

XRT Timeline to be uploaded on 2009/02/14

Period: 2009/02/14 09:44:00 - 2009/02/19 10:05:00

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Normal mode

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XOB #1554: Synoptic Q90 2x2 - Al/poly(128/2897) + Dark cal(2048 Q98) + Ti-poly(256/4096) + G-band(16)													
Term	Pointing (x, y)		Comment										
02/14 18:24:00 - 02/14 18:30:54	Fixed (	0.0, 0.0)	synoptic, shifted 21.0 min									
02/15 18:03:00 - 02/15 18:09:54	Fixed (	0.0, 0.0)	synoptic									
02/16 18:02:30 - 02/16 18:09:24	Fixed (	0.0, 0.0)	synoptic, shifted -0.5 min									
PROG= 09 1-time(s)													
└ Subr= 1	1-time(s)	2.0sec											
└ Seqn= 91	1-time(s)	2.0sec											
└ Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Seqn= 48	1-time(s)	2.0sec											
└ Al-poly/Open	Al-poly/Open	close	Safe	Dark	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 65	1-time(s)	2.0sec											
└ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Seqn= 60	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1655: AR Dynamics/ CME watch - thin Be 256x256 - 15s cadence													
Term	Pointing (x, y)		Comment										
02/14 18:34:00 - 02/15 06:06:24	Track (	-403.0, 9.8)	# Cont. ^{02/14 18:31:00}									
PROG= 08 Inf.-time(s)													
└ Subr= 1	1-time(s)	2.0sec											
└ Seqn= 83	6-time(s)	15.0sec											
└ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	256x256	(1024, 1024)	Q=90	1	0	2.0sec
└ Seqn= 84	1-time(s)	10.0sec											
└ thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	1024x1024	(1024, 1024)	Q=95	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1532: Synoptic Q90 2x2 - Al/mesh(128/2048) + Dark cal(512) + Ti-poly(256/4096ms) + G-band(16)													
Term	Pointing (x, y)		Comment										
02/15 06:09:30 - 02/15 06:16:24	Fixed (	0.0, 0.0)	synoptic, shifted 6.5 min									
02/16 06:13:30 - 02/16 06:20:24	Fixed (	0.0, 0.0)	synoptic, shifted 10.5 min									
02/17 05:47:30 - 02/17 05:54:24	Fixed (	0.0, 0.0)	synoptic, shifted -15.5 min									
PROG= 04 1-time(s)													
└ Subr= 1	1-time(s)	2.0sec											
└ Seqn= 22	1-time(s)	2.0sec											
└ Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Seqn= 27	1-time(s)	2.0sec											
└ Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Seqn= 65	1-time(s)	2.0sec											
└ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Open/Ti-poly	Open/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
└ Seqn= 60	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1654: AR Dynamics/ CME watch - thin Be 256x256 - 30s cadence													
Term	Pointing (x, y)		Comment										
02/15 06:19:30 - 02/15 13:59:54	Track (	-300.0, 14.9)	# Cont. ^{02/15 06:16:30}									
02/16 10:23:30 - 02/16 17:34:00	Track (	-40.9, 21.2)	* Resume tracking AR. ^{02/16 10:20:30}									
02/17 05:57:30 - 02/17 09:32:00	Track (	142.6, 20.6)	# Cont. ^{02/17 05:54:30}									
PROG= 05 Inf.-time(s)													
└ Subr= 1	1-time(s)	2.0sec											
└ Seqn= 83	6-time(s)	30.0sec											
└ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	256x256	(1024, 1024)	Q=90	1	0	2.0sec
└ Seqn= 84	1-time(s)	10.0sec											
└ thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	1024x1024	(1024, 1024)	Q=95	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1653: AR Dynamics/ CME watch - thin Be 256x256 - 20s cadence													
Term	Pointing (x, y)		Comment										
02/15 18:13:00 - 02/16 05:33:30	Track (	-191.8, 18.6)	# Track AR 11012. ^{02/15 18:10:00}									
02/16 18:12:30 - 02/17 05:44:24	Track (	32.6, 21.5)	# Cont. ^{02/16 18:09:30}									
PROG= 17 Inf.-time(s)													
└ Subr= 1	1-time(s)	2.0sec											
└ Seqn= 83	6-time(s)	20.0sec											
└ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	256x256	(1024, 1024)	Q=90	1	0	2.0sec

L Seqn= 84 1-time(s) 10.0sec
 L thin-Be/Open med-Be/Open close Safe Norm 5.66s Obs 2x2 1024x1024 (1024, 1024) Q=95 2 0 2.0sec
 Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

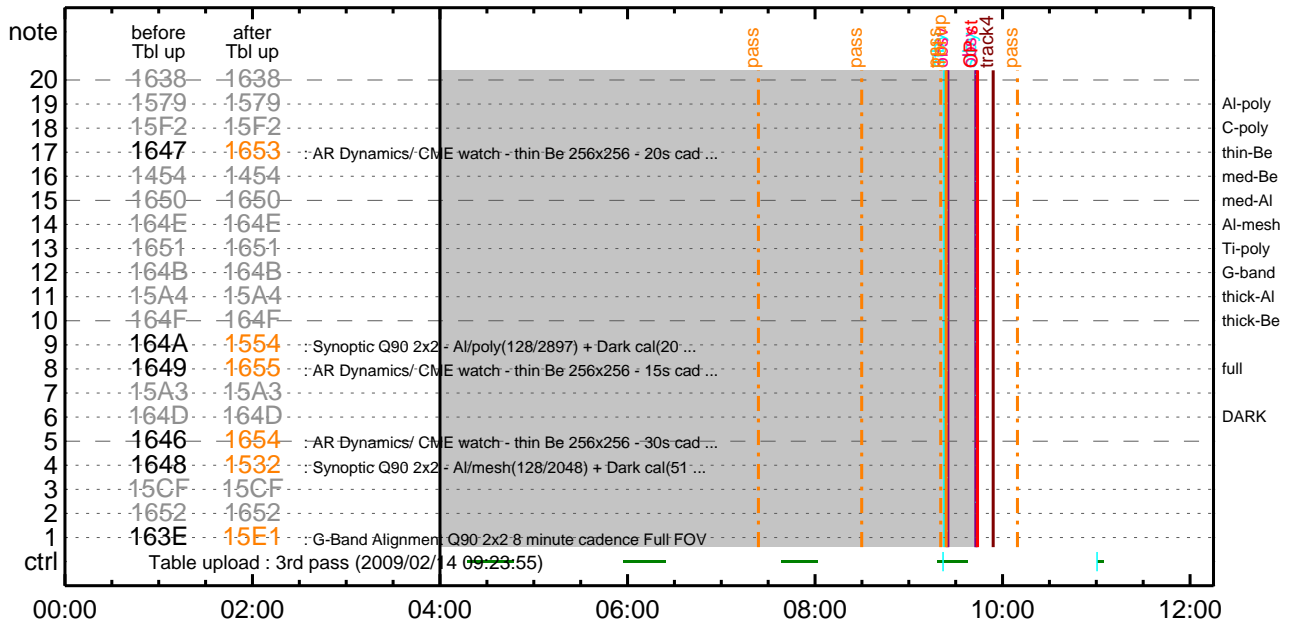
XOB #15E1: G-Band Alignment Q90 2x2 8 minute cadence Full FOV

Term	Pointing (x, y)	Comment
02/16 06:35:30 - 02/16 08:20:24	Fixed (0.0, 945.0)	# Co-alignment offset N.
02/16 08:35:30 - 02/16 10:20:24	Fixed (-945.0, 0.0)	* Co-alignment offset E.

