

XRT Timeline to be uploaded on 2009/12/04

Period: 2009/12/04 10:07:00 - 2009/12/08 11:28:00

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Normal mode

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XOB #172D: Synoptic Q95 med-AI + Dark (2x2 4x4 8x8 and cross strips)													
Term	Pointing (x, y)		Comment										
12/04 18:00:00 - 12/04 18:07:00	Fixed (	0.0, 0.0)	synoptic, shifted -3.0 min, SOT flat field obs.									
12/05 06:03:00 - 12/05 06:10:00	Fixed (	0.0, 0.0)	synoptic, and SOT flat field obs.									
12/05 18:03:00 - 12/05 18:10:00	Fixed (	0.0, 0.0)	synoptic, and SOT flat field obs.									
12/06 05:33:30 - 12/06 05:40:24	Fixed (	0.0, 0.0)	synoptic, shifted -29.5 min									
12/06 18:23:30 - 12/06 18:30:24	Fixed (	0.0, 0.0)	synoptic, shifted 20.5 min									
12/07 06:09:00 - 12/07 06:15:54	Fixed (	0.0, 0.0)	synoptic, shifted 6.0 min									
PROG= 03 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 85 2-time(s) 2.0sec													
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	16.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	32.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 90 1-time(s) 2.0sec													
med-AI/thick-Be	med-AI/thick-Be	close	Safe	Dark	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
med-AI/thick-Be	med-AI/thick-Be	close	Safe	Dark	500ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
med-AI/thick-Be	med-AI/thick-Be	close	Safe	Dark	500ms	Obs	8x8	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
med-AI/thick-Be	med-AI/thick-Be	close	Safe	Dark	500ms	Obs	1x1	2048x512	(1024, 1024)	DPCM	0	0	2.0sec
med-AI/thick-Be	med-AI/thick-Be	close	Safe	Dark	500ms	Obs	1x1	512x2048	(1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1732: Dark - Med-AI+Thick-Be - 8x8 - 512x512													
Term	Pointing (x, y)		Comment										
12/04 18:09:46 - 12/04 18:10:46	Fixed (	0.0, 0.0)	synoptic, shifted -3.0 min, SOT flat field obs.									
12/05 06:12:46 - 12/05 06:13:46	Fixed (	0.0, 0.0)	synoptic, and SOT flat field obs.									
12/05 10:23:46 - 12/05 10:24:46	Fixed (	-930.0, 200.0)	cont.									
12/05 18:12:46 - 12/05 18:13:46	Fixed (	0.0, 0.0)	synoptic, and SOT flat field obs.									
12/06 12:02:46 - 12/06 12:03:46	Track (	-38.0, -0.4)	① 12/06 09:00:00 QS observation with tracking.									
12/07 08:18:47 - 12/07 08:19:47	Track (	-633.5, 200.9)	② 12/07 06:16:00 cont.									
PROG= 12 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 91 1-time(s) 2.0sec													
med-AI/thick-Be	med-AI/thick-Be	close	Safe	Dark	500ms	Obs	8x8	512x512	(1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1737: AR Dynamics - 1x1 - Med-AI - inner (512x512) and 2x2 - outer - lower cadence- Q95 - AEC 5 and AEC 2													
Term	Pointing (x, y)		Comment										
12/04 19:03:02 - 12/05 05:59:54	Fixed (	-930.0, 200.0)	AR observation									
12/05 07:27:36 - 12/05 10:21:00	Fixed (	-930.0, 200.0)	cont.									
12/05 19:23:38 - 12/06 05:30:24	Track (	-834.9, 199.4)	① 12/05 19:00:00 Track AR									
12/06 18:33:32 - 12/07 06:05:54	Track (	-710.1, 200.2)	② 12/06 18:30:30 AR obs.									
12/07 06:19:00 - 12/07 08:16:00	Track (	-633.5, 200.9)	③ 12/07 06:16:00 cont.									
PROG= 18 Inf.-time(s)													
└─ Subr= 1 5-time(s) 45.0sec													
└─ Seqn= 96 1-time(s) 2.0sec													
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	16.0s	Obs	1x1	512x512	(1064, 1048)	Q=95	5	0	2.0sec
└─ Subr= 2 1-time(s) 130.0sec													
└─ Seqn= 93 1-time(s) 2.0sec													
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	16.0s	Obs	2x2	512x512	(1064, 1048)	Q=95	5	0	2.0sec
└─ Seqn= 89 1-time(s) 2.0sec													
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	32.0s	Obs	2x2	1024x1024	(1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #172E: QS Hot plasma - Med-AI - 512x512 - 32s DPCM													
Term	Pointing (x, y)		Comment										
12/06 05:43:30 - 12/06 08:59:54	Fixed (	0.0, 0.0)	synoptic, shifted -29.5 min									
12/06 09:03:00 - 12/06 12:00:00	Track (	-38.0, -0.4)	① 12/06 09:00:00 QS observation with tracking.									
PROG= 06 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 86 17-time(s) 2.0sec													
med-AI/Open	med-AI/thick-AI	close	Safe	Norm	32.0s	Obs	1x1	512x512	(1024, 1024)	DPCM	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 87 1-time(s) 2.0sec													
med-AI/Open	med-AI/thick-AI	close	Safe	Dark	32.0s	Obs	1x1	512x512	(1024, 1024)	DPCM	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

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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

