

XRT Timeline to be uploaded on 2009/07/30

Period: 2009/07/30 10:05:00 - 2009/08/04 09:38:00

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Normal mode

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XOB #15E5: G-Band Q90 2x2 FFI for Co-align. data and Al/Poly - C/Poly												
Term	Pointing (x, y)					Comment						
07/30 10:17:00 - 07/30 10:39:54	Fixed (-913.0, 244.0)					# OP start + 10min, HOP 79, irradiance scan, E-W, first of many.						
07/30 10:42:00 - 07/30 10:59:54	Fixed (-747.0, 196.0)											
07/30 11:02:00 - 07/30 11:39:54	Fixed (-569.0, 179.0)											
07/30 11:42:00 - 07/30 11:59:54	Fixed (-385.0, 169.0)											
07/30 12:02:00 - 07/30 12:19:54	Fixed (-195.0, 163.0)											
07/30 12:22:00 - 07/30 13:19:54	Fixed (0.0, 161.0)											
07/30 13:22:00 - 07/30 13:44:54	Fixed (195.0, 163.0)											
07/30 13:47:00 - 07/30 14:09:54	Fixed (385.0, 169.0)											
07/30 14:12:00 - 07/30 15:09:54	Fixed (569.0, 179.0)											
07/30 15:12:00 - 07/30 15:39:54	Fixed (747.0, 196.0)											
07/30 15:42:00 - 07/30 16:59:54	Fixed (913.0, 244.0)											
07/30 17:02:00 - 07/30 17:24:54	Fixed (-912.0, -243.0)											
07/30 17:27:00 - 07/30 17:42:30	Fixed (-726.0, -295.0)											
07/30 18:37:00 - 07/30 18:59:54	Fixed (-541.0, -312.0)					# Cont. HOP 79.						
07/30 19:02:00 - 07/30 20:09:54	Fixed (-354.0, -322.0)											
07/30 20:12:00 - 07/30 20:34:54	Fixed (-164.0, -327.0)											
07/30 20:37:00 - 07/30 21:44:54	Fixed (31.0, -328.0)											
07/30 21:47:00 - 07/30 22:14:54	Fixed (164.0, -327.0)											
07/30 22:17:00 - 07/30 23:19:54	Fixed (354.0, -322.0)											
07/30 23:22:00 - 07/30 23:49:54	Fixed (541.0, -312.0)											
07/30 23:52:00 - 07/31 00:59:54	Fixed (726.0, -295.0)											
07/31 01:02:00 - 07/31 01:30:00	Fixed (912.0, -243.0)					* HOP 79 final pointing. Stay at W limb for EIS wave and synoptic studies.						
PROG= 07 2-time(s)												
└─ Subr= 1 1-time(s) 120.0sec												
└─ Seqn= 67 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= 59 6-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												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #16D9: Synoptic Q95 2x2 - Al/poly(512/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 2048x512 -1x1 512x2048) +Ti-poly(723/11571) + G-band(1												
Term	Pointing (x, y)					Comment						
07/30 18:28:00 - 07/30 18:34:54	Fixed (0.0, 0.0)					synoptic, shifted 25.0 min						
07/31 18:03:00 - 07/31 18:09:54	Fixed (0.0, 0.0)					synoptic						
PROG= 08 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 36 1-time(s) 4.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 500ms 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=95 0 0 2.0sec												
└─ Seqn= 85 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= 88 1-time(s) 4.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 707ms 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												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #16BB: Coronal Waves (HOP 123) - Al/poly - Ti/poly - 4 min cad - 1024x1024 - AEC 2												
Term	Pointing (x, y)					Comment						
07/31 01:33:08 - 07/31 05:56:24	Fixed (912.0, -243.0)					* HOP 79 final pointing. Stay at W limb for EIS wave and synoptic studies.						
PROG= 02 Inf.-time(s)												
└─ Subr= 1 6-time(s) 150.0sec												
└─ Seqn= 51 1-time(s) 4.0sec												
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 8.00s Obs 2x2 1024x1024 (1024, 1024) Q=98 2 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s Obs 2x2 1024x1024 (1024, 1024) Q=98 2 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 54 1-time(s) 4.0sec												
└─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #16E8: Synoptic Q95 2x2 - Al/mesh(256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(181/2048) + G-band(1												
Term	Pointing (x, y)					Comment						

07/31 05:59:30 - 07/31 06:06:24 Fixed (0.0, 0.0) synoptic, shifted -3.5 min
 08/01 06:21:00 - 08/01 06:27:54 Fixed (0.0, 0.0) synoptic, shifted 18.0 min

PROG= 06 1-time(s)

└─ **Subr= 1 1-time(s) 12.0sec**

- └─ **Seqn= 18 1-time(s) 4.0sec**
 - └─ Open/Al-mesh Open/Al-mesh close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - └─ Open/Al-mesh Open/Al-mesh close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
- └─ **Seqn= 85 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= 68 1-time(s) 4.0sec**
 - └─ Open/Ti-poly Open/thick-Al close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
 - └─ Open/Ti-poly Open/thick-Al close Safe Norm 8.00s 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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #1639: AR multifilter - Al/mesh,Ti/Poly,Al/Poly,Thin-Be FOV384 AEC4 Q95- 5 min cadence

Term	Pointing (x, y)	Comment
07/31 06:09:32 - 07/31 09:59:54	Track (-277.1, -516.2) @ 07/31 06:06:30	# Track AR remnant.
07/31 18:13:02 - 08/01 06:17:54	Track (-186.5, -519.4) @ 07/31 18:10:00	# Track AR remnant.
08/01 06:31:02 - 08/01 11:11:54	Track (-91.5, -521.6) @ 08/01 06:28:00	# Cont.