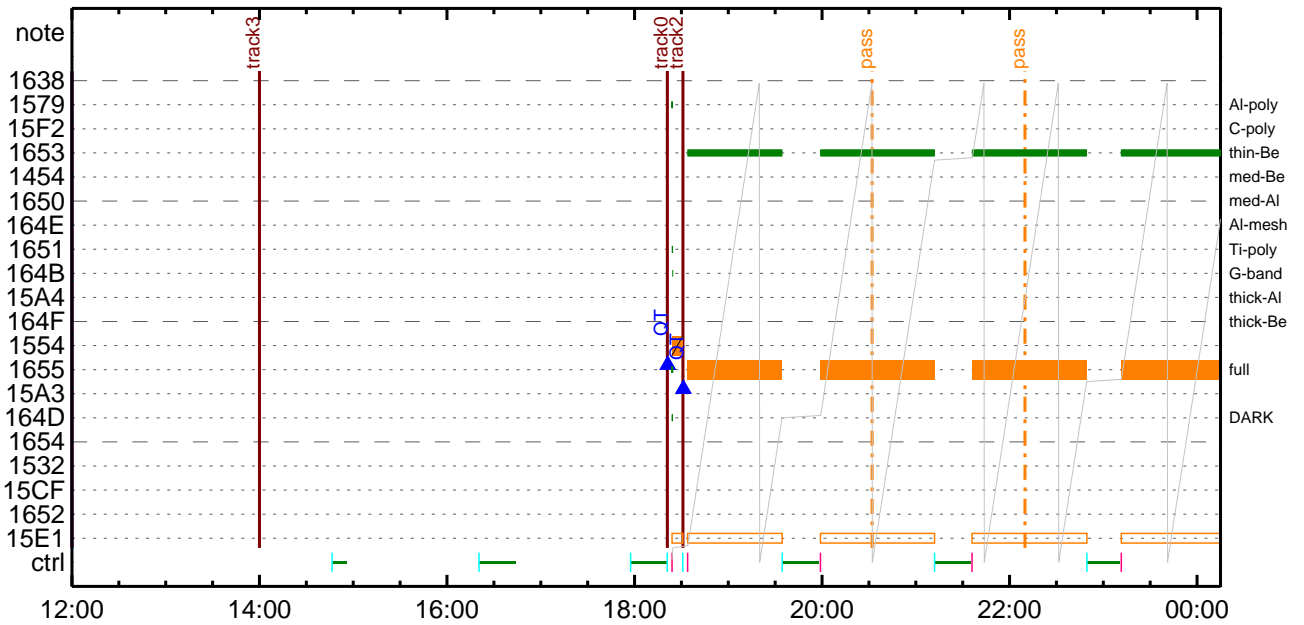
PROG= 01 1-time(s)
 L Subr= 1 1-time(s) 360.0sec
 L Seqn= 54 13-time(s) 480.0sec
 L Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
 Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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

