

XRT Timeline to be uploaded on 2009/11/17

Period: 2009/11/17 11:01:00 - 2009/11/21 10:14:00

* * * * *

Normal mode

* * * * *

| XOB #172D: Synoptic Q95 med-AI + Dark (2x2 4x4 8x8 and cross strips) | | | | | | | | | | | | |
|--|-----------------------|-----------|---|-------|------|------------------------|--------------------|-------|------------|----------|--|--|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |
| 11/17 11:14:00 - 11/17 11:20:54 | Fixed (| 0.0, 0.0) | # OP start + 10min, synoptic for XRT diagnostics. | | | | | | | | | |
| 11/17 18:03:00 - 11/17 18:09:54 | Fixed (| 0.0, 0.0) | synoptic | | | | | | | | | |
| 11/18 05:50:00 - 11/18 05:56:54 | Fixed (| 0.0, 0.0) | synoptic, shifted -13.0 min | | | | | | | | | |
| 11/18 17:38:00 - 11/18 17:44:54 | Fixed (| 0.0, 0.0) | synoptic, offset manually. | | | | | | | | | |
| 11/19 06:03:00 - 11/19 06:09:54 | Fixed (| 0.0, 0.0) | synoptic | | | | | | | | | |
| 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 #172F: AR Dynamics - 2x2 - Med-AI - inner and outer - Q98 - AEC 1 and AEC 2 | | | | | | | | | | | | |
|---|-----------------------|----------------|------------------|-------|------|------------------------|--------------------|-------|------------|----------|--|--|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |
| 11/17 11:24:00 - 11/17 17:36:30 | Track (| -626.8, 287.7) | * Track AR in N. | | | | | | | | | |
| PROG= 17 Inf.-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 88 4-time(s) 20.0sec | | | | | | | | | | | | |
| med-AI/Open | med-AI/thick-AI close | Safe Norm | 16.0s | Obs | 2x2 | 512x512 (1024, 1024) | Q=98 | 1 | 0 | 2.0sec | | |
| └─ Subr= 2 1-time(s) 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 #1731: AR Dynamics - 2x2 - Med-AI - lower cadence- inner and outer - Q98 - AEC 1 and AEC 2 | | | | | | | | | | | | |
|--|-----------------------|----------------|-------------|-------|------|------------------------|--------------------|-------|------------|----------|--|--|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |
| 11/18 06:04:00 - 11/18 14:29:54 | Track (| -498.5, 284.7) | # Cont. | | | | | | | | | |
| 11/18 17:48:00 - 11/19 05:59:54 | Track (| -408.7, 283.5) | # Track AR. | | | | | | | | | |
| PROG= 01 Inf.-time(s) | | | | | | | | | | | | |
| └─ Subr= 1 1-time(s) 2.0sec | | | | | | | | | | | | |
| └─ Seqn= 88 4-time(s) 40.0sec | | | | | | | | | | | | |
| med-AI/Open | med-AI/thick-AI close | Safe Norm | 16.0s | Obs | 2x2 | 512x512 (1024, 1024) | Q=98 | 1 | 0 | 2.0sec | | |
| └─ Subr= 2 1-time(s) 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 #1732: Dark - Med-AI+Thick-Be - 8x8 - 512x512 | | | | | | | | | | | | |
|---|-----------------------|---------------|-----------------------|-------|------|----------------------|--------------------|-------|------------|----------|--|--|
| Term | Pointing (x, y) | | Comment | | | | | | | | | |
| 11/18 14:32:40 - 11/18 14:33:40 | Fixed (| -10.0, 935.0) | * HOP 138, with IBIS. | | | | | | | | | |
| 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 | | |

