

# XRT Timeline to be uploaded on 2008/12/16

Period: 2008/12/16 09:31:00 - 2008/12/20 10:03:00

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## Normal mode

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<b>XOB #1621: HOP93 - Al/poly (23s) Q95 - G-band context 384x512FOV - offset (1024, 960)</b>												
Term	Pointing (x, y)							Comment				
12/16 10:02:06 - 12/16 17:53:24	Track ( -1.1, -850.0) @ 12/16 09:41:00							# OP start + 10min, HOP 93, polar coronal hole				
<b>PROG= 10 Inf.-time(s)</b>												
┌ <b>Subr= 1 2-time(s) 2.0sec</b>												
└ <b>Seqn= 43 1-time(s) 4.0sec</b>												
└ Al-poly/Open Al-poly/Open close Safe Dark 22.6s Obs 1x1 384x512 (1024, 960) Q=98 0 0 2.0sec												
└ <b>Seqn= 11 45-time(s) 40.0sec</b>												
└ Al-poly/Open Al-poly/Open close Safe Norm 22.6s Obs 1x1 384x512 (1024, 960) Q=95 0 0 2.0sec												
┌ <b>Subr= 2 1-time(s) 2.0sec</b>												
└ <b>Seqn= 56 1-time(s) 4.0sec</b>												
└ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x512 (1024, 960) Q=98 0 0 2.0sec												
Default Filter    Thicker Filter    VLS    mode    image    Exp.    CCD    Bin    ROI: size (center)    Comp.    AEC Buffer    Interval												

<b>XOB #1606: Synoptic Q95 2x2 - Al/poly(256/5795) + Dark cal(512 Q98) + Ti-poly(362/11571) + G-band(16)</b>												
Term	Pointing (x, y)							Comment				
12/16 17:55:30 - 12/16 18:05:00	Fixed ( 0.0, 0.0)							synoptic, shifted -6.5 min				
12/17 17:59:30 - 12/17 18:54:00	Fixed ( 0.0, 0.0)							synoptic, shifted -2.5 min				
12/17 19:18:30 - 12/17 23:46:00	Track ( 29.7, 0.2) @ 12/17 18:07:30							continue to track QS sun				
<b>PROG= 19 1-time(s)</b>												
┌ <b>Subr= 1 1-time(s) 12.0sec</b>												
└ <b>Seqn= 70 1-time(s) 4.0sec</b>												
└ Al-poly/Open Al-poly/Open close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└ Al-poly/Open Al-poly/thick-Al close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└ <b>Seqn= 57 1-time(s) 2.0sec</b>												
└ Open/Al-mesh Open/Al-mesh close Safe Dark 354ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└ <b>Seqn= 16 1-time(s) 4.0sec</b>												
└ Open/Ti-poly Open/Ti-poly close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└ Open/Ti-poly Open/Ti-poly close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└ <b>Seqn= 92 1-time(s) 2.0sec</b>												
└ 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												

<b>XOB #1615: Al/poly (AEC4) + Ti/poly (AEC4) + Thin-Be (AEC4) - 2-min cadence - FOV384 - Q95</b>												
Term	Pointing (x, y)							Comment				
12/16 18:07:08 - 12/16 23:59:54	Fixed ( 955.0, 0.0)							West limb, quiet Sun				
<b>PROG= 02 Inf.-time(s)</b>												
┌ <b>Subr= 1 1-time(s) 120.0sec</b>												
└ <b>Seqn= 42 3-time(s) 120.0sec</b>												
└ Al-poly/Open C-poly/Open close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=95 4 0 2.0sec												
└ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=95 4 0 2.0sec												
┌ <b>Subr= 2 1-time(s) 8.0sec</b>												
└ <b>Seqn= 99 2-time(s) 4.0sec</b>												
└ thin-Be/Open thin-Be/Open close Safe Norm 22.6s Obs 1x1 384x384 (1024, 1024) Q=95 4 0 2.0sec												
└ <b>Seqn= 82 1-time(s) 4.0sec</b>												
└ thin-Be/Open thin-Be/Open close Safe Dark 22.6s Obs 1x1 384x384 (1024, 1024) DPCM 0 0 2.0sec												
Default Filter    Thicker Filter    VLS    mode    image    Exp.    CCD    Bin    ROI: size (center)    Comp.    AEC Buffer    Interval												

<b>XOB #15E5: G-Band Q90 2x2 FFI for Co-align. data and Al/Poly - C/Poly</b>												
Term	Pointing (x, y)							Comment				
12/17 00:02:00 - 12/17 00:24:54	Fixed ( 0.0, 931.0)							HOP 79, Irradiance scan (N-S) (1/20)				
12/17 00:27:00 - 12/17 00:59:54	Fixed ( 0.0, 831.5)							2/20				
12/17 01:02:00 - 12/17 01:29:54	Fixed ( 0.0, 731.9)							3/20				
12/17 01:32:00 - 12/17 02:09:30	Fixed ( 0.0, 632.4)							4/20				
12/17 02:32:00 - 12/17 02:59:54	Fixed ( 0.0, 532.9)							5/20				
12/17 03:02:00 - 12/17 03:24:54	Fixed ( 0.0, 433.3)							6/20				
12/17 03:27:00 - 12/17 03:45:00	Fixed ( 0.0, 333.8)							7/20				
12/17 04:07:00 - 12/17 04:29:54	Fixed ( 0.0, 234.3)							8/20				
12/17 04:32:00 - 12/17 04:54:54	Fixed ( 0.0, 134.7)							9/20				
12/17 04:57:00 - 12/17 05:16:00	Fixed ( 0.0, 35.2)							10/20				
12/17 05:44:30 - 12/17 05:59:54	Fixed ( 0.0, -35.2)							11/20				
12/17 06:12:00 - 12/17 06:34:54	Fixed ( 0.0, -134.7)							12/20				
12/17 06:37:00 - 12/17 06:56:30	Fixed ( 0.0, -234.3)							13/20				
12/17 07:22:00 - 12/17 07:44:54	Fixed ( 0.0, -333.8)							14/20				
12/17 07:47:00 - 12/17 08:09:54	Fixed ( 0.0, -433.3)							15/20				
12/17 08:12:00 - 12/17 08:59:54	Fixed ( 0.0, -532.9)							16/20				
12/17 09:02:00 - 12/17 09:29:54	Fixed ( 0.0, -632.4)							17/20				
12/17 09:32:00 - 12/17 09:54:54	Fixed ( 0.0, -731.9)							18/20				
12/17 09:57:00 - 12/17 10:17:00	Fixed ( 0.0, -831.5)							19/20				
12/17 10:32:00 - 12/17 11:00:00	Fixed ( 0.0, -931.0)							20/20				
12/18 00:02:00 - 12/18 00:09:54	Fixed ( -917.0, 227.4)							HOP 79, Irradiance scan (E-W) 1/11				

12/18 00:12:00 - 12/18 00:19:54	Fixed ( -732.6, 266.9)	2/11
12/18 00:22:00 - 12/18 00:29:54	Fixed ( -555.0, 271.1)	3/11
12/18 00:32:00 - 12/18 00:39:54	Fixed ( -363.6, 273.6)	4/11
12/18 00:42:00 - 12/18 00:49:54	Fixed ( -173.0, 275.0)	5/11
12/18 00:52:00 - 12/18 00:59:54	Fixed ( 22.1, 275.4)	6/11
12/18 01:02:00 - 12/18 01:09:54	Fixed ( 173.0, 275.0)	7/11
12/18 01:12:00 - 12/18 01:15:00	Fixed ( 363.6, 273.6)	8/11
12/18 01:22:00 - 12/18 01:29:54	Fixed ( 555.0, 271.1)	9/11
12/18 01:32:00 - 12/18 01:39:54	Fixed ( 732.6, 266.9)	10/11
12/18 01:42:00 - 12/18 02:00:00	Fixed ( 917.0, 227.4)	11/11