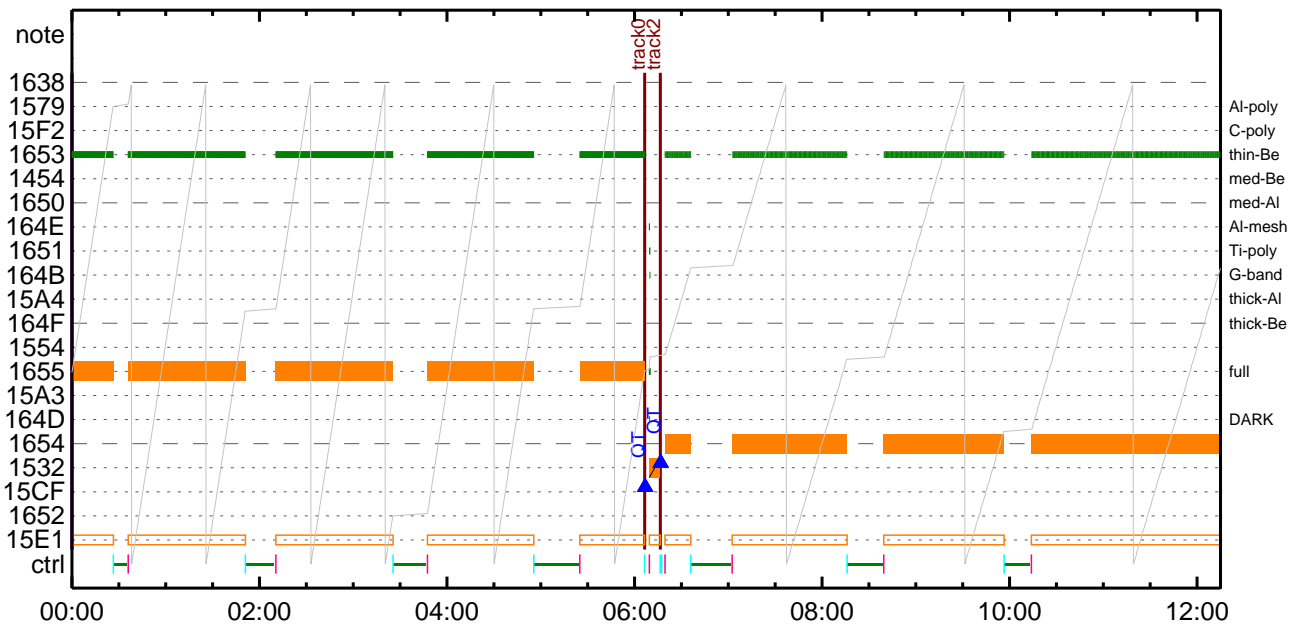
CMDI #0405 2009/02/14



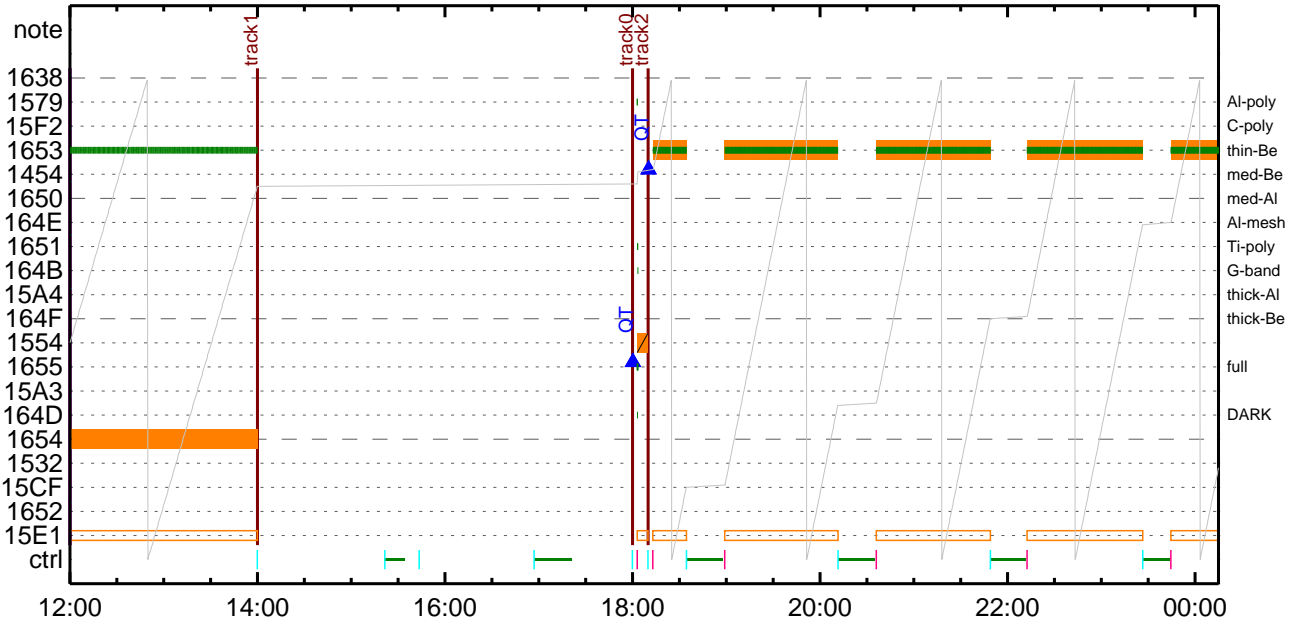
CMDI #0405 2009/02/14



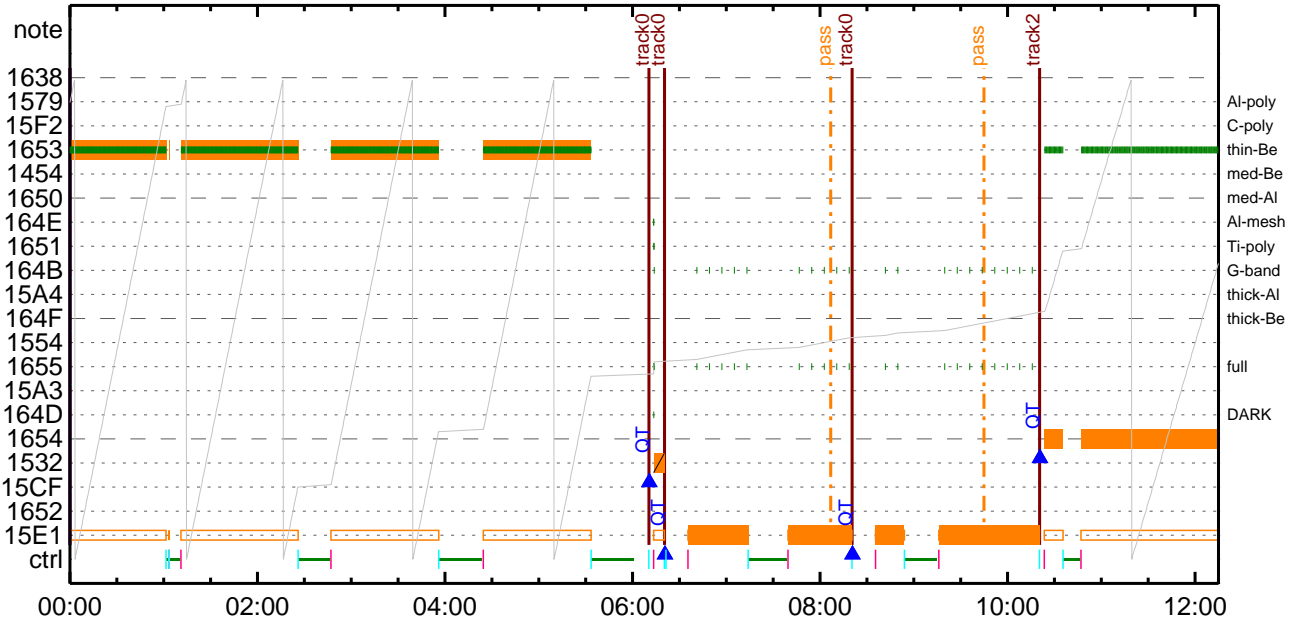
CMDI #0405 2009/02/15



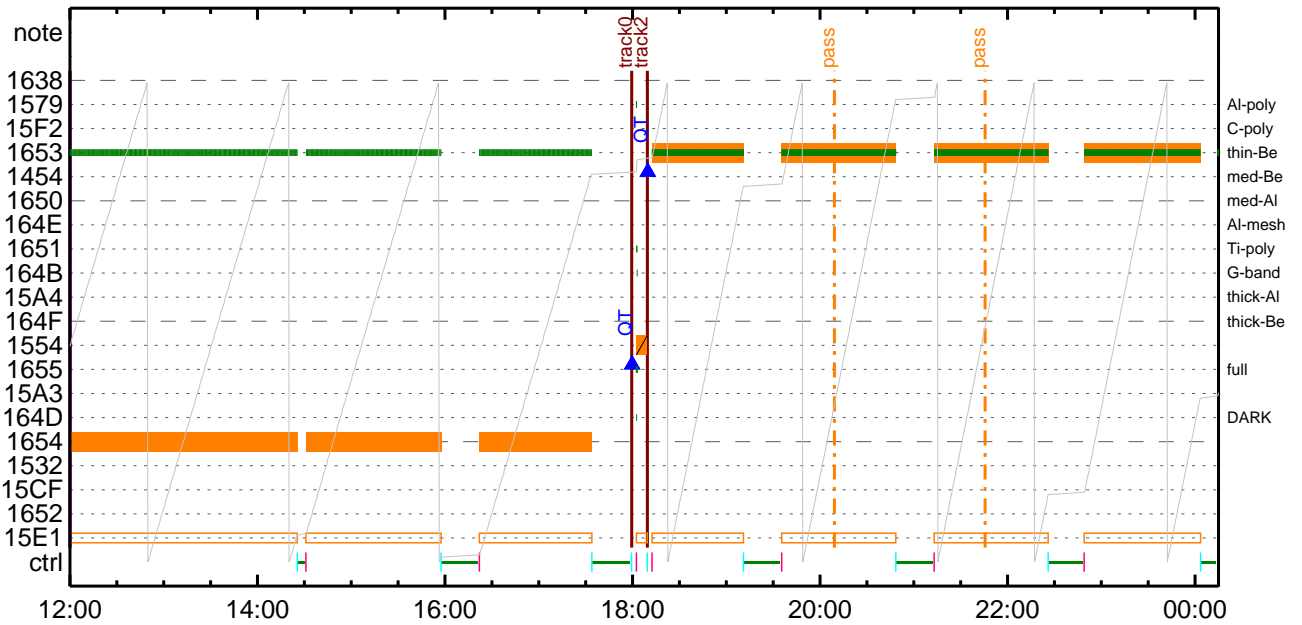
CMDI #0405 2009/02/15



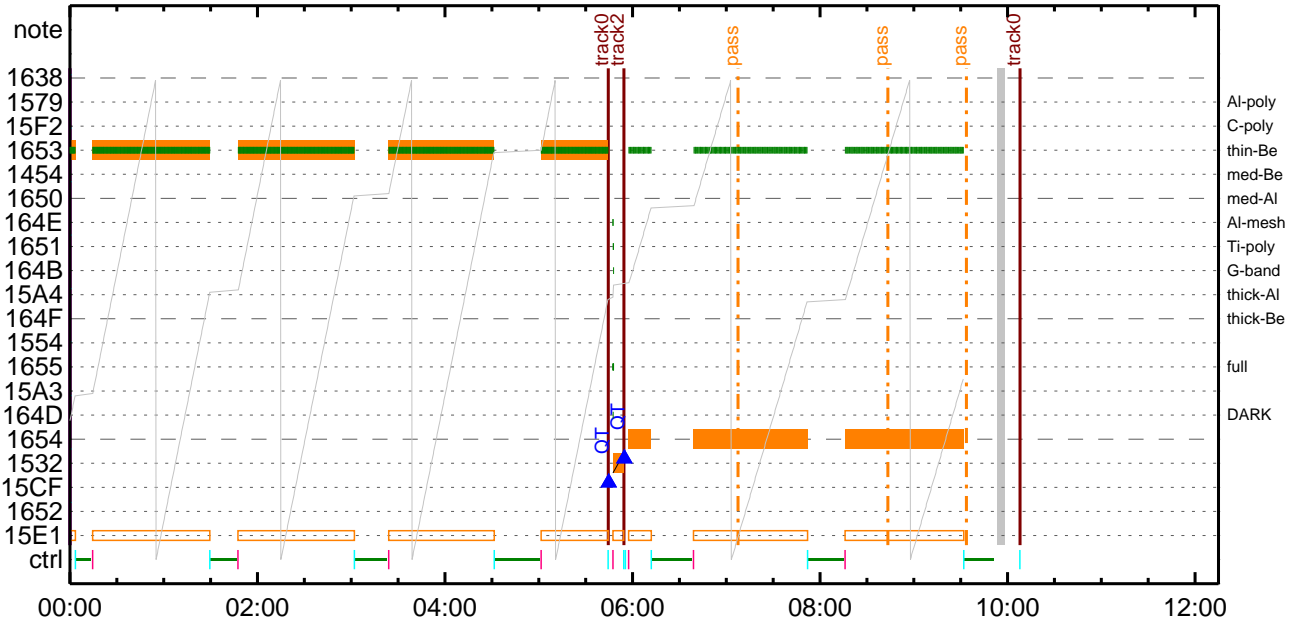
CMDI #0405 2009/02/16



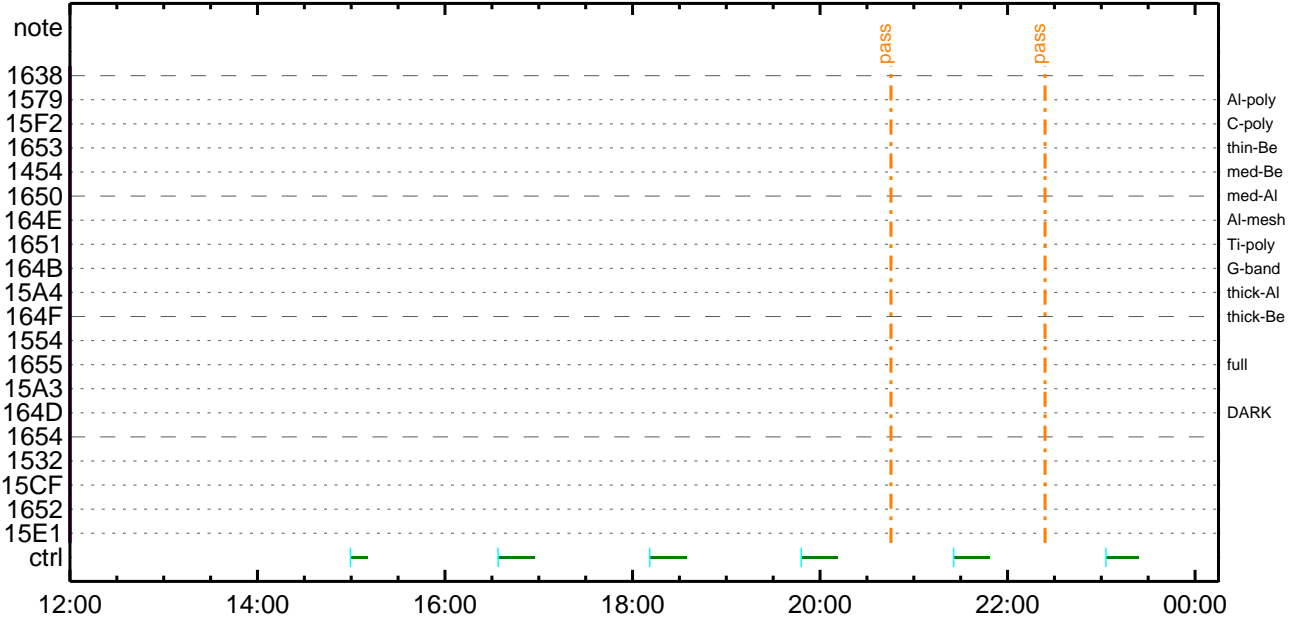
CMDI #0405 2009/02/16



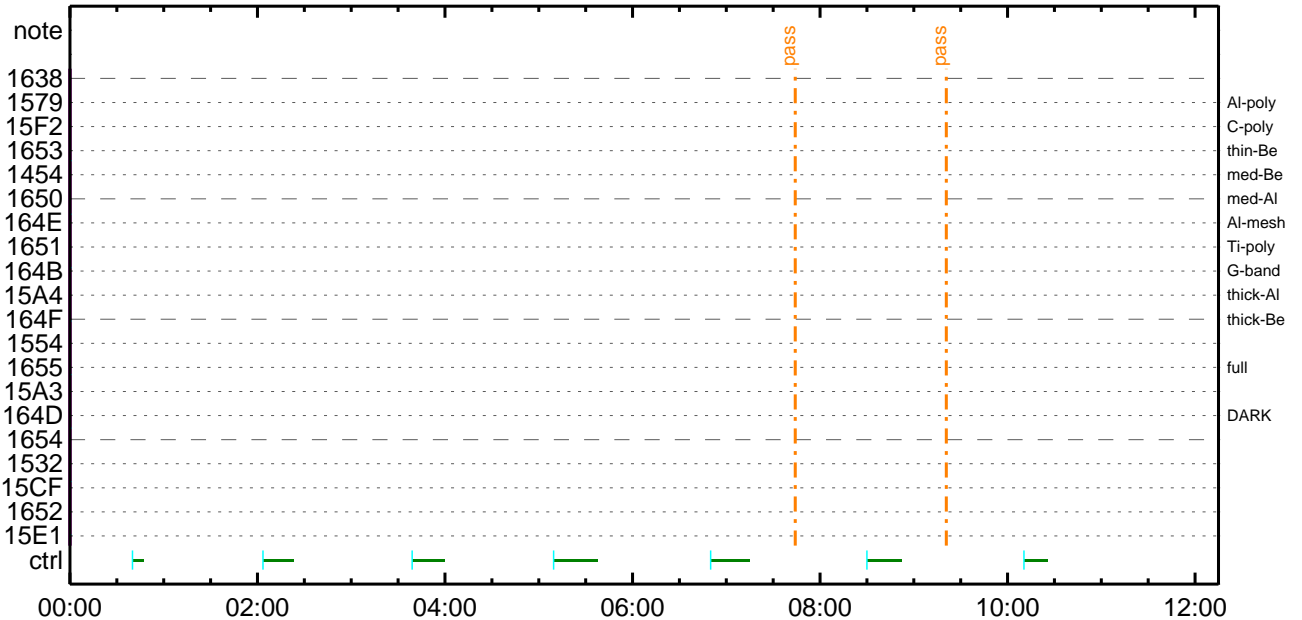
CMDI #0405 2009/02/17



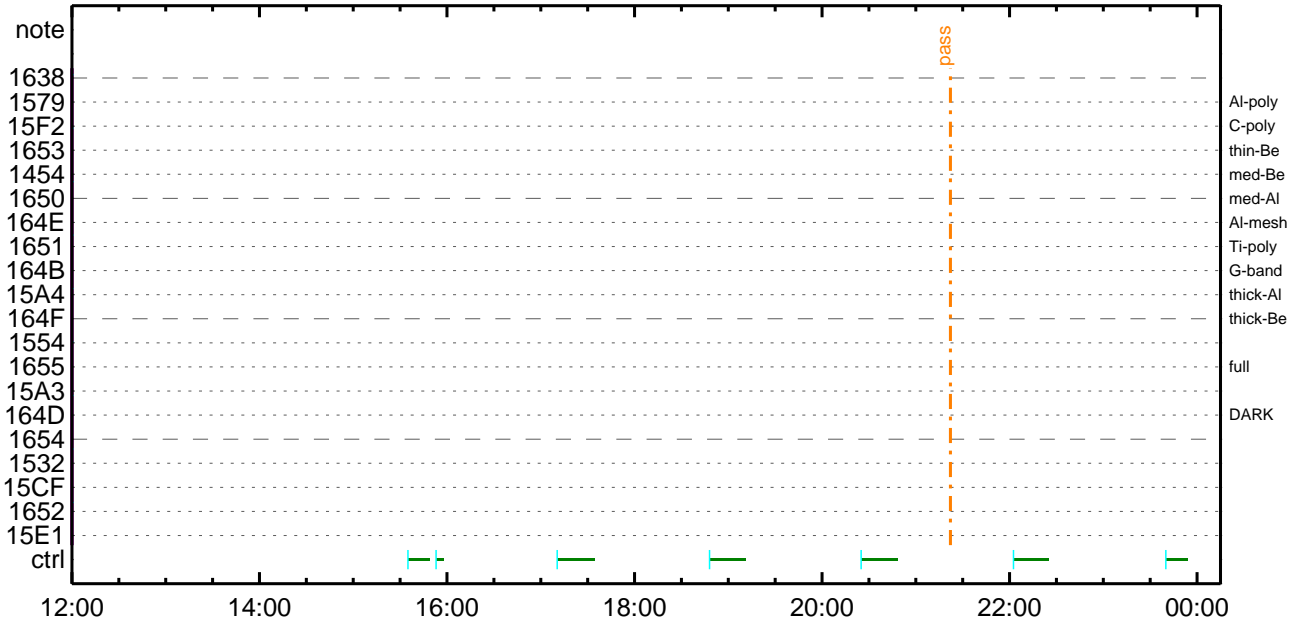
CMDI #0405 2009/02/17



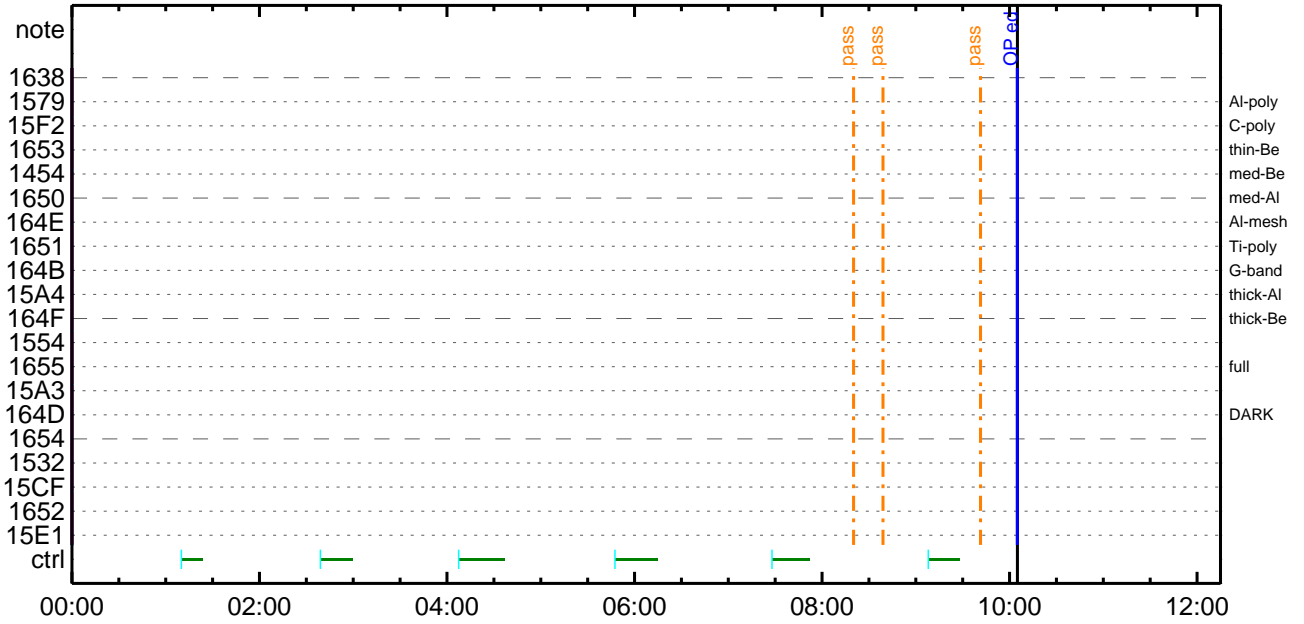
CMDI #0405 2009/02/18



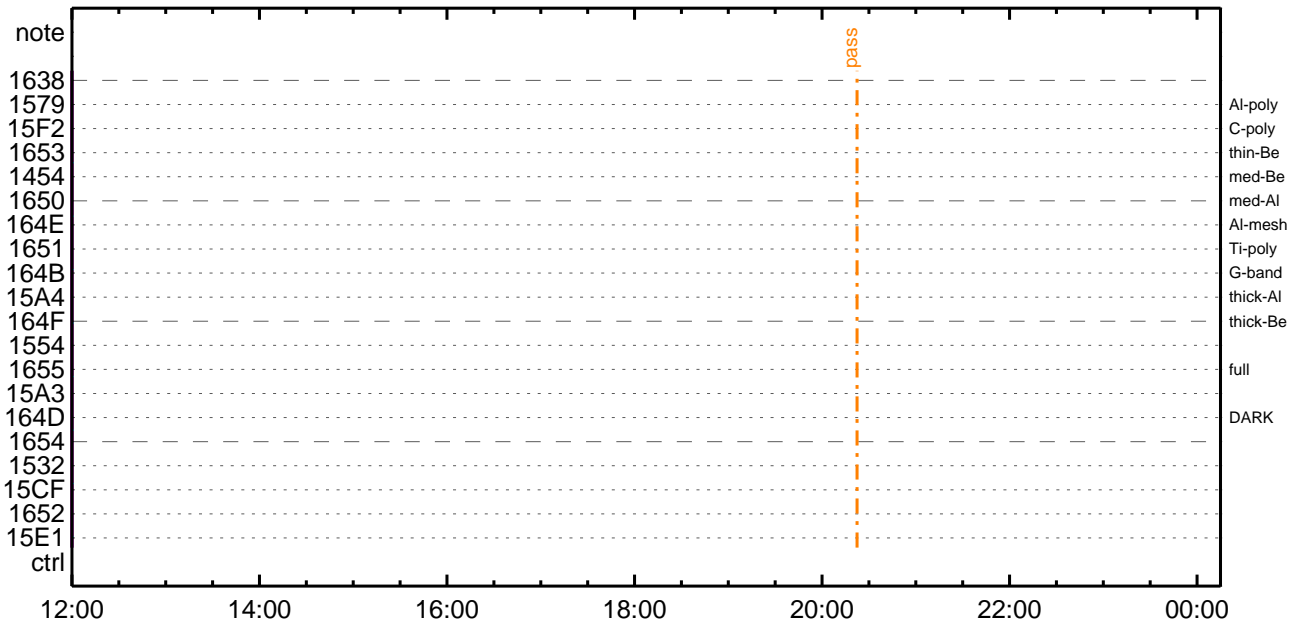
CMDI #0405 2009/02/18



CMDI #0405 2009/02/19



CMDI #0405 2009/02/19




```
0096 C.                01-02-14 09:39:00.0
0097 C.
0098 . C. TI 2009-02-14 09:39:00.0
0099 +. TI 2009-02-14 09:39:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                01-02-14 09:39:01.0
0102 C.
0103 +. TI 2009-02-14 09:39:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                01-02-14 09:39:01.0
0106 C.
0107 +. TI 2009-02-14 09:39:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                01-02-14 09:43:59.5
0110 C.
0111 +. TI 2009-02-14 09:43:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                01-02-14 09:43:59.5
0114 C.
0115 C.                01-02-14 09:43:59.5
0116 C.                01-02-14 09:43:59.5
0117 C.                01-02-14 09:43:59.5
0118 C.                01-02-14 09:43:59.5
0119 C.                01-02-14 09:43:59.5
0120 C.
0121 . C. *****
0122 C. TI 01-02-14 09:43:59.5
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.                01-02-14 09:43:59.5
0129 C.                01-02-14 09:43:59.5
0130 C.                01-02-14 09:43:59.5
0131 C.                01-02-14 09:43:59.5
0132 C.                01-02-14 09:43:59.5
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                01-02-14 09:43:59.5
0136 C.                01-02-14 09:43:59.5
0137 C.                01-02-14 09:43:59.5
0138 C.                01-02-14 09:43:59.5
0139 C.                01-02-14 09:43:59.5
0140 C.
0141 . C. *****
0142 C.                01-02-14 09:43:59.5
0143 C.
0144 . C. RAM ID=TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0145 C.
0146 . C. DHU 01-02-14 09:43:59.5
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                01-02-14 09:43:59.5
0150 C.                01-02-14 09:43:59.5
0151 C.                01-02-14 09:43:59.5
0152 C.                01-02-14 09:43:59.5
0153 C.
0154 . C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2009-02-14 09:43:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2009-02-14 09:43:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 . C.                [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C. *****