PROG= 18 Inf.-time(s)

└─ **Subr= 1 1-time(s) 300.0sec**

- └─ **Seqn= 5 1-time(s) 4.0sec**
 - └─ Open/Al-mesh Open/Ti-poly close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec
 - └─ Open/Ti-poly Open/thick-Al close Safe Norm 11.3s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec
 - └─ Al-poly/Open thin-Be/Open close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec
 - └─ thin-Be/Open thin-Be/Open close Safe Norm 22.6s Obs 1x1 384x384 (1024, 1024) Q=98 4 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #16DC: XBP C/poly (AEC1) Thin-Be (AEC0)-FOV384-lowcad

Term	Pointing (x, y)	Comment
07/31 10:03:00 - 07/31 17:59:54	Track (-27.5, 0.2) @ 07/31 10:00:00	* XBP study for EIS, QS target.

PROG= 13 Inf.-time(s)

└─ **Subr= 1 1-time(s) 600.0sec**

- └─ **Seqn= 75 1-time(s) 2.0sec**
 - └─ C-poly/Open thin-Be/Open close Safe Norm 11.3s Obs 1x1 384x384 (1024, 1024) DPCM 1 0 2.0sec
 - └─ thin-Be/Open med-Be/Open close Safe Norm 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
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Flare mode

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NOT USED

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Active Region Search

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NOT USED

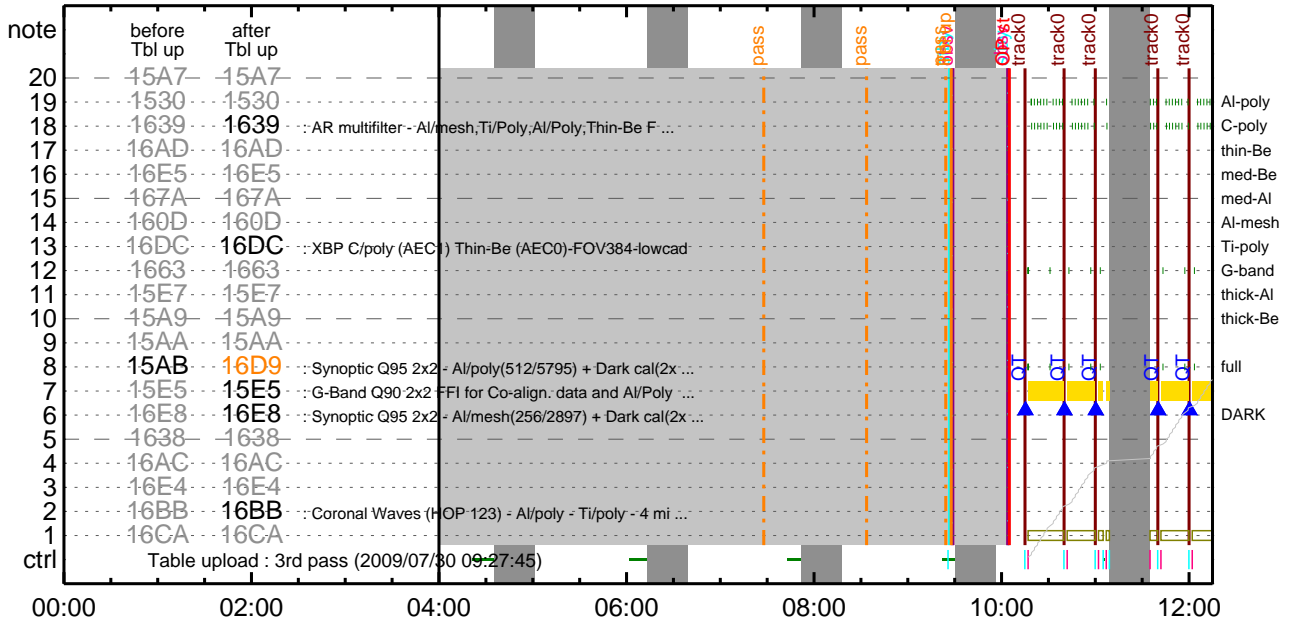
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Flare Detection

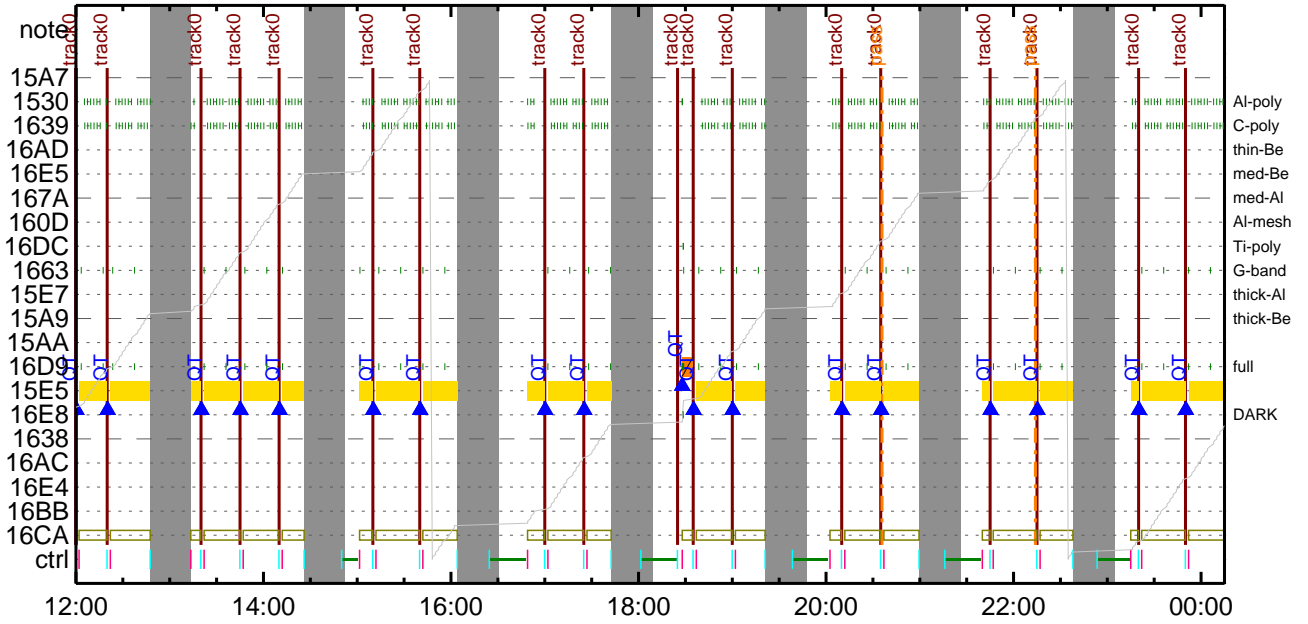
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NOT USED