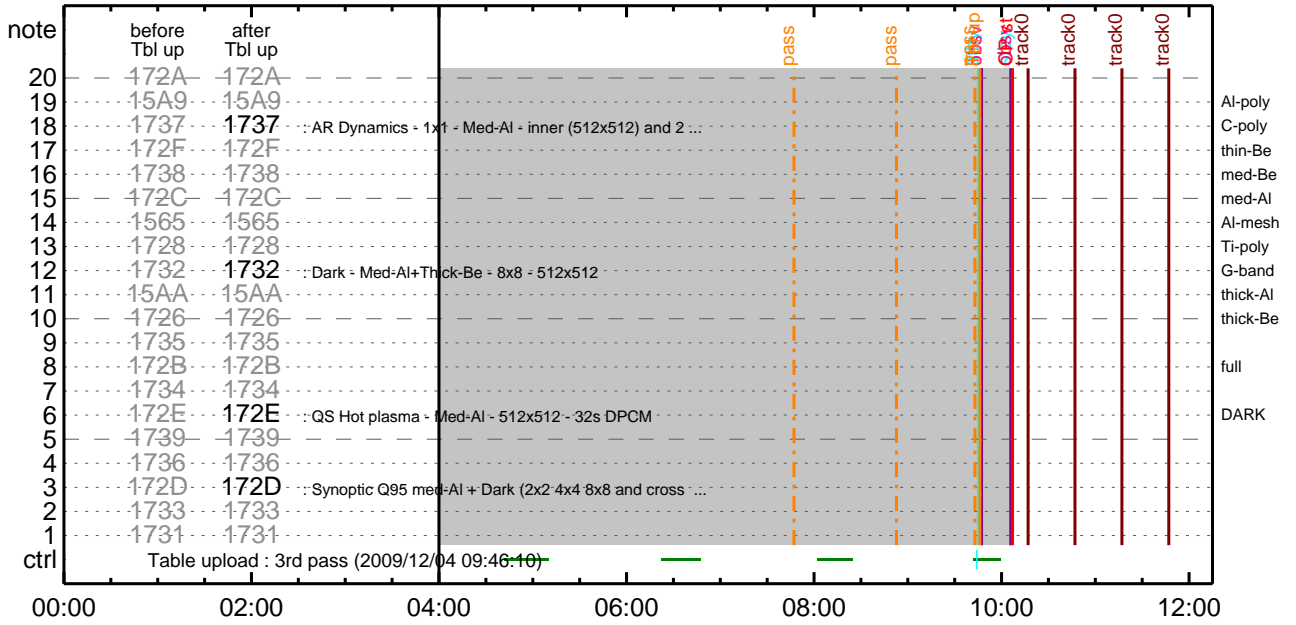
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Flare Detection

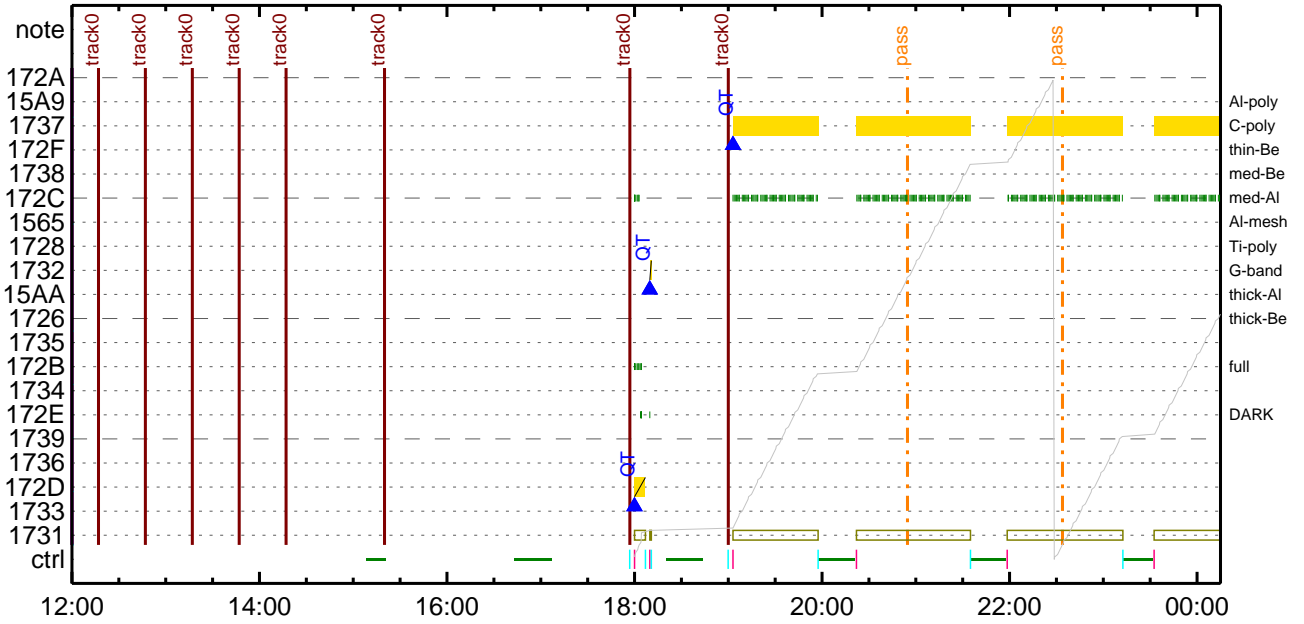
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NOT USED

