

# XRT Timeline to be uploaded on 2010/02/23

Period: 2010/02/23 10:44:00 - 2010/02/27 11:01:00

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Normal mode

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XOB #1777: AR multifilter - Al/mesh,Ti/Poly, G-bandFOV512 AEC3 Q95(2min)												
Term	Pointing (x, y)				Comment							
02/23 11:01:02 - 02/23 12:59:54	Track ( -599.8, 643.3) <sup>Ⓢ</sup> 02/23 10:54:00				# OP start + 10min bright point near east limb							
02/24 04:23:02 - 02/24 06:02:24	Track ( 886.3, -307.0) <sup>Ⓢ</sup> 02/24 04:20:00				Track AR11049							
02/24 06:15:32 - 02/24 11:59:54	Track ( 785.0, 388.4) <sup>Ⓢ</sup> 02/24 06:12:30				# Track AR11048							
02/24 12:03:02 - 02/24 12:59:54	Track ( -475.6, 658.8) <sup>Ⓢ</sup> 02/24 12:00:00				Track bright point on east limb for 1hour							
02/24 18:13:02 - 02/24 19:09:54	Track ( -441.2, 662.0) <sup>Ⓢ</sup> 02/24 18:10:00				#Track bright point on east limb for 1hour							
02/24 19:13:02 - 02/25 06:06:24	Fixed ( 890.0, -322.0)				Obs AR11049							
02/25 06:19:32 - 02/25 07:46:30	Track ( -369.6, 667.7) <sup>Ⓢ</sup> 02/25 06:16:30				#Track bright point							
<b>PROG= 18 Inf.-time(s)</b>												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 41 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 512x512 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─ Subr= 1 20-time(s) 120.0sec												
└─┬─┬─ Seqn= 20 1-time(s) 4.0sec												
└─┬─┬─┬─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 1x1 512x512 (1024, 1024) Q=95 3 0 2.0sec												
└─┬─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 512x512 (1024, 1024) Q=95 3 0 2.0sec												
Default Filter    Thicker Filter    VLS    mode image    Exp.    CCD Bin    ROI: size (center)    Comp.    AEC Buffer    Interval												

XOB #177F: Full Sun - HOP79 - Al/Mesh - Ti/Poly - 4x4 - AEC1												
Term	Pointing (x, y)				Comment							
02/23 13:03:02 - 02/23 13:29:54	Fixed ( -16.0, -932.8)				HOP79 1/20							
02/23 13:33:00 - 02/23 13:59:54	Fixed ( -16.0, -833.2)				2/20							
02/23 14:03:00 - 02/23 14:42:00	Fixed ( -16.0, -733.7)				3/20							
02/23 14:56:00 - 02/23 15:22:54	Fixed ( -16.0, -634.2)				4/20							
02/23 15:26:00 - 02/23 16:16:30	Fixed ( -16.0, -534.6)				5/20							
02/23 16:44:00 - 02/23 17:10:54	Fixed ( -16.0, -435.1)				6/20							
02/23 17:14:00 - 02/23 17:53:30	Fixed ( -16.0, -335.6)				7/20							
02/23 18:20:30 - 02/23 18:47:24	Fixed ( -16.0, -236.0)				8/20							
02/23 18:50:30 - 02/23 19:30:30	Fixed ( -16.0, -136.5)				9/20							
02/23 19:57:30 - 02/23 20:24:26	Fixed ( -16.0, -37.0)				10/20							
02/23 20:37:38 - 02/23 21:07:30	Fixed ( -16.0, 23.0)				11/20							
02/23 21:32:00 - 02/23 22:01:54	Fixed ( -16.0, 122.5)				12/20							
02/23 22:05:00 - 02/23 22:45:00	Fixed ( -16.0, 222.0)				13/20							
02/23 23:10:00 - 02/23 23:36:54	Fixed ( -16.0, 321.6)				14/20							
02/23 23:40:00 - 02/24 00:22:30	Fixed ( -16.0, 421.1)				15/20							
02/24 00:34:30 - 02/24 01:01:24	Fixed ( -16.0, 520.6)				16/20							
02/24 01:04:30 - 02/24 01:46:30	Fixed ( -16.0, 620.2)				17/20							
02/24 02:09:00 - 02/24 02:35:54	Fixed ( -16.0, 719.7)				18/20							
02/24 02:39:00 - 02/24 03:21:30	Fixed ( -16.0, 819.2)				19/20							
02/24 03:46:00 - 02/24 04:19:54	Fixed ( -16.0, 918.8)				20/20							
<b>PROG= 03 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 88 1-time(s) 120.0sec												
└─┬─┬─ Open/Al-mesh Open/thick-Al close Safe Norm 16ms Obs 4x4 2048x2048 (1024, 1024) Q=95 1 0 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Be close Safe Norm 63ms Obs 4x4 2048x2048 (1024, 1024) Q=95 1 0 2.0sec												
Default Filter    Thicker Filter    VLS    mode image    Exp.    CCD Bin    ROI: size (center)    Comp.    AEC Buffer    Interval												

XOB #1772: Synoptic Q95 2x2 - Al/mesh(33/512) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(64/1024) + G-band(16)-												
Term	Pointing (x, y)				Comment							
02/23 20:27:32 - 02/23 20:34:30	Fixed ( -16.0, 23.0)				11/20							
02/24 06:05:30 - 02/24 06:12:24	Fixed ( 0.0, 0.0)				synoptic							
02/24 18:03:00 - 02/24 18:09:54	Fixed ( 0.0, 0.0)				synoptic							
02/25 06:09:30 - 02/25 06:16:24	Fixed ( 0.0, 0.0)				synoptic, shifted 6.5 min							
<b>PROG= 01 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─┬─ Seqn= 19 1-time(s) 4.0sec												
└─┬─┬─ Open/Al-mesh Open/Ti-poly close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─┬─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Seqn= 2 1-time(s) 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec												
└─┬─ Seqn= 62 1-time(s) 4.0sec												
└─┬─┬─ Open/Ti-poly Open/Ti-poly close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Seqn= 11 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Default Filter    Thicker Filter    VLS    mode image    Exp.    CCD Bin    ROI: size (center)    Comp.    AEC Buffer    Interval												