* * * * *

Flare mode

* * * * *

NOT USED

* * * * *

Active Region Search

* * * * *

NOT USED

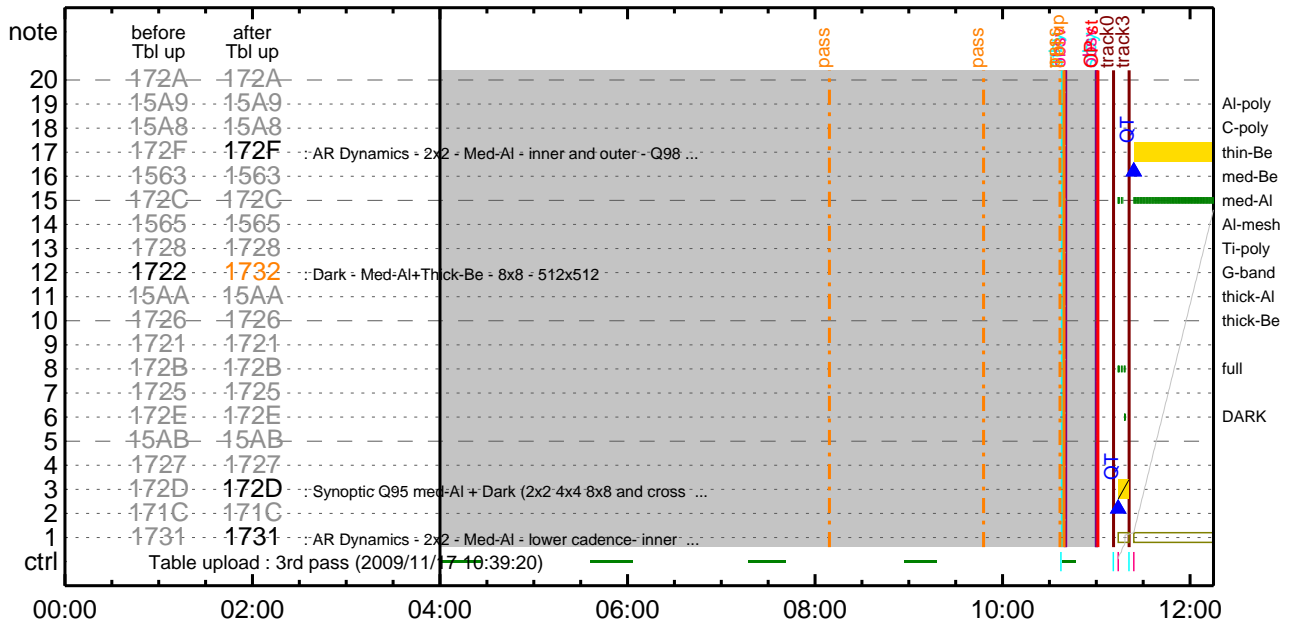
* * * * *

Flare Detection

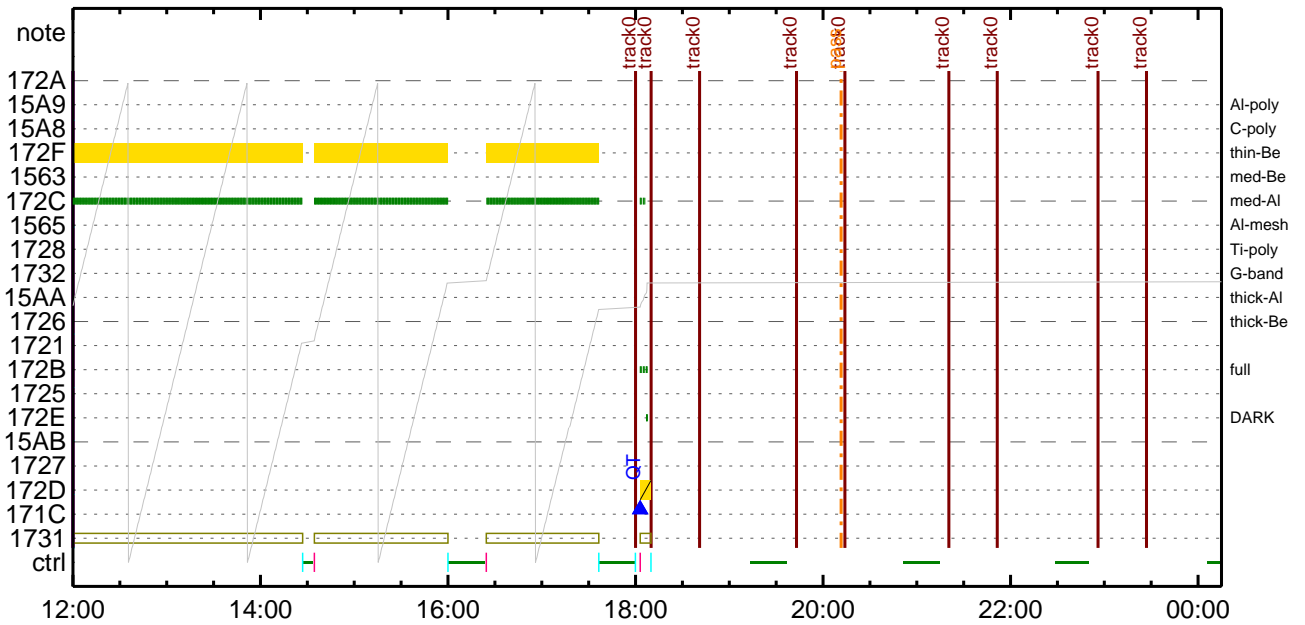
* * * * *

NOT USED

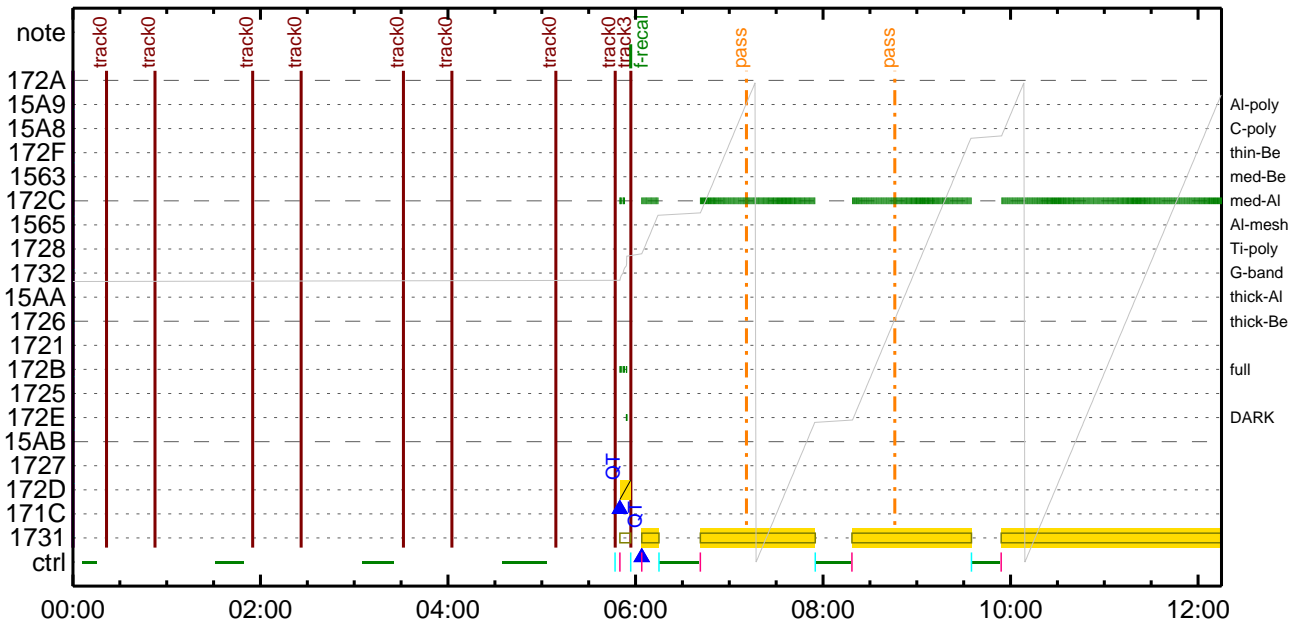
CMDI #0912 2009/11/17



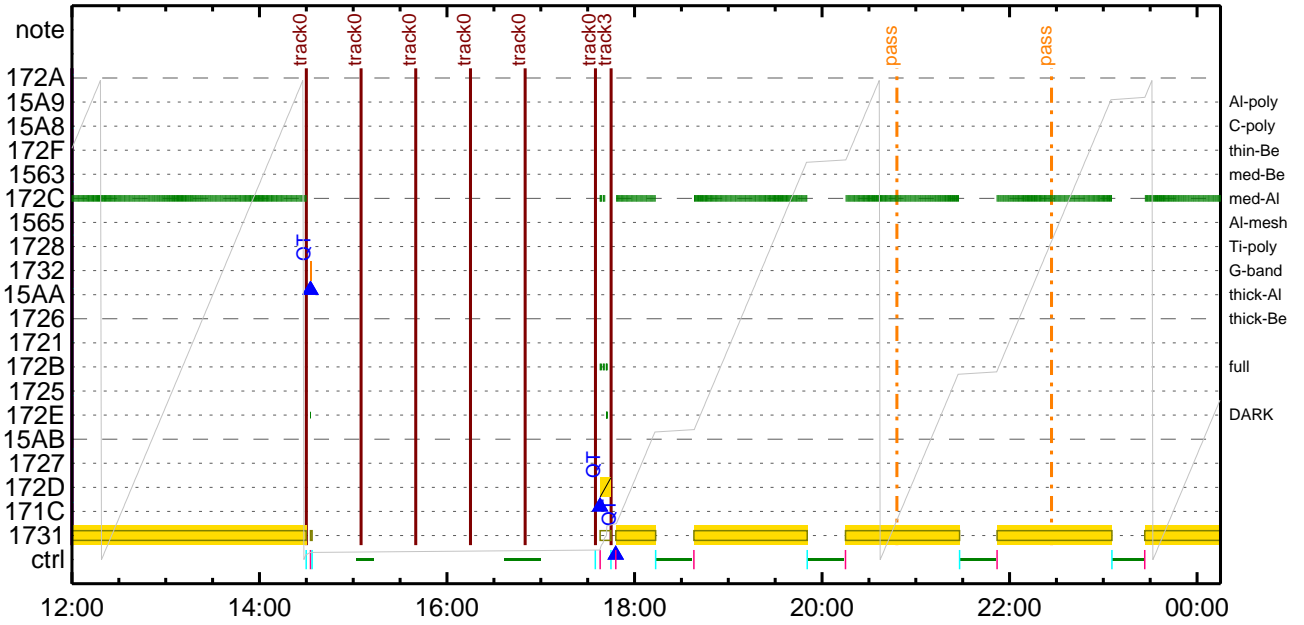
CMDI #0912 2009/11/17



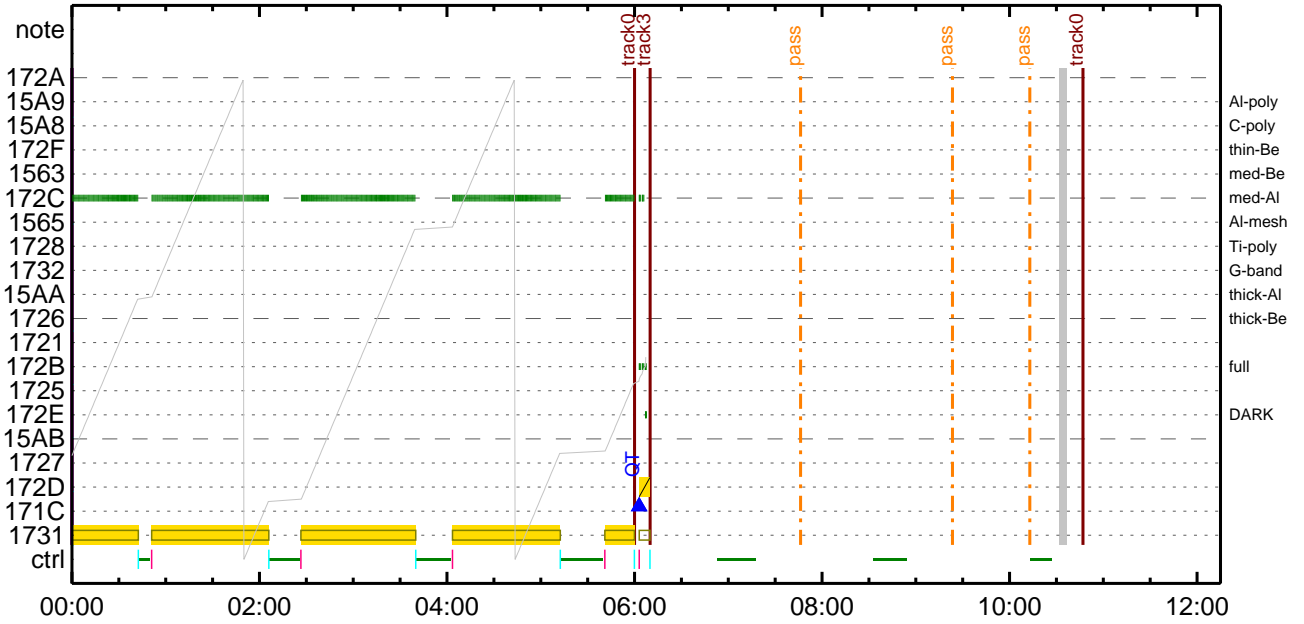
CMDI #0912 2009/11/18



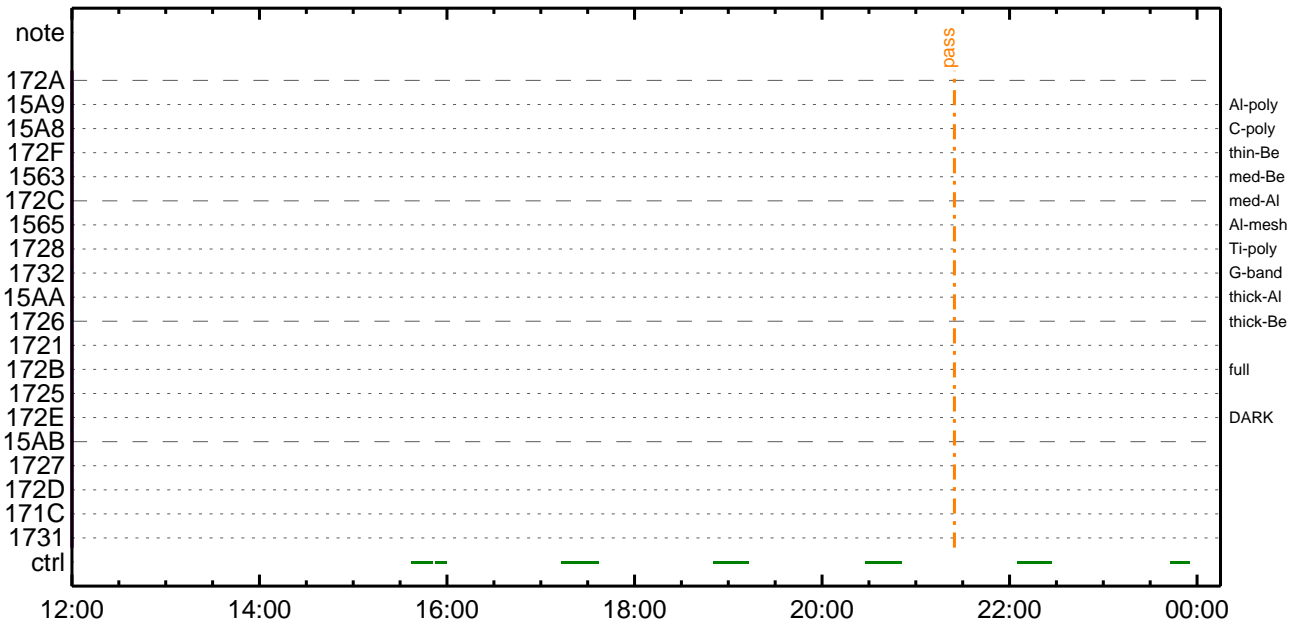
CMDI #0912 2009/11/18



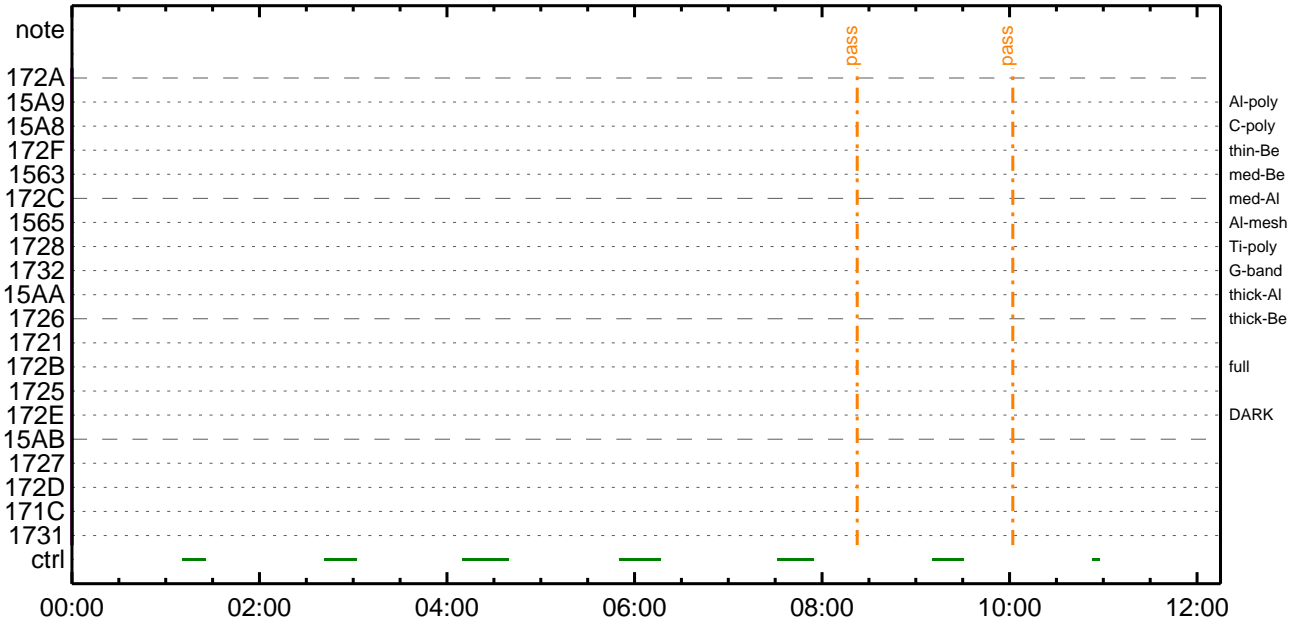
CMDI #0912 2009/11/19



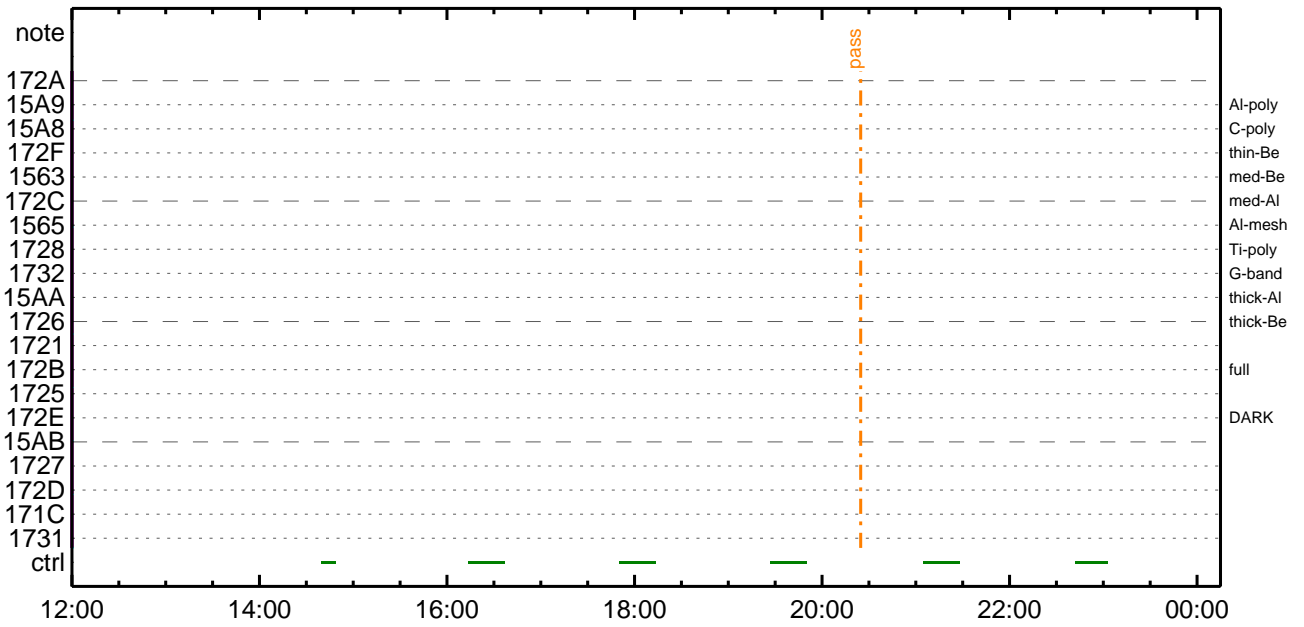
CMDI #0912 2009/11/19



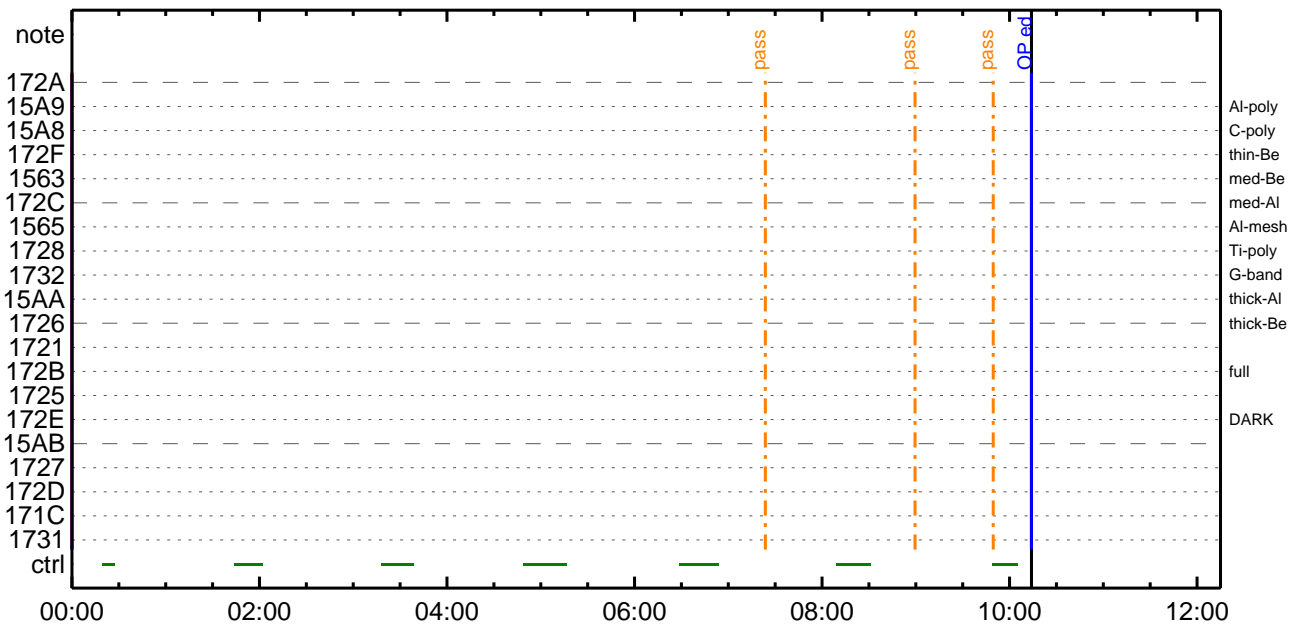
CMDI #0912 2009/11/20



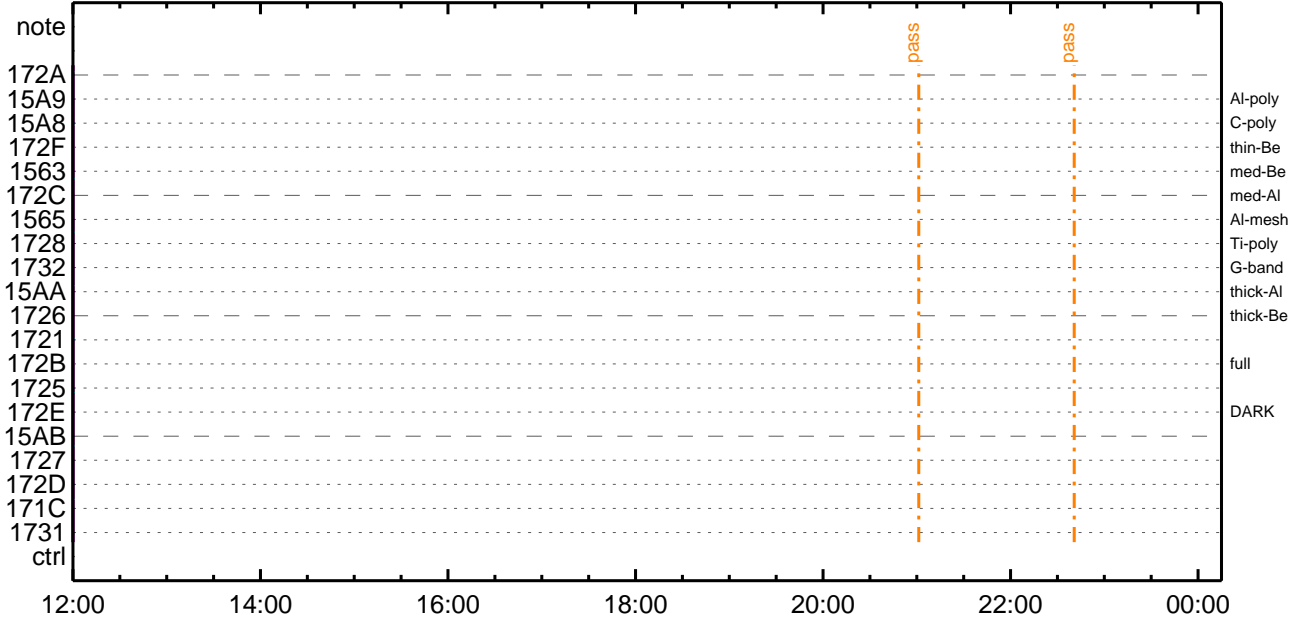
CMDI #0912 2009/11/20



CMDI #0912 2009/11/21



CMDI #0912 2009/11/21