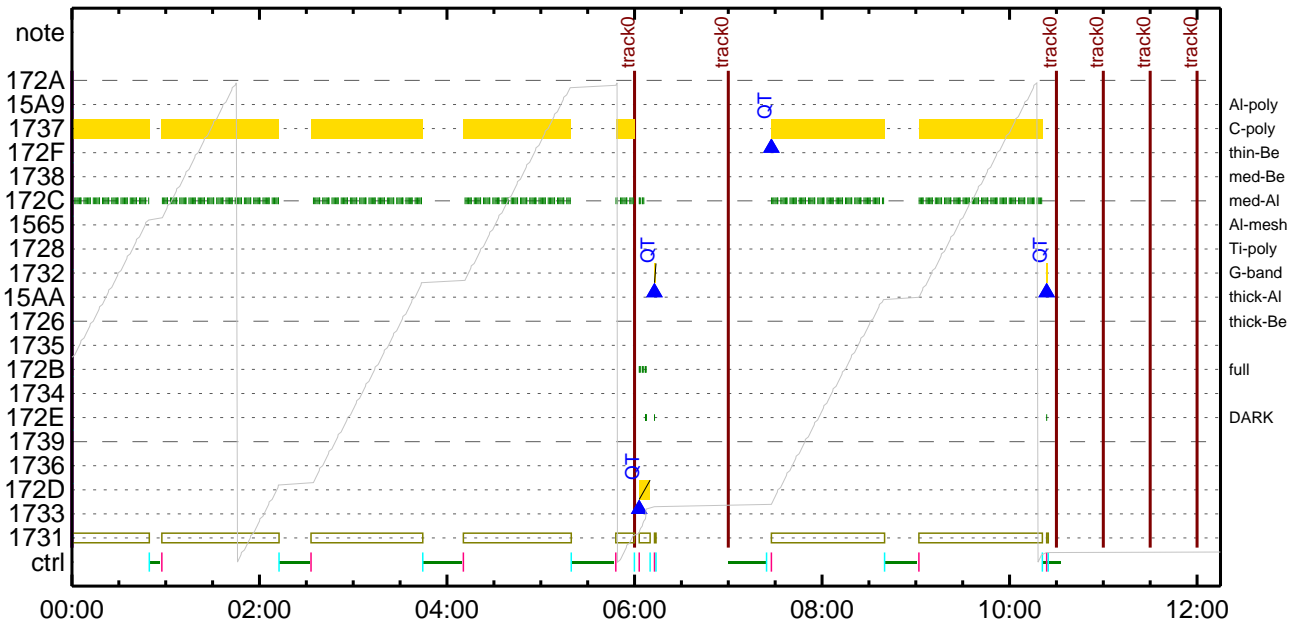
CMDI #0943 2009/12/04



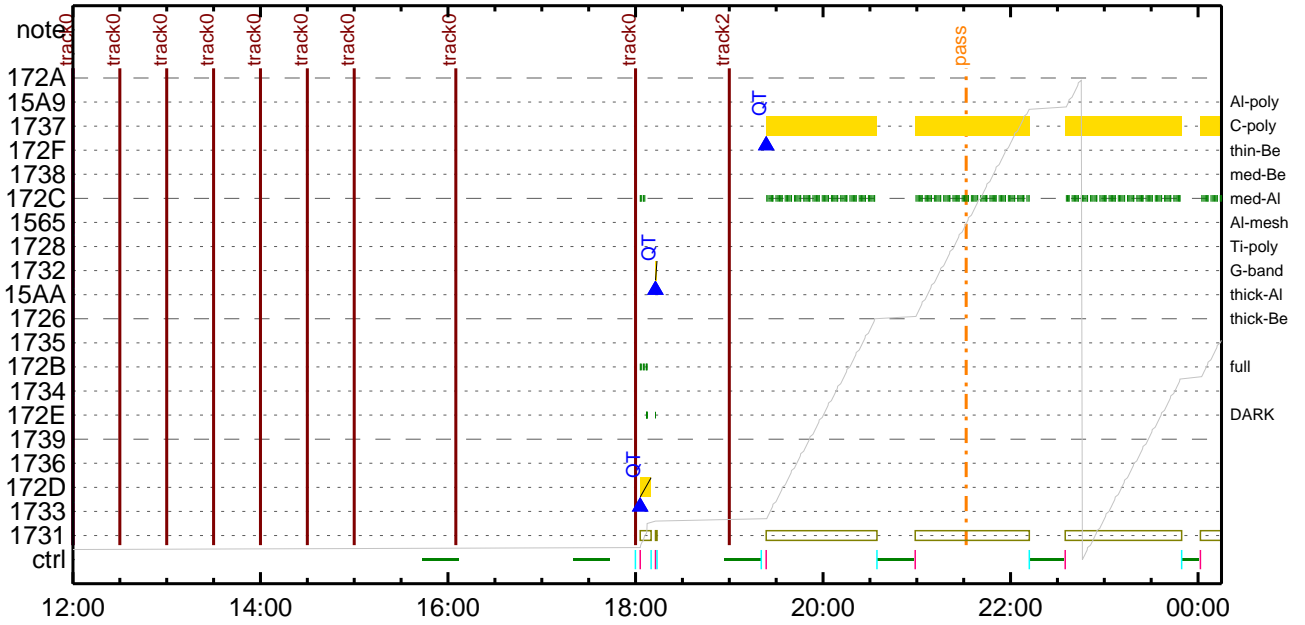
CMDI #0943 2009/12/04



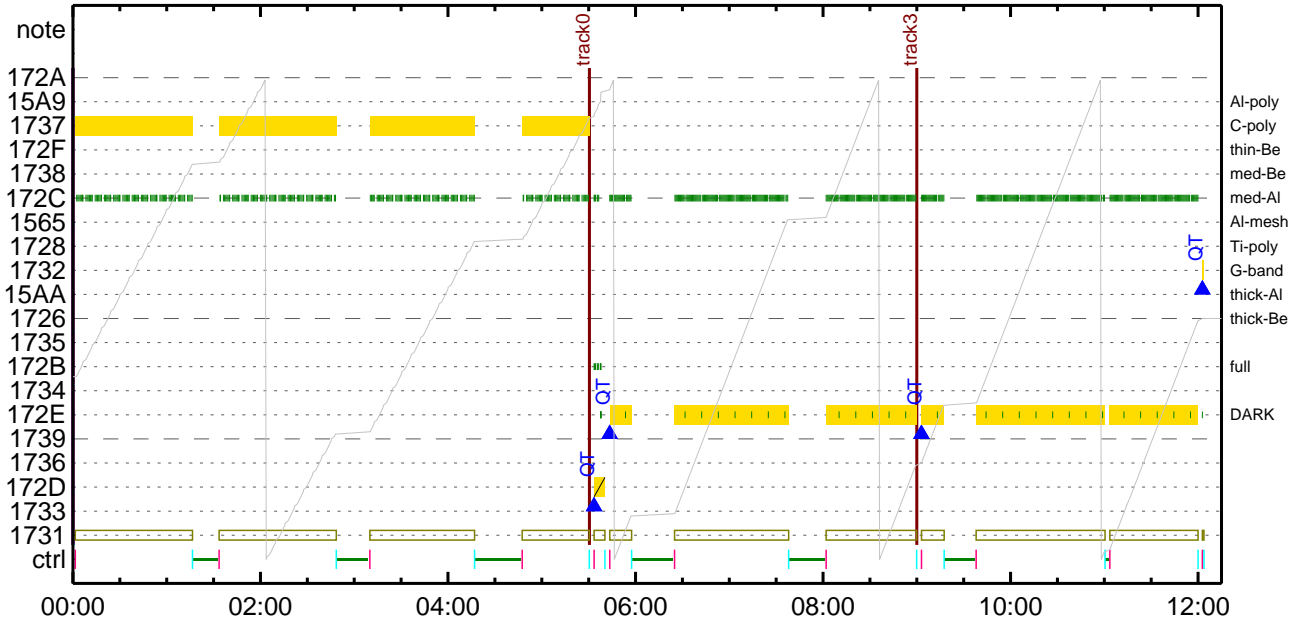
CMDI #0943 2009/12/05



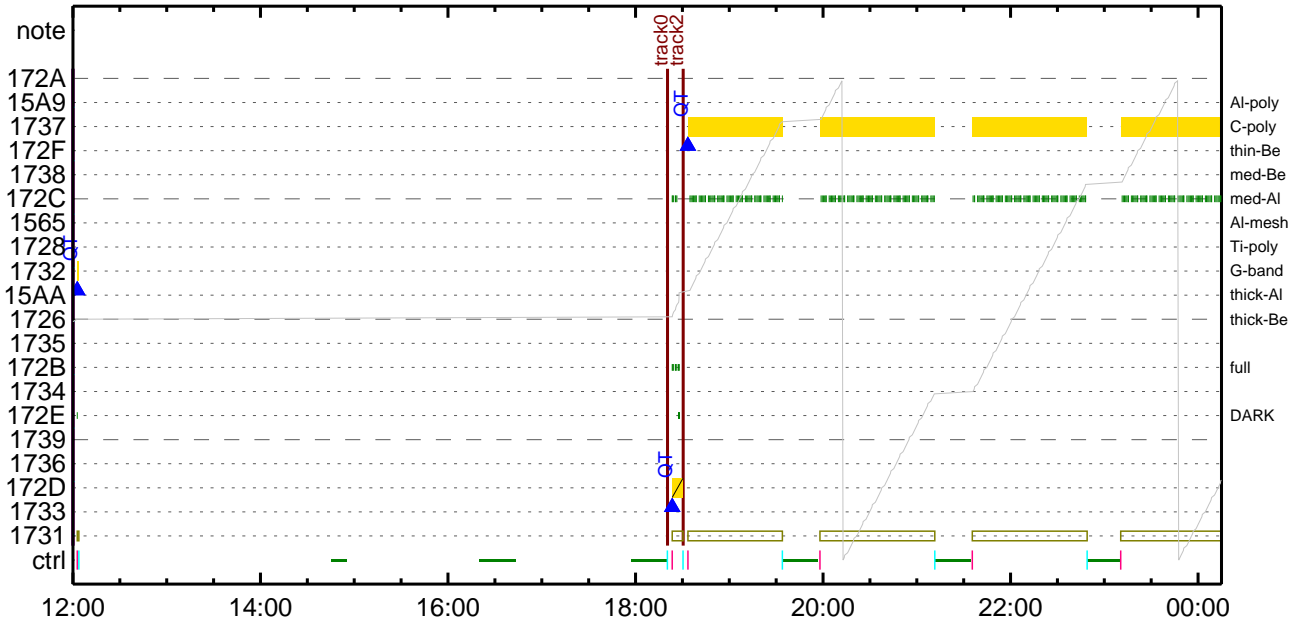
CMDI #0943 2009/12/05



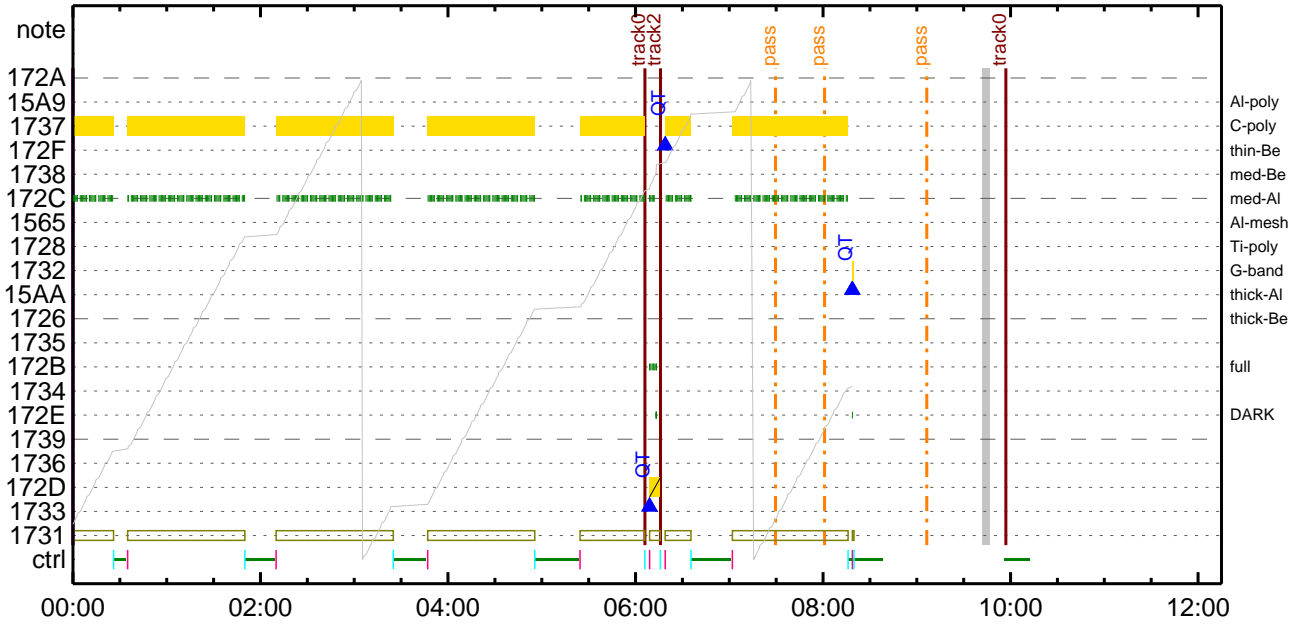
CMDI #0943 2009/12/06



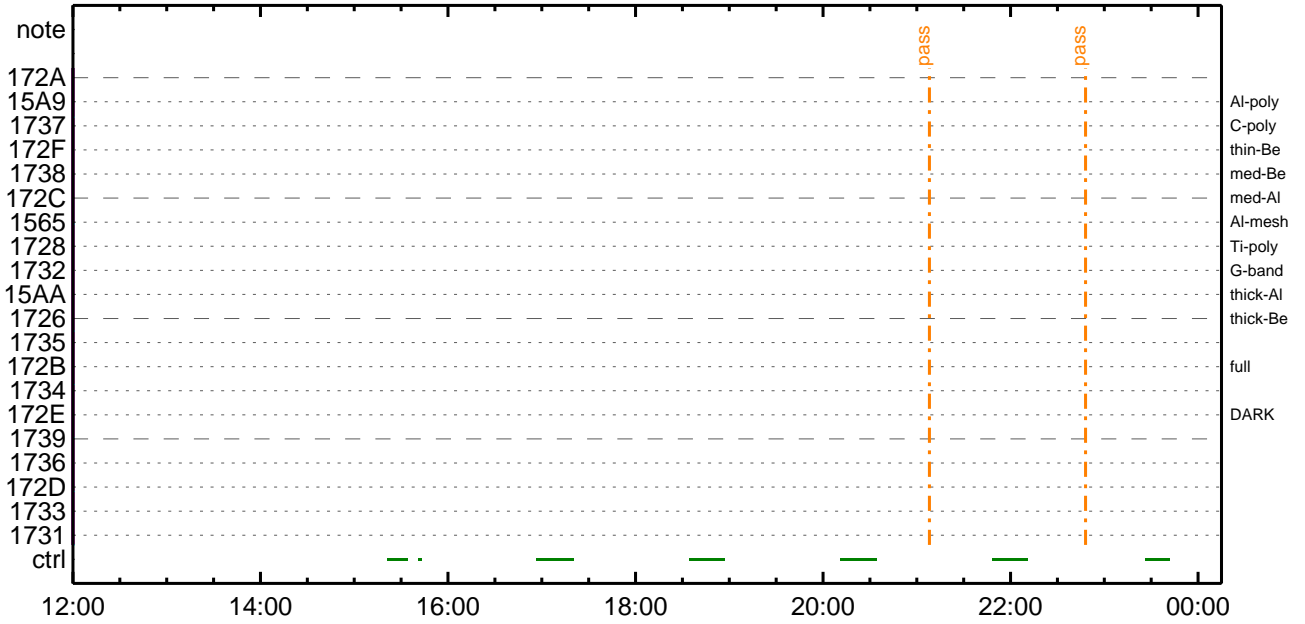
CMDI #0943 2009/12/06



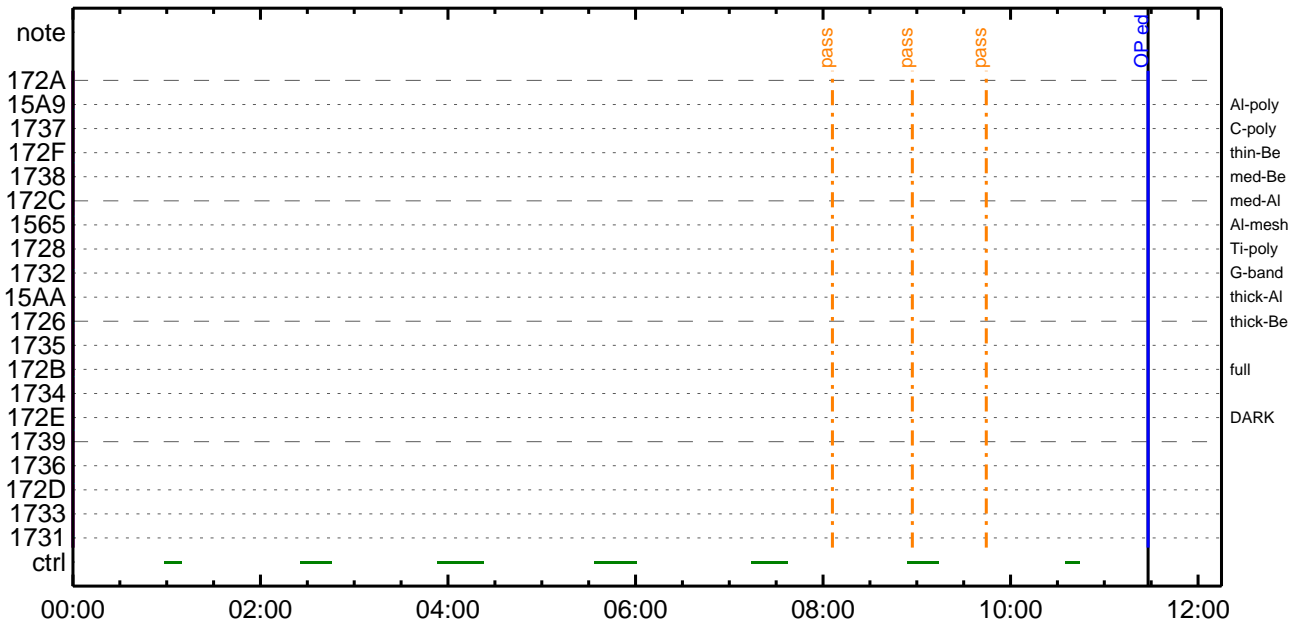
CMDI #0943 2009/12/07



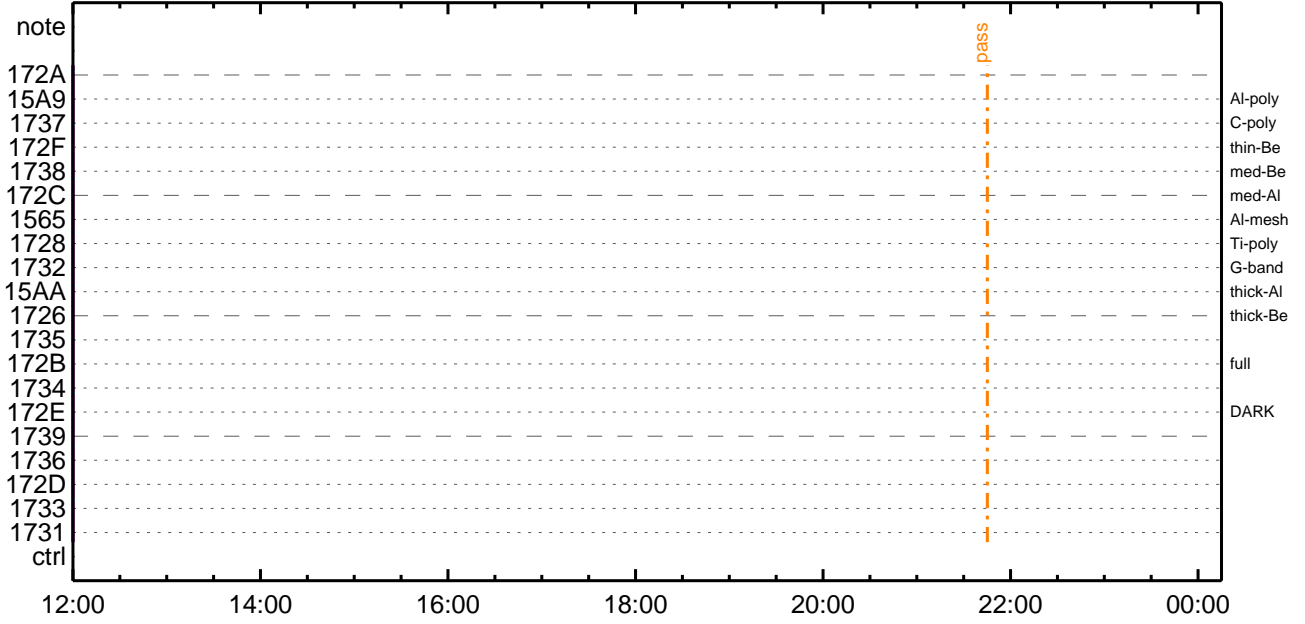
CMDI #0943 2009/12/07



CMDI #0943 2009/12/08



CMDI #0943 2009/12/08



(a) Spacecraft Operation Procedure (real-commands)

```
main-026 2009-12-04 13:16:01 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁŸSŸYÁŸ-¼Á»Û;ä
0005 C.
0006 C. YÀŸB;¼Ÿ³ŸPŸÖŸÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿ðÀð•μ°Æ»ÍxÁÇøÁŸçŸÁŸxŸí;¼ŸÉ;ÈÈè%μ•íŸÈ;ÈøÈ¼°ÇÔø•ø¿¼ì¹çøÍ;çÀ®.ùø¹øÈøBøçÁ+¿®ø•øÈøøø³øÈ;Ÿ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGŸí;¼ŸÉ;|ŸYÁŸÖŸx
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGŸí;¼ŸÉ;ä
0019 . S. OP op-026:OP
0020 ( )
0021 . S. OG og-026:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPŸí°èŸYÁŸÖŸx;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. YÀŸÖŸx½ª î»ðð³ ÎÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGøî½È¹ç•è² ÌOKøð³ ÎÇ§
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. YÀŸÖŸx½ª î»ðð³ ÎÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGøî½È¹ç•è² ÌOKøð³ ÎÇ§
