

# XRT Timeline to be uploaded on 2009/12/26

Period: 2009/12/26 10:58:00 - 2009/12/30 10:25:00

\* \* \* \* \*

## Normal mode

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| XOB #174E: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384 |                |                        |       |      |       |  |     |     |                      |       |            |          |        |
|--|----------------|------------------------|-------|------|-------|--|-----|-----|----------------------|-------|------------|----------|--------|
| Term   |                | Pointing (x, y)        |       |      |       | Comment                                |     |     |                      |       |            |          |        |
| 12/26 11:10:58 - 12/26 17:16:30                                      |                | Fixed ( -10.0, -950.0) |       |      |       | # OP start + 10min   HOP 81 South Pole |     |     |                      |       |            |          |        |
| <b>PROG= 15 Inf.-time(s)</b>   |                |                        |       |      |       |  |     |     |                      |       |            |          |        |
| └─ Subr= 1 1-time(s) 2.0sec  |                |                        |       |      |       |  |     |     |                      |       |            |          |        |
| └─ Seqn= 46 1-time(s) 2.0sec   |                |                        |       |      |       |  |     |     |                      |       |            |          |        |
|  | Open/G-band    | Open/G-band            | open  | Safe | Norm  | 63ms                                   | Obs | 1x1 | 384x384 (1064, 1048) | Q=90  | 0          | 0        | 2.0sec |
| └─ Subr= 2 30-time(s) 2.0sec   |                |                        |       |      |       |  |     |     |                      |       |            |          |        |
| └─ Seqn= 45 2-time(s) 30.0sec  |                |                        |       |      |       |  |     |     |                      |       |            |          |        |
|  | Open/Al-mesh   | Open/Al-mesh           | close | Safe | Norm  | 4.00s                                  | Obs | 1x1 | 384x384 (1064, 1048) | Q=90  | 0          | 0        | 2.0sec |
|  | Open/Ti-poly   | Open/Ti-poly           | close | Safe | Norm  | 8.00s                                  | Obs | 1x1 | 384x384 (1064, 1048) | Q=90  | 0          | 0        | 2.0sec |
|  | Default Filter | Thicker Filter         | VLS   | mode | image | Exp.                                   | CCD | Bin | ROI: size (center)   | Comp. | AEC Buffer | Interval |        |

### XOB #174D: Synoptic Q95 2x2 - Al/mesh(45/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(128/1024) + G-band(16/1024)

| Term                            |                | Pointing (x, y)   |       |      |       | Comment                    |     |     |                        |       |            |          |        |
|---------------------------------|----------------|-------------------|-------|------|-------|----------------------------|-----|-----|------------------------|-------|------------|----------|--------|
| 12/26 18:00:30 - 12/26 18:07:24 |                | Fixed ( 0.0, 0.0) |       |      |       | synoptic, shifted -2.5 min |     |     |                        |       |            |          |        |
| 12/27 06:33:30 - 12/27 06:40:24 |                | Fixed ( 0.0, 0.0) |       |      |       | synoptic, shifted 30.5 min |     |     |                        |       |            |          |        |
| 12/27 18:20:00 - 12/27 18:26:54 |                | Fixed ( 0.0, 0.0) |       |      |       | synoptic, shifted 17.0 min |     |     |                        |       |            |          |        |
| 12/28 06:06:00 - 12/28 06:12:54 |                | Fixed ( 0.0, 0.0) |       |      |       | synoptic, shifted 3.0 min  |     |     |                        |       |            |          |        |
| 12/28 18:03:00 - 12/28 18:09:54 |                | Fixed ( 0.0, 0.0) |       |      |       | synoptic                   |     |     |                        |       |            |          |        |
| 12/29 06:09:30 - 12/29 06:16:24 |                | Fixed ( 0.0, 0.0) |       |      |       | synoptic, shifted 6.5 min  |     |     |                        |       |            |          |        |
| <b>PROG= 20 1-time(s)</b>       |                |                   |       |      |       |                            |     |     |                        |       |            |          |        |
| └─ Subr= 1 1-time(s) 12.0sec    |                |                   |       |      |       |                            |     |     |                        |       |            |          |        |
| └─ Seqn= 57 1-time(s) 4.0sec    |                |                   |       |      |       |                            |     |     |                        |       |            |          |        |
|                                 | Open/Al-mesh   | Open/Ti-poly      | close | Safe | Norm  | 44ms                       | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95  | 0          | 0        | 2.0sec |
|                                 | Open/Al-mesh   | Open/Ti-poly      | close | Safe | Norm  | 2.00s                      | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95  | 0          | 0        | 2.0sec |
| └─ Seqn= 2 1-time(s) 2.0sec     |                |                   |       |      |       |                            |     |     |                        |       |            |          |        |
|                                 | Open/Ti-poly   | Open/thick-Al     | close | Safe | Dark  | 500ms                      | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=98  | 0          | 0        | 2.0sec |
|                                 | Open/Ti-poly   | Open/thick-Al     | close | Safe | Dark  | 500ms                      | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=98  | 0          | 0        | 2.0sec |
|                                 | Open/Ti-poly   | Open/thick-Al     | close | Safe | Dark  | 500ms                      | Obs | 8x8 | 2048x2048 (1024, 1024) | Q=98  | 0          | 0        | 2.0sec |
|                                 | Open/Ti-poly   | Open/thick-Al     | close | Safe | Dark  | 500ms                      | Obs | 1x1 | 2048x512 (1024, 1024)  | DPCM  | 0          | 0        | 2.0sec |
|                                 | Open/Ti-poly   | Open/thick-Al     | close | Safe | Dark  | 500ms                      | Obs | 1x1 | 512x2048 (1024, 1024)  | DPCM  | 0          | 0        | 2.0sec |
| └─ Seqn= 40 1-time(s) 4.0sec    |                |                   |       |      |       |                            |     |     |                        |       |            |          |        |
|                                 | Open/Ti-poly   | Open/Ti-poly      | close | Safe | Norm  | 125ms                      | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95  | 0          | 0        | 2.0sec |
|                                 | Open/Ti-poly   | Open/thick-Al     | close | Safe | Norm  | 1.00s                      | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95  | 0          | 0        | 2.0sec |
| └─ Seqn= 11 1-time(s) 2.0sec    |                |                   |       |      |       |                            |     |     |                        |       |            |          |        |
|                                 | Open/G-band    | Open/G-band       | open  | Safe | Norm  | 16ms                       | Obs | 2x2 | 2048x2048 (1024, 1024) | Q=95  | 0          | 0        | 2.0sec |
|                                 | Default Filter | Thicker Filter    | VLS   | mode | image | Exp.                       | CCD | Bin | ROI: size (center)     | Comp. | AEC Buffer | Interval |        |

### XOB #1750: Full Sun Q95 - 4x4 - Ti/poly - AEC2

| Term                            |                | Pointing (x, y)                                     |       |      |       | Comment                                  |     |     |                        |       |            |          |        |
|---------------------------------|----------------|---|-------|------|-------|--|-----|-----|------------------------|-------|------------|----------|--------|
| 12/26 18:10:32 - 12/26 20:00:00 |                | Track ( -610.5, -431.7) <sup>Ⓢ 12/26 18:07:30</sup> |       |      |       | # Track bright feature near the SE limb. |     |     |                        |       |            |          |        |
| <b>PROG= 03 Inf.-time(s)</b>    |                |   |       |      |       |  |     |     |                        |       |            |          |        |
| └─ Subr= 1 30-time(s) 2.0sec    |                |   |       |      |       |  |     |     |                        |       |            |          |        |
| └─ Seqn= 34 1-time(s) 120.0sec  |                |   |       |      |       |  |     |     |                        |       |            |          |        |
|                                 | Open/Ti-poly   | Open/thick-Al                                       | close | Safe | Norm  | 125ms                                    | Obs | 4x4 | 2048x2048 (1024, 1024) | Q=95  | 2          | 0        | 2.0sec |
| └─ Subr= 2 1-time(s) 60.0sec    |                |   |       |      |       |  |     |     |                        |       |            |          |        |
| └─ Seqn= 36 1-time(s) 30.0sec   |                |   |       |      |       |  |     |     |                        |       |            |          |        |
|                                 | Open/Ti-poly   | Open/Ti-poly  | close | Safe | Dark  | 22.6s                                    | Obs | 4x4 | 2048x2048 (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 #1746: AR - TiPoly(256FOV), Al-mesh, Ti-poly, Thick-Al, G-band(512FOV) - AEC1\_3