0171 C. SOT TI command set
0172 C. *****
0173 C. Execute, after the success of OP upload.
0174 +. TI 2009-02-14 09:43:16.0
0175 DC 07-F0 MDP_SOT_MODE_STBY
0176 BC (41)
0177 . C. -----
0178 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0179 C. -----
0180 C. ***** SOT END *****
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2009-02-14 09:43:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC (c3)
0187 . C.                [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 . C. ***** MDP 01-02-14 09:43:00.0 *****
0192 C. (01-02-14 09:43:00.0)
0193 . S. DC-BC dcbc-402:DCBC
```



```
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.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-415 2009-02-14 13:48:17 128 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFÝÓYÉÁ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Āí;ÈççãAã•μ°È»ÍxÁÇçíYçYÁY×Yí;¼YÉ;ÈÈè%μ•ííÈ;ÈÈÈ¼°ÇÔã•çç¼l¹ççÍ;çÁ®, ùã¹ãèããçÁ+ç®ã•çÈããã³ãÈ;f
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-261: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. < Stop SP table >
0036 +. DC 07-F0 MDP_SP_CTRL_MANU
0037 BC (61)
0038 C. -----
0039 C. MDP_SP_CTRL_MODE = MANU [ ]
0040 C. -----
0041 C.
0042 . C. <Upload SP Observation Table>
0043 . S. RAM ram-283:MDP_OBS_S
0044 ( )
0045 C.
0046 . C. < Dump RAMID=MDP_OBS_S >
0047 +. DC 07-F0 MDP_DUMP_SPTBL
0048 BC (83 07 00 00 00 38 b8)
0049 C. -----
0050 C. MDP_OBS_S verify = OK/NG [ ]
0051 C. -----
0052 C.
0053 C. *****
0054 C. SOT TI command set
0055 C. *****
0056 C. Execute, after the success of TBL upload.
0057 +. TI 2009-02-14 09:43:18.0
0058 DC 07-F0 MDP_SOT_MODE_OBSV
0059 BC (40)
0060 . C. -----
0061 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0062 C. -----
0063 C.
0064 C.
0065 C. ***** XRT START *****
0066 C.
0067 +. DC 07-F0 MDP_XRT_CTRL_MANU
0068 BC (c1)
0069 + DC 07-F0 MDP_XRT_MODE_STBY
0070 BC (c3)
0071 . C. ----- Success Verify ? OK / NG____
0072 C.
0073 C. XRT Obs. Table Upload
0074 . S. RAM ram-291:MDP_OBS_X
0075 ( )
0076 C.
0077 +. DC 07-F0 MDP_DUMP_XRTTBL
0078 BC (84 07 00 00 00 3a d4)
0079 . C. ----- Comparison Check ? OK / ERR ____
0080 C.
0081 C.
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 01 b1 b1 04 04)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 02 b1 b1 08 08)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 03 b1 b1 08 08)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 04 b1 b1 06 06)
0090 + DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 06 80 80 20 20)
0092 + DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 07 80 80 04 04)
0094 + DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 08 80 80 10 10)