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. 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. YÀŸÖŸx½ª î»ðð³ ÎÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPøî½È¹ç•è² ÌOKøð³ ÎÇ§
0081 C.
0082 . C. ***** øÈ²¼øî½Ä´ ¶Ì°øÈÈ-øÀ+¿® (¼áμ-YÁŸÖŸx½¼ø%çøðÁÓÃøøç¾ªø°ø¼¼ì¹çøçøà) *****
0083 C. DHUYä;¼ŸÉ;È%Ÿ% .Ÿí;¼ŸÉ;ÈøðÍäø¹
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 UPLOADø-Ä+¿®NGøî½¼ì¹ç; çøÈ²¼øî½TI-CMDÄ+¿®øî½Á¹Ôøø•øÈøøø³øÈ;Ÿ
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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)

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main-027 2009-12-04 13:16:03 166 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 . C.
0006 . C. YÀYB;¼Y³YBYóYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. ÁÍ;Éò¿òÁò•µ°È»Í×ÁÇòÍYçYÁY×YÍ;¼YÉ;ÈÈÈ%µ•ÍÍÉ;ÈòÈ¼°Çòò•ò¿¼l¹çòÍ;çÀ®, ùò¹òÈòòòòÇÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. *****
0015 . C. XÁ+¿µ;ON
0016 . C. *****
0017 . C. °ÈÀ, Í×ÈYòáLOSòòòòòÍ»p´òòò¹ÍÍ, ò•; çÉòÍ×òÈXÁòONòÍ¹òÈòÍòÈòòò³òÈ;f
0018 . C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 +. DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 +. DC 03-95 TCIA_XMOD_QPSK
0024 . C.          çç[HK1_XPA_ON/OFF]          EQ      ON
0025 . C.          çç[HK1_XPA_PWR_HI/LO]      EQ      HI
0026 . C.          çç[HK1_XMOD_ON/OFF]       EQ      ON