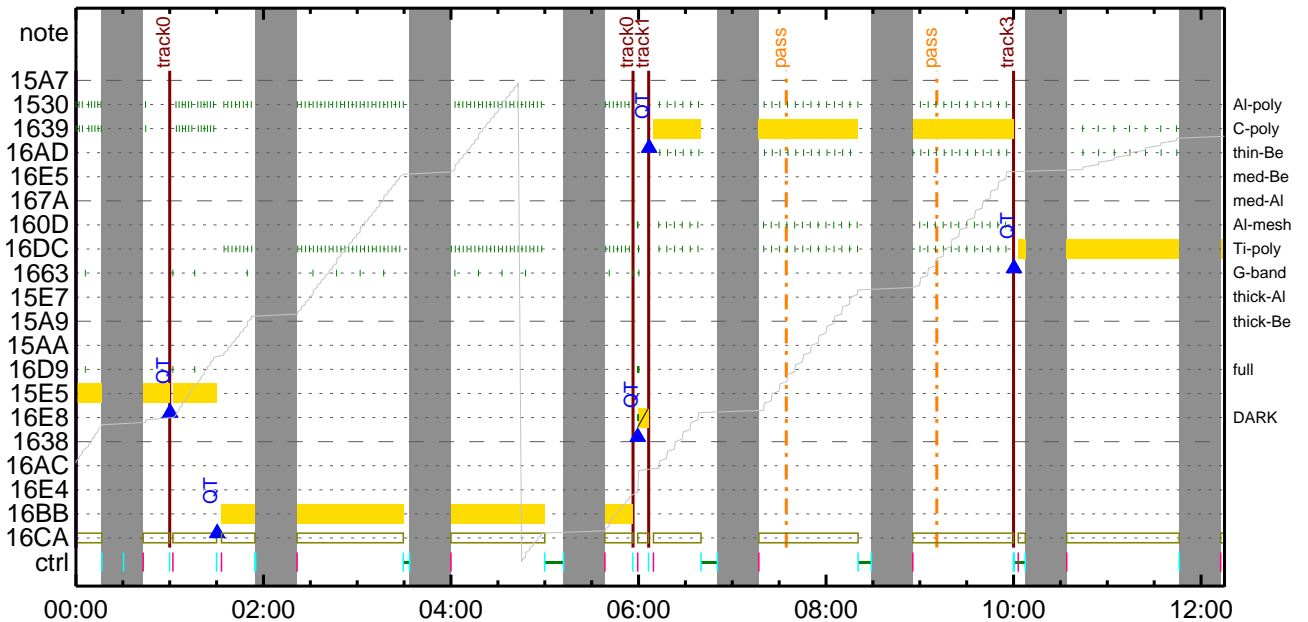
CMDI #0712 2009/07/30



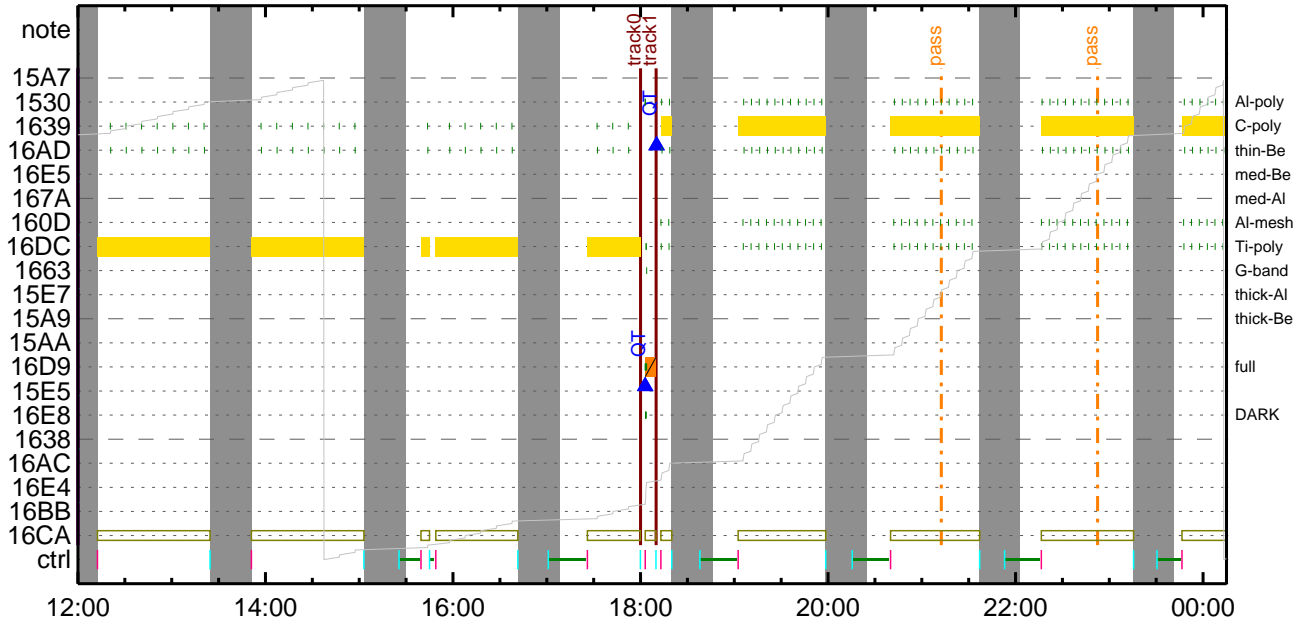
CMDI #0712 2009/07/30



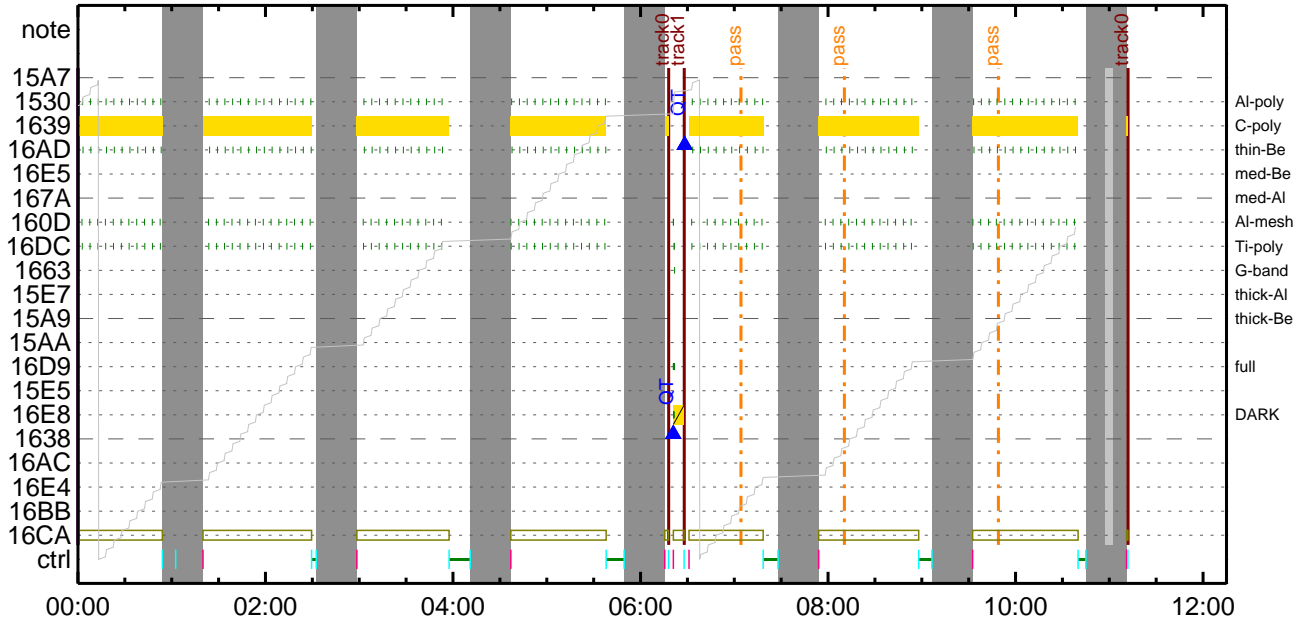
CMDI #0712 2009/07/31



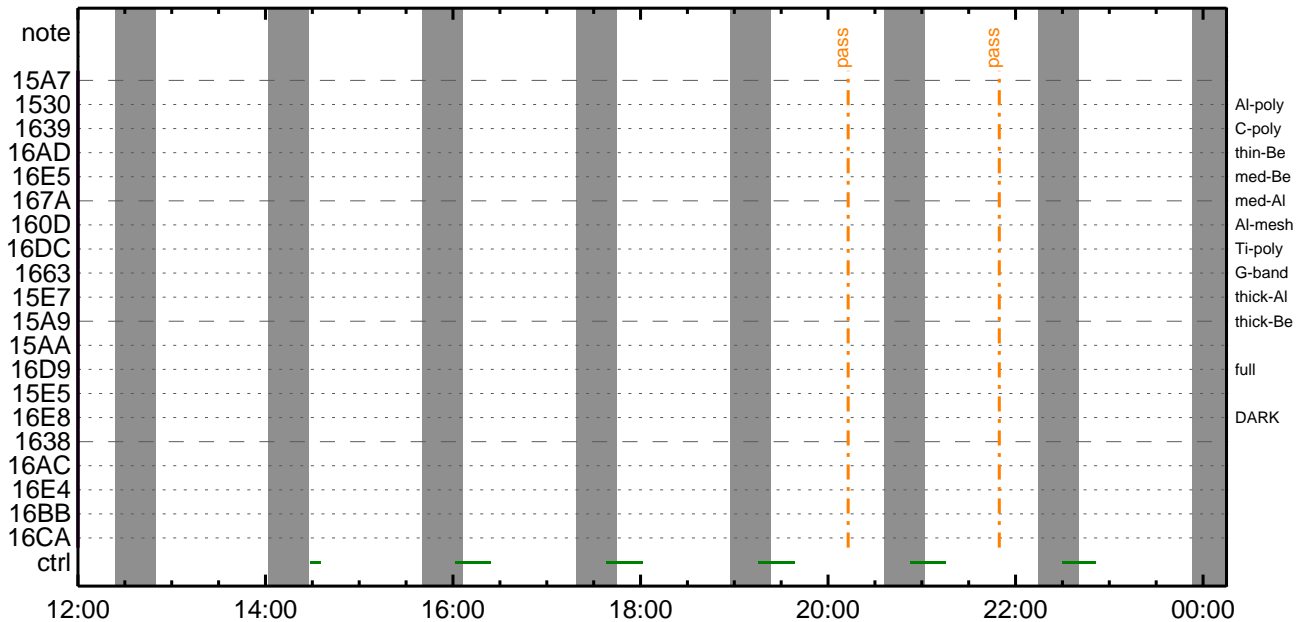
CMDI #0712 2009/07/31



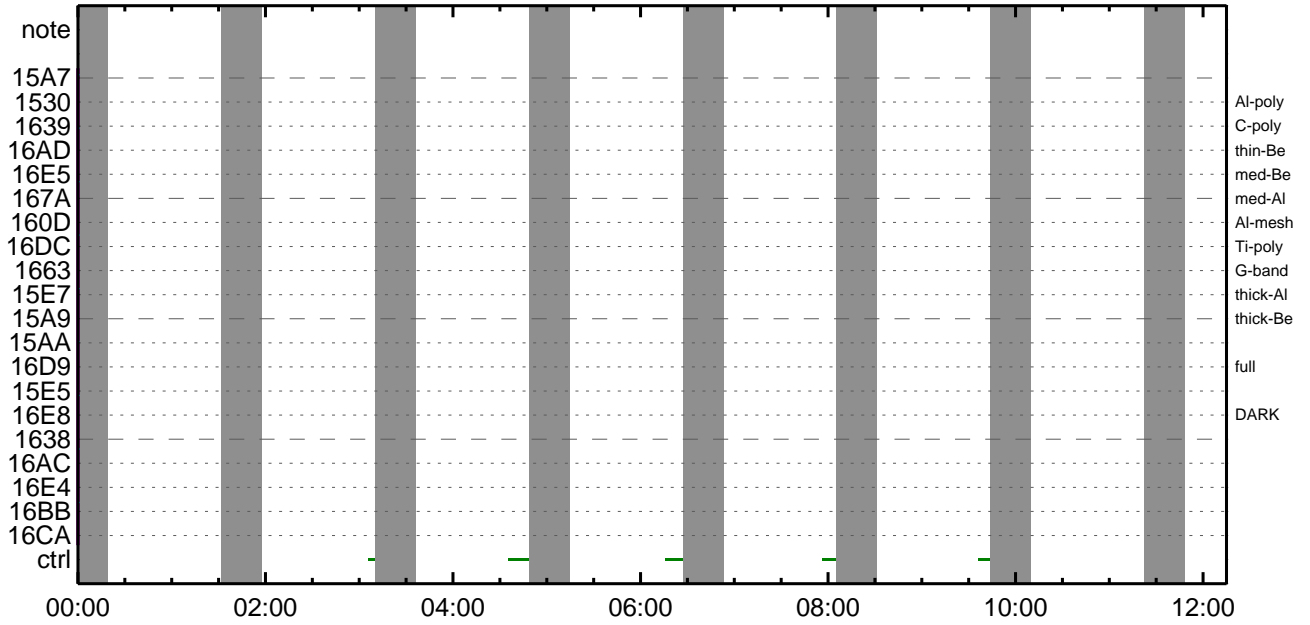
CMDI #0712 2009/08/01



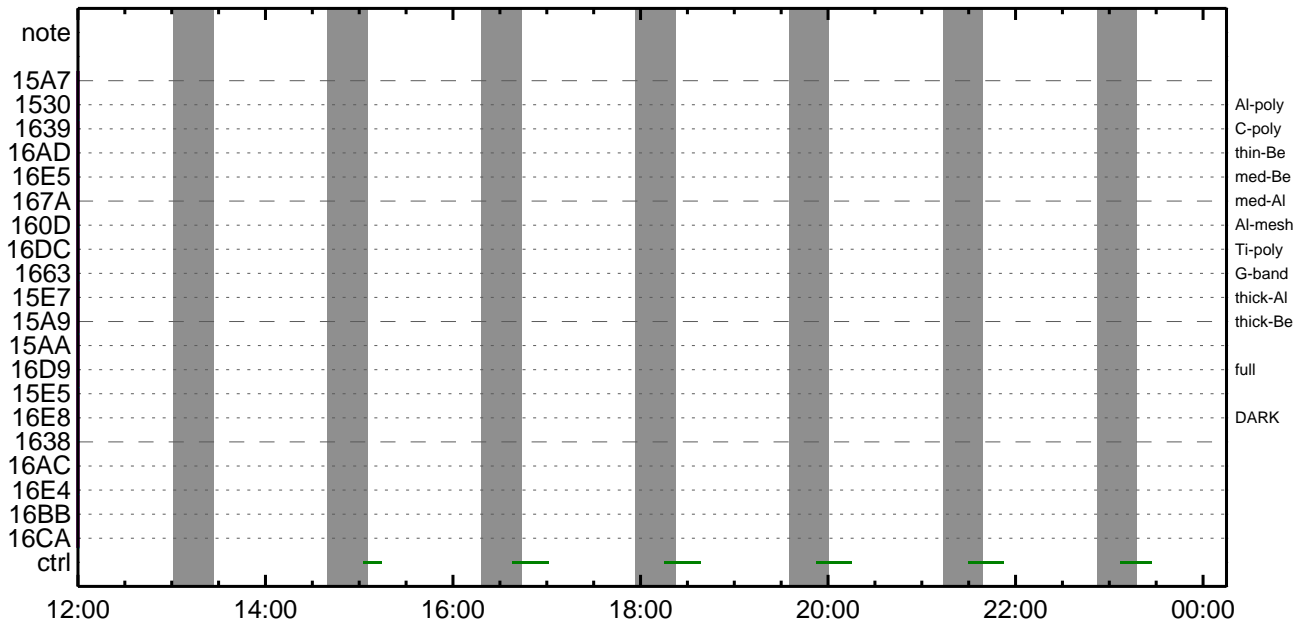
CMDI #0712 2009/08/01



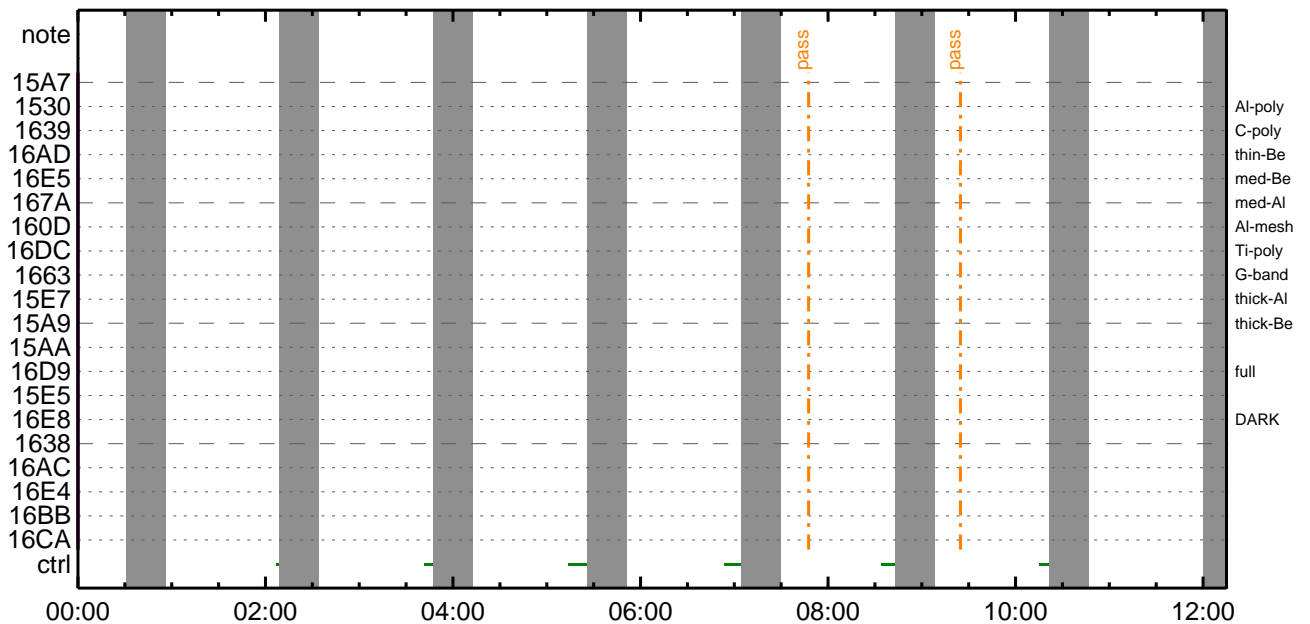
CMDI #0712 2009/08/02



CMDI #0712 2009/08/02



CMDI #0712 2009/08/03



(a) Spacecraft Operation Procedure (real-commands)