```

```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 0f 80 80 04 04)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 10 80 80 10 10)
0100 . C. ----- Success Verify ? OK / NG ____
0101 C.
0102 C.
0103 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0104 C.
0105 +. DC 07-F0 MDP_XRT_MODE_OBSV
0106 BC (c2)
0107 +. TI 2009-02-14 09:43:02.0
0108 DC 07-F0 MDP_XRT_MODE_OBSV
0109 BC (c2)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C. ***** XRT END *****
0113 C.
0114 . C. ***** MDP `úÃîñî»ò¼ŸαĒĀĐα¹αēDCBC•x²è *****
0115 C. (¾á°îŸÓŸĀŸĒŸŸŸĒŸĀŸçŸēαĒ¾¼αα¼Ā»Ūα¹αē)
0116 . S. DC-BC dcbc-402:DCBC
0117 (MDP_known_event)
0118 C.
0119 C.
0120 . C. ***** ŸĐŸ¹•İ Daily±¿İÑαĒ´Øα¹αēDCBC•x²è *****
0121 . S. DC-BC dcbc-153:DCBC
0122 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0123 C.
0124 C.
0125 . C. ¡ãLOSŸĀŸŸŸĀŸ-¼Ā»Ū¡ã
0126 C.
0127 . C. ***** LOS *****
0128 C.
```

Feb 14, 09 13:48

XRT_OGLIST_0405.chk

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*** OP Sequence for XRT ***

2009/02/14	09:54:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2009/02/14	11:00:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	14:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03	00	00	00	00
2009/02/14	14:46:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	16:20:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	17:57:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	18:20:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	18:20:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/02/14	18:21:00.5	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/02/14	18:21:16.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2009/02/14	18:21:18.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/14	18:21:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/14	18:21:22.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/14	18:24:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/14	18:30:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	18:30:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2009/02/14	18:31:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02	00	00	00	00
2009/02/14	18:31:16.0	XRT_QT_PROG_SET_412_OG [0x19c]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2009/02/14	18:31:18.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/14	18:31:20.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/14	18:31:22.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/14	18:31:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/14	18:34:00.