**PROG= 05 1-time(s)**

- └─ **Subr= 1 1-time(s) 120.0sec**
  - └─ **Seqn= 54 1-time(s) 2.0sec**
    - └─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
  - └─ **Subr= 2 1-time(s) 2.0sec**
    - └─ **Seqn= 5 99-time(s) 120.0sec**
      - └─ Al-poly/Open Al-poly/Open close Safe Norm 5.66s Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec
      - └─ C-poly/Open C-poly/Open close Safe Norm 5.66s Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec

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Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**XOB #15D7: Synoptic Q95 2x2 - Al/mesh(362/5795) + Dark cal(362 Q98) + Ti-poly(512/11571) + G-band(16)**

Term	Pointing (x, y)	Comment
12/17 06:02:00 - 12/17 06:09:54	Fixed ( 0.0, 0.0)	synoptic
12/18 06:32:30 - 12/20 10:03:00	Fixed ( 0.0, 0.0)	synoptic, shifted 30.5 min

**PROG= 04 1-time(s)**

- └─ **Subr= 1 1-time(s) 12.0sec**
  - └─ **Seqn= 29 1-time(s) 4.0sec**
    - └─ Open/Al-mesh Open/Ti-poly close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
    - └─ Open/Al-mesh Open/Ti-poly close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
  - └─ **Seqn= 57 1-time(s) 2.0sec**
    - └─ Open/Al-mesh Open/Al-mesh close Safe Dark 354ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
  - └─ **Seqn= 4 1-time(s) 4.0sec**
    - └─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
    - └─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
  - └─ **Seqn= 92 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

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Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**XOB #1625: QS dynamics - Al/poly (12s) 384x384 - Q95 - 25s-cad**

Term	Pointing (x, y)	Comment
12/17 11:02:08 - 12/17 17:57:24	Track ( -38.0, -0.4) @ 12/17 11:00:00	EIS, disc center tracking (QS dynamics)
12/18 02:02:08 - 12/18 06:30:24	Track ( 104.3, 0.8) @ 12/18 02:00:00	QS dynamics

**PROG= 17 Inf.-time(s)**

- └─ **Subr= 1 1-time(s) 25.0sec**
  - └─ **Seqn= 9 1-time(s) 2.0sec**
    - └─ Al-poly/Open Al-poly/Open close Safe Norm 11.3s Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec

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

NOT USED

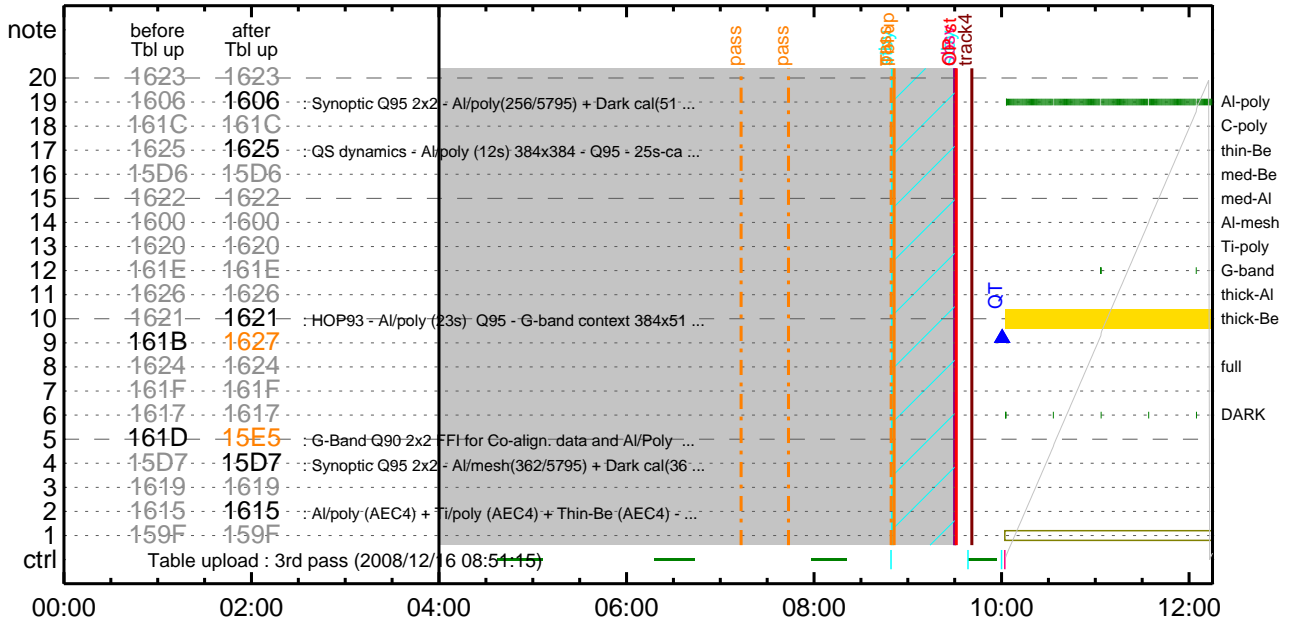
\* \* \* \* \* **Active Region Search** \* \* \* \* \*

NOT USED

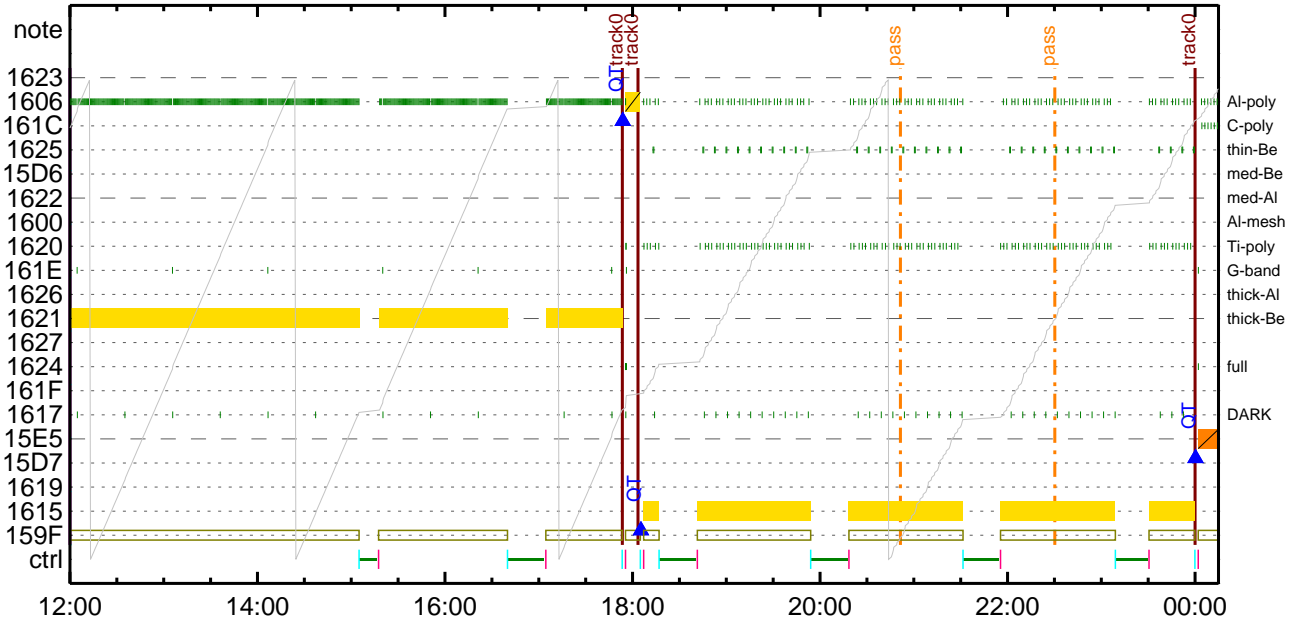
\* \* \* \* \* **Flare Detection** \* \* \* \* \*