XOB #1780: AR Band during South Polar Monitor - 2084x512 - offset 360 - Ti/Poly - 2x2 - AEC 1												
Term		Pointing (x, y)				Comment						
02/24 13:03:02 - 02/24 17:59:54		Fixed ( -95.0, -810.0)				HOP146						
PROG= 09 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 92 1-time(s) 105.0sec												
Open/Ti-poly		Open/thick-Al		close	Safe	Norm	1.00s	Obs	2x2	2048x512 (1024, 1384)		Q=95 1 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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XOB #1776: Flare Response short exp at first- Dynamics - Thick-Al - Thick-Be - AEC 1 - 384x384 - Q95												
Term		Pointing (x, y)				Comment						
02/23 11:01:02 - 02/23 12:59:54		Track ( -599.8, 643.3) <sup>Ⓜ 02/23 10:54:00</sup>				# OP start + 10min bright point near east limb						
02/23 13:03:02 - 02/23 13:29:54		Fixed ( -16.0, -932.8)				HOP79 1/20						
02/23 13:33:00 - 02/23 13:59:54		Fixed ( -16.0, -833.2)				2/20						
02/23 14:03:00 - 02/23 14:42:00		Fixed ( -16.0, -733.7)				3/20						
02/23 14:56:00 - 02/23 15:22:54		Fixed ( -16.0, -634.2)				4/20						
02/23 15:26:00 - 02/23 16:16:30		Fixed ( -16.0, -534.6)				5/20						
02/23 16:44:00 - 02/23 17:10:54		Fixed ( -16.0, -435.1)				6/20						
02/23 17:14:00 - 02/23 17:53:30		Fixed ( -16.0, -335.6)				7/20						
02/23 18:20:30 - 02/23 18:47:24		Fixed ( -16.0, -236.0)				8/20						
02/23 18:50:30 - 02/23 19:30:30		Fixed ( -16.0, -136.5)				9/20						
02/23 19:57:30 - 02/23 20:24:26		Fixed ( -16.0, -37.0)				10/20						
02/23 20:37:38 - 02/23 21:07:30		Fixed ( -16.0, 23.0)				11/20						
02/23 21:32:00 - 02/23 22:01:54		Fixed ( -16.0, 122.5)				12/20						
02/23 22:05:00 - 02/23 22:45:00		Fixed ( -16.0, 222.0)				13/20						
02/23 23:10:00 - 02/23 23:36:54		Fixed ( -16.0, 321.6)				14/20						
02/23 23:40:00 - 02/24 00:22:30		Fixed ( -16.0, 421.1)				15/20						
02/24 00:34:30 - 02/24 01:01:24		Fixed ( -16.0, 520.6)				16/20						
02/24 01:04:30 - 02/24 01:46:30		Fixed ( -16.0, 620.2)				17/20						
02/24 02:09:00 - 02/24 02:35:54		Fixed ( -16.0, 719.7)				18/20						
02/24 02:39:00 - 02/24 03:21:30		Fixed ( -16.0, 819.2)				19/20						
02/24 03:46:00 - 02/24 04:19:54		Fixed ( -16.0, 918.8)				20/20						
02/24 04:23:02 - 02/24 06:02:24		Track ( 886.3, -307.0) <sup>Ⓜ 02/24 04:20:00</sup>				Track AR11049						
02/24 06:15:32 - 02/24 11:59:54		Track ( 785.0, 388.4) <sup>Ⓜ 02/24 06:12:30</sup>				# Track AR11048						
02/24 12:03:02 - 02/24 12:59:54		Track ( -475.6, 658.8) <sup>Ⓜ 02/24 12:00:00</sup>				Track bright point on east limb for 1hour						
02/24 13:03:02 - 02/24 17:59:54		Fixed ( -95.0, -810.0)				HOP146						
02/24 18:13:02 - 02/24 19:09:54		Track ( -441.2, 662.0) <sup>Ⓜ 02/24 18:10:00</sup>				#Track bright point on east limb for 1hour						
02/24 19:13:02 - 02/25 06:06:24		Fixed ( 890.0, -322.0)				Obs AR11049						
02/25 06:19:32 - 02/25 07:46:30		Track ( -369.6, 667.7) <sup>Ⓜ 02/25 06:16:30</sup>				#Track bright point						
PROG= 11 1-time(s)												
└─ Subr= 1 2-time(s) 2.0sec												
└─ Seqn= 80 15-time(s) 20.0sec												
Open/thick-Al		Open/thick-Al		close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95 1 0 2.0sec
Open/thick-Be		Open/thick-Be		close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95 1 0 2.0sec
└─ Seqn= 35 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
└─ Subr= 2 8-time(s) 2.0sec												
└─ Seqn= 80 15-time(s) 60.0sec												
Open/thick-Al		Open/thick-Al		close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95 1 0 2.0sec
Open/thick-Be		Open/thick-Be		close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95 1 0 2.0sec
└─ Seqn= 35 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
└─ Subr= 3 25-time(s) 2.0sec												
└─ Seqn= 80 1-time(s) 600.0sec												
Open/thick-Al		Open/thick-Al		close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95 1 0 2.0sec
Open/thick-Be		Open/thick-Be		close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95 1 0 2.0sec
└─ Seqn= 35 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

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### Active Region Search

\* \* \* \* \*

NOT USED

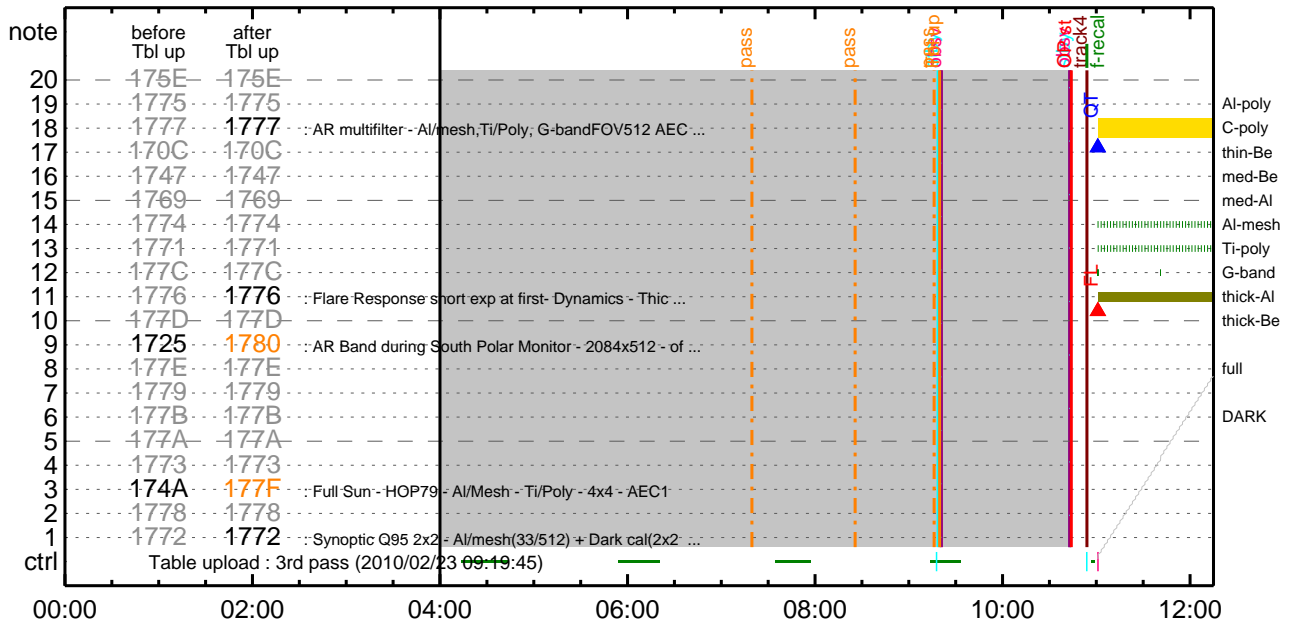
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### Flare Detection

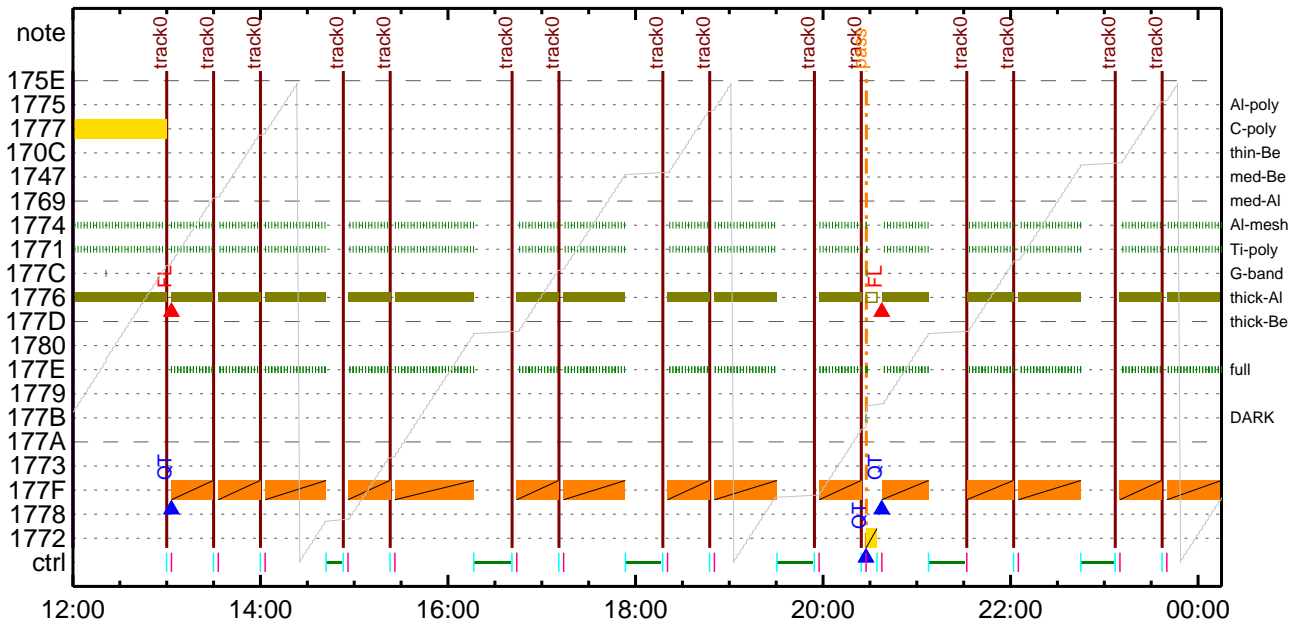
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FLD Patrol												
Term		Pointing (x, y)				Comment						
02/23 10:58:16 - 02/23 20:24:48		Track ( -599.8, 643.3) <sup>Ⓜ 02/23 10:54:00</sup>				# OP start + 10min bright point near east limb						
02/23 20:34:52 - 02/24 06:02:46		Fixed ( -16.0, 23.0)				11/20						
02/24 06:12:46 - 02/24 18:00:16		Track ( 785.0, 388.4) <sup>Ⓜ 02/24 06:12:30</sup>				# Track AR11048						
02/24 18:10:16 - 02/25 06:06:46		Track ( -441.2, 662.0) <sup>Ⓜ 02/24 18:10:00</sup>				#Track bright point on east limb for 1hour						
02/25 06:16:46 - 02/27 11:01:00		Track ( -369.6, 667.7) <sup>Ⓜ 02/25 06:16:30</sup>				#Track bright point						
Open/Ti-poly		Open/thick-Al		close	Safe	Norm	8ms	Obs	8x8			Q=50 120sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