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/14	19:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	19:58:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/14	19:59:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/14	21:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	21:35:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/14	21:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/14	22:49:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/14	23:10:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/14	23:11:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/15	00:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/15	00:35:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/15	00:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/15	01:51:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/15	02:09:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/15	02:10:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/15	03:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/15	03:46:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/15	03:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/15	04:55:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/15	05:24:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/15	05:25:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/15	06:06:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/15	06:06:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2009/02/15	06:06:30.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2009/02/15	06:06:46.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2009/02/15	06:06:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				

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2009/02/15	06:06:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/02/15	06:06:52.0	XRT_ARS_DIS_410_OG [0x19a]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/02/15	06:09:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	06:16:24.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	06:16:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/02/15	06:16:30.0	AOCS_OrE-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	02 00 00 00 00			
2009/02/15	06:16:46.0	XRT_QT_PROG_SET_402_OG [0x192]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2009/02/15	06:16:48.0	XRT_AEC_RESET_415_OG [0x19f]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/02/15	06:16:50.0	XRT_ARS_DIS_422_OG [0x1a6]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/02/15	06:16:52.0	XRT_FLD_DIS_445_OG [0x1bd]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/02/15	06:16:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/02/15	06:17:24.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	06:19:30.0	XRT_CTRL_AUTO_403_OG [0x193]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	06:36:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	07:01:30.0	XRT_Custom_430_OG [0x1ae]						