NOT USED

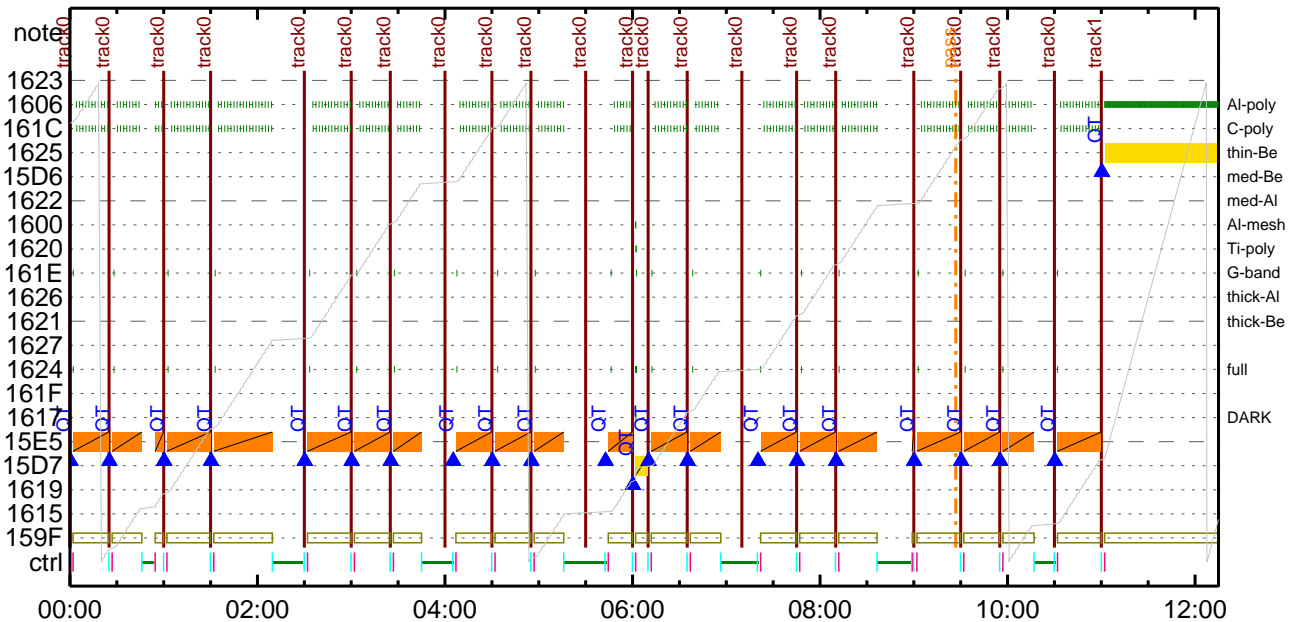
### CMDI #0300 2008/12/16



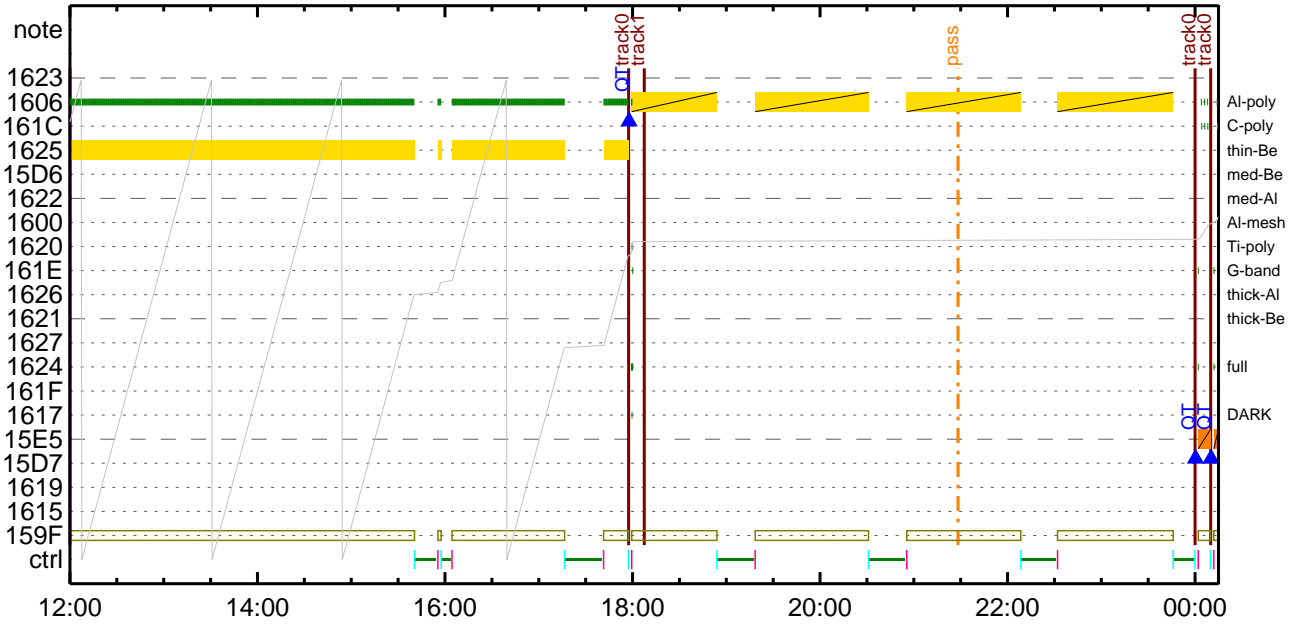
### CMDI #0300 2008/12/16



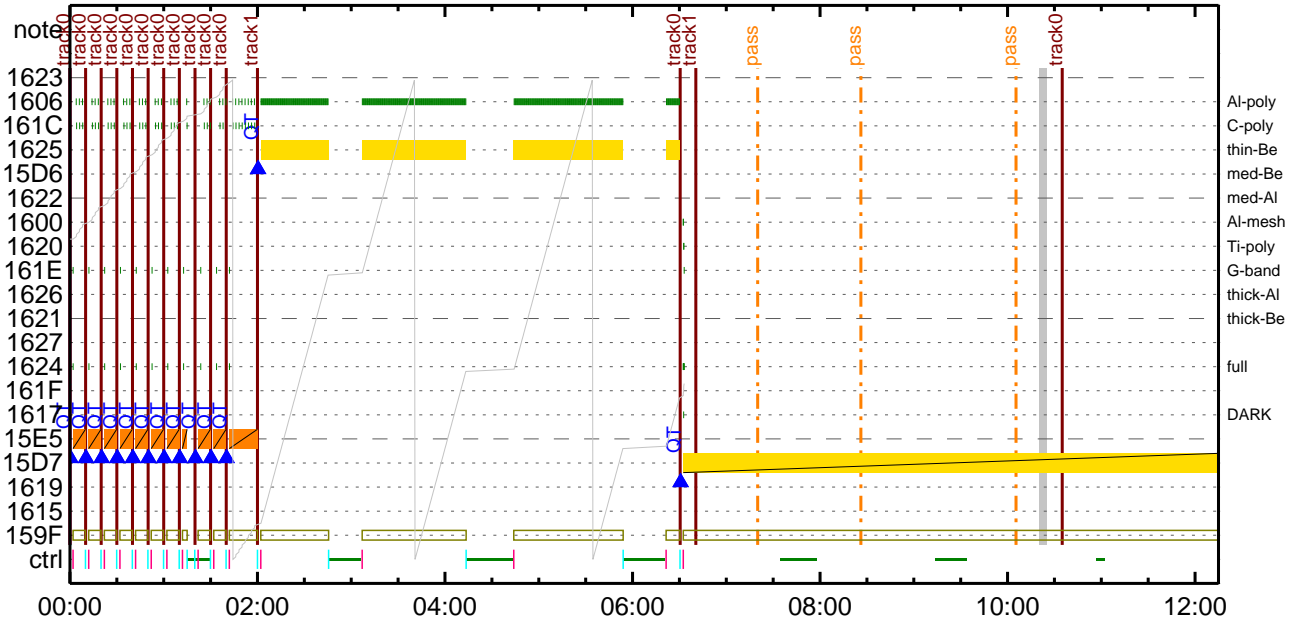
### CMDI #0300 2008/12/17