| Term                            |               | Pointing (x, y)                                     |       |      |      | Comment                                    |     |     |                      |      |   |   |        |
|---------------------------------|---------------|---|-------|------|------|--|-----|-----|----------------------|------|---|---|--------|
| 12/26 20:03:10 - 12/27 05:54:00 |               | Track ( -610.5, -431.7) <sup>Ⓢ 12/26 18:07:30</sup> |       |      |      | # Track bright feature near the SE limb.   |     |     |                      |      |   |   |        |
| 12/27 06:43:30 - 12/27 09:14:00 |               | Track ( -535.1, -428.3) <sup>Ⓢ 12/27 06:40:30</sup> |       |      |      | # Track the bright stuff (con't).          |     |     |                      |      |   |   |        |
| 12/27 14:54:02 - 12/27 17:53:30 |               | Track ( -483.2, -426.3) <sup>Ⓢ 12/27 14:40:00</sup> |       |      |      | Return to the bright stuff.                |     |     |                      |      |   |   |        |
| 12/27 18:30:00 - 12/28 06:02:54 |               | Track ( -457.7, -425.3) <sup>Ⓢ 12/27 18:27:00</sup> |       |      |      | # Continue tracking the bright stuff.      |     |     |                      |      |   |   |        |
| 12/28 06:16:00 - 12/28 09:52:30 |               | Track ( -374.8, -422.6) <sup>Ⓢ 12/28 06:13:00</sup> |       |      |      | # Continue tracking the SE bright feature. |     |     |                      |      |   |   |        |
| 12/28 15:41:02 - 12/28 17:59:54 |               | Track ( -307.4, -420.7) <sup>Ⓢ 12/28 15:20:00</sup> |       |      |      | Return to the SE bright feature.           |     |     |                      |      |   |   |        |
| 12/28 18:13:00 - 12/29 05:30:00 |               | Track ( -285.9, -420.2) <sup>Ⓢ 12/28 18:10:00</sup> |       |      |      | # Bright feature in the SE (cont.)         |     |     |                      |      |   |   |        |
| <b>PROG= 09 Inf.-time(s)</b>    |               |   |       |      |      |  |     |     |                      |      |   |   |        |
| └─ Subr= 1 1-time(s) 30.0sec    |               |   |       |      |      |  |     |     |                      |      |   |   |        |
| └─ Seqn= 41 1-time(s) 120.0sec  |               |   |       |      |      |  |     |     |                      |      |   |   |        |
|                                 | Open/G-band   | Open/G-band   | open  | Safe | Norm | 63ms                                       | Obs | 1x1 | 512x512 (1024, 1024) | Q=98 | 0 | 0 | 2.0sec |
| └─ Seqn= 28 1-time(s) 30.0sec   |               |   |       |      |      |  |     |     |                      |      |   |   |        |
|                                 | Open/Al-mesh  | Open/Ti-poly  | close | Safe | Norm | 125ms                                      | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 1 | 0 | 2.0sec |
|                                 | Open/Ti-poly  | Open/thick-Al                                       | close | Safe | Norm | 250ms                                      | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 1 | 0 | 2.0sec |
|                                 | Open/thick-Al | Open/thick-Al                                       | close | Safe | Norm | 1.00s                                      | Obs | 1x1 | 512x512 (1024, 1024) | Q=95 | 1 | 0 | 2.0sec |
| └─ Subr= 2 30-time(s) 2.0sec    |               |   |       |      |      |  |     |     |                      |      |   |   |        |
| └─ Seqn= 42 1-time(s) 30.0sec   |               |   |       |      |      |  |     |     |                      |      |   |   |        |
|                                 | Open/Ti-poly  | Open/thick-Al                                       | close | Safe | Norm | 250ms                                      | Obs | 1x1 | 256x256 (1024, 1024) | Q=95 | 3 | 0 | 2.0sec |

| Default Filter | Thicker Filter | VLS | mode | image | Exp. | CCD | Bin | ROI: size (center) | Comp. | AEC Buffer | Interval |
|----------------|----------------|-----|------|-------|------|-----|-----|--------------------|-------|------------|----------|
|----------------|----------------|-----|------|-------|------|-----|-----|--------------------|-------|------------|----------|

**XOB #1751: HOP146 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384**

| Term                            | Pointing (x, y)      | Comment               |
|---------------------------------|----------------------|-----------------------|
| 12/27 09:33:58 - 12/27 14:39:54 | Fixed ( 0.0, 935.0)  | HOP 146 at North Pole |
| 12/28 10:09:58 - 12/28 15:17:30 | Fixed ( 0.0, -945.0) | HOP 146 South Pole    |

**PROG= 08 Inf.-time(s)**

|                 |              |          |      |      |       |     |     |                      |      |   |   |        |
|-----------------|--------------|----------|------|------|-------|-----|-----|----------------------|------|---|---|--------|
| Subr= 1         | 1-time(s)    | 2.0sec   |      |      |       |     |     |                      |      |   |   |        |
| └ Seqn= 46      | 1-time(s)    | 2.0sec   |      |      |       |     |     |                      |      |   |   |        |
| └└ Open/G-band  | Open/G-band  | open     | Safe | Norm | 63ms  | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| Subr= 2         | 12-time(s)   | 300.0sec |      |      |       |     |     |                      |      |   |   |        |
| └ Seqn= 45      | 2-time(s)    | 30.0sec  |      |      |       |     |     |                      |      |   |   |        |
| └└ Open/Al-mesh | Open/Al-mesh | close    | Safe | Norm | 4.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |
| └└ Open/Ti-poly | Open/Ti-poly | close    | Safe | Norm | 8.00s | Obs | 1x1 | 384x384 (1064, 1048) | Q=90 | 0 | 0 | 2.0sec |

**XOB #1747: Dark - Open+Thick-Be - 8x8 - 512x512**

| Term                            | Pointing (x, y)                                     | Comment                     |
|---------------------------------|---|-----------------------------|
| 12/29 06:19:10 - 12/29 06:20:10 | Track ( -192.3, -418.1) <sup>Ⓢ 12/29 06:16:30</sup> | # SE bright feature (cont.) |

**PROG= 16 1-time(s)**

|                   |               |        |      |      |      |     |     |                      |      |   |   |        |
|-------------------|---------------|--------|------|------|------|-----|-----|----------------------|------|---|---|--------|
| └ Subr= 1         | 1-time(s)     | 2.0sec |      |      |      |     |     |                      |      |   |   |        |
| └└ Seqn= 47       | 1-time(s)     | 2.0sec |      |      |      |     |     |                      |      |   |   |        |
| └└└ Open/thick-Be | Open/thick-Be | close  | Safe | Dark | 63ms | Obs | 8x8 | 512x512 (1024, 1024) | DPCM | 0 | 0 | 2.0sec |

```

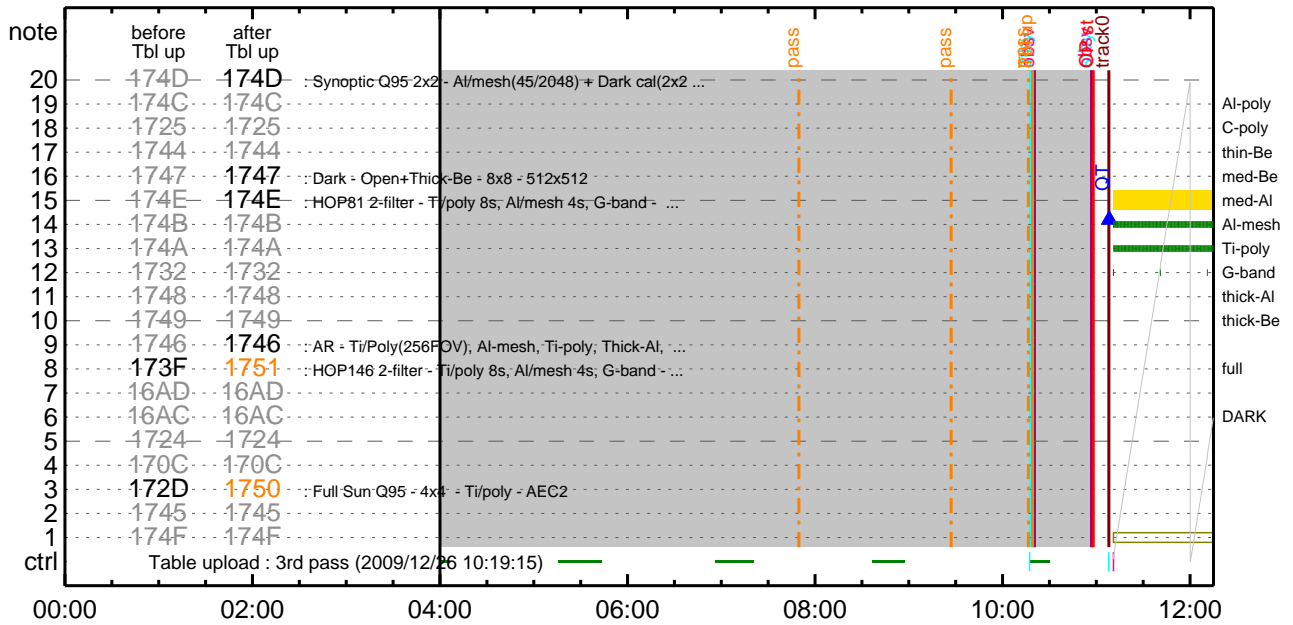
* * * * *           Flare mode           * * * * *
                        NOT USED
* * * * *           Active Region Search   * * * * *
                        NOT USED
* * * * *           Flare Detection        * * * * *