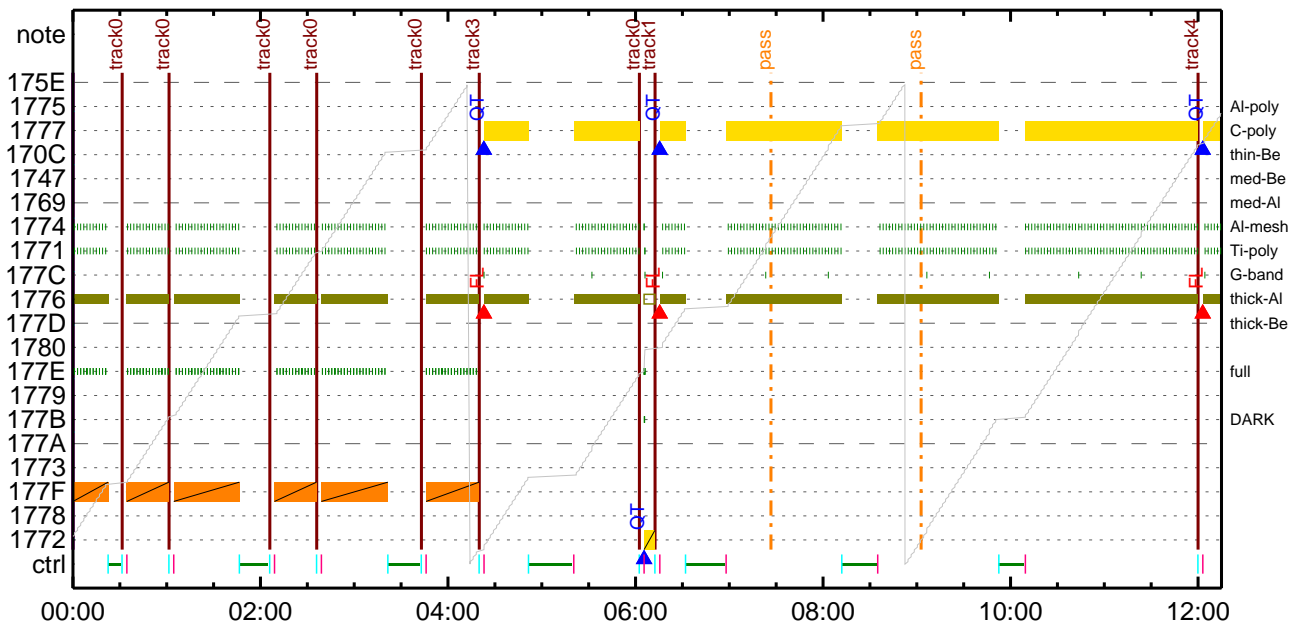
### CMDI #0097 2010/02/23



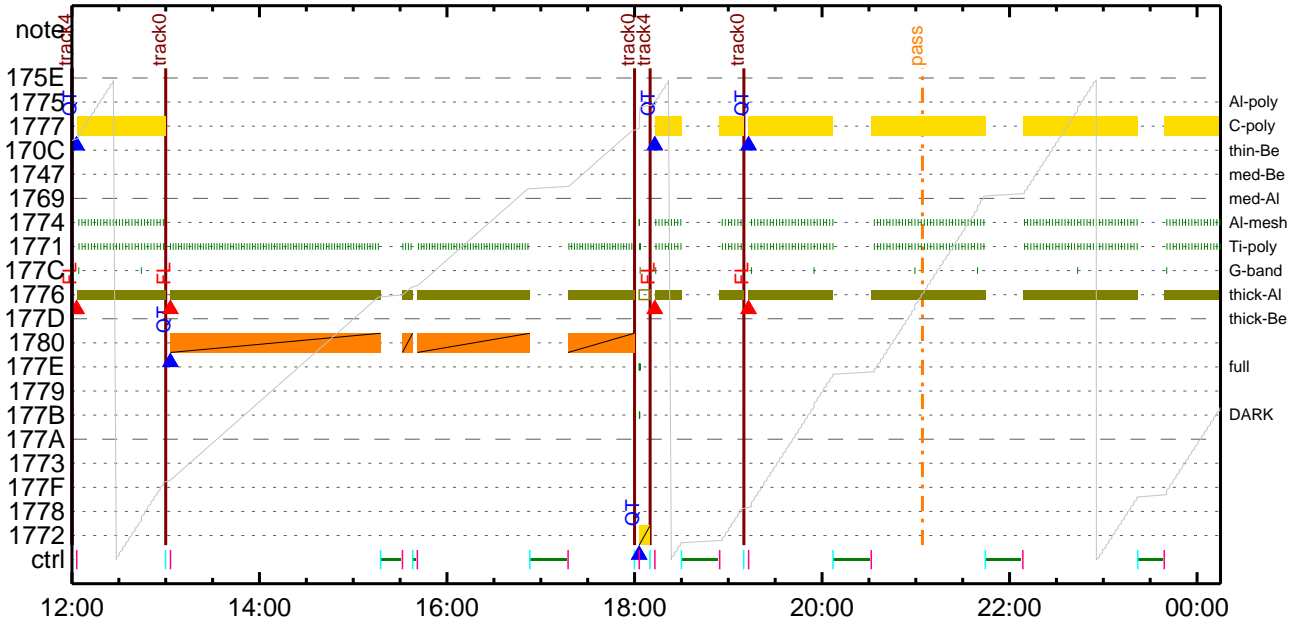
### CMDI #0097 2010/02/23



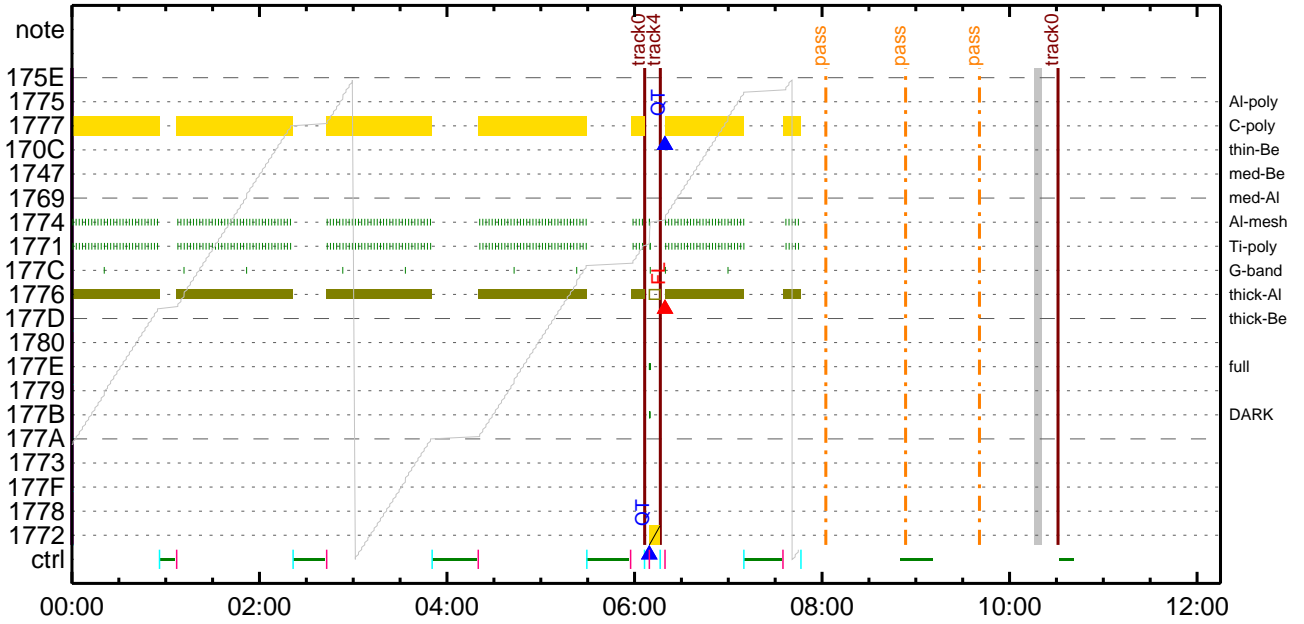
### CMDI #0097 2010/02/24



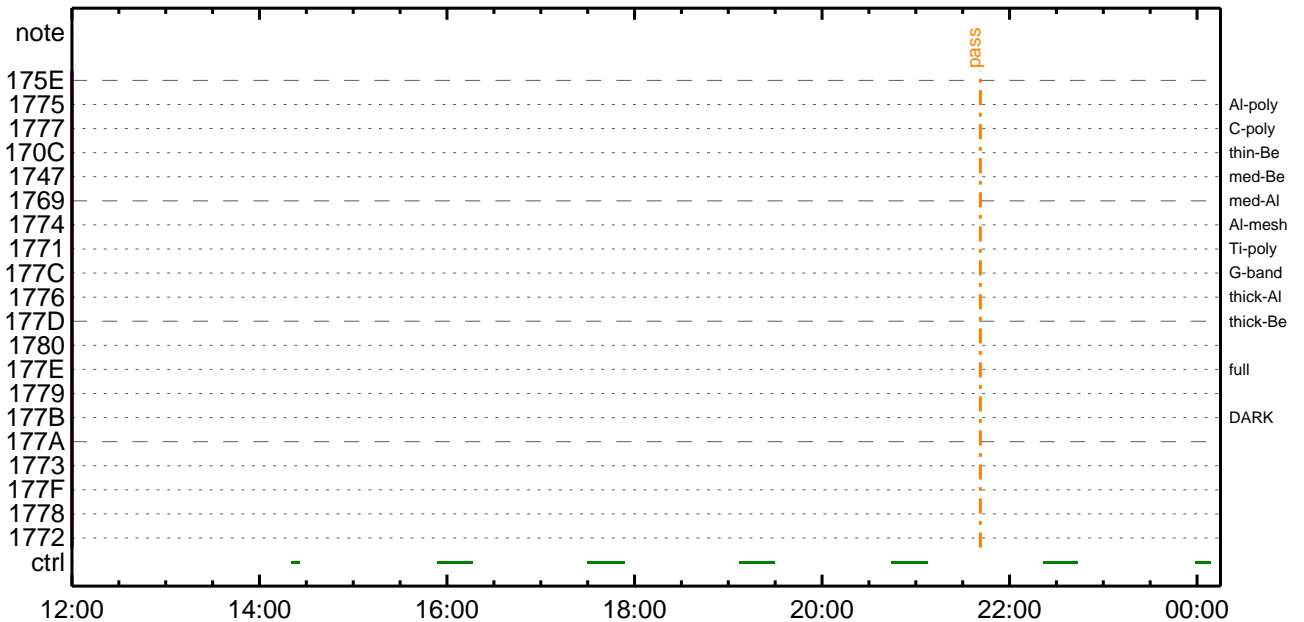
CMDI #0097 2010/02/24



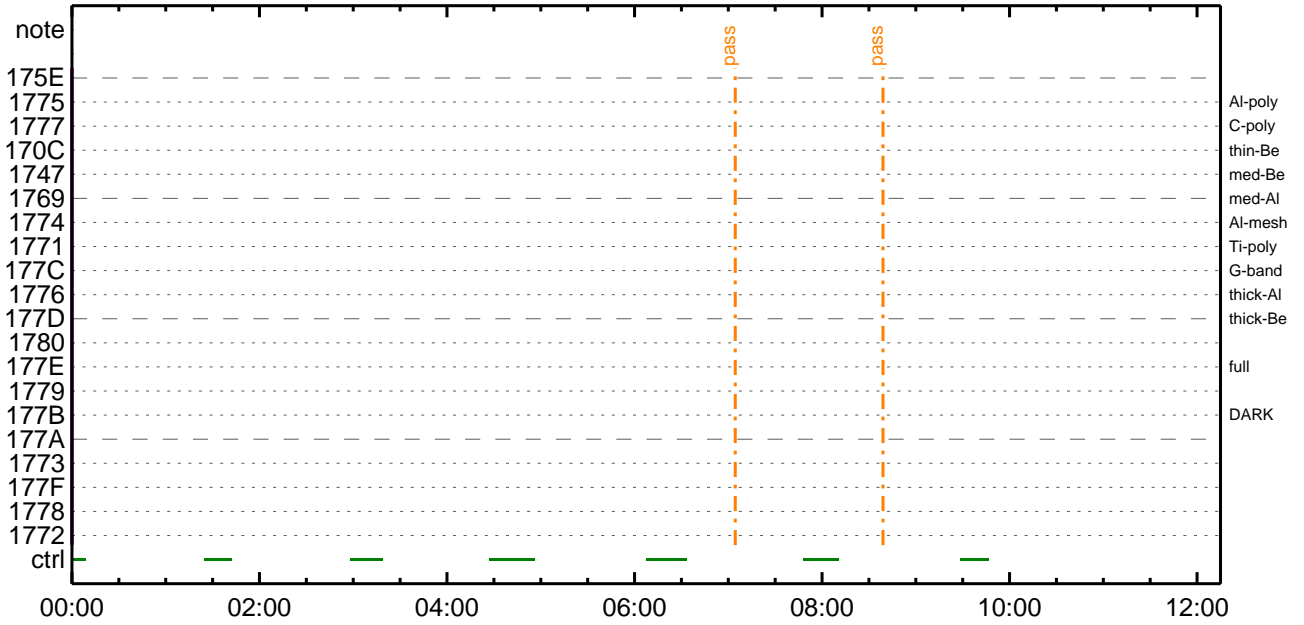
CMDI #0097 2010/02/25



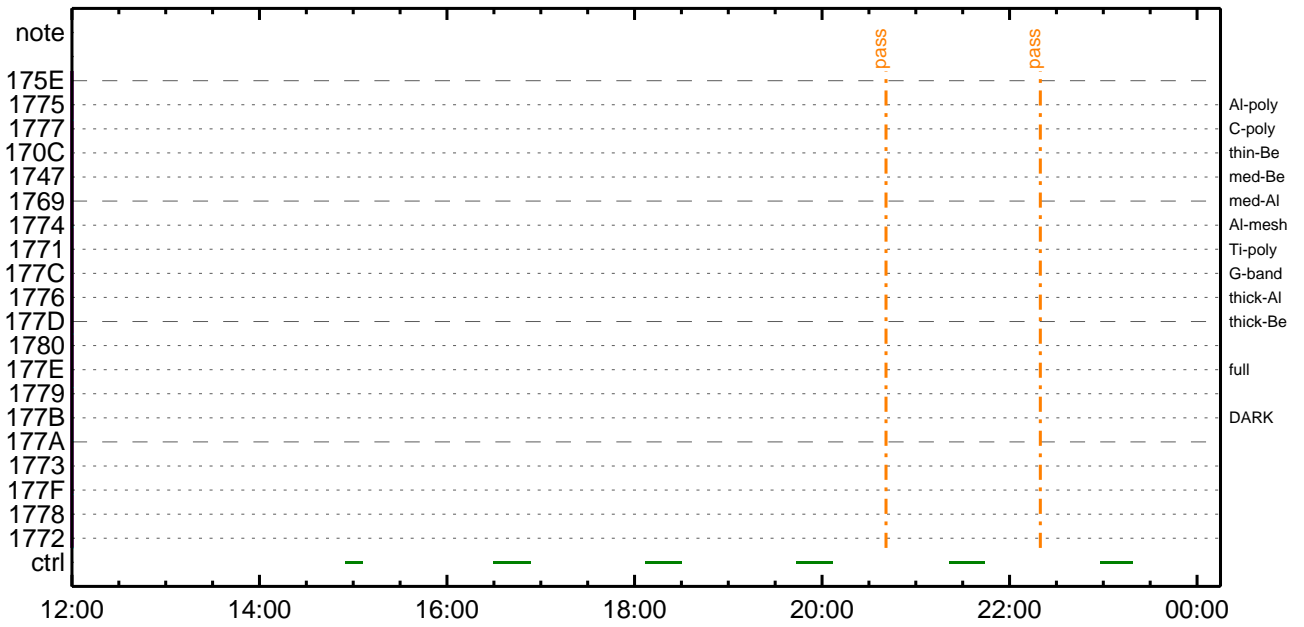
CMDI #0097 2010/02/25



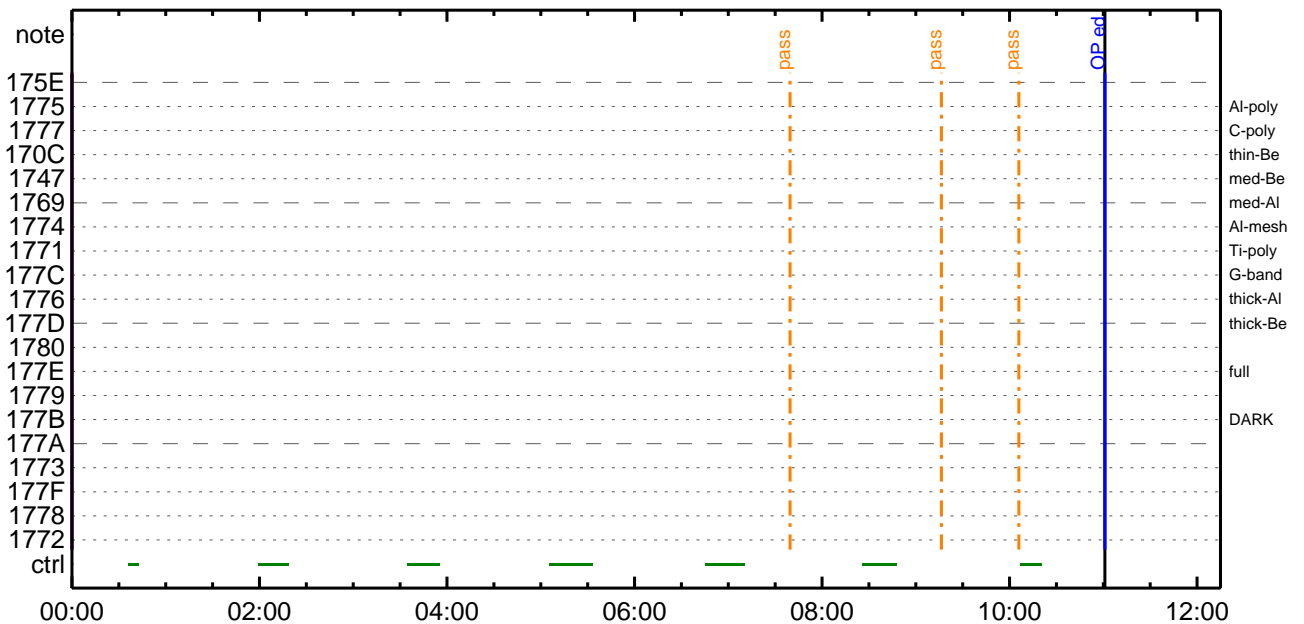
CMDI #0097 2010/02/26



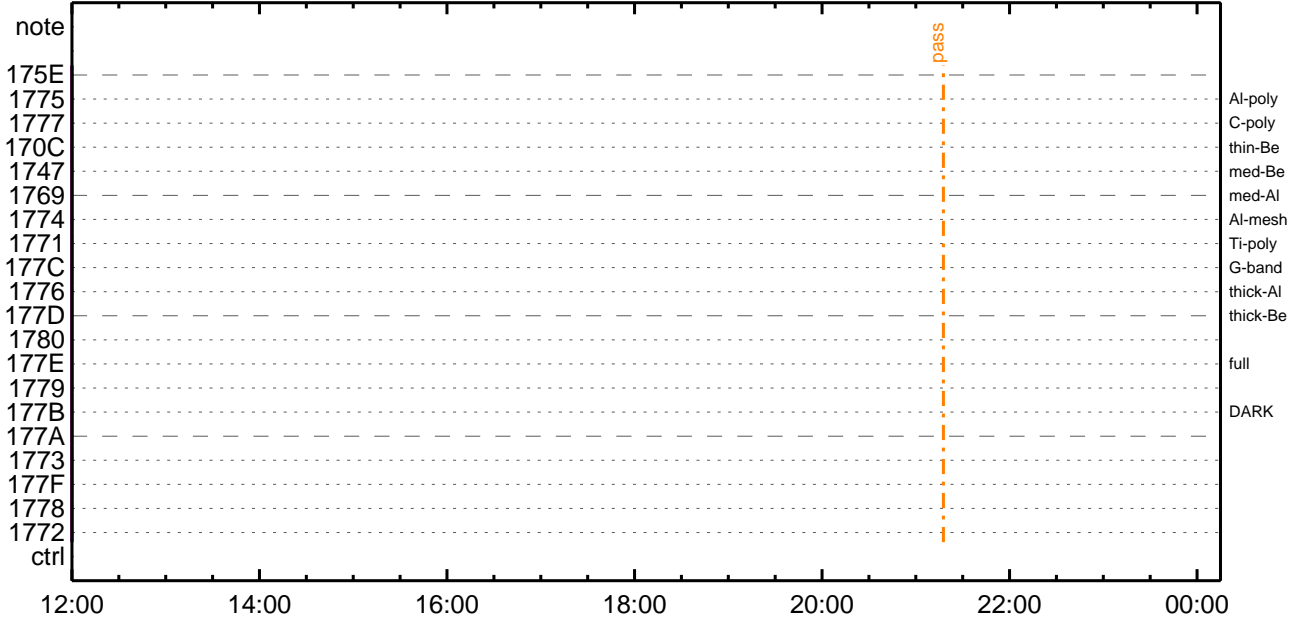
CMDI #0097 2010/02/26



CMDI #0097 2010/02/27



CMDI #0097 2010/02/27









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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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(a) Spacecraft Operation Procedure (real-commands)

```
main-190 2010-02-23 12:18:57 175 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYÿYÁY-¼Ä»Û;ä
0005 C.
0006 C. YÀYÿ;¼Y³YÿYóYÉÄ+¿