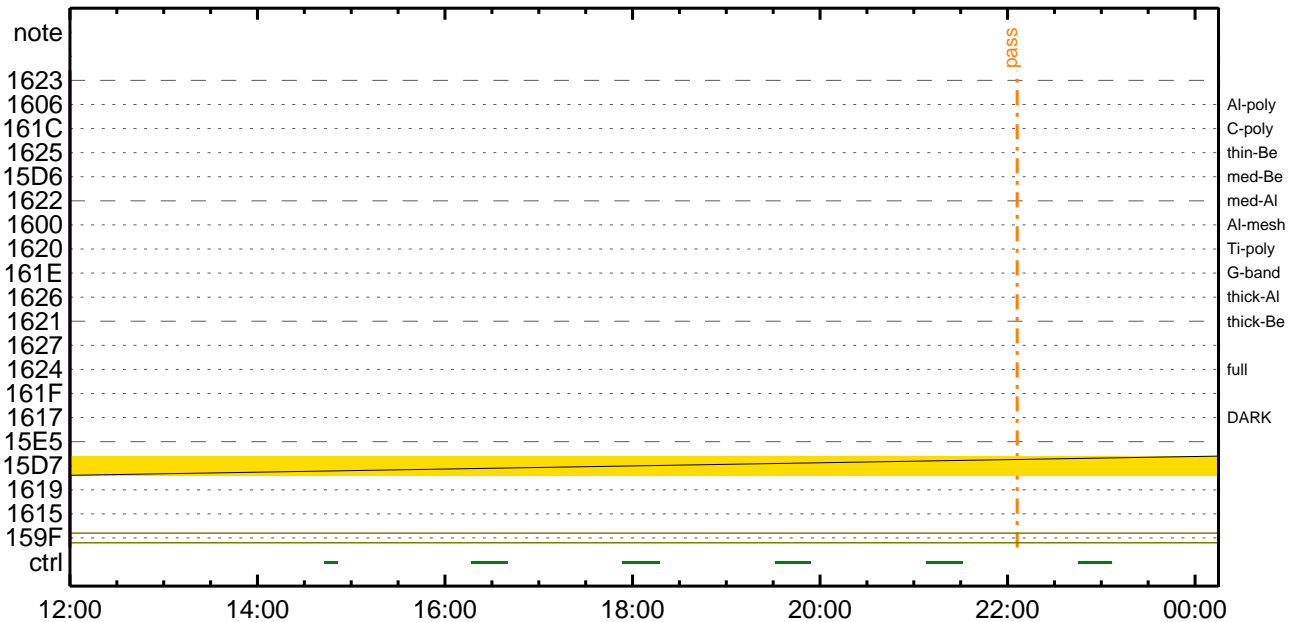
### CMDI #0300 2008/12/17



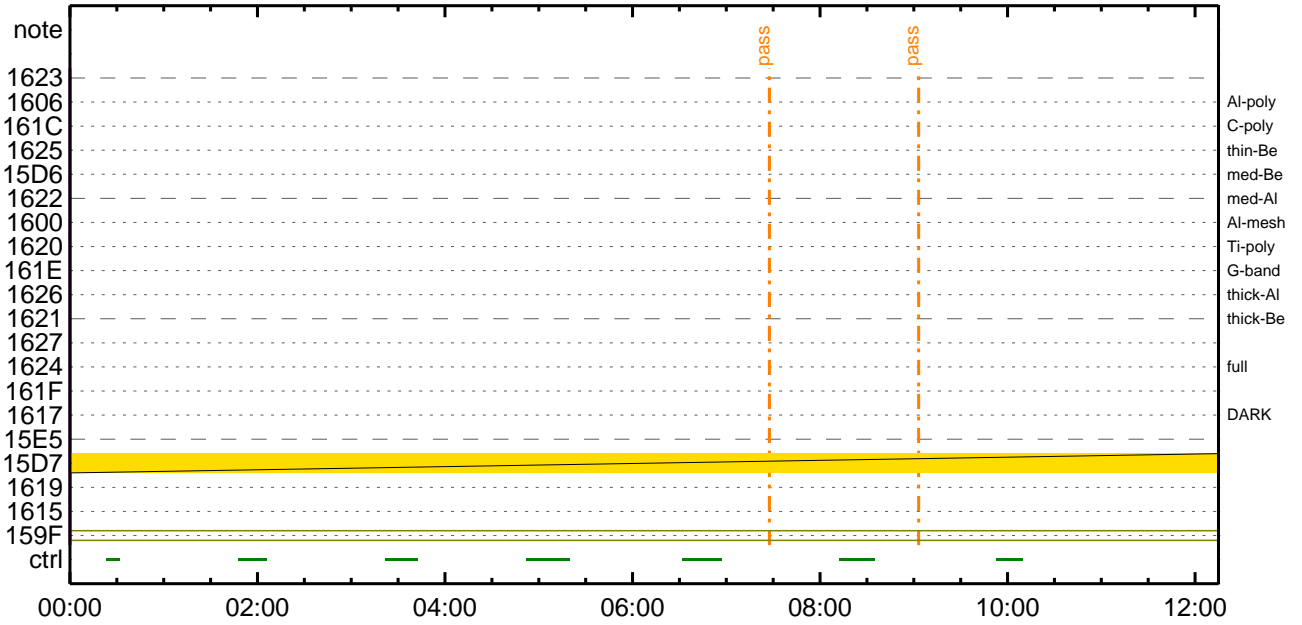
### CMDI #0300 2008/12/18



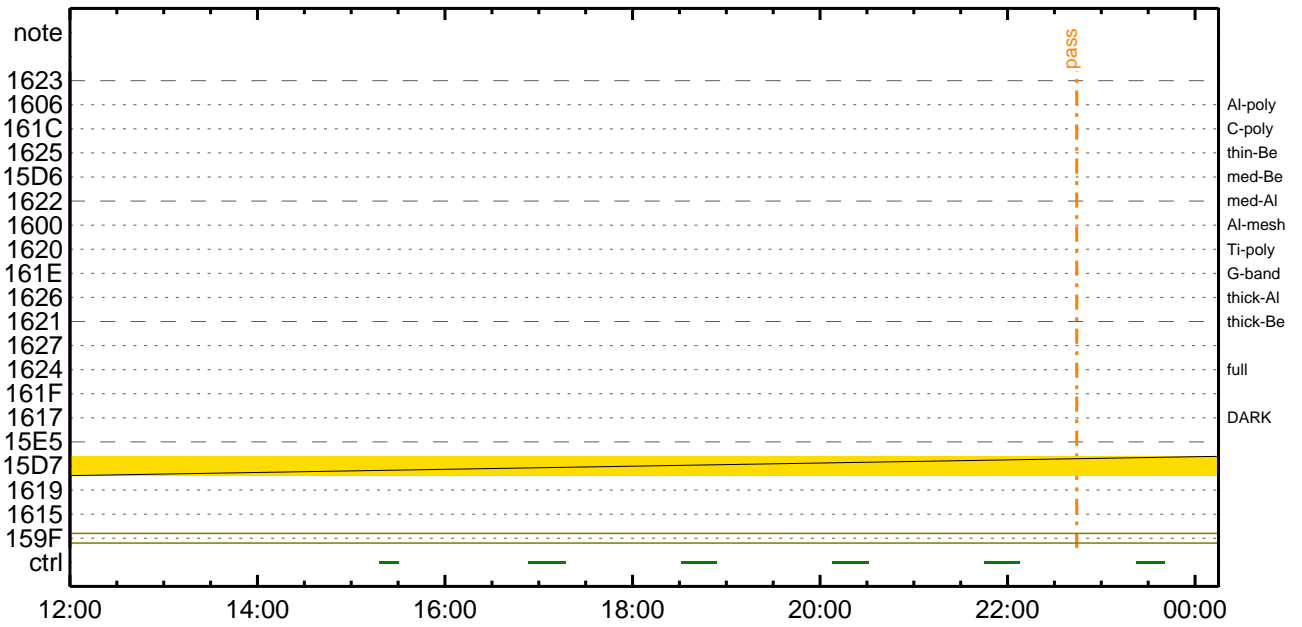
### CMDI #0300 2008/12/18



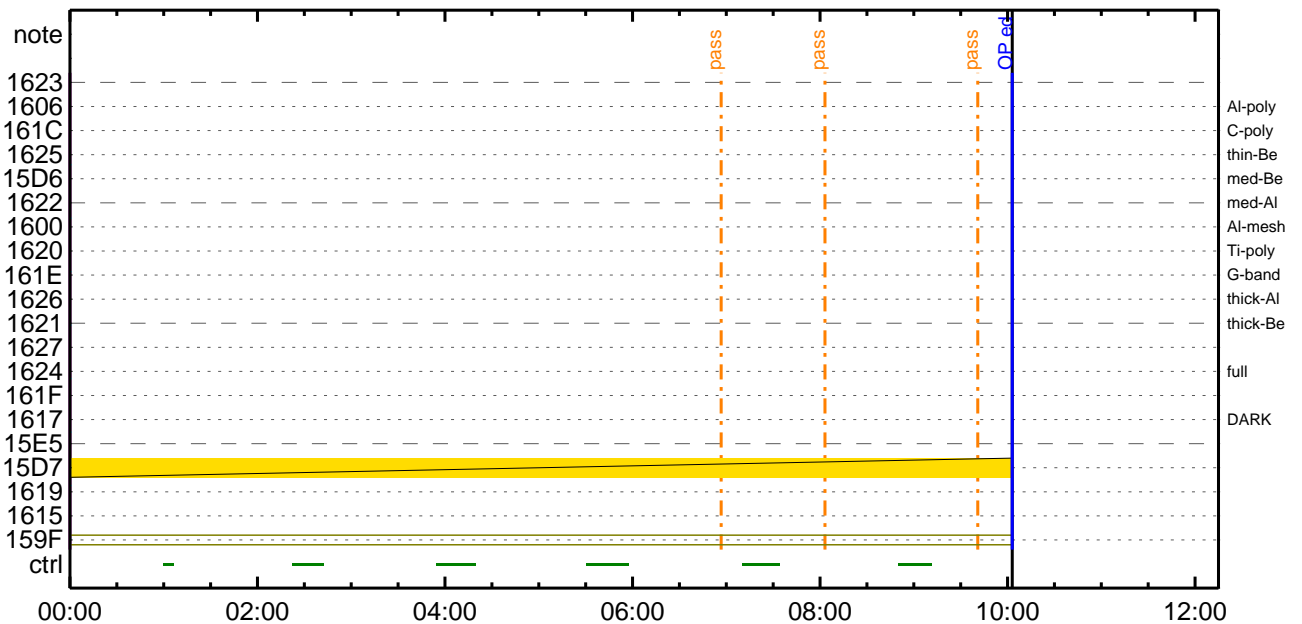