2009/02/15	07:02:30.5	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	08:16:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	08:38:30.0	XRT_Custom_430_OG [0x1ae]						
2009/02/15	08:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	09:56:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	10:13:00.0	XRT_Custom_430_OG [0x1ae]						
2009/02/15	10:14:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	13:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	14:00:00.0	AOCS_OrE-point_Start_5_OG [0x09b]						
		AOCU_NM	5	02-76	01 00 00 00 00			
2009/02/15	15:21:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	15:43:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	16:57:00.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	17:59:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	17:59:56.0	XRT_FOCUS_POSITION_442_OG [0x1ba]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2009/02/15	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2009/02/15	18:00:16.0	XRT_QT_PROG_SET_407_OG [0x197]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09			
2009/02/15	18:00:18.0	XRT_FLD_DIS_419_OG [0x1a3]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/02/15	18:00:20.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/02/15	18:00:22.0	XRT_ARS_DIS_410_OG [0x19a]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/02/15	18:03:00.0	XRT_CTRL_AUTO_444_OG [0x1bc]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	18:09:54.0	XRT_CTRL_MANU_428_OG [0x1ac]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2009/02/15	18:10:00.0	AOCS_OrE-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	02 00 00 00 00			
2009/02/15	18:10:16.0	XRT_QT_PROG_SET_423_OG [0x1a7]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2009/02/15	18:10:18.0	XRT_AEC_RESET_415_OG [0x19f]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2009/02/15	18:10:20.0	XRT_ARS_DIS_422_OG [0x1a6]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2009/02/15	18:10:22.0	XRT_FLD_DIS_445_OG [0x1bd]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2009/02/15	18:10:24.0	XRT_FLRCTRL_DIS_406_OG [0x196]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2009/02/15	18:13:00.0	XRT_CTRL_AUTO_403_OG [0x193]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	18:34:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	18:58:00.0	XRT_Custom_430_OG [0x1ae]						
2009/02/15	18:59:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2009/02/15	20:11:30.0	XRT_CTRL_MANU_435_OG [0x1b3]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2009/02/15	20:35:00.0	XRT_Custom_430_OG [0x1ae]						