```

0194 C.
0195 +. TI 2009-11-17 11:00:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C. °È²¼ñïÄë%íññòîŷÄŷ$ŷÄŷ-¹àîŭ
0200 C.          çç[HK1_TI_CMD_ENA/DIS]            EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]                EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]            EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]            EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîî°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]          EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]          EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]           EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]         EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]            EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]             EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]         EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]            EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»ò³îçš
0226 C.          çç[HK1_DMP_CHK_FLG]            EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLñî¼È¹ç•è²îOKò³îçš
0229 C.
0230 C. DHUŷâ;¼ŷÈ;È¼ŷ¼.ŷî;¼ŷÈ;Èòðîáñ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]             EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]         EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2009-11-17 11:00:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2009-11-17 11:00:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]           EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C. *****
0255 C. SOT TI command set
0256 C. *****
0257 C. Execute, after the success of OP upload.
0258 +. TI 2009-11-17 11:00:16.0
0259 DC 07-F0 MDP_SOT_MODE_STBY
0260 BC      (41)
0261 C. -----
0262 C.      HK1_TI_CMD_NUM = 1 CNTUP [ ]
0263 C. -----
0264 C. ***** SOT END *****
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2009-11-17 11:00:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC      (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]           EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´ûÃîñî»ö¼ŷñèÄðñ¹èDCBC•x²è *****
0276 C. (¼á°îŷÖŷÄŷÈŷŷŷŷÄŷçŷèè¼ññ¼Ä»Ūñ¹è)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•î Daily±çîññè'Øñ¹èDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ$ŷÄŷ-¼Ä»Ū;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```