```

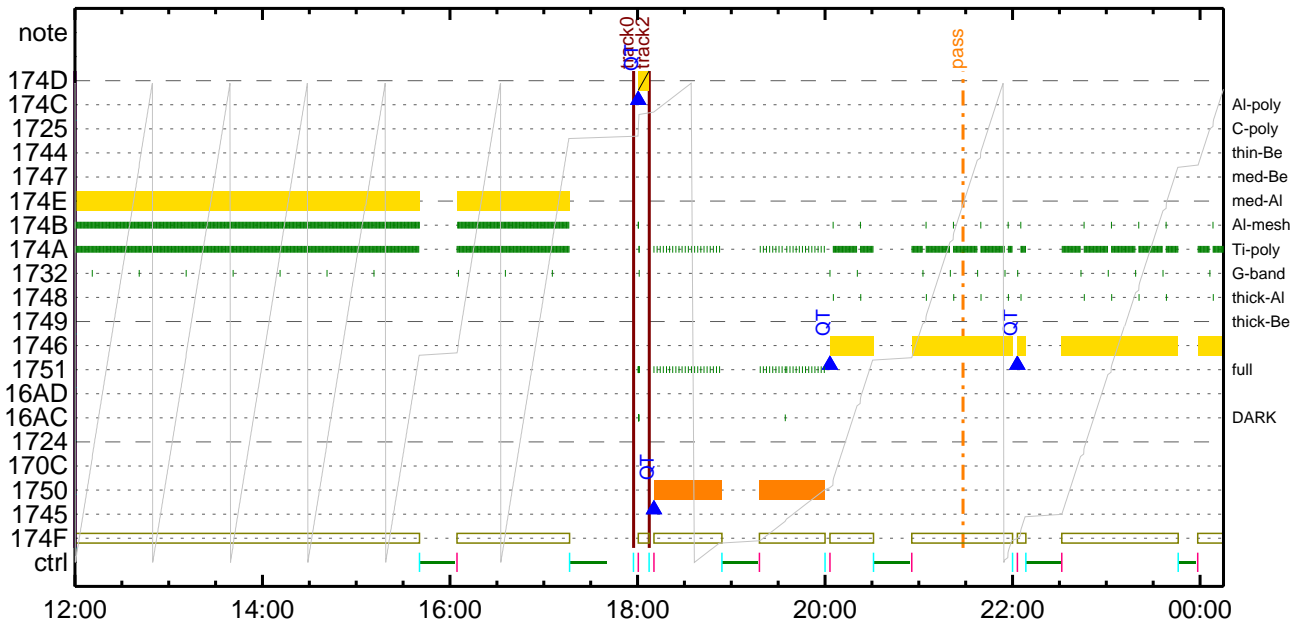
**FLD Patrol**

| Term                            | Pointing (x, y)                                     | Comment                                  |
|---------------------------------|---|--|
| 12/26 20:00:26 - 12/26 22:00:22 | Track ( -610.5, -431.7) <sup>Ⓢ 12/26 18:07:30</sup> | # Track bright feature near the SE limb. |
| Open/thick-Al                   | Open/thick-Al                                       | close Safe Norm 63ms Obs 8x8 Q=50 120sec |