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2009/02/15	20:36:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/15	21:49:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/15	22:11:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/15	22:12:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/15	23:26:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/15	23:43:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/15	23:44:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	01:01:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	01:02:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/16	01:03:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	01:03:30.5	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	01:10:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/16	01:11:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	02:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	02:46:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/16	02:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	03:56:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	04:23:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/16	04:24:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	05:33:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	06:10:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	06:10:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/02/16	06:10:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/16	06:10:46.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2009/02/16	06:10:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/16	06:10:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/16	06:10:52.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/16	06:13:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	06:20:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	06:20:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/16	06:20:30.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 ac 00 00 00				
2009/02/16	06:20:46.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2009/02/16	06:20:48.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/16	06:20:50.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/16	06:20:52.0	XRT_FLRCTRL_DIS_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/16	06:21:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	06:35:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	07:14:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	07:38:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/16	07:39:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	08:20:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	08:20:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/16	08:20:30.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 54 00				
2009/02/16	08:20:46.0	XRT_QT_PROG_SET_400_OG [0x190]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2009/02/16	08:20:48.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/16	08:20:50.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/16	08:20:52.0	XRT_FLRCTRL_DIS_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/16	08:35:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/16	08:54:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/16	09:15:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/16	09:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							

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2009/02/16	10:20:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	10:20:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	10:20:30.0	AOCS_Orе-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/02/16	10:20:46.0	XRT_QT_PROG_SET_402_OG [0x192]	AOCU_NM	5	02-76	02 00 00 00 00
2009/02/16	10:20:48.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2009/02/16	10:20:50.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2009/02/16	10:20:52.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/02/16	10:20:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/02/16	10:23:30.0	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/02/16	10:35:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	10:46:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	10:47:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	14:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	14:30:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	14:31:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	15:57:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	16:21:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	16:22:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	17:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	17:59:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	17:59:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	17:59:30.0	AOCS_Orе-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2009/02/16	17:59:46.0	XRT_QT_PROG_SET_407_OG [0x197]	AOCU_NM	5	02-76	00 00 00 00 00
2009/02/16	17:59:48.0	XRT_FLD_DIS_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2009/02/16	17:59:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/02/16	17:59:52.0	XRT_ARS_DIS_410_OG [0x19a]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/02/16	18:02:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/02/16	18:09:24.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	18:09:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	18:09:30.0	AOCS_Orе-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2009/02/16	18:09:46.0	XRT_QT_PROG_SET_423_OG [0x1a7]	AOCU_NM	5	02-76	02 00 00 00 00
2009/02/16	18:09:48.0	XRT_AEC_RESET_415_OG [0x19f]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2009/02/16	18:09:50.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_AEC_RESET	1	07-F0	d0
2009/02/16	18:09:52.0	XRT_FLD_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2009/02/16	18:09:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9
2009/02/16	18:12:30.5	XRT_CTRL_AUTO_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2009/02/16	19:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	19:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	19:35:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	20:48:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	21:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	21:13:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	22:26:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/16	22:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/16	22:49:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/17	00:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/17	00:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/17	00:14:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/17	01:29:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2009/02/17	01:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2009/02/17	01:47:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/17	03:02:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	03:23:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/17	03:24:00.5	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/17	04:31:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	05:00:30.0	XRT_Custom_430_OG [0x1ae]							
2009/02/17	05:01:30.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/17	05:44:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	05:44:26.0	XRT_FOCUS_POSITION_442_OG [0x1ba]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2009/02/17	05:44:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/17	05:44:46.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2009/02/17	05:44:48.0	XRT_FLD_DIS_419_OG [0x1a3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/17	05:44:50.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/17	05:44:52.0	XRT_ARS_DIS_410_OG [0x19a]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/17	05:47:30.0	XRT_CTRL_AUTO_444_OG [0x1bc]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/17	05:54:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	05:54:26.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2009/02/17	05:54:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2009/02/17	05:54:46.0	XRT_QT_PROG_SET_402_OG [0x192]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2009/02/17	05:54:48.0	XRT_AEC_RESET_415_OG [0x19f]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2009/02/17	05:54:50.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2009/02/17	05:54:52.0	XRT_FLD_DIS_445_OG [0x1bd]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2009/02/17	05:54:54.0	XRT_FLRCTRL_DIS_406_OG [0x196]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2009/02/17	05:55:24.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	05:57:30.0	XRT_CTRL_AUTO_403_OG [0x193]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/17	06:12:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	06:38:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/17	06:39:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/17	07:52:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	08:15:00.0	XRT_Custom_430_OG [0x1ae]							
2009/02/17	08:16:00.0	XRT_CTRL_AUTO_432_OG [0x1b0]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2009/02/17	09:32:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	10:07:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	10:08:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2009/02/17	14:59:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	16:34:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	18:11:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	19:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	21:25:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/17	23:03:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	00:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	02:03:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	03:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	05:09:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	06:50:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	08:30:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	10:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	15:35:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2009/02/18	15:53:00.0	XRT_CTRL_MANU_435_OG [0x1b3]							

2009/02/18	17:10:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/18	18:48:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/18	20:25:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/18	22:02:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/18	23:40:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/19	01:10:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/19	02:39:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/19	04:07:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/19	05:47:30.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/19	07:28:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2009/02/19	09:08:00.0	XRT_CTRL_MANU_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1