### CMDI #0300 2008/12/19



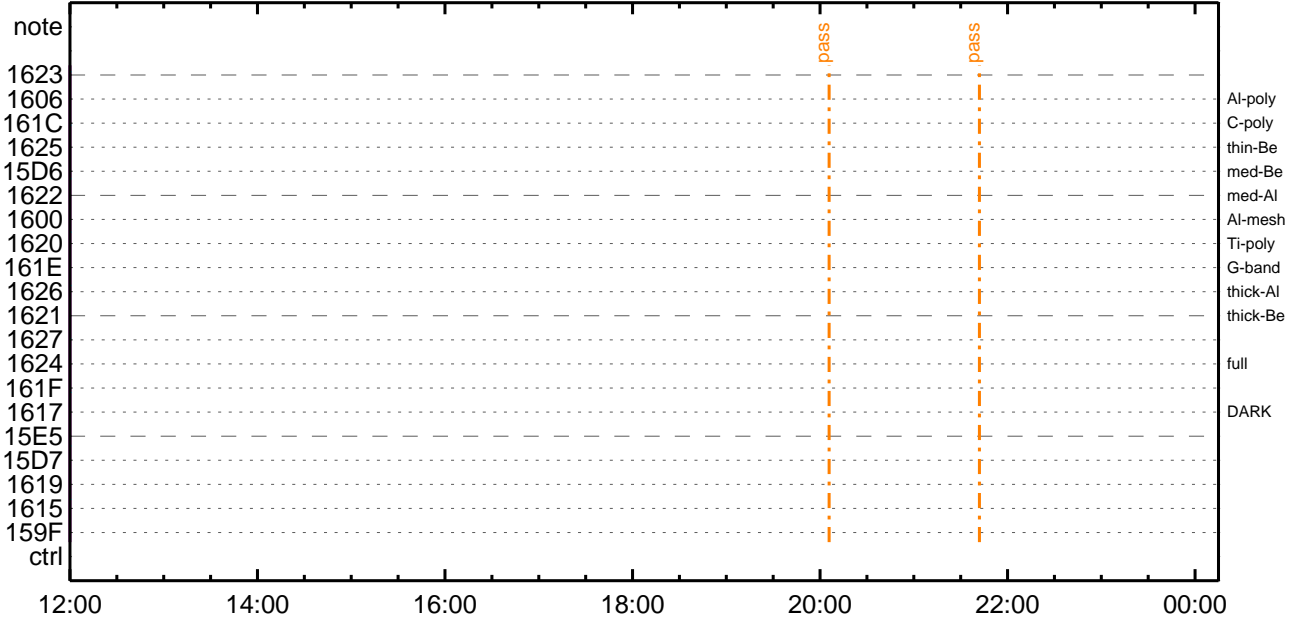
### CMDI #0300 2008/12/19



### CMDI #0300 2008/12/20



CMDI #0300 2008/12/20



(a) Spacecraft Operation Procedure (real-commands)