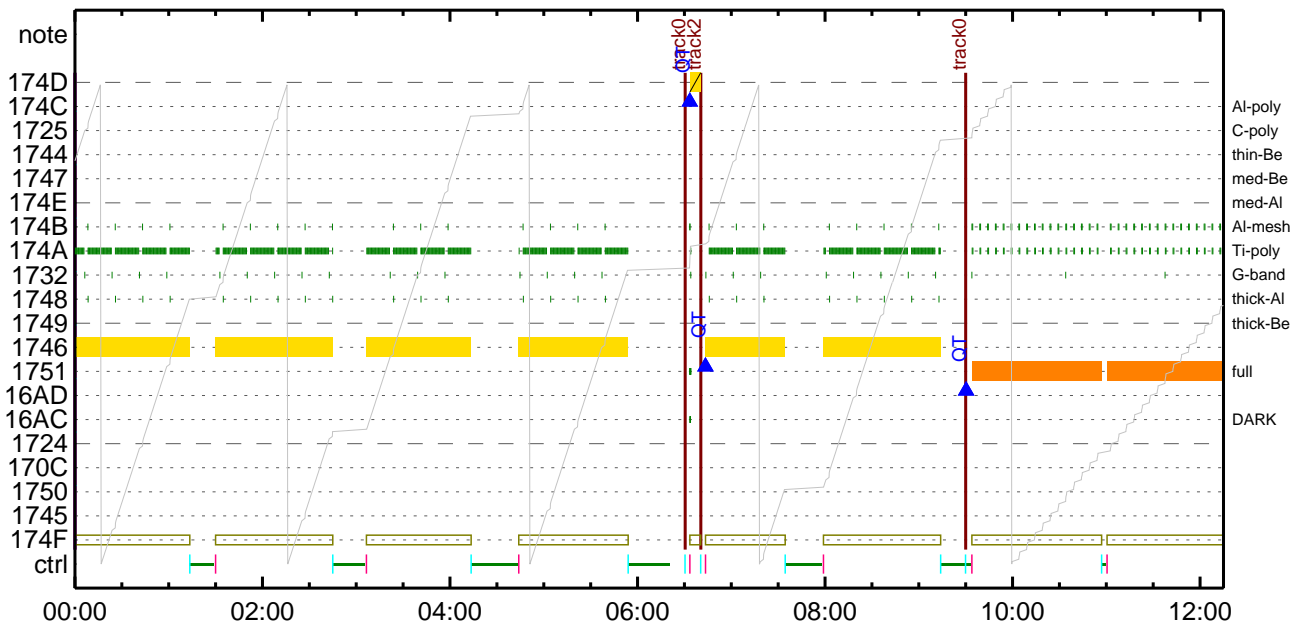
### CMDI #0989 2009/12/26



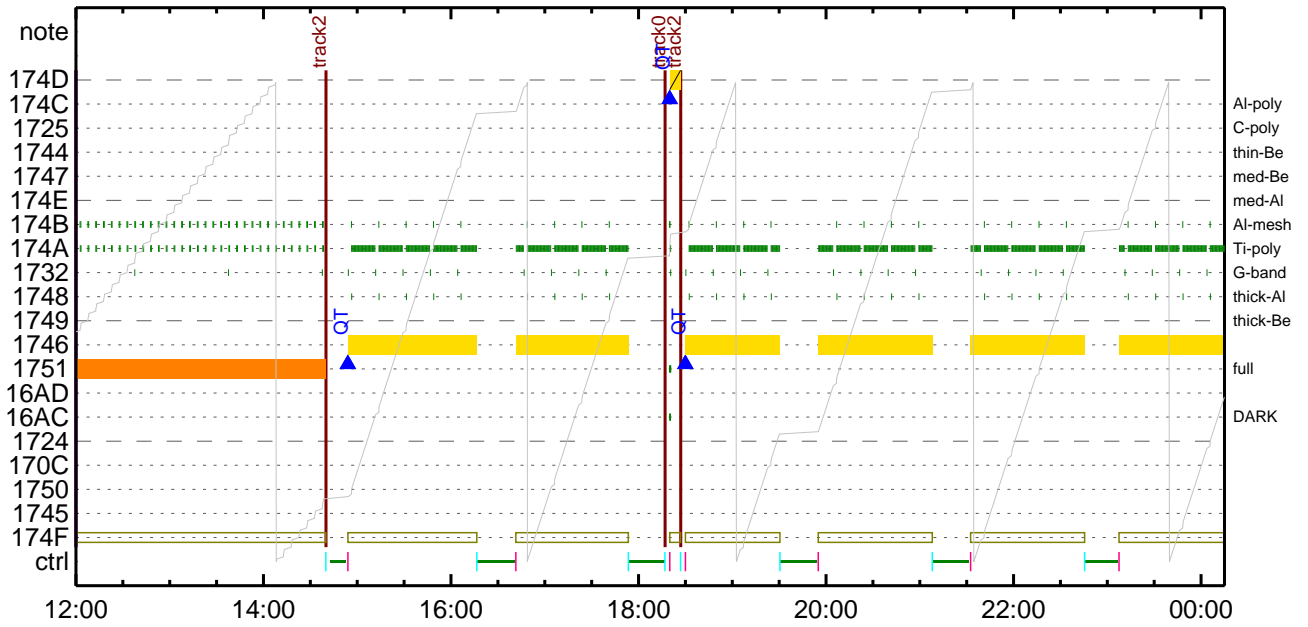
### CMDI #0989 2009/12/26



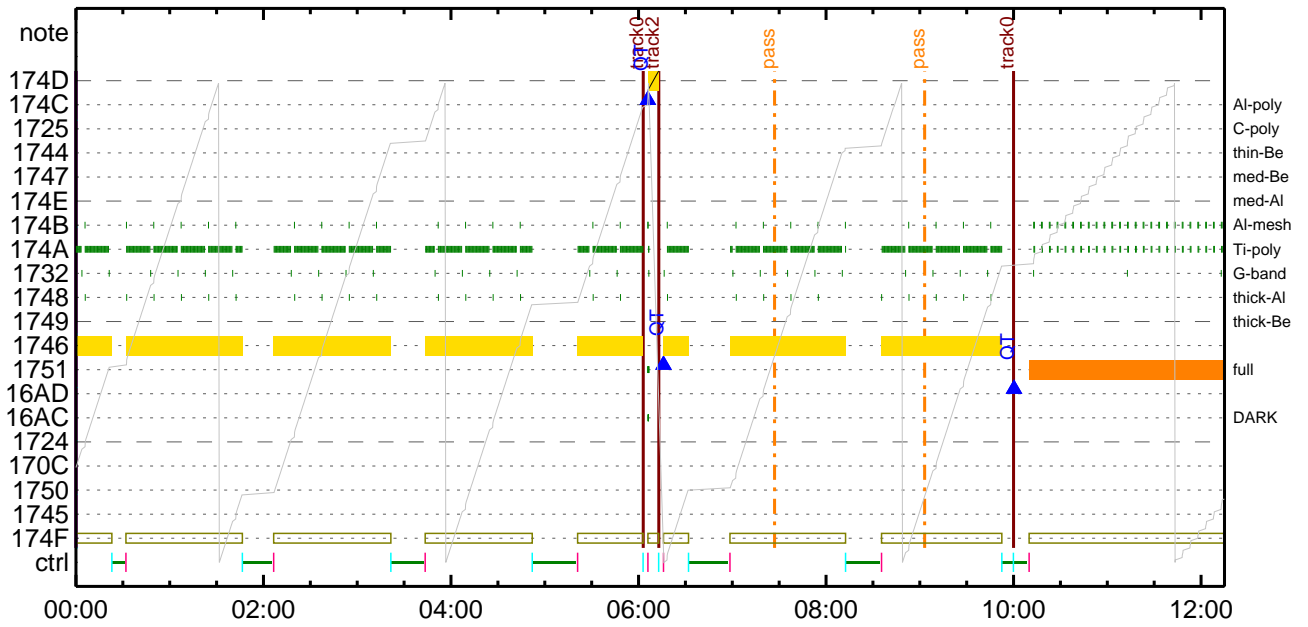
### CMDI #0989 2009/12/27



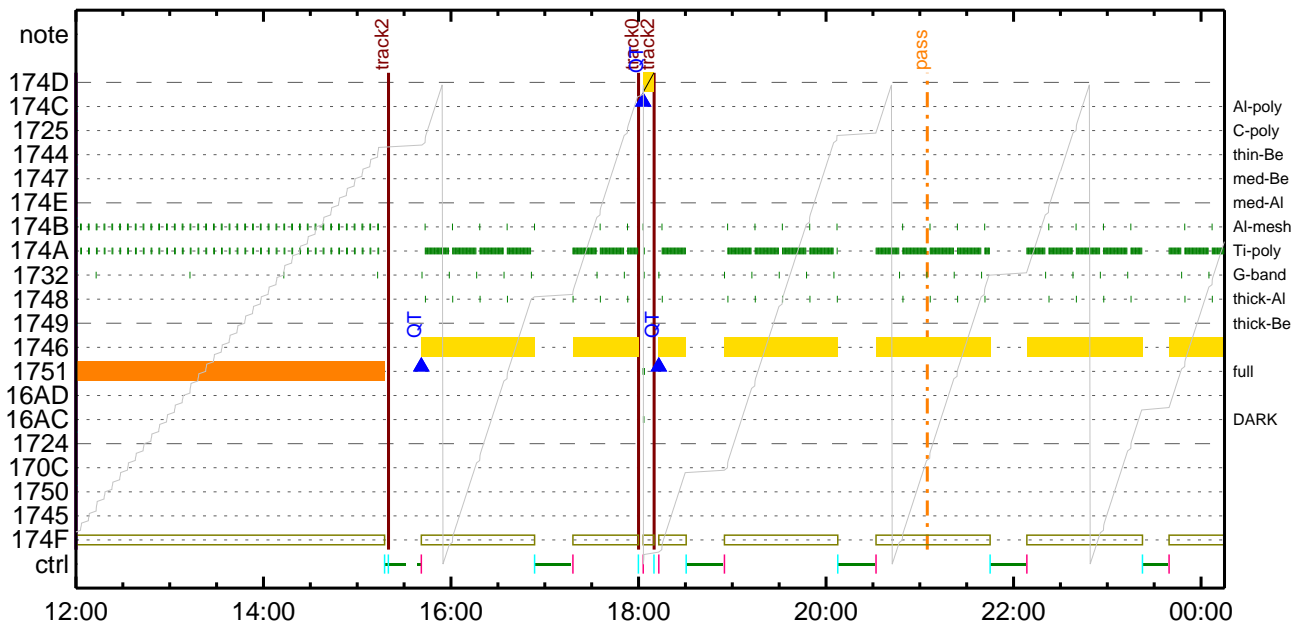
CMDI #0989 2009/12/27



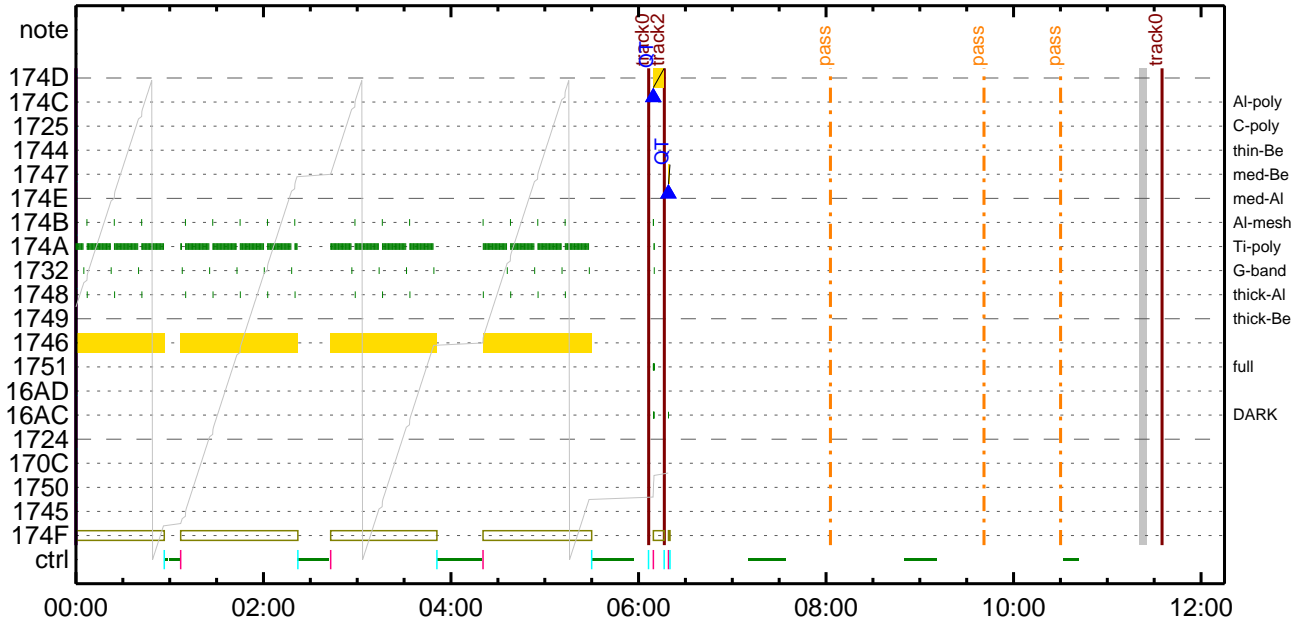
CMDI #0989 2009/12/28



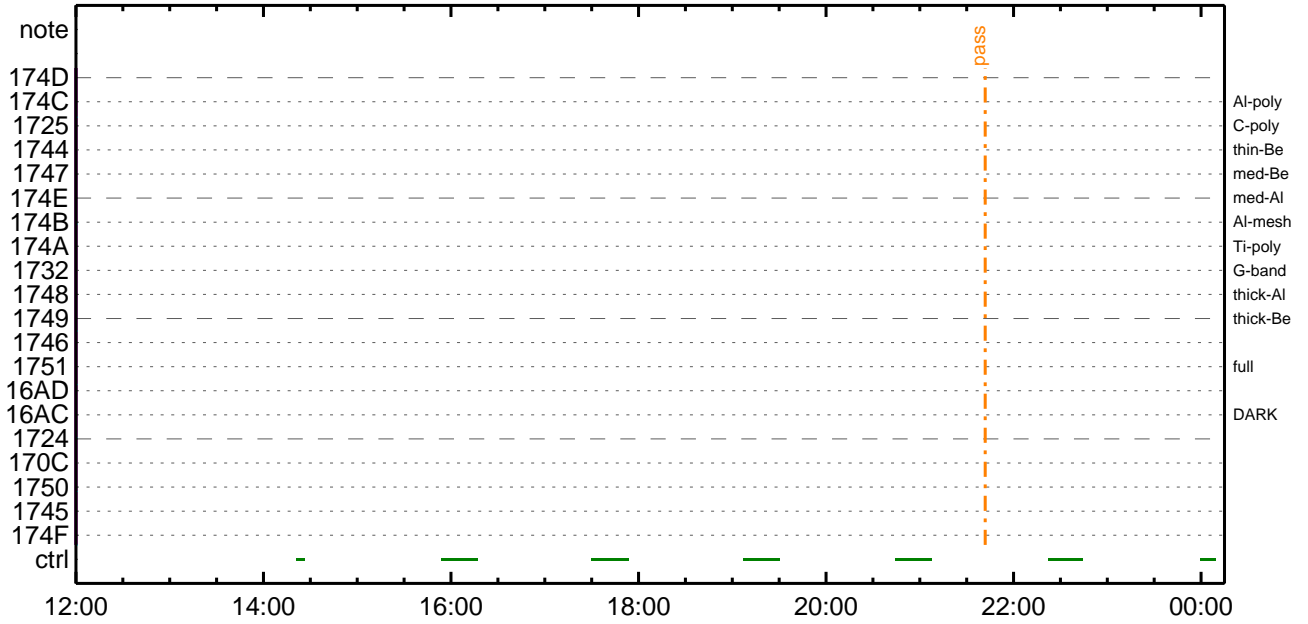
CMDI #0989 2009/12/28



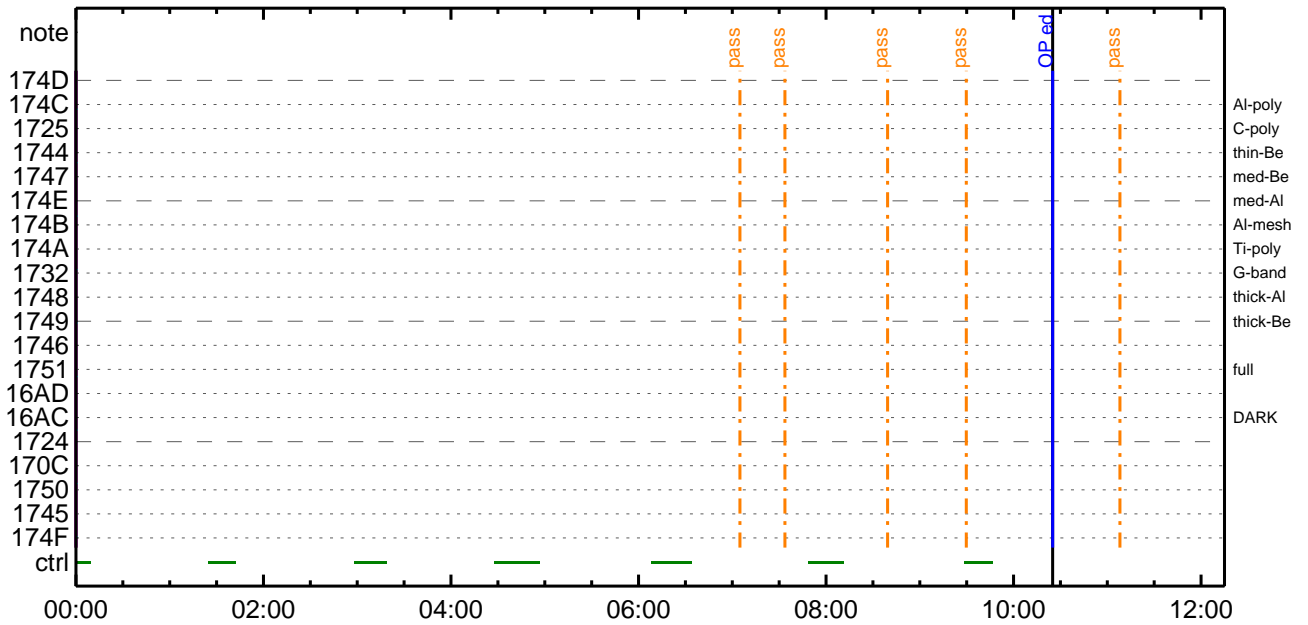
CMDI #0989 2009/12/29



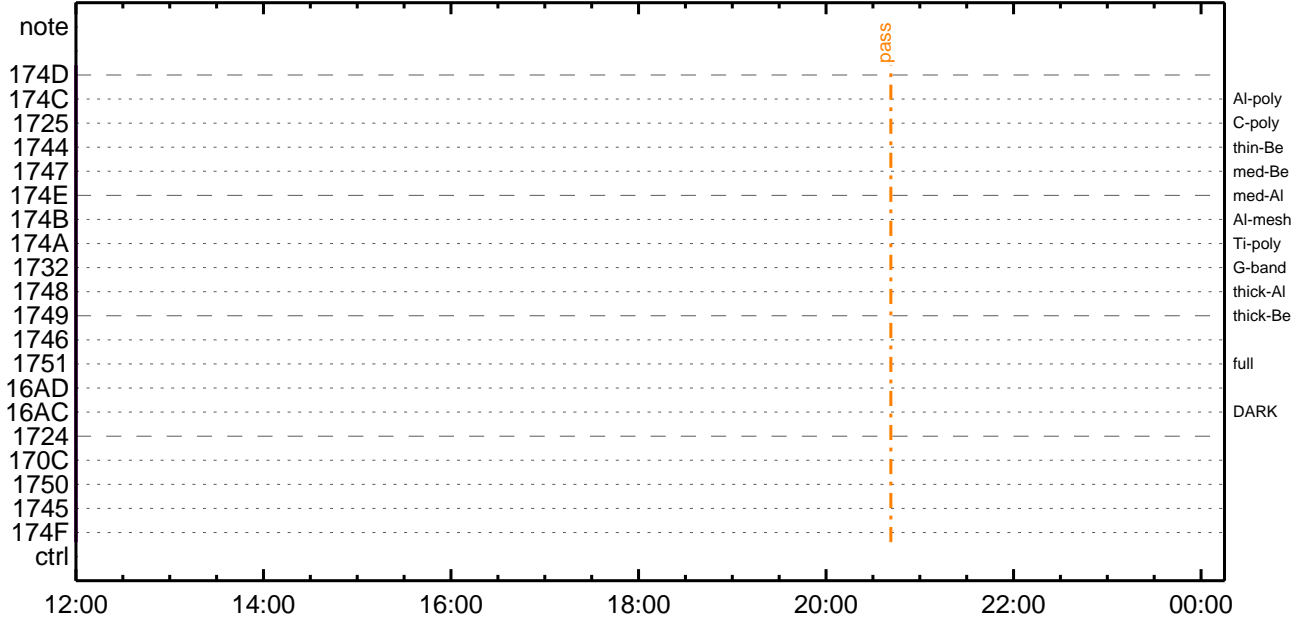
CMDI #0989 2009/12/29



CMDI #0989 2009/12/30



CMDI #0989 2009/12/30





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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-070:OP
0104 ( )
0105 S. OG og-070: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=NMOGñî½E¹ç•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=NMOGñî½E¹ç•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=OPñî½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** òE²¼òî½Ã´¶Á°òEÈ-ò°Á÷¿@ (¼âµ-YAYOXx½ê½çòðÁÔÃæç¼ª°"òE¼î¹çççâ) *****
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 UPLOADñ-Á÷¿@NGñî½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@ñî½Á¹Ôñ•òEñññ³òE;f
0180 C. òEñç;çSETòEDUMPAîE±°îYñY¹ç¹Ôñ|ñ³òE;f
0181 C.
0182 C. TIY³YpYóYEòðÁDî¿(UT)
0183 +. TI 2009-12-26 10:53:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2009-12-26 10:53:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2009-12-26 10:53:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```











```
0096 DC 07-F0 MDP_XRT_MODE_OBSV
0097 BC (c2)
0098 . C. ----- Success Verify ? OK / NG ____
0099 C.
0100 C. ***** XRT END *****
0101 C.
0102 . C. ***** MDP `úÃîñî»ò¼ŷñÊÂðñ¹ñèDCBC•x²è *****
0103 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ñ¼Ã»Ûñ¹ñè)
0104 . S. DC-BC dcbc-402:DCBC
0105 (MDP_known_event)
0106 C.
0107 C.
0108 . C. ***** ŷDŷ¹•Ï Daily±¿ÍÑñÈ´Øñ¹ñèDCBC•x²è *****
0109 . S. DC-BC dcbc-153:DCBC
0110 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0111 C.
0112 C.
0113 . C. ¡ãLOSŷÁŷSŷÃŷ´¼Ã»Ûñ¹ñè
0114 C.
0115 . C. ***** LOS *****
0116 C.
```

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

|            |            |                                   |   |       |                |  |  |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|
| 2009/12/26 | 11:07:54.0 | XRT_CTRL_MANU_400_OG [0x190]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 11:07:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] |   |       |                |  |  |
|            |            | XRT_FOCUS_POSITION                | 4 | 07-F8 | 22 fe 97 00    |  |  |
| 2009/12/26 | 11:08:00.0 | AOCS_OrE-point_Start_1_OG [0x097] |   |       |                |  |  |
|            |            | AOCU_NM                           | 5 | 02-76 | 00 54 72 00 e5 |  |  |
| 2009/12/26 | 11:08:16.0 | XRT_QT_PROG_SET_439_OG [0x1b7]    |   |       |                |  |  |
|            |            | MDP_XRT_QT_PROG_SET               | 2 | 07-F0 | c4 0f          |  |  |
| 2009/12/26 | 11:08:18.0 | XRT_ARS_DIS_404_OG [0x194]        |   |       |                |  |  |
|            |            | MDP_XRT_ARS_DIS                   | 1 | 07-F0 | d5             |  |  |
| 2009/12/26 | 11:08:20.0 | XRT_FLD_DIS_405_OG [0x195]        |   |       |                |  |  |
|            |            | MDP_XRT_FLD_DIS                   | 1 | 07-F0 | d9             |  |  |