```

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. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 + DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 6841874.8 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_MANU
0140 BC (21 02)
0141 . C. Verify EIS in MANUAL mode
0142 . C. Estimated OBSTBL upload time is 36s
0143 C. *****
0144 C. EIS START OBSTBL LOAD
0145 C. *****
0146 . S. RAM ram-820:EIS_OBSTBL
0147 ( )
0148 +. DC 07-FC EIS_DUMP_OBSTBL
0149 BC (07 07 07 00 00 70 00)
0150 C.
0151 C. Execute, after the success of OBSTBL upload.
0152 C. Set EIS TI-commands
0153 +. TI 2009-11-17 11:00:50.0
0154 DC 07-FC EIS_MODE_CHG_ENA
0155 BC (20)
0156 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0157 C. *****
0158 C. EIS END OBSTBL LOAD
0159 C. *****
0160 C.
0161 . C. ***** MDP 'úÃîî'»ö¼ÝðËÄð¹ñèDCBC•x²è *****
0162 C. (%ã°îÝÓÝÄÝËÝÞÝËÝáÝçÝèñË¼¼¼¼»Û¹ñè)
0163 . S. DC-BC dcbc-402:DCBC
0164 (MDP_known_event)
0165 C.
0166 C.
0167 . C. ***** ÝÐÝ¹•İ Daily±çİÑñË'Ø¹ñèDCBC•x²è *****
0168 . S. DC-BC dcbc-153:DCBC
0169 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0170 C.
0171 C.
0172 . C. ;ãLOSÝÁÝ$ÝÄÝ¹¼Ä»Û;ã
0173 C.
0174 . C. ***** LOS *****
0175 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-983 2009-11-17 13:38:12 141 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÀã•µ°È»Í×ÁÇãÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÈ;ÈÈÈ¼°ÇÔã•ã¿¼í¹çãÍ;çÀ®, ùã¹ãÈãÈãÇÁ+¿®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 SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-283:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 . C. < Upload DPL table >
0036 +. DC 07-F0 MDP_FG_CTRL_MANU
0037 BC (51)
0038 C. -----
0039 C. MDP_FG_CTRL_MODE = MANU [ ]
0040 C. -----
0041 C.
0042 C. YçYÁY×Yí;¼YÉãÍÁ°ãÈSTS_CHKãðOFFãÈã¹ãè
0043 C.
0044 . S. RAM ram-271:MDP_DPL
0045 ( )
0046 C.
0047 . C. < Dump RAMID=MDP_DPL >
0048 +. DC 07-F0 MDP_DUMP_FGTBL
0049 BC (82 07 00 38 b8 00 40)
0050 C. -----
0051 C. MDP_DPL verify = OK [ ]
0052 C. -----
0053 C.
0054 C. STS_CHKãðONãÈã¹ãè
0055 C.
0056 . C. < Update MDP DSC PAR1 >
0057 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0058 BC (4c)
0059 C. MDP_CMD_CODE = F04C0700[ ]
0060 C. MDP_CMD_CNT (count-up 1) [ ]
0061 C. -----
0062 C.
0063 C.
0064 C. *****
0065 C. SOT TI command set
0066 C. *****
0067 C. Execute, after the success of TBL upload.
0068 +. TI 2009-11-17 11:00:18.0
0069 DC 07-F0 MDP_SOT_MODE_OBSV
0070 BC (40)
0071 C. -----
0072 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0073 C. -----
0074 C.
0075 C.
0076 C. ***** XRT START *****
0077 C.
0078 +. DC 07-F0 MDP_XRT_CTRL_MANU
0079 BC (c1)
0080 +. DC 07-F0 MDP_XRT_MODE_STBY
0081 BC (c3)
0082 . C. ----- Success Verify ? OK / NG_____
0083 C.
0084 C. XRT Obs. Table Upload
0085 . S. RAM ram-291:MDP_OBS_X
0086 ( )
0087 C.
0088 +. DC 07-F0 MDP_DUMP_XRTTBL
0089 BC (84 07 00 00 00 3a d4)
0090 . C. ----- Comparison Check ? OK / ERR _____
0091 C.
0092 C.
0093 +. DC 07-F0 MDP_XRT_ROI_SET
0094 BC (cd 01 b1 b1 04 04)
0095 +. DC 07-F0 MDP_XRT_ROI_SET
```

