)
0066 . C. ----- Success Verify ? OK / NG ____
0067 C.
0068 C.
0069 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0070 C.
0071 +. DC 07-F0 MDP_XRT_MODE_OBSV
0072 BC (c2)
0073 +. TI 2009-11-21 10:13:02.0
0074 DC 07-F0 MDP_XRT_MODE_OBSV
0075 BC (c2)
0076 . C. ----- Success Verify ? OK / NG ____
0077 C.
0078 C. ***** XRT END *****
0079 . C. *****
0080 C. SOT table upload
0081 C. *****
0082 . C. < Stop FG table >
0083 +. DC 07-F0 MDP_FG_CTRL_MANU
0084 BC (51)
0085 . C. -----
0086 C. MDP_FG_CTRL_MODE = MANU [ ]
0087 C. -----
0088 C.
0089 . C. <Upload FG Observation Table>
0090 . S. RAM ram-264:MDP_OBS_F
0091 ( )
0092 C.
0093 . C. < Dump RAMID=MDP_OBS_F >
0094 +. DC 07-F0 MDP_DUMP_FGTBL
0095 BC (82 07 00 00 00 38 b8)
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```
0096 C. -----
0097 C. MDP_OBS_F verify = OK/NG [ ]
0098 C. -----
0099 C.
0100 . C. < Stop SP table >
0101 +. DC 07-F0 MDP_SP_CTRL_MANU
0102 BC (61)
0103 C. -----
0104 C. MDP_SP_CTRL_MODE = MANU [ ]
0105 C. -----
0106 C.
0107 . C. <Upload SP Observation Table>
0108 . S. RAM ram-285:MDP_OBS_S
0109 ( )
0110 C.
0111 . C. < Dump RAMID=MDP_OBS_S >
0112 +. DC 07-F0 MDP_DUMP_SPTBL
0113 BC (83 07 00 00 00 38 b8)
0114 C. -----
0115 C. MDP_OBS_S verify = OK/NG [ ]
0116 C. -----
0117 C.
0118 C. *****
0119 C. SOT TI command set
0120 C. *****
0121 C. Execute, after the success of TBL upload.
0122 +. TI 2009-11-21 10:13:18.0
0123 DC 07-F0 MDP_SOT_MODE_OBSV
0124 BC (40)
0125 C. -----
0126 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0127 C. -----
0128 C.
0129 C.
0130 . C. ***** MDP 'ûÃÎñî»ò¼ŸñÊÂÐñ¹ñêDCBC•x²è *****
0131 C. (¼ã°îŸÓŸÃŸÊŸPŸËŸãŸçŸèñ¼¼ã¼Ä»Ûñ¹ñè)
0132 . S. DC-BC dcbc-402:DCBC
0133 (MDP_known_event)
0134 C.
0135 C.
0136 . C. ***** ŸDŸ¹•İ Daily±;İÑñÊ´Øñ¹ñêDCBC•x²è *****
0137 . S. DC-BC dcbc-153:DCBC
0138 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0139 C.
0140 C.
0141 . C. ;ãLOSŸÁŸSŸŸŸ¼Ä»Û;ã
0142 C.
0143 . C. ***** LOS *****
0144 C.
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Nov 21, 09 14:53

XRT_OGLIST_0920.chk

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*** OP Sequence for XRT ***

2009/11/21	10:23:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	10:23:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/11/21	10:24:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/11/21	10:24:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/21	10:24:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/21	10:24:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/21	10:26:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/11/21	10:27:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/21	14:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	14:59:56.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/21	14:59:58.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/21	15:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 c5 82 c5 82				
2009/11/21	15:00:00.5	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/21	15:02:38.5	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/11/21	15:02:40.5	XRT_CTRL_AUTO_447_OG [0x1bf]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/21	15:03:40.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	15:14:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	15:35:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 e5 ac e6				
2009/11/21	15:36:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	16:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 3c 41 c5 82				
2009/11/21	16:45:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 54 e5 00 e5				
2009/11/21	16:50:01.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	17:20:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 4e 7e e0 b5				
2009/11/21	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	17:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/11/21	18:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/11/21	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/21	18:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/21	18:00:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/21	18:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/11/21	18:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/21	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	18:09:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/11/21	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/11/21	18:10:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/21	18:10:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/21	18:10:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/21	18:12:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/11/21	18:13:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/21	18:27:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	18:50:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/21	18:51:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/21	20:04:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	20:27:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/21	20:28:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/21	21:41:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	22:04:00.0	XRT_Custom_420_OG [0x1a4]							