| 2009/12/26 | 11:08:22.0 | XRT_FLRCTRL_DIS_406_OG [0x196]    |   |       |                |  |  |
|            |            | MDP_XRT_FLRCTRL_DIS               | 1 | 07-F0 | c9             |  |  |
| 2009/12/26 | 11:10:58.0 | XRT_CTRL_AUTO_407_OG [0x197]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_AUTO                 | 1 | 07-F0 | c0             |  |  |
| 2009/12/26 | 15:40:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 16:03:30.0 | XRT_Custom_420_OG [0x1a4]         |   |       |                |  |  |
| 2009/12/26 | 16:04:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_AUTO                 | 1 | 07-F0 | c0             |  |  |
| 2009/12/26 | 17:16:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 17:57:24.0 | XRT_CTRL_MANU_400_OG [0x190]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 17:57:26.0 | XRT_FOCUS_POSITION_408_OG [0x198] |   |       |                |  |  |
|            |            | XRT_FOCUS_POSITION                | 4 | 07-F8 | 22 ff aa 00    |  |  |
| 2009/12/26 | 17:57:30.0 | AOCS_OrE-point_Start_2_OG [0x098] |   |       |                |  |  |
|            |            | AOCU_NM                           | 5 | 02-76 | 00 00 00 00 00 |  |  |
| 2009/12/26 | 17:57:46.0 | XRT_FLD_DIS_409_OG [0x199]        |   |       |                |  |  |
|            |            | MDP_XRT_FLD_DIS                   | 1 | 07-F0 | d9             |  |  |
| 2009/12/26 | 17:57:48.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    |   |       |                |  |  |
|            |            | MDP_XRT_FLRCTRL_DIS               | 1 | 07-F0 | c9             |  |  |
| 2009/12/26 | 17:57:50.0 | XRT_ARS_DIS_411_OG [0x19b]        |   |       |                |  |  |
|            |            | MDP_XRT_ARS_DIS                   | 1 | 07-F0 | d5             |  |  |
| 2009/12/26 | 18:00:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3]    |   |       |                |  |  |
|            |            | MDP_XRT_QT_PROG_SET               | 2 | 07-F0 | c4 14          |  |  |
| 2009/12/26 | 18:00:30.0 | XRT_CTRL_AUTO_407_OG [0x197]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_AUTO                 | 1 | 07-F0 | c0             |  |  |
| 2009/12/26 | 18:07:24.0 | XRT_CTRL_MANU_400_OG [0x190]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 18:07:26.0 | XRT_FOCUS_POSITION_413_OG [0x19d] |   |       |                |  |  |
|            |            | XRT_FOCUS_POSITION                | 4 | 07-F8 | 22 fe 97 00    |  |  |
| 2009/12/26 | 18:07:30.0 | AOCS_OrE-point_Start_3_OG [0x099] |   |       |                |  |  |
|            |            | AOCU_NM                           | 5 | 02-76 | 02 00 00 00 00 |  |  |
| 2009/12/26 | 18:07:46.0 | XRT_AEC_RESET_403_OG [0x193]      |   |       |                |  |  |
|            |            | MDP_XRT_AEC_RESET                 | 1 | 07-F0 | d0             |  |  |
| 2009/12/26 | 18:07:48.0 | XRT_FLD_DIS_409_OG [0x199]        |   |       |                |  |  |
|            |            | MDP_XRT_FLD_DIS                   | 1 | 07-F0 | d9             |  |  |
| 2009/12/26 | 18:07:50.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    |   |       |                |  |  |
|            |            | MDP_XRT_FLRCTRL_DIS               | 1 | 07-F0 | c9             |  |  |
| 2009/12/26 | 18:07:52.0 | XRT_ARS_DIS_411_OG [0x19b]        |   |       |                |  |  |