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Éð¿ðÄð•µ°Æ»Í×ÁÇóÍYÇYÁY×YÍ;¼YÉ;ÉÈÈ%µ•ííÉ;ÈðÈ%ÇÒð•ð¿¼l¹ÇóÍ;ÇÀ®, ùð¹ðÈððÇÄ+¿ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿µ;ON
0016 C. *****
0017 C. Ç” °ÆÄ, Í×ÈYðáLÒSðÞÇóÍ»Þ´Òðð¹íí, ð•; ÇÉÔÍ×ðÈXÁÓONðí¹ÒðÈð¹ðÈððð³ðÈ;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. XYDÝÓYÉYÍYÁY-¾ÔÄÒð-°ÁÄÈð•ð¿ðé; Ç°È²¼ðí°ÆÄ, ¼È¼Çðð¼Ä¹Òð¹ðé;f
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ÆÄ,
0033 C. *****
0034 C. Ç” RESTART;ÉPT1;Èð•ð¿ð¼¼¹ÇóÍ; Ç°È²¼ðí°ÆÄ¹Òð»ð°; ÇDCBC-150ð¿¿Èðà;f
0035 C.
0036 . C. ;ãPT1°ÆÄ, ³«»Í;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 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 (¼Ä¹Ò, ;¼Ú)
0043 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0044 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYóYÉYÉÄÜÄÛ;ÈÄ•Ä°²óÈð;È, áðí°ÆÄ, °Æ³«;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 (¼Ä¹Ò, ;¼Ú)
0050 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0051 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÆÄ, ð-¼«Æ°Áä»ðð•ð¿, á; Ç°È²¼ðð¼Ä¹Òð¹ðé;f
0055 C. YÇYóYÉYÉÄÜÄÛðÄÄ•Ä°²óÈðð-¼¼¼¼¼¹ÇóÍ´°í»ð¹ðÈðÞÇÄÒðÄ;f
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ÆÄ,
0059 C. *****
0060 C. Ç” RESTART;ÉPT2;Èð•ð¿ð¼¼¹ÇóÍ; Ç°È²¼ðí°ÆÄ¹Òð»ð°; ÇDCBC-151ð¿¿Èðà;f
0061 C.
0062 . C. ;ãPT2°ÆÄ, ³«»Í;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 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 (¼Ä¹Ò, ;¼Ú)
0069 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0070 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYóYÉYÉÄÜÄÛ;ÈÄ•Ä°²óÈð;È, áðí°ÆÄ, °Æ³«;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 (¼Ä¹Ò, ;¼Ú)
0076 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ò, ;¼Ú)
0077 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ò, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÆÄ, Áä»ÿ; ÇXÁ+¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÄ, Áä»ÿ;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
```