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main-296 2008-12-16 11:39:33 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Ä»Û;ä
0005 C.
0006 C. YÄYB;¼Y³YFYÖYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÄð•μ°È»ÍxÁÇçóÍYçYÁY×YÍ;¼YÉ;ÈÈè¼μ•íÍÉ;ÈðÈ¼°ÇÓð•ð¿¼í¹çñÍ;çÀ®, ùñ¹ðèððçÄ+¿®ð•ðÈððð³ðÈ; ð
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYÍ;¼YÉ;|YÄYÖY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYÍ;¼YÉ;ä
0019 . S. OP op-296:OP
0020 ( )
0021 . S. OG og-296:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPÍôèYÄYÖY×;ä
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÄYÖY×¼¾ªî»ðð³íç§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGðî¼È¹ç•è²íOKðð³íç§
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÄYÖY×¼¾ªî»ðð³íç§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGðî¼È¹ç•è²íOKðð³íç§
0062 C.
0063 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÄYÖY×¼¾ªî»ðð³íç§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPðî¼È¹ç•è²íOKðð³íç§
0081 C.
0082 . C. ***** òÈ²¼ðî¼Ä´¼¼òèÈÈ-òÄ+¿® (¼¼μ-YÄYÖY×¼¾¼çððÄÓÄæç¼ªðñ¼¼¼î¹çççðâ) *****
0083 C. DHU¥â;¼YÉ;È¼Y¼; YÍ;¼YÉ;ÈðòÍáð¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;§ OPOG UPLOADð-Ä+¿®NGðî¼È¹çç;ç°È²¼¼ðî¼TI-CMDÄ+¿®ðî¼Ä¹Òðñ¼¼¼¼³ðÈ; ð
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0096 C. 0103; SET EDUMP I±°iYNY¹aÇ¹Ôa|a³aE;f

0097 C.

0098 C. TIY³YBYÖYÉaòdÄDİđ (UT)

0099 +. TI 2008-12-16 09:26:00.0

0100 DC 01-B3 DHU\_OP\_STOP

0101 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0102 C.

0103 +. TI 2008-12-16 09:26:01.0

0104 DC 01-B4 DHU\_OP\_COPY

0105 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0106 C.

0107 +. TI 2008-12-16 09:26:01.0

0108 DC 01-B5 DHU\_OPOG\_COPY

0109 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0110 C.

0111 +. TI 2008-12-16 09:30:59.5

0112 DC 01-B2 DHU\_OP\_START

0113 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0114 C.