|            |            | MDP_XRT_ARS_DIS                   | 1 | 07-F0 | d5             |  |  |
| 2009/12/26 | 18:10:30.0 | XRT_QT_PROG_SET_414_OG [0x19e]    |   |       |                |  |  |
|            |            | MDP_XRT_QT_PROG_SET               | 2 | 07-F0 | c4 03          |  |  |
| 2009/12/26 | 18:10:32.5 | XRT_CTRL_AUTO_407_OG [0x197]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_AUTO                 | 1 | 07-F0 | c0             |  |  |
| 2009/12/26 | 18:54:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 19:17:00.0 | XRT_Custom_420_OG [0x1a4]         |   |       |                |  |  |
| 2009/12/26 | 19:18:00.5 | XRT_CTRL_AUTO_416_OG [0x1a0]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_AUTO                 | 1 | 07-F0 | c0             |  |  |
| 2009/12/26 | 20:00:00.0 | XRT_CTRL_MANU_400_OG [0x190]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 20:00:02.0 | XRT_AEC_RESET_403_OG [0x193]      |   |       |                |  |  |
|            |            | MDP_XRT_AEC_RESET                 | 1 | 07-F0 | d0             |  |  |
| 2009/12/26 | 20:00:04.0 | XRT_FLD_RESET_448_OG [0x1c0]      |   |       |                |  |  |
|            |            | MDP_XRT_FLD_RESET                 | 1 | 07-F0 | da             |  |  |
| 2009/12/26 | 20:00:06.0 | XRT_FOCUS_POSITION_413_OG [0x19d] |   |       |                |  |  |
|            |            | XRT_FOCUS_POSITION                | 4 | 07-F8 | 22 fe 97 00    |  |  |
| 2009/12/26 | 20:00:26.0 | XRT_FLD_ENA_449_OG [0x1c1]        |   |       |                |  |  |
|            |            | MDP_XRT_FLD_ENA                   | 1 | 07-F0 | d8             |  |  |
| 2009/12/26 | 20:00:28.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    |   |       |                |  |  |
|            |            | MDP_XRT_FLRCTRL_DIS               | 1 | 07-F0 | c9             |  |  |
| 2009/12/26 | 20:00:30.0 | XRT_ARS_DIS_411_OG [0x19b]        |   |       |                |  |  |
|            |            | MDP_XRT_ARS_DIS                   | 1 | 07-F0 | d5             |  |  |
| 2009/12/26 | 20:03:08.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    |   |       |                |  |  |
|            |            | MDP_XRT_QT_PROG_SET               | 2 | 07-F0 | c4 09          |  |  |
| 2009/12/26 | 20:03:10.0 | XRT_CTRL_AUTO_407_OG [0x197]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_AUTO                 | 1 | 07-F0 | c0             |  |  |
| 2009/12/26 | 20:31:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 20:54:30.0 | XRT_Custom_420_OG [0x1a4]         |   |       |                |  |  |
| 2009/12/26 | 20:55:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_AUTO                 | 1 | 07-F0 | c0             |  |  |
| 2009/12/26 | 22:00:00.0 | XRT_CTRL_MANU_400_OG [0x190]      |   |       |                |  |  |
|            |            | MDP_XRT_CTRL_MANU                 | 1 | 07-F0 | c1             |  |  |
| 2009/12/26 | 22:00:02.0 | XRT_FOCUS_POSITION_413_OG [0x19d] |   |       |                |  |  |
|            |            | XRT_FOCUS_POSITION                | 4 | 07-F8 | 22 fe 97 00    |  |  |
| 2009/12/26 | 22:00:22.0 | XRT_FLD_DIS_409_OG [0x199]        |   |       |                |  |  |
|            |            | MDP_XRT_FLD_DIS                   | 1 | 07-F0 | d9             |  |  |