(a) Spacecraft Operation Procedure (real-commands)

```
main-191 2010-02-23 12:18:57 138 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁñ•µ°È»Í×ÁÇçíYçYÁY×Yí;¼YÉj;ÈÈèµ•ííÉ;ÈÈÈ¼°ÇÔñ•ñ¿¼í¹çñí;çÀ®, ùñ¹ñèñÞñÇÁ+¿®ñ•ñÈñññ³ñÈ;ñ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-269:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 . C. < Upload DPL table >
0036 C.
0037 C. YçYÁY×Yí;¼YÉñîÁ°ñÈSTS_CHKñðOFFñÈñ¹ñè
0038 C.
0039 . S. RAM ram-271:MDP_DPL
0040 ( )
0041 C.
0042 . C. < Dump RAMID=MDP_DPL >
0043 +. DC 07-F0 MDP_DUMP_FGTBL
0044 BC (82 07 00 38 b8 00 40)
0045 C. -----
0046 C. MDP_DPL verify = OK [ ]
0047 C. -----
0048 C.
0049 C. STS_CHKñðONñÈñ¹ñè
0050 C.
0051 . C. < Update MDP DSC PAR1 >
0052 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0053 BC (4c)
0054 C. MDP_CMD_CODE = F04C0700[ ]
0055 C. MDP_CMD_CNT (count-up 1) [ ]
0056 C. -----
0057 C.
0058 C.
0059 C. *****
0060 C. SOT TI command set
0061 C. *****
0062 C. Execute, after the success of TBL upload.
0063 +. TI 2010-02-23 10:43:18.0
0064 DC 07-F0 MDP_SOT_MODE_OBSV
0065 BC (40)
0066 . C. -----
0067 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0068 C. -----
0069 C.
0070 C.
0071 C. ***** XRT START *****
0072 C.
0073 +. DC 07-F0 MDP_XRT_CTRL_MANU
0074 BC (c1)
0075 + DC 07-F0 MDP_XRT_MODE_STBY
0076 BC (c3)
0077 . C. ----- Success Verify ? OK / NG____
0078 C.
0079 C. XRT Obs. Table Upload
0080 . S. RAM ram-291:MDP_OBS_X
0081 ( )
0082 C.
0083 +. DC 07-F0 MDP_DUMP_XRTTBL
0084 BC (84 07 00 00 00 3a d4)
0085 . C. ----- Comparison Check ? OK / ERR _____
0086 C.
0087 C.
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 01 b1 b1 04 04)
0090 + DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 02 b1 b1 08 08)
0092 + DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 03 b1 b1 08 08)
0094 + DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 04 b1 b1 06 06)
```

```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 06 80 80 08 08)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 07 80 80 20 20)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 08 80 80 20 08)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 09 80 80 08 20)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 0a 80 ad 20 08)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 0f 80 80 06 06)
0108 + DC 07-F0 MDP_XRT_AEC_RESET
0109 BC (d0)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C.
0113 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0114 C.
0115 +. DC 07-F0 MDP_XRT_MODE_OBSV
0116 BC (c2)
0117 +. TI 2010-02-23 10:43:02.0
0118 DC 07-F0 MDP_XRT_MODE_OBSV
0119 BC (c2)
0120 . C. ----- Success Verify ? OK / NG ____
0121 C.
0122 C. ***** XRT END *****
0123 C.
0124 . C. ***** MDP 'ûÃîñî»ö%ÿñÊÂñ¹ñèDCBC•x²è *****
0125 C. (%ã°îÿÓÿÃÿÈÿPÿËÿãÿçÿèñ%¼ññ¼Ã»Ûñ¹ñè)
0126 . S. DC-BC dcbc-402:DCBC
0127 (MDP_known_event)
0128 C.
0129 C.
0130 . C. ***** ÿDÿ¹·Ï Daily±;îÑñÊ'Øñ¹ñèDCBC•x²è *****
0131 . S. DC-BC dcbc-153:DCBC
0132 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0133 C.
0134 C.
0135 . C. ;ãLOSÿÃÿSÿËÿÿ¼Ã»Û;ã
0136 C.
0137 . C. ***** LOS *****
0138 C.
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\*\*\* OP Sequence for XRT \*\*\*

2010/02/23	10:53:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	10:53:56.0	XRT_FOCUS_RECALIBRATE_424_OG [0x1a8]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2010/02/23	10:54:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2010/02/23	10:57:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/02/23	10:58:16.0	XRT_FLD_ENA_449_OG [0x1c1]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/02/23	10:58:18.0	XRT_FLD_RESET_448_OG [0x1c0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	10:58:20.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/02/23	10:58:22.0	XRT_ARS_DIS_432_OG [0x1b0]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/02/23	11:00:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2010/02/23	11:01:00.0	XRT_FL_PROG_SET_431_OG [0x1af]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0b			
2010/02/23	11:01:02.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/23	12:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	12:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2010/02/23	13:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	52	e9	01	68
2010/02/23	13:00:16.0	XRT_FLD_ENA_449_OG [0x1c1]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/02/23	13:00:18.0	XRT_FLD_RESET_448_OG [0x1c0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	13:00:20.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/02/23	13:00:22.0	XRT_ARS_DIS_432_OG [0x1b0]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/02/23	13:02:58.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2010/02/23	13:03:00.0	XRT_FL_PROG_SET_431_OG [0x1af]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0b			
2010/02/23	13:03:02.5	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/23	13:29:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	13:29:56.0	XRT_FLD_RESET_445_OG [0x1bd]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	13:30:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	4a	0c	01	68
2010/02/23	13:33:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/23	13:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	13:59:56.0	XRT_FLD_RESET_445_OG [0x1bd]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	14:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	41	37	01	68
2010/02/23	14:03:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/23	14:42:00.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	14:52:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	14:52:56.0	XRT_FLD_RESET_445_OG [0x1bd]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	14:53:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	38	62	01	68
2010/02/23	14:56:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/23	15:22:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	15:22:56.0	XRT_FLD_RESET_445_OG [0x1bd]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	15:23:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	2f	85	01	68
2010/02/23	15:26:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/23	16:16:30.0	XRT_CTRL_MANU_419_OG [0x1a3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	16:40:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	16:40:56.0	XRT_FLD_RESET_445_OG [0x1bd]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	16:41:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	26	b0	01	68
2010/02/23	16:44:00.0	XRT_CTRL_AUTO_407_OG [0x197]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/23	17:10:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/23	17:10:56.0	XRT_FLD_RESET_445_OG [0x1bd]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/23	17:11:00.0	AOCS_Ore-point_Start_8_OG [0x09e]							

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2010/02/23	17:14:00.0	XRT_CTRL_AUTO_407_OG [0x197]	AOCU_NM	5	02-76	00	1d d2 01 68
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	17:53:30.0	XRT_CTRL_MANU_419_OG [0x1a3]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	18:17:24.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	18:17:26.0	XRT_FLD_RESET_445_OG [0x1bd]		1	07-F0	da	
		MDP_XRT_FLD_RESET		1	07-F0	da	
2010/02/23	18:17:30.0	AOCS_Ore-point_Start_9_OG [0x09f]		5	02-76	00 14 fd 01 68	
		AOCU_NM		5	02-76	00 14 fd 01 68	
2010/02/23	18:20:30.0	XRT_CTRL_AUTO_407_OG [0x197]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	18:47:24.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	18:47:26.0	XRT_FLD_RESET_445_OG [0x1bd]		1	07-F0	da	
		MDP_XRT_FLD_RESET		1	07-F0	da	
2010/02/23	18:47:30.0	AOCS_Ore-point_Start_10_OG [0x0a0]		5	02-76	00 0c 20 01 68	
		AOCU_NM		5	02-76	00 0c 20 01 68	
2010/02/23	18:50:30.0	XRT_CTRL_AUTO_407_OG [0x197]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	19:30:30.0	XRT_CTRL_MANU_419_OG [0x1a3]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	19:54:24.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	19:54:26.0	XRT_FLD_RESET_445_OG [0x1bd]		1	07-F0	da	
		MDP_XRT_FLD_RESET		1	07-F0	da	
2010/02/23	19:54:30.0	AOCS_Ore-point_Start_11_OG [0x0a1]		5	02-76	00 03 4b 01 68	
		AOCU_NM		5	02-76	00 03 4b 01 68	