0027 . C.          çç[HK1_XMOD_QPSK/PM]      EQ      QPSK
0028 . C.
0029 . C. XYDYóYÉYíYÁY-¾óÁòòòòòÁÁÈòòò¿òé; ç°È²¼òÍ°ÈÀ, ¼È¿çòòò¼Á¹òò¹òé;f
0030 . C.
0031 . C. *****
0032 . C. DR PT1 ÁÍ¼Í°ÈÀ,
0033 . C. *****
0034 . C. ° RESTART; ÈPT1; Èòòò¿ò¼l¹çòÍ; ç°È²¼òÍ¼Á¹òòòò°; çDCBC-150òò¿¿Èòà;f
0035 . C.
0036 . C. ;ãPT1°ÈÀ, ³«»Í;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 +. DC 06-C8 DR_PT1_REP_SEL
0039 . C. BC (01 00)
0040 +. DC 06-B3 DR_REP_START
0041 +. DC 01-32 DHU_X_VC4_ON
0042 . C.          çç[HK1_REP_PT_1/2]          EQ      PT1  (¼Á¹ò, ;¼Ú)
0043 . C.          çç[HK1_REP_STA/STP]      EQ      START (¼Á¹ò, ;¼Ú)
0044 . C.          çç[HK1_X_VC4_ON/OFF]     EQ      ON    (¼Á¹ò, ;¼Ú)
0045 . C.
0046 . C. ;ãYçYóYÉYÉÁÚÁò; ÈÁ°Á°²òÈò; È, áòÍ°ÈÀ, °È³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 +. DC 01-32 DHU_X_VC4_ON
0049 . C.          çç[HK1_REP_PT_1/2]          EQ      PT1  (¼Á¹ò, ;¼Ú)
0050 . C.          çç[HK1_REP_STA/STP]      EQ      START (¼Á¹ò, ;¼Ú)
0051 . C.          çç[HK1_X_VC4_ON/OFF]     EQ      ON    (¼Á¹ò, ;¼Ú)
0052 . C.
0053 . C.
0054 . C. PT1°ÈÀ, òò¼«È°Áá»òòòò¿, á; ç°È²¼òòò¼Á¹òò¹òé;f
0055 . C. YçYóYÉYÉÁÚÁòòòÁ°Á°²òÈòòò¼áòò¼l¹çòÍ°òÍ»òòòòòòòòòòÇÁòòÀ;f
0056 . C.
0057 . C. *****
0058 . C. DR PT2 ÁÍ¼Í°ÈÀ,
0059 . C. *****
0060 . C. ° RESTART; ÈPT2; Èòòò¿ò¼l¹çòÍ; ç°È²¼òÍ¼Á¹òòòò°; çDCBC-151òò¿¿Èòà;f
0061 . C.