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|            |            |                                   |                     |   |       |             |       |
|------------|------------|-----------------------------------|---------------------|---|-------|-------------|-------|
| 2009/12/26 | 22:00:24.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9          |       |
| 2009/12/26 | 22:00:26.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5          |       |
| 2009/12/26 | 22:03:04.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4          | 09    |
| 2009/12/26 | 22:03:06.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/26 | 22:08:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/26 | 22:30:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |             |       |
| 2009/12/26 | 22:31:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/26 | 23:46:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/26 | 23:57:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |             |       |
| 2009/12/26 | 23:58:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 01:13:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 01:29:00.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |             |       |
| 2009/12/27 | 01:30:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 02:45:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 03:05:30.5 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |             |       |
| 2009/12/27 | 03:06:30.5 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 04:13:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 04:43:00.5 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |             |       |
| 2009/12/27 | 04:44:00.5 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 05:54:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 06:30:24.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 06:30:26.0 | XRT_FOCUS_POSITION_408_OG [0x198] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 ff aa    | 00    |
| 2009/12/27 | 06:30:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | AOCU_NM             | 5 | 02-76 | 00 00 00 00 | 00 00 |
| 2009/12/27 | 06:30:46.0 | XRT_FLD_DIS_409_OG [0x199]        | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9          |       |
| 2009/12/27 | 06:30:48.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9          |       |
| 2009/12/27 | 06:30:50.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5          |       |
| 2009/12/27 | 06:33:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3]    | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4          | 14    |
| 2009/12/27 | 06:33:30.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 06:40:24.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 06:40:26.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97    | 00    |
| 2009/12/27 | 06:40:30.0 | AOCS_OrE-point_Start_3_OG [0x099] | AOCU_NM             | 5 | 02-76 | 02 00 00 00 | 00 00 |
| 2009/12/27 | 06:40:46.0 | XRT_FLD_DIS_409_OG [0x199]        | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9          |       |
| 2009/12/27 | 06:40:48.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9          |       |
| 2009/12/27 | 06:40:50.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5          |       |
| 2009/12/27 | 06:43:28.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4          | 09    |
| 2009/12/27 | 06:43:30.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 07:34:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 07:58:00.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |             |       |
| 2009/12/27 | 07:59:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 09:14:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 09:29:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 09:29:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97    | 00    |
| 2009/12/27 | 09:30:00.0 | AOCS_OrE-point_Start_4_OG [0x09a] | AOCU_NM             | 5 | 02-76 | 00 ac e6    | 00 00 |
| 2009/12/27 | 09:30:16.0 | XRT_QT_PROG_SET_428_OG [0x1ac]    | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4          | 08    |
| 2009/12/27 | 09:30:18.0 | XRT_ARS_DIS_404_OG [0x194]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5          |       |
| 2009/12/27 | 09:30:20.0 | XRT_FLD_DIS_405_OG [0x195]        | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9          |       |
| 2009/12/27 | 09:30:22.0 | XRT_FLRCTRL_DIS_434_OG [0x1b2]    | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9          |       |
| 2009/12/27 | 09:33:58.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0          |       |
| 2009/12/27 | 10:57:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1          |       |
| 2009/12/27 | 10:59:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |             |       |

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|            |            |                                   |                     |   |       |                |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2009/12/27 | 11:00:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/27 | 14:39:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 14:39:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97 00    |
| 2009/12/27 | 14:40:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM             | 5 | 02-76 | 02 00 00 00 00 |
| 2009/12/27 | 14:40:16.0 | XRT_AEC_RESET_403_OG [0x193]      | MDP_XRT_AEC_RESET   | 1 | 07-F0 | d0             |
| 2009/12/27 | 14:40:18.0 | XRT_FLD_DIS_409_OG [0x199]        | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |
| 2009/12/27 | 14:40:20.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |
| 2009/12/27 | 14:40:22.0 | XRT_ARS_DIS_438_OG [0x1b6]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |
| 2009/12/27 | 14:54:00.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09          |
| 2009/12/27 | 14:54:02.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/27 | 16:16:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 16:40:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/27 | 16:41:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/27 | 17:53:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 18:16:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 18:16:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 ff aa 00    |
| 2009/12/27 | 18:17:00.0 | AOCS_Ore-point_Start_2_OG [0x098] | AOCU_NM             | 5 | 02-76 | 00 00 00 00 00 |
| 2009/12/27 | 18:17:16.0 | XRT_FLD_DIS_409_OG [0x199]        | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |
| 2009/12/27 | 18:17:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |
| 2009/12/27 | 18:17:20.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |
| 2009/12/27 | 18:19:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3]    | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14          |
| 2009/12/27 | 18:20:00.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/27 | 18:26:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 18:26:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97 00    |
| 2009/12/27 | 18:27:00.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM             | 5 | 02-76 | 02 00 00 00 00 |
| 2009/12/27 | 18:27:16.0 | XRT_FLD_DIS_409_OG [0x199]        | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |
| 2009/12/27 | 18:27:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |
| 2009/12/27 | 18:27:20.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |
| 2009/12/27 | 18:29:58.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09          |
| 2009/12/27 | 18:30:00.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/27 | 19:30:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 19:54:00.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/27 | 19:55:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/27 | 21:08:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 21:31:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/27 | 21:32:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/27 | 22:45:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/27 | 23:06:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/27 | 23:07:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 00:23:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 00:31:00.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/28 | 00:32:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 01:46:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 02:05:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/28 | 02:06:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 03:21:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 03:42:30.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/28 | 03:43:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 04:52:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 05:20:00.0 | XRT_Custom_420_OG [0x1a4]         |                     |   |       |                |
| 2009/12/28 | 05:21:00.5 | XRT_CTRL_AUTO_416_OG [0x1a0]      |                     |   |       |                |