2010/02/23	19:57:30.0	XRT_CTRL_AUTO_407_OG [0x197]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	20:24:26.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	20:24:28.0	XRT_FOCUS_POSITION_408_OG [0x198]		4	07-F8	22 ff aa 00	
		XRT_FOCUS_POSITION		4	07-F8	22 ff aa 00	
2010/02/23	20:24:30.0	AOCS_Ore-point_Start_12_OG [0x0a2]		5	02-76	00 fd f4 01 68	
		AOCU_NM		5	02-76	00 fd f4 01 68	
2010/02/23	20:24:48.0	XRT_FLD_DIS_409_OG [0x199]		1	07-F0	d9	
		MDP_XRT_FLD_DIS		1	07-F0	d9	
2010/02/23	20:24:50.0	XRT_FLRCTRL_DIS_410_OG [0x19a]		1	07-F0	c9	
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9	
2010/02/23	20:24:52.0	XRT_ARS_DIS_411_OG [0x19b]		1	07-F0	d5	
		MDP_XRT_ARS_DIS		1	07-F0	d5	
2010/02/23	20:27:30.0	XRT_QT_PROG_SET_417_OG [0x1a1]		2	07-F0	c4 01	
		MDP_XRT_QT_PROG_SET		2	07-F0	c4 01	
2010/02/23	20:27:32.5	XRT_CTRL_AUTO_407_OG [0x197]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	20:34:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	20:34:32.0	XRT_FOCUS_POSITION_408_OG [0x198]		4	07-F8	22 ff aa 00	
		XRT_FOCUS_POSITION		4	07-F8	22 ff aa 00	
2010/02/23	20:34:52.0	XRT_FLD_ENA_449_OG [0x1c1]		1	07-F0	d8	
		MDP_XRT_FLD_ENA		1	07-F0	d8	
2010/02/23	20:34:54.0	XRT_FLD_RESET_448_OG [0x1c0]		1	07-F0	da	
		MDP_XRT_FLD_RESET		1	07-F0	da	
2010/02/23	20:34:56.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]		1	07-F0	c8	
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8	
2010/02/23	20:34:58.0	XRT_ARS_DIS_432_OG [0x1b0]		1	07-F0	d5	
		MDP_XRT_ARS_DIS		1	07-F0	d5	
2010/02/23	20:37:34.0	XRT_QT_PROG_SET_405_OG [0x195]		2	07-F0	c4 03	
		MDP_XRT_QT_PROG_SET		2	07-F0	c4 03	
2010/02/23	20:37:36.0	XRT_FL_PROG_SET_431_OG [0x1af]		2	07-F0	c5 0b	
		MDP_XRT_FL_PROG_SET		2	07-F0	c5 0b	
2010/02/23	20:37:38.0	XRT_CTRL_AUTO_407_OG [0x197]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	21:07:30.0	XRT_CTRL_MANU_419_OG [0x1a3]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	21:31:00.0	XRT_Custom_420_OG [0x1a4]		5	02-76	00 f5 1f 01 68	
		AOCU_NM		5	02-76	00 f5 1f 01 68	
2010/02/23	21:32:00.0	AOCS_Ore-point_Start_13_OG [0x0a3]		5	02-76	00 f5 1f 01 68	
		AOCU_NM		5	02-76	00 f5 1f 01 68	
2010/02/23	21:32:00.5	XRT_CTRL_AUTO_416_OG [0x1a0]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	22:01:54.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	22:01:56.0	XRT_FLD_RESET_445_OG [0x1bd]		1	07-F0	da	
		MDP_XRT_FLD_RESET		1	07-F0	da	
2010/02/23	22:02:00.0	AOCS_Ore-point_Start_14_OG [0x0a4]		5	02-76	00 ec 42 01 68	
		AOCU_NM		5	02-76	00 ec 42 01 68	
2010/02/23	22:05:00.0	XRT_CTRL_AUTO_407_OG [0x197]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	22:45:00.0	XRT_CTRL_MANU_419_OG [0x1a3]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	23:06:54.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	23:06:56.0	XRT_FLD_RESET_445_OG [0x1bd]		1	07-F0	da	
		MDP_XRT_FLD_RESET		1	07-F0	da	
2010/02/23	23:07:00.0	AOCS_Ore-point_Start_15_OG [0x0a5]		5	02-76	00 e3 6d 01 68	
		AOCU_NM		5	02-76	00 e3 6d 01 68	
2010/02/23	23:10:00.0	XRT_CTRL_AUTO_407_OG [0x197]		1	07-F0	c0	
		MDP_XRT_CTRL_AUTO		1	07-F0	c0	
2010/02/23	23:36:54.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1	
		MDP_XRT_CTRL_MANU		1	07-F0	c1	
2010/02/23	23:36:56.0	XRT_FLD_RESET_445_OG [0x1bd]		1	07-F0	c1	

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2010/02/23	23:37:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	MDP_XRT_FLD_RESET	1	07-F0	da			
			AOCU_NM	5	02-76	00 da	90	01	68
2010/02/23	23:40:00.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	00:22:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	00:31:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	00:31:26.0	XRT_FLD_RESET_445_OG [0x1bd]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/02/24	00:31:30.0	AOCS_ORe-point_Start_17_OG [0x0a7]	MDP_XRT_FLD_RESET	1	07-F0	da			
			AOCU_NM	5	02-76	00 d1	bb	01	68
2010/02/24	00:34:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	01:01:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	01:01:26.0	XRT_FLD_RESET_445_OG [0x1bd]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	01:01:30.0	AOCS_ORe-point_Start_18_OG [0x0a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2010/02/24	01:04:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
			AOCU_NM	5	02-76	00 c8	de	01	68
2010/02/24	01:46:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	02:05:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	02:05:56.0	XRT_FLD_RESET_445_OG [0x1bd]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	02:06:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]	MDP_XRT_FLD_RESET	1	07-F0	da			
			AOCU_NM	5	02-76	00 c0	09	01	68
2010/02/24	02:09:00.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	02:35:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	02:35:56.0	XRT_FLD_RESET_445_OG [0x1bd]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	02:36:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]	MDP_XRT_FLD_RESET	1	07-F0	da			
			AOCU_NM	5	02-76	00 b7	2c	01	68
2010/02/24	02:39:00.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	03:21:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	03:42:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	03:42:56.0	XRT_FLD_RESET_445_OG [0x1bd]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	03:43:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	MDP_XRT_FLD_RESET	1	07-F0	da			
			AOCU_NM	5	02-76	00 ae	57	01	68
2010/02/24	03:46:00.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	04:19:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	04:19:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	04:20:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97	00	
			AOCU_NM	5	02-76	03 00	00	00	00
2010/02/24	04:20:16.0	XRT_FLD_ENA_449_OG [0x1c1]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/02/24	04:20:18.0	XRT_FLD_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2010/02/24	04:20:20.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da			
2010/02/24	04:20:22.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2010/02/24	04:22:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/02/24	04:23:00.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2010/02/24	04:23:02.5	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0b		
2010/02/24	04:51:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	05:19:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	05:20:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2010/02/24	06:02:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	06:02:26.0	XRT_FOCUS_POSITION_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2010/02/24	06:02:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]	XRT_FOCUS_POSITION	4	07-F8	22 ff	aa	00	
			AOCU_NM	5	02-76	00 00	00	00	00
2010/02/24	06:02:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/02/24	06:02:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2010/02/24	06:02:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2010/02/24	06:05:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2010/02/24	06:05:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01		
2010/02/24	06:12:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			



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2010/02/24	06:12:26.0	XRT_FOCUS_POSITION_413_OG [0x19d]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	06:12:30.0	AOCS_OrE-point_Start_24_OG [0x0ae]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/02/24	06:12:46.0	XRT_FLD_ENA_449_OG [0x1c1]	AOCU_NM	5	02-76	01 00 00 00 00
2010/02/24	06:12:48.0	XRT_FLD_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/02/24	06:12:50.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/02/24	06:12:52.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/02/24	06:15:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/02/24	06:15:30.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/02/24	06:15:32.5	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0b