0062 . C. ;ãPT2°ÈÀ, ³«»Í;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 +. DC 06-C8 DR_PT2_REP_SEL
0065 . C. BC (02 00)
0066 +. DC 06-B3 DR_REP_START
0067 +. DC 01-32 DHU_X_VC4_ON
0068 . C.          çç[HK1_REP_PT_1/2]          EQ      PT2  (¼Á¹ò, ;¼Ú)
0069 . C.          çç[HK1_REP_STA/STP]      EQ      START (¼Á¹ò, ;¼Ú)
0070 . C.          çç[HK1_X_VC4_ON/OFF]     EQ      ON    (¼Á¹ò, ;¼Ú)
0071 . C.
0072 . C. ;ãYçYóYÉYÉÁÚÁò; ÈÁ°Á°²òÈò; È, áòÍ°ÈÀ, °È³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 +. DC 01-32 DHU_X_VC4_ON
0075 . C.          çç[HK1_REP_PT_1/2]          EQ      PT2  (¼Á¹ò, ;¼Ú)
0076 . C.          çç[HK1_REP_STA/STP]      EQ      START (¼Á¹ò, ;¼Ú)
0077 . C.          çç[HK1_X_VC4_ON/OFF]     EQ      ON    (¼Á¹ò, ;¼Ú)
0078 . C.
0079 . C. *****
0080 . C. DR°ÈÀ, Áá»ò; çXÁ+¿µ;OFF
0081 . C. *****
0082 . C.
0083 . C. ;ãDR°ÈÀ, Áá»ò;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 +. DC 01-29 DHU_S/X_VC4_OFF
0086 . C.          çç[HK1_REP_STA/STP]          EQ      STOP
0087 . C.          çç[HK1_S_VC4_ON/OFF]       EQ      OFF
0088 . C.          çç[HK1_X_VC4_ON/OFF]     EQ      OFF
0089 . C.
0090 . C. ;ãXÁ+¿µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 +. DC 03-B5 TCIA_XPA_OFF
0094 . C.          çç[HK1_XMOD_ON/OFF]          EQ      OFF
0095 . C.          çç[HK1_XPA_ON/OFF]         EQ      OFF

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(a) Spacecraft Operation Procedure (real-commands)