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2009/11/21	22:05:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/21	23:19:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/21	23:36:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/21	23:37:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	00:54:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	01:03:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	01:04:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	02:18:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	02:38:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	02:39:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	03:49:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	04:16:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	04:17:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	05:26:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	05:53:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	05:54:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	06:02:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	06:02:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/11/22	06:03:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/11/22	06:03:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/22	06:03:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/22	06:03:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/22	06:05:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/11/22	06:06:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	06:12:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	06:12:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/11/22	06:13:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2009/11/22	06:13:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/22	06:13:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/22	06:13:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/22	06:15:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2009/11/22	06:16:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	07:06:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	07:31:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	07:32:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	08:46:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	09:07:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	09:08:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	10:28:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	10:38:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	10:39:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	14:18:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	14:22:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/22	14:23:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/22	14:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/22	14:59:56.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/22	14:59:58.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/22	15:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 3c 41 c5 82				
2009/11/22	15:00:00.5	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/22	15:02:38.5	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/11/22	15:02:40.5	XRT_CTRL_AUTO_447_OG [0x1bf]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2009/11/22	15:03:40.5	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	15:35:00.5	AOCS_Ore-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 4e 7e e0 b5
2009/11/22	15:50:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	16:10:00.0	AOCS_Ore-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 54 e5 00 e5
2009/11/22	16:45:00.0	AOCS_Ore-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 e5 ac e6
2009/11/22	17:20:00.0	AOCS_Ore-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 c5 82 c5 82
2009/11/22	17:26:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	18:05:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	18:05:56.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/11/22	18:06:00.0	AOCS_Ore-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00 00 00 00 00
2009/11/22	18:06:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/22	18:06:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/22	18:06:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/22	18:08:58.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2009/11/22	18:09:00.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/22	18:15:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	18:15:56.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/11/22	18:16:00.0	AOCS_Ore-point_Start_1_OG [0x097] AOCU_NM	5	02-76	03 00 00 00 00
2009/11/22	18:16:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/22	18:16:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/22	18:16:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5
2009/11/22	18:18:58.0	XRT_QT_PROG_SET_421_OG [0x1a5] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2009/11/22	18:19:00.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/22	19:03:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	19:27:00.0	XRT_Custom_420_OG [0x1a4]			
2009/11/22	19:28:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/22	20:41:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	21:04:30.0	XRT_Custom_420_OG [0x1a4]			
2009/11/22	21:05:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/22	22:18:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/22	22:40:30.0	XRT_Custom_420_OG [0x1a4]			
2009/11/22	22:41:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/22	23:56:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/23	00:06:30.0	XRT_Custom_420_OG [0x1a4]			
2009/11/23	00:07:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/23	01:22:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/23	01:39:00.0	XRT_Custom_420_OG [0x1a4]			
2009/11/23	01:40:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/23	02:55:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/23	03:15:30.0	XRT_Custom_420_OG [0x1a4]			
2009/11/23	03:16:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/23	04:24:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/23	04:53:00.0	XRT_Custom_420_OG [0x1a4]			
2009/11/23	04:54:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/11/23	05:36:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/11/23	05:36:56.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/11/23	05:37:00.0	AOCS_Ore-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00 00 00 00 00
2009/11/23	05:37:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2009/11/23	05:37:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/11/23	05:37:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5

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2009/11/23	05:39:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2009/11/23	05:40:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	05:46:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	05:46:56.0	XRT_FOCUS_RECALIBRATE_424_OG [0x1a8]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2009/11/23	05:47:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03	00	00	00	00
2009/11/23	05:50:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/11/23	05:51:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/23	05:51:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/23	05:51:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/23	05:53:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/11/23	05:54:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	06:04:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	06:30:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/23	06:31:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	07:45:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	08:07:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/23	08:08:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	09:24:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	09:43:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/23	09:44:30.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	14:52:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	14:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	14:59:56.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/23	14:59:58.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/23	15:00:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00	b3	4c	e0	b5
2009/11/23	15:00:00.5	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/23	15:02:38.5	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2009/11/23	15:02:40.5	XRT_CTRL_AUTO_447_OG [0x1bf]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	15:03:40.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	15:35:00.0	AOCS_ORe-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	ac	e6	00	e5
2009/11/23	16:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	e5	ac	e6
2009/11/23	16:26:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	16:45:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	3c	41	c5	82
2009/11/23	17:20:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00	00	e5	54	e5
2009/11/23	17:39:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	17:39:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/11/23	17:40:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/11/23	17:40:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/23	17:40:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/23	17:40:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/23	17:42:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2009/11/23	17:43:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	17:49:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	17:49:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/11/23	17:50:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03	00	00	00	00
2009/11/23	17:50:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/23	17:50:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/23	17:50:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

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2009/11/23	17:52:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/11/23	17:53:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	18:03:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	18:27:00.5	XRT_Custom_420_OG [0x1a4]							
2009/11/23	18:28:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	19:40:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	20:04:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/23	20:05:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	21:18:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	21:41:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/23	21:42:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/23	22:55:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/23	23:16:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/23	23:17:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	00:32:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	00:40:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	00:41:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	01:56:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	02:15:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	02:16:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	03:31:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	03:52:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	03:53:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	05:02:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	05:30:00.5	XRT_Custom_420_OG [0x1a4]							
2009/11/24	05:31:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	05:58:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	05:58:26.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2009/11/24	05:58:30.0	AOCS_OrE-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00	00			
2009/11/24	05:58:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/24	05:58:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/24	05:58:50.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/24	06:01:28.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/11/24	06:01:30.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	06:08:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	06:08:26.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00			
2009/11/24	06:08:30.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00	00			
2009/11/24	06:08:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/11/24	06:08:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/11/24	06:08:50.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/11/24	06:11:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2009/11/24	06:11:30.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	06:42:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	07:07:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	07:08:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	08:22:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	08:44:30.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	08:45:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	10:03:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/11/24	10:18:00.0	XRT_Custom_420_OG [0x1a4]							
2009/11/24	10:19:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/11/24	10:36:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2009/11/24 10:37:00.0 AOCs_OrE-point_Start_7_OG [0x09d]
AOCU_NM 5 02-76 00 00 00 00 00