0115 C. °E²¼aİÄè%îÍÑaİYÁYŞYÄY-¹àİÜ

0116 C. çç[HK1\_TI\_CMD\_ENA/DIS] EQ ENA

0117 C. çç[HK1\_TI\_CMD\_NUM] EQ 4

0118 C. çç[HK1\_NEXT\_EXEC\_PIM] EQ DHU

0119 C. çç[HK1\_NEXT\_EXEC\_DC] EQ 0xB3

0120 C.

0121 C. \*\*\*\*\*

0122 C. TIİİ°èYÄYÖY×

0123 C. \*\*\*\*\*

0124 C.

0125 C. TI\_TBL(0x03AB00-0x03AEFF;§ 1024byte)

0126 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET

0127 BC (03 ab 03 01 02)

0128 C. çç[HK1\_DMP\_TOP\_ADRS\_1] EQ 07

0129 C. çç[HK1\_DMP\_TOP\_ADRS\_0] EQ 2B

0130 C. çç[HK1\_DMP\_BLOCK\_NUM] EQ 3

0131 C. çç[HK1\_DMP\_REPEAT\_NUM] EQ 0

0132 C. çç[HK1\_DMA\_DMP\_PIM] EQ DHU

0133 +. DC 01-22 DHU\_MODE\_CHNG

0134 BC (07 0b f8)

0135 C. çç[HK1\_PKT\_FORM\_NO] EQ 7

0136 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.25 s

0137 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32k

0138 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M

0139 C. çç[HK1\_DMP\_CHK\_FLG] EQ EXEC

0140 C.

0141 C. YÄYÖY×¼³¹İ»òð³İÇŞ

0142 C. çç[HK1\_DMP\_CHK\_FLG] EQ NON

0143 C.

0144 C. RAM ID=TI\_TBLaİ%È¹Ç•è²İOKòð³İÇŞ

0145 C.

0146 C. DHUYâ;¼YÉ;È¼Y¼, Yİ;¼YÈ;Èòðİáa¹

0147 +. DC 01-22 DHU\_MODE\_CHNG

0148 BC (02 0a f8)

0149 C. çç[HK1\_PKT\_FORM\_NO] EQ 2

0150 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.5S

0151 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32K

0152 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M

0153 C.

0154 C. Stop EIS observation and temporarily disable EIS mode changes

0155 C.

0156 C.

0157 C. \*\*\*\*\* Start EIS operation (TI set) \*\*\*\*\*

0158 C. Execute, after the success of OP upload.

0159 C. Set EIS TI-commands

0160 +. TI 2008-12-16 09:30:30.0

0161 DC 07-FC EIS\_MODE\_MANU

0162 BC (21 02)

0163 +. TI 2008-12-16 09:30:40.0

0164 DC 07-FC EIS\_MODE\_CHG\_DIS

0165 BC (22)

0166 C. [ ] [HK1\_TI\_CMD\_NUM] EQ 2 COUNTUP

0167 C. \*\*\*\*\* End EIS operation (TI set) \*\*\*\*\*

0168 C.

0169 C.

0170 C. \*\*\*\*\*

0171 C. SOT TI command set

0172 C. \*\*\*\*\*

0173 C. Execute, after the success of OP upload.

0174 +. TI 2008-12-16 09:30:16.0

0175 DC 07-F0 MDP\_SOT\_MODE\_STBY

0176 BC (41)

0177 C. -----

0178 C. HK1\_TI\_CMD\_NUM = 1 CNTUP [ ]

0179 C. -----

0180 C. \*\*\*\*\* SOT END \*\*\*\*\*

0181 C.

0182 C. \*\*\*\*\* XRT START \*\*\*\*\*

0183 C. Execute, after the success of OP upload.

0184 +. TI 2008-12-16 09:30:00.0

0185 DC 07-F0 MDP\_XRT\_MODE\_STBY

0186 BC (c3)

0187 C. [ ] [HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0188 C.

0189 C. \*\*\*\*\* XRT END \*\*\*\*\*

0190 C.

0191 C. \*\*\*\*\* MDP 'ûÄİaİ»ö¼YòÈÄa¹aèDCBC•×²è \*\*\*\*\*

0192 C. (¼a°İYÖYÄYÉYBYPYÉYÁYÇYŞaÈ%¼a¼Ä»Üa¹aè)

0193 C. S. DC-BC dcbc-402:DCBC



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0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-264:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Upload DPL table >
0120 C.
0121 C. ¥ç¥Ã¥×¥í;¼¥É°îÁ°ªÈSTS_CHKªðOFFªÈª¹ªë
0122 C.
0123 . S. RAM ram-271:MDP_DPL
0124 ( )
0125 C.
0126 . C. < Dump RAMID=MDP_DPL >
0127 +. DC 07-F0 MDP_DUMP_FGTBL
0128 BC (82 07 00 38 b8 00 40)
0129 C. -----
0130 C. MDP_DPL verify = OK [ ]
0131 C. -----
0132 C.
0133 C. STS_CHKªðONªÈª¹ªë
0134 C.
0135 . C. < Update MDP DSC PAR1 >
0136 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0137 BC (4c)
0138 C. MDP_CMD_CODE = F04C0700[ ]
0139 C. MDP_CMD_CNT (count-up 1) [ ]
0140 C. -----
0141 C.
0142 . C.
0143 C. *****
0144 C. SOT TI command set
0145 C. *****
0146 C. Execute, after the success of TBL upload.
0147 +. TI 2008-12-16 09:30:18.0
0148 DC 07-F0 MDP_SOT_MODE_OBSV
0149 BC (40)
0150 . C. -----
0151 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0152 C. -----
0153 C.
0154 C.
0155 C. ***** XRT START *****
0156 C.
0157 +. DC 07-F0 MDP_XRT_CTRL_MANU
0158 BC (c1)
0159 + DC 07-F0 MDP_XRT_MODE_STBY
0160 BC (c3)
0161 . C. ----- Success Verify ? OK / NG____
0162 C.
0163 C. XRT Obs. Table Upload
0164 . S. RAM ram-291:MDP_OBS_X
0165 ( )
0166 C.
0167 +. DC 07-F0 MDP_DUMP_XRTTBL
0168 BC (84 07 00 00 00 3a d4)
0169 . C. ----- Comparison Check ? OK / ERR ____
0170 C.
0171 C.
0172 +. DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 01 b1 b1 04 04)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 02 b1 b1 08 08)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 03 b1 b1 08 08)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 04 b1 b1 06 06)
0180 + DC 07-F0 MDP_XRT_ROI_SET
0181 BC (cd 06 80 78 06 08)
0182 + DC 07-F0 MDP_XRT_ROI_SET
0183 BC (cd 07 80 80 20 20)
0184 + DC 07-F0 MDP_XRT_ROI_SET
0185 BC (cd 08 80 80 06 06)
0186 + DC 07-F0 MDP_XRT_ROI_SET
0187 BC (cd 0f 80 80 04 04)
0188 + DC 07-F0 MDP_XRT_ROI_SET
0189 BC (cd 10 80 80 10 10)
0190 . C. ----- Success Verify ? OK / NG ____
0191 C.
0192 C.
0193 . C. All OK? Yes--> Please Proceed. / No --> Stop here.

```

0194 C.  
0195 +. TI 2008-12-16 09:30:02.0  
0196 DC 07-F0 MDP\_XRT\_MODE\_OBSV  
0197 BC (c2)  
0198 . C. ----- Success Verify ? OK / NG \_\_\_\_  
0199 C.  
0200 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0201 C.  
0202 . C. \*\*\*\*\* MDP 'úÃîñî»ô¼ÝñÊÃðñ¹ñèDCBC•x²è \*\*\*\*\*  
0203 C. (¼ã°îÝÓÝÃÝÊÝÞÝËÝáÝçÝèñ¼ññ¼Ã»Ûñ¹ñè)  
0204 . S. DC-BC dcbc-402:DCBC  
0205 (MDP\_known\_event)  
0206 C.  
0207 C.  
0208 . C. \*\*\*\*\* ÝÐÝ¹•İ Daily±¿İÑñË´Øñ¹ñèDCBC•x²è \*\*\*\*\*  
0209 . S. DC-BC dcbc-153:DCBC  
0210 (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0211 C.  
0212 C.  
0213 . C. ;ãLOSÝÁÝ§ÝÃÝ¬¼Ã»Û;ã  
0214 C.  
0215 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0216 C.



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2008/12/17	00:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5		
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	00:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	00:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	00:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	00:24:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/17	00:25:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 b6 15 00 00		
2008/12/17	00:25:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2008/12/17	00:26:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	00:26:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	00:26:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	00:27:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	00:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	00:53:30.0	XRT_Custom_430_OG [0x1ae]						
2008/12/17	00:54:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	00:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	00:59:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/17	01:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 be f2 00 00		
2008/12/17	01:00:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2008/12/17	01:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	01:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	01:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	01:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	01:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	01:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/17	01:30:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 c7 c7 00 00		
2008/12/17	01:30:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2008/12/17	01:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	01:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	01:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	01:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	02:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	02:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	02:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/17	02:30:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 d0 a4 00 00		
2008/12/17	02:30:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2008/12/17	02:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	02:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	02:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	02:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	02:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	02:59:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2008/12/17	03:00:00.0	AOCS_Ore-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 d9 79 00 00		
2008/12/17	03:00:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2008/12/17	03:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	03:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	03:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	03:02:00.5	XRT_CTRL_AUTO_403_OG [0x193]						

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2008/12/17	03:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	03:24:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/12/17	03:25:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 e2 57 00 00			
2008/12/17	03:25:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2008/12/17	03:26:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/12/17	03:26:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/12/17	03:26:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/12/17	03:27:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/12/17	03:45:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	04:00:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 eb 2c 00 00			
2008/12/17	04:04:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	04:04:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/12/17	04:05:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2008/12/17	04:06:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/12/17	04:06:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/12/17	04:06:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/12/17	04:07:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/12/17	04:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	04:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/12/17	04:30:00.0	AOCS_OrE-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00 f4 09 00 00			
2008/12/17	04:30:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2008/12/17	04:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/12/17	04:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/12/17	04:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/12/17	04:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/12/17	04:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	04:54:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/12/17	04:55:00.0	AOCS_OrE-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 fc de 00 00			
2008/12/17	04:55:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2008/12/17	04:56:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/12/17	04:56:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/12/17	04:56:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/12/17	04:57:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/12/17	05:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	05:30:00.0	AOCS_OrE-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 03 22 00 00			
2008/12/17	05:42:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	05:42:26.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/12/17	05:42:46.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2008/12/17	05:44:24.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2008/12/17	05:44:26.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2008/12/17	05:44:28.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2008/12/17	05:44:30.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2008/12/17	05:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2008/12/17	05:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2008/12/17	06:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2008/12/17	06:00:16.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04			



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2008/12/17	06:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/17	06:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/17	06:00:22.0	XRT_ARS_DIS_427_OG [0x1ab]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/17	06:02:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/17	06:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/17	06:09:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/17	06:10:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]			
		AOCU_NM	5	02-76	00 0b f7 00 00
2008/12/17	06:10:16.0	XRT_QT_PROG_SET_402_OG [0x192]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/17	06:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/17	06:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/17	06:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/17	06:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/17	06:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/17	06:34:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/17	06:35:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]			
		AOCU_NM	5	02-76	00 14 d4 00 00
2008/12/17	06:35:16.0	XRT_QT_PROG_SET_402_OG [0x192]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/17	06:36:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/17	06:36:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/17	06:36:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/17	06:37:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/17	06:56:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/17	07:10:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]			
		AOCU_NM	5	02-76	00 1d a9 00 00
2008/12/17	07:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/17	07:19:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/17	07:20:16.0	XRT_QT_PROG_SET_402_OG [0x192]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/17	07:21:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/17	07:21:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/17	07:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/17	07:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/17	07:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/17	07:44:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/17	07:45:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]			
		AOCU_NM	5	02-76	00 26 87 00 00