```
main-028 2009-12-04 13:16:05 118 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□□□•µ°È»Í×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;È□È¼°Ç□□•□¿¼í¹ç□í;çÀ®, ù□¹□È□□□ÇÁ+¿®□•□È□□□□È;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 20 08)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 08 80 80 08 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 09 80 80 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 0a 85 83 08 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0b 80 80 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 04 04)
0056 + DC 07-F0 MDP_XRT_AEC_RESET
0057 BC (d0)
0058 . C. ----- Success Verify ? OK / NG ____
0059 C.
0060 C.
0061 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0062 C.
0063 +. DC 07-F0 MDP_XRT_MODE_OBSV
0064 BC (c2)
0065 +. TI 2009-12-04 10:06:02.0
0066 DC 07-F0 MDP_XRT_MODE_OBSV
0067 BC (c2)
0068 . C. ----- Success Verify ? OK / NG ____
0069 C.
0070 C. ***** XRT END *****
0071 . C. *****
0072 C. SOT table upload
0073 C. *****
0074 . C. < Stop FG table >
0075 +. DC 07-F0 MDP_FG_CTRL_MANU
0076 BC (51)
0077 . C. -----
0078 C. MDP_FG_CTRL_MODE = MANU [ ]
0079 C. -----
0080 C.
0081 . C. <Upload FG Observation Table>
0082 . S. RAM ram-267:MDP_OBS_F
0083 ( )
0084 C.
0085 . C. < Dump RAMID=MDP_OBS_F >
0086 +. DC 07-F0 MDP_DUMP_FGTBL
0087 BC (82 07 00 00 00 38 b8)
0088 C. -----
0089 C. MDP_OBS_F verify = OK/NG [ ]
0090 C. -----
0091 C.
0092 C. *****
0093 C. SOT TI command set
0094 C. *****
0095 C. Execute, after the success of TBL upload.
```

```
0096 +. TI 2009-12-04 10:06:18.0
0097 DC 07-F0 MDP_SOT_MODE_OBSV
0098 BC (40)
0099 . C. -----
0100 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0101 C. -----
0102 C.
0103 C.
0104 . C. ***** MDP 'úÃîñî»ô¼ÝñÈÃðñ¹ñèDCBC•x²è *****
0105 C. (¼ã°îÝÓÝÃÝÈÝÞÝÈÝáÝçÝèñ¼ññ¼Ã»Ûñ¹ñè)
0106 . S. DC-BC dcbc-402:DCBC
0107 (MDP_known_event)
0108 C.
0109 C.
0110 . C. ***** ÝÐÝ¹•İ Daily±¿İÑñÈ´Øñ¹ñèDCBC•x²è *****
0111 . S. DC-BC dcbc-153:DCBC
0112 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0113 C.
0114 C.
0115 . C. ;ãLOSÝÁÝ§ÝÃÝ¬¼Ã»Û;ã
0116 C.
0117 . C. ***** LOS *****
0118 C.
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*** OP Sequence for XRT ***

2009/12/04	10:17:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00	00	e5	51	81
2009/12/04	10:47:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	e5	3f	ce
2009/12/04	11:17:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	e5	2e	24
2009/12/04	11:47:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	e5	1c	72
2009/12/04	12:17:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	00	e5	0a	c0
2009/12/04	12:47:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	00	e5	f9	0f
2009/12/04	13:17:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	00	e5	e7	65
2009/12/04	13:47:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00	00	e5	d5	b3
2009/12/04	14:17:00.0	AOCS_ORe-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	00	e5	c4	00
2009/12/04	15:20:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00	00	e5	b2	4e
2009/12/04	17:56:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/04	17:56:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2009/12/04	17:57:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/12/04	17:57:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2009/12/04	17:57:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2009/12/04	17:57:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2009/12/04	17:59:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 03
2009/12/04	18:00:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/04	18:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/04	18:07:02.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2009/12/04	18:07:04.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2009/12/04	18:07:06.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2009/12/04	18:09:44.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 0c
2009/12/04	18:09:46.0	XRT_CTRL_AUTO_447_OG [0x1bf]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/04	18:10:46.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/04	18:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/04	18:59:56.0	XRT_AEC_RESET_403_OG [0x193]							
		MDP_XRT_AEC_RESET	1	07-F0					d0
2009/12/04	18:59:58.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97		00
2009/12/04	19:00:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00	ee	36	52	a7
2009/12/04	19:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2009/12/04	19:00:20.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2009/12/04	19:00:22.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2009/12/04	19:03:00.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0					c4 12
2009/12/04	19:03:02.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/04	19:57:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/04	20:21:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/04	20:22:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/04	21:35:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/04	21:57:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/04	21:58:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/04	23:12:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/04	23:31:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/04	23:32:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/05	00:49:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	00:56:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/05	00:57:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/05	02:12:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	02:32:00.0	XRT_Custom_420_OG [0x1a4]							

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2009/12/05	02:33:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	03:44:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	04:09:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/05	04:10:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	05:19:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	05:47:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/05	05:48:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	05:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/12/05	06:00:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/12/05	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/05	06:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/05	06:00:20.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/05	06:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2009/12/05	06:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	06:10:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	06:10:02.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/05	06:10:04.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/05	06:10:06.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/05	06:12:44.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/12/05	06:12:46.0	XRT_CTRL_AUTO_447_OG [0x1bf]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	06:13:46.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	07:00:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 ee 36 52 a7				
2009/12/05	07:24:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	07:24:32.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/12/05	07:24:52.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/05	07:24:54.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/05	07:24:56.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/05	07:27:34.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2009/12/05	07:27:36.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	08:40:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	09:01:00.5	XRT_Custom_420_OG [0x1a4]							
2009/12/05	09:02:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	10:21:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	10:21:02.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/05	10:21:04.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/05	10:21:06.0	XRT_ARS_DIS_411_OG [0x19b]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/05	10:23:44.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2009/12/05	10:23:46.0	XRT_CTRL_AUTO_447_OG [0x1bf]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/05	10:24:46.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/05	10:30:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00 17 ce 51 58				
2009/12/05	11:00:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]							
		AOCU_NM	5	02-76	00 17 ce 41 f3				
2009/12/05	11:30:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00 17 ff 31 ca				
2009/12/05	12:00:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00 18 18 21 3f				
2009/12/05	12:30:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00 18 18 10 5a				
2009/12/05	13:00:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00 18 18 ff 03				
2009/12/05	13:30:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	00 18 18 f1 69				
2009/12/05	14:00:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	00 18 18 e0 8c				