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|            |            |                                   |                     |   |       |                |  |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2009/12/28 | 06:02:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 06:02:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 06:03:00.0 | AOCS_Orе-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 ff aa 00    |  |
| 2009/12/28 | 06:03:16.0 | XRT_FLD_DIS_409_OG [0x199]        | AOCU_NM             | 5 | 02-76 | 00 00 00 00 00 |  |
| 2009/12/28 | 06:03:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |  |
| 2009/12/28 | 06:03:20.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |  |
| 2009/12/28 | 06:05:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3]    | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |  |
| 2009/12/28 | 06:06:00.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14          |  |
| 2009/12/28 | 06:12:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 06:12:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 06:13:00.0 | AOCS_Orе-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97 00    |  |
| 2009/12/28 | 06:13:16.0 | XRT_FLD_DIS_409_OG [0x199]        | AOCU_NM             | 5 | 02-76 | 02 00 00 00 00 |  |
| 2009/12/28 | 06:13:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |  |
| 2009/12/28 | 06:13:20.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |  |
| 2009/12/28 | 06:15:58.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |  |
| 2009/12/28 | 06:16:00.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09          |  |
| 2009/12/28 | 06:32:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 06:57:30.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 06:58:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 08:12:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 08:34:30.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 08:35:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 09:52:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 09:59:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 09:59:56.0 | XRT_FOCUS_POSITION_401_OG [0x191] | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 10:00:00.0 | AOCS_Orе-point_Start_5_OG [0x09b] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97 00    |  |
| 2009/12/28 | 10:00:16.0 | XRT_QT_PROG_SET_428_OG [0x1ac]    | AOCU_NM             | 5 | 02-76 | 00 54 00 00 00 |  |
| 2009/12/28 | 10:00:18.0 | XRT_ARS_DIS_404_OG [0x194]        | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 08          |  |
| 2009/12/28 | 10:00:20.0 | XRT_FLD_DIS_405_OG [0x195]        | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |  |
| 2009/12/28 | 10:00:22.0 | XRT_FLRCTRL_DIS_442_OG [0x1ba]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |  |
| 2009/12/28 | 10:09:58.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |  |
| 2009/12/28 | 15:17:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 15:19:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 15:19:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 15:20:00.0 | AOCS_Orе-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97 00    |  |
| 2009/12/28 | 15:20:16.0 | XRT_AEC_RESET_403_OG [0x193]      | AOCU_NM             | 5 | 02-76 | 02 00 00 00 00 |  |
| 2009/12/28 | 15:20:18.0 | XRT_FLD_DIS_409_OG [0x199]        | MDP_XRT_AEC_RESET   | 1 | 07-F0 | d0             |  |
| 2009/12/28 | 15:20:20.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |  |
| 2009/12/28 | 15:20:22.0 | XRT_ARS_DIS_445_OG [0x1bd]        | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |  |
| 2009/12/28 | 15:41:00.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |  |
| 2009/12/28 | 15:41:02.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09          |  |
| 2009/12/28 | 16:53:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 17:17:00.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 17:18:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |  |
| 2009/12/28 | 17:59:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 17:59:56.0 | XRT_FOCUS_POSITION_408_OG [0x198] | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |  |
| 2009/12/28 | 18:00:00.0 | AOCS_Orе-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 ff aa 00    |  |
| 2009/12/28 | 18:00:16.0 | XRT_FLD_DIS_409_OG [0x199]        | AOCU_NM             | 5 | 02-76 | 00 00 00 00 00 |  |

|            |            |                                   |                     |   |       |                |
|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2009/12/28 | 18:00:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |
| 2009/12/28 | 18:00:20.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |
| 2009/12/28 | 18:02:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3]    | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |
| 2009/12/28 | 18:03:00.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14          |
| 2009/12/28 | 18:09:54.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 18:09:56.0 | XRT_FOCUS_POSITION_413_OG [0x19d] | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 18:10:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 fe 97 00    |
| 2009/12/28 | 18:10:16.0 | XRT_FLD_DIS_409_OG [0x199]        | AOCU_NM             | 5 | 02-76 | 02 00 00 00 00 |
| 2009/12/28 | 18:10:18.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |
| 2009/12/28 | 18:10:20.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |
| 2009/12/28 | 18:12:58.0 | XRT_QT_PROG_SET_426_OG [0x1aa]    | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |
| 2009/12/28 | 18:13:00.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 09          |
| 2009/12/28 | 18:30:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 18:54:00.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 18:55:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 20:07:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 20:31:00.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 20:32:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 21:45:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 22:07:30.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 22:08:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 23:22:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/28 | 23:38:30.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/28 | 23:39:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 00:56:30.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/29 | 01:06:00.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 01:07:00.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/29 | 02:22:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 02:42:00.5 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/29 | 02:43:00.5 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 03:51:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/29 | 04:19:30.0 | XRT_Custom_420_OG [0x1a4]         | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 04:20:30.0 | XRT_CTRL_AUTO_416_OG [0x1a0]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/29 | 05:30:00.0 | XRT_CTRL_MANU_419_OG [0x1a3]      | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 06:06:24.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/29 | 06:06:26.0 | XRT_FOCUS_POSITION_408_OG [0x198] | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 06:06:30.0 | AOCS_ORe-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION  | 4 | 07-F8 | 22 ff aa 00    |
| 2009/12/29 | 06:06:46.0 | XRT_FLD_DIS_409_OG [0x199]        | AOCU_NM             | 5 | 02-76 | 00 00 00 00 00 |
| 2009/12/29 | 06:06:48.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |
| 2009/12/29 | 06:06:50.0 | XRT_ARS_DIS_411_OG [0x19b]        | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |
| 2009/12/29 | 06:09:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3]    | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |
| 2009/12/29 | 06:09:30.0 | XRT_CTRL_AUTO_407_OG [0x197]      | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14          |
| 2009/12/29 | 06:16:24.0 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |
| 2009/12/29 | 06:16:26.0 | XRT_FLD_DIS_409_OG [0x199]        | MDP_XRT_CTRL_MANU   | 1 | 07-F0 | c1             |
| 2009/12/29 | 06:16:28.0 | XRT_FLRCTRL_DIS_410_OG [0x19a]    | MDP_XRT_FLD_DIS     | 1 | 07-F0 | d9             |
| 2009/12/29 | 06:16:30.0 | AOCS_ORe-point_Start_3_OG [0x099] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9             |
| 2009/12/29 | 06:16:30.5 | XRT_ARS_DIS_411_OG [0x19b]        | AOCU_NM             | 5 | 02-76 | 02 00 00 00 00 |
| 2009/12/29 | 06:19:08.5 | XRT_QT_PROG_SET_429_OG [0x1ad]    | MDP_XRT_ARS_DIS     | 1 | 07-F0 | d5             |
| 2009/12/29 | 06:19:10.5 | XRT_CTRL_AUTO_447_OG [0x1bf]      | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10          |
| 2009/12/29 | 06:20:10.5 | XRT_CTRL_MANU_400_OG [0x190]      | MDP_XRT_CTRL_AUTO   | 1 | 07-F0 | c0             |

|            |            |                                   |                   |   |       |                |
|------------|------------|-----------------------------------|-------------------|---|-------|----------------|
| 2009/12/29 | 11:35:00.0 | AOCS_ORe-point_Start_2_OG [0x098] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1             |
|            |            | AOCU_NM                           |                   | 5 | 02-76 | 00 00 00 00 00 |