2008/12/17	07:45:16.0	XRT_QT_PROG_SET_402_OG [0x192]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/17	07:46:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/17	07:46:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/17	07:46:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/17	07:47:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/17	08:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/17	08:09:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/17	08:10:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]			
		AOCU_NM	5	02-76	00 2f 5c 00 00
2008/12/17	08:10:16.0	XRT_QT_PROG_SET_402_OG [0x192]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/17	08:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/17	08:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/17	08:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/17	08:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/17	08:36:30.0	XRT_CTRL_MANU_435_OG [0x1b3]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/17	08:58:00.0	XRT_Custom_430_OG [0x1ae]			

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2008/12/17	08:59:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	08:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	08:59:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2008/12/17	09:00:00.0	AOCS_Ore-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 38 39	00 00	
2008/12/17	09:00:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2008/12/17	09:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	09:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	09:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	09:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	09:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	09:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2008/12/17	09:30:00.0	AOCS_Ore-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00 41 0e	00 00	
2008/12/17	09:30:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2008/12/17	09:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	09:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	09:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	09:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	09:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	09:54:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2008/12/17	09:55:00.0	AOCS_Ore-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 49 eb	00 00	
2008/12/17	09:55:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2008/12/17	09:56:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	09:56:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	09:56:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	09:57:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	10:17:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	10:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	10:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2008/12/17	10:30:00.5	AOCS_Ore-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 52 c0	00 00	
2008/12/17	10:30:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2008/12/17	10:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	10:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	10:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	10:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	11:00:00.0	AOCS_Ore-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	01 00 00	00 00	
2008/12/17	11:00:00.5	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	11:00:02.5	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00	
2008/12/17	11:00:22.5	XRT_QT_PROG_SET_423_OG [0x1a7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11	
2008/12/17	11:02:00.5	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2008/12/17	11:02:02.5	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2008/12/17	11:02:04.5	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2008/12/17	11:02:06.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2008/12/17	11:02:08.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	15:40:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2008/12/17	15:54:30.0	XRT_Custom_430_OG [0x1ae]						
2008/12/17	15:55:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2008/12/17	15:57:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2008/12/17	16:03:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/17	16:04:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/17	17:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/17	17:40:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/17	17:41:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/17	17:57:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/17	17:57:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/17	17:57:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2008/12/17	17:57:46.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2008/12/17	17:57:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/17	17:57:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/17	17:57:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/17	17:59:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/17	18:07:30.0	AOCS_Ore-point_Start_24_OG [0x0ae]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2008/12/17	18:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/17	19:17:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/17	19:18:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/17	20:31:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/17	20:54:30.0	XRT_Custom_430_OG [0x1ae]							
2008/12/17	20:55:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/17	22:08:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/17	22:31:00.0	XRT_Custom_430_OG [0x1ae]							
2008/12/17	22:32:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/17	23:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/17	23:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/17	23:59:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/18	00:00:00.0	AOCS_Ore-point_Start_25_OG [0x0af]							
		AOCU_NM	5	02-76	00 eb c7 51 81				
2008/12/18	00:00:16.0	XRT_QT_PROG_SET_402_OG [0x192]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/12/18	00:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/18	00:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/18	00:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/18	00:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/18	00:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/18	00:09:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/18	00:10:00.0	AOCS_Ore-point_Start_26_OG [0x0b0]							
		AOCU_NM	5	02-76	00 e8 4a 41 1e				
2008/12/18	00:10:16.0	XRT_QT_PROG_SET_402_OG [0x192]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/12/18	00:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/18	00:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/18	00:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/18	00:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/18	00:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2008/12/18	00:19:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2008/12/18	00:20:00.0	AOCS_Ore-point_Start_27_OG [0x0b1]							
		AOCU_NM	5	02-76	00 e7 e8 31 58				
2008/12/18	00:20:16.0	XRT_QT_PROG_SET_402_OG [0x192]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2008/12/18	00:21:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2008/12/18	00:21:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2008/12/18	00:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2008/12/18	00:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2008/12/18	00:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2008/12/18	00:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	00:30:00.0	AOCS_Ore-point_Start_28_OG [0x0b2] AOCU_NM	5	02-76	00 e7 af 20 51
2008/12/18	00:30:16.0	XRT_QT_PROG_SET_402_OG [0x192] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	00:31:54.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	00:31:56.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	00:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	00:32:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	00:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	00:39:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	00:40:00.0	AOCS_Ore-point_Start_29_OG [0x0b3] AOCU_NM	5	02-76	00 e7 8e 0f 64
2008/12/18	00:40:16.0	XRT_QT_PROG_SET_402_OG [0x192] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	00:41:54.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	00:41:56.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	00:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	00:42:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	00:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	00:49:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	00:50:00.0	AOCS_Ore-point_Start_30_OG [0x0b4] AOCU_NM	5	02-76	00 e7 86 fe 0d
2008/12/18	00:50:16.0	XRT_QT_PROG_SET_402_OG [0x192] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	00:51:54.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	00:51:56.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	00:51:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	00:52:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	00:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	00:59:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	01:00:00.0	AOCS_Ore-point_Start_31_OG [0x0b5] AOCU_NM	5	02-76	00 e7 8e f0 9c
2008/12/18	01:00:16.0	XRT_QT_PROG_SET_402_OG [0x192] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	01:01:54.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	01:01:56.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	01:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	01:02:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	01:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	01:09:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	01:10:00.0	AOCS_Ore-point_Start_32_OG [0x0b6] AOCU_NM	5	02-76	00 e7 af df af
2008/12/18	01:10:16.0	XRT_QT_PROG_SET_402_OG [0x192] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	01:11:54.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	01:11:56.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	01:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	01:12:00.0	XRT_CTRL_AUTO_403_OG [0x193] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	01:15:00.0	XRT_CTRL_MANU_435_OG [0x1b3] MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	01:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac] MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	01:19:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	01:20:00.0	AOCS_Ore-point_Start_33_OG [0x0b7] AOCU_NM	5	02-76	00 e7 e8 ce a8
2008/12/18	01:20:16.0	XRT_QT_PROG_SET_402_OG [0x192] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	01:21:54.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	01:21:56.0	XRT_FLD_DIS_445_OG [0x1bd] MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	01:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	1	07-F0	d9

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2008/12/18	01:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	01:29:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	01:29:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	01:30:00.0	AOCS_ORe-point_Start_34_OG [0x0b8]	AOCU_NM	5	02-76	00 e8 4a be e2
2008/12/18	01:30:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	01:31:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	01:31:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	01:31:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	01:32:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	01:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	01:39:56.0	XRT_FOCUS_POSITION_436_OG [0x1b4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	01:40:00.0	AOCS_ORe-point_Start_35_OG [0x0b9]	AOCU_NM	5	02-76	00 eb c7 ae 7f
2008/12/18	01:40:16.0	XRT_QT_PROG_SET_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2008/12/18	01:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	01:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	01:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	01:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	02:00:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	01 00 00 00 00
2008/12/18	02:00:00.5	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	02:00:02.5	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2008/12/18	02:00:22.5	XRT_QT_PROG_SET_423_OG [0x1a7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2008/12/18	02:02:00.5	XRT_FLD_RESET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2008/12/18	02:02:02.5	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	02:02:04.5	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	02:02:06.5	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	02:02:08.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	02:45:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	03:06:01.0	XRT_Custom_430_OG [0x1ae]				
2008/12/18	03:07:01.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	04:13:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	04:43:01.5	XRT_Custom_430_OG [0x1ae]				
2008/12/18	04:44:01.5	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	05:54:00.5	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	06:20:30.0	XRT_Custom_430_OG [0x1ae]				
2008/12/18	06:21:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	06:30:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2008/12/18	06:30:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2008/12/18	06:30:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2008/12/18	06:30:46.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2008/12/18	06:30:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9
2008/12/18	06:30:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2008/12/18	06:30:52.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5
2008/12/18	06:32:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2008/12/18	06:40:30.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	01 00 00 00 00
2008/12/18	10:35:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00