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2009/12/05	14:30:00.0	AOCS_ORe-point_Start_21_OG [0x0ab] AOCU_NM	5	02-76	00	17	ff	d0	01
2009/12/05	15:00:00.0	AOCS_ORe-point_Start_22_OG [0x0ac] AOCU_NM	5	02-76	00	17	ce	bf	cf
2009/12/05	16:05:00.0	AOCS_ORe-point_Start_23_OG [0x0ad] AOCU_NM	5	02-76	00	17	ce	af	8e
2009/12/05	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	17:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2009/12/05	18:00:00.0	AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	00	00	00	00
2009/12/05	18:00:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0					d9
2009/12/05	18:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2009/12/05	18:00:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0					d5
2009/12/05	18:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0					c4 03
2009/12/05	18:03:00.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/05	18:10:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	18:10:02.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0					d9
2009/12/05	18:10:04.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2009/12/05	18:10:06.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0					d5
2009/12/05	18:12:44.0	XRT_QT_PROG_SET_440_OG [0x1b8] MDP_XRT_QT_PROG_SET	2	07-F0					c4 0c
2009/12/05	18:12:46.0	XRT_CTRL_AUTO_447_OG [0x1bf] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/05	18:13:46.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	19:00:00.0	AOCS_ORe-point_Start_24_OG [0x0ae] AOCU_NM	5	02-76	02	00	00	00	00
2009/12/05	19:20:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	19:20:32.0	XRT_AEC_RESET_403_OG [0x193] MDP_XRT_AEC_RESET	1	07-F0					d0
2009/12/05	19:20:34.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22	fe	97		00
2009/12/05	19:20:54.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0					d9
2009/12/05	19:20:56.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2009/12/05	19:20:58.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0					d5
2009/12/05	19:23:36.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0					c4 12
2009/12/05	19:23:38.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/05	20:34:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	20:58:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/05	20:59:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/05	22:12:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/05	22:34:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/05	22:35:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/05	23:49:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/06	00:00:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/06	00:01:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/06	01:16:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/06	01:32:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/06	01:33:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/06	02:48:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/06	03:09:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/06	03:10:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/06	04:17:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/06	04:46:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/06	04:47:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0					c0
2009/12/06	05:30:24.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0					c1
2009/12/06	05:30:26.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2009/12/06	05:30:30.0	AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	00	00	00	00
2009/12/06	05:30:46.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0					d9
2009/12/06	05:30:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]							

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2009/12/06	05:30:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/12/06	05:33:28.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2009/12/06	05:33:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	05:40:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	05:40:26.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2009/12/06	05:40:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/12/06	05:40:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/12/06	05:40:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/12/06	05:43:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2009/12/06	05:43:30.5	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	05:57:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	06:24:00.5	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	06:25:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	07:38:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	08:01:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	08:02:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	08:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	08:59:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2009/12/06	09:00:00.5	AOCS_Ore-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	03	00 00 00 00
2009/12/06	09:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/12/06	09:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/12/06	09:00:20.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/12/06	09:02:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2009/12/06	09:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	09:17:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	09:37:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	09:38:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	11:00:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	11:02:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	11:03:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	12:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	12:00:02.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/12/06	12:00:04.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/12/06	12:00:06.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/12/06	12:02:44.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
2009/12/06	12:02:46.0	XRT_CTRL_AUTO_447_OG [0x1bf]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	12:03:46.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	18:20:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	18:20:26.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2009/12/06	18:20:30.0	AOCS_Ore-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	00 00 00 00
2009/12/06	18:20:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2009/12/06	18:20:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2009/12/06	18:20:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2009/12/06	18:23:28.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2009/12/06	18:23:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/06	18:30:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/06	18:30:26.0	XRT_AEC_RESET_403_OG [0x193]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2009/12/06	18:30:28.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00

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2009/12/06	18:30:30.0	AOCS_OrE-point_Start_24_OG [0x0ae] AOCU_NM	5	02-76	02	00	00	00	00
2009/12/06	18:30:48.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/06	18:30:50.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/06	18:30:52.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/06	18:33:30.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2009/12/06	18:33:32.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/06	19:34:00.5	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/06	19:57:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/06	19:58:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/06	21:11:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/06	21:34:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/06	21:35:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/06	22:49:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/06	23:09:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/06	23:10:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	00:26:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	00:34:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/07	00:35:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	01:50:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	02:09:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/07	02:10:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	03:25:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	03:46:00.0	XRT_Custom_420_OG [0x1a4]							
2009/12/07	03:47:00.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	04:55:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	05:23:30.0	XRT_Custom_420_OG [0x1a4]							
2009/12/07	05:24:30.0	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	06:05:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	06:05:56.0	XRT_FOCUS_POSITION_408_OG [0x198] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/12/07	06:06:00.0	AOCS_OrE-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	00	00	00	00
2009/12/07	06:06:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/07	06:06:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/07	06:06:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/07	06:08:58.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2009/12/07	06:09:00.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	06:15:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	06:15:56.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/12/07	06:16:00.0	AOCS_OrE-point_Start_24_OG [0x0ae] AOCU_NM	5	02-76	02	00	00	00	00
2009/12/07	06:16:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/07	06:16:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/07	06:16:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/07	06:18:58.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2009/12/07	06:19:00.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	06:35:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	07:01:00.5	XRT_Custom_420_OG [0x1a4]							
2009/12/07	07:02:00.5	XRT_CTRL_AUTO_416_OG [0x1a0] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/12/07	08:16:00.5	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/12/07	08:16:03.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/12/07	08:16:05.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/12/07	08:16:07.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/12/07	08:18:45.0	XRT_QT_PROG_SET_440_OG [0x1b8]							

2009/12/07	08:18:47.0	XRT_CTRL_AUTO_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2009/12/07	08:19:47.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2009/12/07	09:57:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	00 00 00 00