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main-750 2009-07-30 12:44:26 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀY$;¼Y³YFÝ6YÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¤¿¤Á¤•µ°Æ»Í×ÁÇ¤ÍY¿YÁY×YÍ;¼YÉ;ÈÈ¤µ•ÍÉ;È¤È¼°ÇÖ¤•¤¿¼Í¹Ç¤Í;¿À®, ù¤¹¤È¤¤¤¤¿Á+¿®¤¤¤È¤¤¤¤¤¤¤¤; ¢
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYÍ;¼YÉ; |YÁY6Y×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYÍ;¼YÉ;ã
0019 . S. OP op-750:OP
0020 ( )
0021 . S. OG og-750:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPÍ°èYÁY6Y×;ã
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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0036 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÁY6Y×¼ªª Í»¤¿³ ÍÇ§
0041 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOG¤Í¼È¹Ç•è² ÍOK¤¿³ ÍÇ§
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. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0055 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÁY6Y×¼ªª Í»¤¿³ ÍÇ§
0060 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOG¤Í¼È¹Ç•è² ÍOK¤¿³ ÍÇ§
0062 C.
0063 C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0074 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÁY6Y×¼ªª Í»¤¿³ ÍÇ§
0079 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OP¤Í¼È¹Ç•è² ÍOK¤¿³ ÍÇ§
0081 C.
0082 . C. ***** ¸È²¼¤¿¼Á´¶¼¤¤ÈÈ-¤¤Á+¿® (¼¤µ-YÁY6Y×¼½¼Ç¤¤¤ÁÓÁ¤¤¤Ç¼ª¤¤¤¤¤¤¿¼Í¹Ç¤¤¤¤¤¤¤¤) *****
0083 C. DHUYã;¼YÉ;ÈY¼;Yí;¼YÉ;È¤¤Í¤¤¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. ¢¢[HK1_PKT_FORM_NO] EQ 2
0087 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. ¢¢[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 UPLOAD¤-Á+¿®¤¤¤Í¼¿¹¹Ç; ¢°È²¼¤¿¼ÍTI-CMDÁ+¿®¤¤Í¼Á¹Ö¤¤¤¤¤¤¤¤¤¤¤¤¤¤; ¢