2010/02/24	06:32:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	06:57:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	06:58:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	08:12:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	08:34:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	08:35:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	09:52:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	10:08:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	10:09:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	11:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	11:59:56.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/02/24	12:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00
2010/02/24	12:00:16.0	XRT_FLD_ENA_449_OG [0x1c1]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/02/24	12:00:18.0	XRT_FLD_RESET_448_OG [0x1c0]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/02/24	12:00:20.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/02/24	12:00:22.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/02/24	12:02:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/02/24	12:03:00.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0b
2010/02/24	12:03:02.5	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	12:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	12:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/02/24	13:00:00.0	AOCS_OrE-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00 48 00 08 72
2010/02/24	13:00:16.0	XRT_FLD_ENA_449_OG [0x1c1]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/02/24	13:00:18.0	XRT_FLD_RESET_448_OG [0x1c0]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/02/24	13:00:20.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/02/24	13:00:22.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/02/24	13:02:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2010/02/24	13:03:00.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0b
2010/02/24	13:03:02.5	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	15:17:30.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	15:30:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	15:31:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	15:38:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	15:40:00.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	15:41:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	16:53:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	17:16:30.0	XRT_Custom_420_OG [0x1a4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	17:17:30.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/24	17:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/24	17:59:56.0	XRT_FOCUS_POSITION_408_OG [0x198]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00

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2010/02/24	18:00:00.0	AOCS_ORe-point_Start_23_OG [0x0ad] AOCU_NM	5	02-76	00	00	00	00	00
2010/02/24	18:00:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/02/24	18:00:18.0	XRT_FLRCTRL_DIS_410_OG [0x19a] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/02/24	18:00:20.0	XRT_ARS_DIS_411_OG [0x19b] MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/02/24	18:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1] MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2010/02/24	18:03:00.0	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/24	18:09:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/24	18:09:56.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/02/24	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	04	00	00	00	00
2010/02/24	18:10:16.0	XRT_FLD_ENA_449_OG [0x1c1] MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/02/24	18:10:18.0	XRT_FLD_RESET_448_OG [0x1c0] MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/24	18:10:20.0	XRT_FLRCTRL_ENA_443_OG [0x1bb] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/02/24	18:10:22.0	XRT_ARS_DIS_432_OG [0x1b0] MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/02/24	18:12:58.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2010/02/24	18:13:00.0	XRT_FL_PROG_SET_431_OG [0x1af] MDP_XRT_FL_PROG_SET	2	07-F0	c5	0b			
2010/02/24	18:13:02.5	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/24	18:30:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/24	18:53:30.5	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/24	18:54:30.5	MDP_XRT_CTRL_AUTO							
2010/02/24	19:09:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/24	19:09:56.0	XRT_FOCUS_POSITION_413_OG [0x19d] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2010/02/24	19:10:00.0	AOCS_ORe-point_Start_26_OG [0x0b0] AOCU_NM	5	02-76	00	1c	9b	b0	e6
2010/02/24	19:10:16.0	XRT_FLD_ENA_449_OG [0x1c1] MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/02/24	19:10:18.0	XRT_FLD_RESET_448_OG [0x1c0] MDP_XRT_FLD_RESET	1	07-F0	da				
2010/02/24	19:10:20.0	XRT_FLRCTRL_ENA_443_OG [0x1bb] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/02/24	19:10:22.0	XRT_ARS_DIS_432_OG [0x1b0] MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/02/24	19:12:58.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2010/02/24	19:13:00.0	XRT_FL_PROG_SET_431_OG [0x1af] MDP_XRT_FL_PROG_SET	2	07-F0	c5	0b			
2010/02/24	19:13:02.5	XRT_CTRL_AUTO_407_OG [0x197] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/02/24	20:07:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/24	20:30:30.0	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/24	20:31:30.0	MDP_XRT_CTRL_AUTO							
2010/02/24	21:44:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/24	22:07:30.0	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/24	22:08:30.0	MDP_XRT_CTRL_AUTO							
2010/02/24	23:22:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/24	23:38:00.0	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/24	23:39:00.0	MDP_XRT_CTRL_AUTO							
2010/02/25	00:56:00.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/25	01:06:00.0	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/25	01:07:00.0	MDP_XRT_CTRL_AUTO							
2010/02/25	02:21:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/25	02:42:00.0	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/25	02:43:00.0	MDP_XRT_CTRL_AUTO							
2010/02/25	03:50:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/25	04:19:00.5	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/25	04:20:00.5	MDP_XRT_CTRL_AUTO							
2010/02/25	05:29:30.0	XRT_CTRL_MANU_419_OG [0x1a3] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/02/25	05:56:30.0	XRT_Custom_420_OG [0x1a4] XRT_CTRL_AUTO_416_OG [0x1a0]	1	07-F0	c0				
2010/02/25	05:57:30.0	MDP_XRT_CTRL_AUTO							
2010/02/25	06:06:24.0	XRT_CTRL_MANU_400_OG [0x190]							

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2010/02/25	06:06:26.0	XRT_FOCUS_POSITION_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FOCUS_POSITION		4	07-F8	22 ff aa 00
2010/02/25	06:06:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 00 00 00 00
2010/02/25	06:06:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/02/25	06:06:48.0	XRT_FLRCTRL_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/02/25	06:06:50.0	XRT_ARS_DIS_411_OG [0x19b]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/02/25	06:09:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2010/02/25	06:09:30.0	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/25	06:16:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/25	06:16:26.0	XRT_FOCUS_POSITION_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/02/25	06:16:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00
2010/02/25	06:16:46.0	XRT_FLD_ENA_449_OG [0x1c1]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/02/25	06:16:48.0	XRT_FLD_RESET_448_OG [0x1c0]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/02/25	06:16:50.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/02/25	06:16:52.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/02/25	06:19:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2010/02/25	06:19:30.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0b
2010/02/25	06:19:32.5	XRT_CTRL_AUTO_407_OG [0x197]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/25	07:10:00.0	XRT_CTRL_MANU_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/25	07:34:00.0	XRT_Custom_420_OG [0x1a4]				
2010/02/25	07:35:00.0	XRT_CTRL_AUTO_416_OG [0x1a0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/02/25	07:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/02/25	10:31:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 00 00 00 00