```
0096 BC (cd 02 b1 b1 08 08)
0097 + DC 07-F0 MDP_XRT_ROI_SET
0098 BC (cd 03 b1 b1 08 08)
0099 + DC 07-F0 MDP_XRT_ROI_SET
0100 BC (cd 04 b1 b1 06 06)
0101 + DC 07-F0 MDP_XRT_ROI_SET
0102 BC (cd 06 80 80 20 20)
0103 + DC 07-F0 MDP_XRT_ROI_SET
0104 BC (cd 07 80 80 20 08)
0105 + DC 07-F0 MDP_XRT_ROI_SET
0106 BC (cd 08 80 80 08 20)
0107 + DC 07-F0 MDP_XRT_ROI_SET
0108 BC (cd 09 80 80 08 08)
0109 + DC 07-F0 MDP_XRT_ROI_SET
0110 BC (cd 0a 80 80 10 10)
0111 + DC 07-F0 MDP_XRT_AEC_RESET
0112 BC (d0)
0113 . C. ----- Success Verify ? OK / NG ____
0114 . C.
0115 . C.
0116 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0117 . C.
0118 +. DC 07-F0 MDP_XRT_MODE_OBSV
0119 BC (c2)
0120 +. TI 2009-11-17 11:00:02.0
0121 DC 07-F0 MDP_XRT_MODE_OBSV
0122 BC (c2)
0123 . C. ----- Success Verify ? OK / NG ____
0124 . C.
0125 . C. ***** XRT END *****
0126 . C.
0127 . C. ***** MDP 'ûÃîñî»ò%ÿñÊÂð¹ñèDCBC•x²è *****
0128 . C. (%ã°îÿÓÿÃÿÈÿPÿËÿáÿçÿèñ%¼ññ¼Ã»Ûñ¹ñè)
0129 . S. DC-BC dcbc-402:DCBC
0130 (MDP_known_event)
0131 . C.
0132 . C.
0133 . C. ***** ÿDÿ¹•î Daily±;îÑñÊ'Øñ¹ñèDCBC•x²è *****
0134 . S. DC-BC dcbc-153:DCBC
0135 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0136 . C.
0137 . C.
0138 . C. ;ãLOSÿÃÿSÿËÿÿ¼Ã»Û;ã
0139 . C.
0140 . C. ***** LOS *****
0141 . C.
```

Nov 17, 09 13:38

XRT_OGLIST_0912.chk

Page 1/3

*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|------------------------------------|---|-------|----------------|--|--|--|--|
| 2009/11/17 | 11:10:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2009/11/17 | 11:10:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2009/11/17 | 11:11:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2009/11/17 | 11:11:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2009/11/17 | 11:11:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2009/11/17 | 11:11:20.0 | XRT_ARS_DIS_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2009/11/17 | 11:13:58.0 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2009/11/17 | 11:14:00.0 | XRT_CTRL_AUTO_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2009/11/17 | 11:20:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2009/11/17 | 11:20:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2009/11/17 | 11:21:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 00 00 00 00 | | | | |
| 2009/11/17 | 11:21:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2009/11/17 | 11:21:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2009/11/17 | 11:21:20.0 | XRT_ARS_DIS_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2009/11/17 | 11:23:58.0 | XRT_QT_PROG_SET_430_OG [0x1ae] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 11 | | | | |
| 2009/11/17 | 11:24:00.0 | XRT_CTRL_AUTO_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2009/11/17 | 14:27:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2009/11/17 | 14:33:30.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/17 | 14:34:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2009/11/17 | 16:00:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2009/11/17 | 16:23:30.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/17 | 16:24:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2009/11/17 | 17:36:30.0 | XRT_CTRL_MANU_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2009/11/17 | 17:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2009/11/17 | 17:59:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2009/11/17 | 18:00:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2009/11/17 | 18:00:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2009/11/17 | 18:00:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2009/11/17 | 18:00:20.5 | XRT_ARS_DIS_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2009/11/17 | 18:02:58.5 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2009/11/17 | 18:03:00.5 | XRT_CTRL_AUTO_407_OG [0x197] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2009/11/17 | 18:09:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2009/11/17 | 18:10:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 ac cd | | | | |
| 2009/11/17 | 18:41:00.0 | AOCS_ORe-point_Start_4_OG [0x09a] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 d6 67 | | | | |
| 2009/11/17 | 19:43:00.0 | AOCS_ORe-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2009/11/17 | 20:14:00.0 | AOCS_ORe-point_Start_5_OG [0x09b] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 29 99 | | | | |
| 2009/11/17 | 21:20:30.0 | AOCS_ORe-point_Start_6_OG [0x09c] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 53 33 | | | | |
| 2009/11/17 | 21:51:30.0 | AOCS_ORe-point_Start_7_OG [0x09d] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 d6 36 b7 8e | | | | |
| 2009/11/17 | 22:56:00.0 | AOCS_ORe-point_Start_8_OG [0x09e] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b4 b5 db 75 | | | | |
| 2009/11/17 | 23:27:00.0 | AOCS_ORe-point_Start_9_OG [0x09f] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 ac 5b 00 00 | | | | |
| 2009/11/18 | 00:21:30.0 | AOCS_ORe-point_Start_10_OG [0x0a0] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 b4 b5 24 8b | | | | |
| 2009/11/18 | 00:52:30.0 | AOCS_ORe-point_Start_11_OG [0x0a1] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 d6 36 48 72 | | | | |
| 2009/11/18 | 01:55:00.0 | AOCS_ORe-point_Start_12_OG [0x0a2] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 29 ca b7 8e | | | | |
| 2009/11/18 | 02:26:00.0 | AOCS_ORe-point_Start_13_OG [0x0a3] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 4b 4b db 75 | | | | |
| 2009/11/18 | 03:31:30.0 | AOCS_ORe-point_Start_14_OG [0x0a4] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 53 a5 00 00 | | | | |
| 2009/11/18 | 04:02:30.0 | AOCS_ORe-point_Start_15_OG [0x0a5] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 4b 4b 24 8b | | | | |
| 2009/11/18 | 05:09:00.0 | AOCS_ORe-point_Start_16_OG [0x0a6] | | | | | | | |

Nov 17, 09 13:38

XRT_OGLIST_0912.chk

Page 2/3

| | | | | | | | | | | |
|------------|------------|--------------------------------------|---------|---|-------|----|----|----|----|----|
| 2009/11/18 | 05:46:54.0 | XRT_CTRL_MANU_400_OG [0x190] | AOCU_NM | 5 | 02-76 | 00 | 29 | db | 48 | 72 |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 05:46:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | | | | | | | | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2009/11/18 | 05:47:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2009/11/18 | 05:47:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | | |
| | | MDP_XRT_FLD_DIS | | 1 | 07-F0 | | | d9 | | |
| 2009/11/18 | 05:47:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | | 1 | 07-F0 | | | c9 | | |
| 2009/11/18 | 05:47:20.0 | XRT_ARS_DIS_411_OG [0x19b] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | | | d5 | | |
| 2009/11/18 | 05:49:58.0 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | | | c4 | 03 | |
| 2009/11/18 | 05:50:00.0 | XRT_CTRL_AUTO_407_OG [0x197] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | | c0 | | |
| 2009/11/18 | 05:56:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 05:56:56.0 | XRT_FOCUS_RECALIBRATE_424_OG [0x1a8] | | | | | | | | |
| | | XRT_FOCUS_RECAL | | 2 | 07-F8 | 78 | | 00 | | |
| 2009/11/18 | 05:57:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 03 | 00 | 00 | 00 | 00 |
| 2009/11/18 | 06:00:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | | | | | | | | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | fe | 97 | 00 | |
| 2009/11/18 | 06:01:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | | |
| | | MDP_XRT_FLD_DIS | | 1 | 07-F0 | | | d9 | | |
| 2009/11/18 | 06:01:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | | 1 | 07-F0 | | | c9 | | |
| 2009/11/18 | 06:01:20.0 | XRT_ARS_DIS_411_OG [0x19b] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | | | d5 | | |
| 2009/11/18 | 06:03:58.0 | XRT_QT_PROG_SET_412_OG [0x19c] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | | | c4 | 01 | |
| 2009/11/18 | 06:04:00.0 | XRT_CTRL_AUTO_407_OG [0x197] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | | c0 | | |
| 2009/11/18 | 06:15:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 06:40:30.5 | XRT_Custom_420_OG [0x1a4] | | | | | | | | |
| 2009/11/18 | 06:41:30.5 | XRT_CTRL_AUTO_416_OG [0x1a0] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | | c0 | | |
| 2009/11/18 | 07:55:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 08:17:30.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | | |
| 2009/11/18 | 08:18:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | | c0 | | |
| 2009/11/18 | 09:35:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 09:53:00.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | | |
| 2009/11/18 | 09:54:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | | c0 | | |
| 2009/11/18 | 14:29:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 14:29:56.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | | |
| | | MDP_XRT_FLD_DIS | | 1 | 07-F0 | | | d9 | | |
| 2009/11/18 | 14:29:58.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | | 1 | 07-F0 | | | c9 | | |
| 2009/11/18 | 14:30:00.0 | AOCS_Ore-point_Start_17_OG [0x0a7] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 00 | ac | e6 | 00 | e5 |
| 2009/11/18 | 14:30:00.5 | XRT_ARS_DIS_411_OG [0x19b] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | | | d5 | | |
| 2009/11/18 | 14:32:38.5 | XRT_QT_PROG_SET_440_OG [0x1b8] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | | | c4 | 0c | |
| 2009/11/18 | 14:32:40.5 | XRT_CTRL_AUTO_447_OG [0x1bf] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | | c0 | | |
| 2009/11/18 | 14:33:40.5 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 15:05:00.0 | AOCS_Ore-point_Start_18_OG [0x0a8] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 00 | c5 | 82 | c5 | 82 |
| 2009/11/18 | 15:40:00.0 | AOCS_Ore-point_Start_19_OG [0x0a9] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 00 | 00 | e5 | ac | e6 |
| 2009/11/18 | 16:15:00.0 | AOCS_Ore-point_Start_20_OG [0x0aa] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 00 | 54 | e5 | 00 | e5 |
| 2009/11/18 | 16:50:00.0 | AOCS_Ore-point_Start_21_OG [0x0ab] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 00 | 3c | 41 | c5 | 82 |
| 2009/11/18 | 17:34:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 17:34:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | | | | | | | | |
| | | XRT_FOCUS_POSITION | | 4 | 07-F8 | 22 | ff | aa | 00 | |
| 2009/11/18 | 17:35:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | | |
| | | AOCU_NM | | 5 | 02-76 | 00 | 00 | 00 | 00 | 00 |
| 2009/11/18 | 17:35:16.0 | XRT_FLD_DIS_409_OG [0x199] | | | | | | | | |
| | | MDP_XRT_FLD_DIS | | 1 | 07-F0 | | | d9 | | |
| 2009/11/18 | 17:35:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | | 1 | 07-F0 | | | c9 | | |
| 2009/11/18 | 17:35:20.0 | XRT_ARS_DIS_411_OG [0x19b] | | | | | | | | |
| | | MDP_XRT_ARS_DIS | | 1 | 07-F0 | | | d5 | | |
| 2009/11/18 | 17:37:58.0 | XRT_QT_PROG_SET_414_OG [0x19e] | | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | | 2 | 07-F0 | | | c4 | 03 | |
| 2009/11/18 | 17:38:00.0 | XRT_CTRL_AUTO_407_OG [0x197] | | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | | 1 | 07-F0 | | | c0 | | |
| 2009/11/18 | 17:44:54.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | | |
| | | MDP_XRT_CTRL_MANU | | 1 | 07-F0 | | | c1 | | |
| 2009/11/18 | 17:44:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | | | | | | | | |

Nov 17, 09 13:38

XRT_OGLIST_0912.chk

Page 3/3

| | | | | | | | | | |
|------------|------------|-----------------------------------|---------------------|---|-------|----|----|----|----|
| 2009/11/18 | 17:45:00.0 | AOCS_Or-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe | 97 | 00 |
| | | AOCU_NM | | 5 | 02-76 | 03 | 00 | 00 | 00 |
| 2009/11/18 | 17:45:16.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2009/11/18 | 17:45:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2009/11/18 | 17:45:20.0 | XRT_ARS_DIS_411_OG [0x19b] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2009/11/18 | 17:47:58.0 | XRT_QT_PROG_SET_412_OG [0x19c] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | | |
| 2009/11/18 | 17:48:00.0 | XRT_CTRL_AUTO_407_OG [0x197] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/18 | 18:13:30.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/18 | 18:37:00.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/18 | 18:38:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/18 | 19:50:30.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/18 | 20:14:00.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/18 | 20:15:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/18 | 21:28:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/18 | 21:51:00.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/18 | 21:52:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/18 | 23:05:30.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/18 | 23:25:30.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/18 | 23:26:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/19 | 00:42:30.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/19 | 00:50:00.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/19 | 00:51:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/19 | 02:06:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/19 | 02:25:30.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/19 | 02:26:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/19 | 03:40:00.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/19 | 04:02:30.0 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/19 | 04:03:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/19 | 05:12:30.0 | XRT_CTRL_MANU_419_OG [0x1a3] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/19 | 05:40:00.5 | XRT_Custom_420_OG [0x1a4] | | | | | | | |
| 2009/11/19 | 05:41:00.5 | XRT_CTRL_AUTO_416_OG [0x1a0] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/19 | 05:59:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/19 | 05:59:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff | aa | 00 |
| 2009/11/19 | 06:00:00.0 | AOCS_Or-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 |
| 2009/11/19 | 06:00:16.0 | XRT_FLD_DIS_409_OG [0x199] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | |
| 2009/11/19 | 06:00:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | |
| 2009/11/19 | 06:00:20.0 | XRT_ARS_DIS_411_OG [0x19b] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | |
| 2009/11/19 | 06:02:58.0 | XRT_QT_PROG_SET_414_OG [0x19e] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 | | |
| 2009/11/19 | 06:03:00.0 | XRT_CTRL_AUTO_407_OG [0x197] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | |
| 2009/11/19 | 06:09:54.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | |
| 2009/11/19 | 06:10:00.0 | AOCS_Or-point_Start_2_OG [0x098] | AOCU_NM | 5 | 02-76 | 03 | 00 | 00 | 00 |
| 2009/11/19 | 10:47:00.0 | AOCS_Or-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 00 | 00 | 00 | 00 |