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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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
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(a) Spacecraft Operation Procedure (real-commands)

```
main-752 2009-07-30 12:44:26 114 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÀø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈøÈ¼°ÇÇø•ø¿¼í¹çøÍ;çÀ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøøø³øÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 06 80 80 20 20)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 07 80 80 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 20 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 08 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 80 80 10 10)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0f 80 80 04 04)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 10 80 80 10 10)
0054 . C. ----- Success Verify ? OK / NG ____
0055 C.
0056 C.
0057 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0058 C.
0059 +. DC 07-F0 MDP_XRT_MODE_OBSV
0060 BC (c2)
0061 +. TI 2009-07-30 10:04:02.0
0062 DC 07-F0 MDP_XRT_MODE_OBSV
0063 BC (c2)
0064 . C. ----- Success Verify ? OK / NG ____
0065 C.
0066 C. ***** XRT END *****
0067 . C. *****
0068 C. SOT table upload
0069 C. *****
0070 . C. < Stop FG table >
0071 +. DC 07-F0 MDP_FG_CTRL_MANU
0072 BC (51)
0073 . C. -----
0074 C. MDP_FG_CTRL_MODE = MANU [ ]
0075 C. -----
0076 C.
0077 . C. <Upload FG Observation Table>
0078 . S. RAM ram-265:MDP_OBS_F
0079 ( )
0080 C.
0081 . C. < Dump RAMID=MDP_OBS_F >
0082 +. DC 07-F0 MDP_DUMP_FGTBL
0083 BC (82 07 00 00 00 38 b8)
0084 C. -----
0085 C. MDP_OBS_F verify = OK/NG [ ]
0086 C. -----
0087 C.
0088 C. *****
0089 C. SOT TI command set
0090 C. *****
0091 C. Execute, after the success of TBL upload.
0092 +. TI 2009-07-30 10:04:18.0
0093 DC 07-F0 MDP_SOT_MODE_OBSV
0094 BC (40)
0095 . C. -----
```


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*** OP Sequence for XRT ***

2009/07/30	10:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	10:14:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/30	10:15:00.0	AOCS_ORe-point_Start_1_OG [0x097]				
		AOCU_NM	5	02-76	00 ea 4e 51 26	
2009/07/30	10:15:16.0	XRT_QT_PROG_SET_408_OG [0x198]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/30	10:16:54.0	XRT_ARS_DIS_422_OG [0x1a6]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/30	10:16:56.0	XRT_FLD_DIS_445_OG [0x1bd]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/30	10:16:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/30	10:17:00.0	XRT_CTRL_AUTO_403_OG [0x193]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	10:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	10:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/30	10:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
		AOCU_NM	5	02-76	00 ee 98 42 66	
2009/07/30	10:40:16.0	XRT_QT_PROG_SET_408_OG [0x198]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/30	10:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/30	10:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/30	10:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/30	10:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	10:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	10:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/30	11:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]				
		AOCU_NM	5	02-76	00 f0 19 32 97	
2009/07/30	11:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/30	11:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/30	11:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/30	11:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/30	11:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	11:05:00.0	XRT_CTRL_MANU_435_OG [0x1b3]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	11:06:00.0	XRT_Custom_430_OG [0x1ae]				
2009/07/30	11:07:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	11:09:00.0	XRT_CTRL_MANU_435_OG [0x1b3]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	11:35:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	11:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	11:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/30	11:40:00.0	AOCS_ORe-point_Start_4_OG [0x09a]				
		AOCU_NM	5	02-76	00 f0 fe 22 35	
2009/07/30	11:40:16.0	XRT_QT_PROG_SET_408_OG [0x198]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/30	11:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/30	11:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/30	11:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/30	11:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	11:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	11:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/30	12:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]				
		AOCU_NM	5	02-76	00 f1 82 11 58	
2009/07/30	12:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/30	12:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/30	12:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/30	12:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/30	12:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	12:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2009/07/30	12:19:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	12:20:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	f1	b3	00	00
2009/07/30	12:20:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	12:21:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	12:21:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	12:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	12:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	12:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	13:13:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	13:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	13:19:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	13:20:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	f1	82	ee	a8
2009/07/30	13:20:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	13:21:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	13:21:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	13:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	13:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	13:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	13:44:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	13:45:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00	f0	fe	dd	cb
2009/07/30	13:45:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	13:46:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	13:46:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	13:46:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	13:47:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	14:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	14:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	14:10:00.0	AOCS_ORe-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	f0	19	cd	69
2009/07/30	14:10:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	14:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	14:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	14:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	14:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	14:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	14:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	15:00:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/30	15:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	15:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	15:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	15:10:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00	ee	98	bd	9a
2009/07/30	15:10:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	15:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	15:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	15:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	15:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	15:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	15:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	

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2009/07/30	15:40:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00	ea	4e	ae	da
2009/07/30	15:40:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	15:41:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	15:41:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	15:41:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	15:42:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	16:04:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	16:24:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	16:48:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/30	16:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	16:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	16:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	17:00:00.0	AOCS_OrE-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00	15	99	51	0e
2009/07/30	17:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	17:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	17:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	17:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	17:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	17:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	17:24:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	17:25:00.0	AOCS_OrE-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00	1a	35	40	8b
2009/07/30	17:25:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	17:26:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	17:26:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	17:26:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	17:27:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	17:42:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	18:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	18:24:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	18:24:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/07/30	18:25:00.0	AOCS_OrE-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/07/30	18:25:16.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	18:25:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	18:25:20.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	18:27:58.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2009/07/30	18:28:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	18:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	18:34:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	18:35:00.0	AOCS_OrE-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00	1b	be	30	18
2009/07/30	18:35:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	18:36:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	18:36:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	18:36:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	18:37:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	18:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	18:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/07/30	19:00:00.0	AOCS_OrE-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00	1c	9b	1f	74

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2009/07/30	19:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	19:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	19:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	19:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	19:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	19:21:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	19:38:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	20:01:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/30	20:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	20:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	20:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2009/07/30	20:10:00.0	AOCS_OrE-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00	1d 0e 0e 97			
2009/07/30	20:10:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	20:11:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	20:11:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	20:11:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	20:12:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	20:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	20:34:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2009/07/30	20:35:00.0	AOCS_OrE-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00	1d 26 fd 40			
2009/07/30	20:35:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	20:36:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	20:36:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	20:36:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	20:37:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	20:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	21:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	21:39:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/30	21:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	21:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	21:44:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2009/07/30	21:45:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	00	1d 0e f1 69			
2009/07/30	21:45:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	21:46:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	21:46:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	21:46:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	21:47:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	22:14:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	22:14:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2009/07/30	22:15:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	00	1c 9b e0 8c			
2009/07/30	22:15:16.0	XRT_QT_PROG_SET_408_OG [0x198]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2009/07/30	22:16:54.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/07/30	22:16:56.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/07/30	22:16:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/07/30	22:17:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/07/30	22:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	22:53:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/07/30	23:14:00.0	XRT_Custom_430_OG [0x1ae]							

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2009/07/30	23:15:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	23:19:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	23:19:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/30	23:20:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00 1b be cf e8	
2009/07/30	23:20:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/30	23:21:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/30	23:21:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/30	23:21:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/30	23:22:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/30	23:49:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/30	23:49:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/30	23:50:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 1a 35 bf 75	
2009/07/30	23:50:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/30	23:51:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/30	23:51:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/30	23:51:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/30	23:52:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/31	00:16:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	00:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	00:43:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/31	00:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	00:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/31	01:00:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 15 99 ae f2	
2009/07/31	01:00:16.0	XRT_QT_PROG_SET_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2009/07/31	01:01:54.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/31	01:01:56.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/31	01:01:58.0	XRT_FLRCTRL_DIS_416_OG [0x1a0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/31	01:02:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/31	01:30:00.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	01:30:02.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2009/07/31	01:30:22.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2009/07/31	01:30:24.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/07/31	01:30:26.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/07/31	01:30:28.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/07/31	01:30:30.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/07/31	01:33:08.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/31	01:54:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	01:55:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	02:21:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/31	03:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	03:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	04:00:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/31	05:00:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	05:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	05:38:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/07/31	05:56:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/07/31	05:56:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]					

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2009/07/31	05:56:30.0	AOCS_ORe-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
			AOCU_NM	5	02-76	00	00	00	00
2009/07/31	05:56:46.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/07/31	05:56:48.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/07/31	05:56:50.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/07/31	05:59:28.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2009/07/31	05:59:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	06:06:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	06:06:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/07/31	06:06:30.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	01	00	00	00
2009/07/31	06:06:46.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2009/07/31	06:06:48.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/07/31	06:06:50.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/07/31	06:06:52.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/07/31	06:06:54.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/07/31	06:09:32.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	06:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	06:50:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	07:17:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	08:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	08:29:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	08:55:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	09:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	09:59:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/07/31	10:00:00.0	AOCS_ORe-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	03	00	00	00
2009/07/31	10:00:16.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2009/07/31	10:00:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/07/31	10:00:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/07/31	10:00:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/07/31	10:00:24.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/07/31	10:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	10:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	10:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	10:34:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	11:46:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	12:12:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	13:24:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	13:51:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	15:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	15:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	15:38:30.0	XRT_Custom_430_OG [0x1ae]							
2009/07/31	15:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	15:45:00.5	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	15:48:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/31	15:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/07/31	16:41:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	17:01:00.5	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/07/31	17:25:00.0	XRT_Custom_430_OG [0x1ae]							
2009/07/31	17:26:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]							

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2009/07/31	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/31	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	18:00:00.0	AOCS_OrE-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/07/31	18:00:16.0	XRT_FLD_DIS_419_OG [0x1a3]	AOCU_NM	5	02-76	00 00 00 00 00
2009/07/31	18:00:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/07/31	18:00:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/07/31	18:02:58.0	XRT_QT_PROG_SET_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/07/31	18:03:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2009/07/31	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/31	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	18:10:00.0	AOCS_OrE-point_Start_24_OG [0x0ae]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/07/31	18:10:16.0	XRT_QT_PROG_SET_401_OG [0x191]	AOCU_NM	5	02-76	01 00 00 00 00
2009/07/31	18:10:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2009/07/31	18:10:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2009/07/31	18:10:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/07/31	18:10:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/07/31	18:13:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/07/31	18:20:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/31	18:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	19:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	19:02:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/31	19:58:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	20:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	20:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	20:40:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/31	21:37:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	21:53:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	22:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	22:16:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/07/31	23:15:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	23:30:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	23:45:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/07/31	23:46:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/08/01	00:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	01:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	01:20:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	02:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/08/01	02:32:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	02:58:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	03:57:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/08/01	04:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	04:37:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	05:38:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/08/01	05:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	06:15:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	06:17:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/08/01	06:17:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/08/01	06:18:00.0	AOCS_OrE-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
		AOCU_NM		5	02-76	00 00 00 00 00

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2009/08/01	06:18:16.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/08/01	06:18:18.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/08/01	06:18:20.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/08/01	06:20:58.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2009/08/01	06:21:00.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/08/01	06:27:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	06:27:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2009/08/01	06:28:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	01	00	00	00
2009/08/01	06:28:16.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2009/08/01	06:28:18.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/08/01	06:28:20.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/08/01	06:28:22.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/08/01	06:28:24.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/08/01	06:31:02.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/08/01	07:18:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	07:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	07:54:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/08/01	08:58:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	09:06:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	09:32:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/08/01	10:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	10:45:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	11:11:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/08/01	11:11:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/08/01	11:12:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	00	00	00