

# XRT Timeline to be uploaded on 2010/07/24

Period: 2010/07/24 09:28:00 - 2010/07/29 10:23:00

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Normal mode

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XOB #17D3: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384-ROI centered												
Term	Pointing (x, y)							Comment				
07/24 10:11:34 - 07/24 17:40:54	Fixed ( 0.0, 907.0)	# OP start + 10min; HOP81 (N-Pole) from 10:10 UT for 6 hours										
07/25 10:48:00 - 07/25 17:54:54	Fixed ( 0.0, -968.0)	# HOP81 (S-Pole) for 6 hours										
<b>PROG= 20 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 23 1-time(s) 2.0sec												
└─┬─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec												
└─┬─ Subr= 2 30-time(s) 2.0sec												
└─┬─ Seqn= 24 2-time(s) 30.0sec												
└─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 4.00s Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec												
└─┬─ Open/Ti-poly Open/Ti-poly close Safe Norm 8.00s Obs 1x1 384x384 (1024, 1024) Q=90 0 0 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #17B9: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + G-band(16)												
Term	Pointing (x, y)							Comment				
07/24 17:44:00 - 07/24 20:50:54	Fixed ( 0.0, 0.0)	synoptic, shifted -19.0 min; Plus 3 hours of SOT D/C tracking from 17:51 UT										
07/25 06:03:00 - 07/25 06:09:54	Fixed ( 0.0, 0.0)	synoptic										
07/25 17:58:00 - 07/25 18:04:54	Fixed ( 0.0, 0.0)	synoptic, shifted -5.0 min										
07/26 06:36:00 - 07/26 06:42:54	Fixed ( 0.0, 0.0)	synoptic, shifted 33.0 min										
07/26 18:17:30 - 07/26 18:23:24	Fixed ( 0.0, 0.0)	synoptic, shifted 14.5 min										
07/27 06:03:00 - 07/27 06:09:54	Fixed ( 0.0, 0.0)	synoptic										
<b>PROG= 03 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─┬─ Seqn= 7 1-time(s) 4.0sec												
└─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Seqn= 5 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= 8 1-time(s) 4.0sec												
└─┬─ Open/Ti-poly Open/Ti-poly close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Open/Ti-poly Open/Ti-poly close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─ Seqn= 4 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 #16AC: G-Band Alignment with North Pole Q90 2x2(G-band only) - 5min cadence - Partial Sun-wNGT												
Term	Pointing (x, y)							Comment				
07/24 21:06:00 - 07/24 22:50:54	Fixed ( 0.0, 945.0)	# Co-alignment run with N-Limb										
<b>PROG= 05 1-time(s)</b>												
└─ Subr= 1 1-time(s) 360.0sec												
└─┬─ Seqn= 21 24-time(s) 300.0sec												
└─┬─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #16AD: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8 min cadence-wNGT												
Term	Pointing (x, y)							Comment				
07/24 23:06:00 - 07/25 00:50:54	Fixed (-945.0, 0.0)	# Co-alignment run with E-Limb										
<b>PROG= 10 1-time(s)</b>												
└─ Subr= 1 1-time(s) 360.0sec												
└─┬─ Seqn= 22 15-time(s) 480.0sec												
└─┬─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 1536x2048 (1280, 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 #17ED: AR Standard-A(Filter-Ratio) for FW1=Open, 384x384 at 1064 1048, 2min-cad												
Term	Pointing (x, y)							Comment				
07/25 00:57:00 - 07/25 05:59:54	Track ( -116.6, -496.3) <sup>Ⓜ 07/25 00:51:00</sup>	# Start tracking AR 11089										
07/25 06:13:00 - 07/25 10:15:00	Track ( -74.7, -497.0) <sup>Ⓜ 07/25 06:10:00</sup>	# Continue tracking AR 11089										
07/25 18:08:00 - 07/26 06:32:54	Track ( 19.7, -497.9) <sup>Ⓜ 07/25 18:05:00</sup>	# Continue tracking AR 11089										
07/26 06:46:00 - 07/26 10:54:30	Track ( 119.5, -497.7) <sup>Ⓜ 07/26 06:43:00</sup>	# Continue tracking AR 11089										
07/26 18:26:30 - 07/27 05:59:54	Track ( 210.4, -496.6) <sup>Ⓜ 07/26 18:24:30</sup>	# Continue tracking AR 11089										
07/27 06:13:00 - 07/27 09:50:00	Track ( 299.3, -494.4) <sup>Ⓜ 07/27 06:10:00</sup>	# Continue tracking AR 11089										
<b>PROG= 17 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 76 1-time(s) 2.0sec												
└─┬─ Open/G-band Open/G-band open Safe Norm 63ms Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec												

Seqn= 96	1-time(s)	2.0sec																		
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
Subr= 2	1-time(s)	2.0sec																		
Seqn= 78	20-time(s)	120.0sec																		
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval							

**XOB #17CB: HOP146 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 512FOV 15min cadence - Q90-AEC2**

Term	Pointing (x, y)	Comment
07/26 11:25:00 - 07/26 17:30:30	Track ( 60.0, 341.9) @ 07/26 11:20:00	# HOP 146 track CH in the NE quadrant
PROG= 19	Inf.-time(s)	
Subr= 1	1-time(s) 2.0sec	
Seqn= 3	1-time(s) 2.0sec	
Open/G-band	Open/G-band open	Safe Norm 63ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
Subr= 2	4-time(s) 900.0sec	
Seqn= 15	2-time(s) 30.0sec	
Open/Al-mesh	Open/Al-mesh close	Safe Norm 4.00s Obs 1x1 512x512 (1024, 1024) Q=90 2 0 2.0sec
Open/Ti-poly	Open/Ti-poly close	Safe Norm 8.00s Obs 1x1 512x512 (1024, 1024) Q=90 2 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 #17EF: Flare Standard Obs. with eruptions mode-A (FW1=Open)**

Term	Pointing (x, y)	Comment
07/24 10:11:34 - 07/24 17:40:54	Fixed ( 0.0, 907.0)	# OP start + 10min; HOP81 (N-Pole) from 10:10 UT for 6 hours
07/25 00:57:00 - 07/25 05:59:54	Track ( -116.6, -496.3) @ 07/25 00:51:00	# Start tracking AR 11089
07/25 06:13:00 - 07/25 10:15:00	Track ( -74.7, -497.0) @ 07/25 06:10:00	# Continue tracking AR 11089
07/25 10:48:00 - 07/25 17:54:54	Fixed ( 0.0, -968.0)	# HOP81 (S-Pole) for 6 hours
07/25 18:08:00 - 07/26 06:32:54	Track ( 19.7, -497.9) @ 07/25 18:05:00	# Continue tracking AR 11089
07/26 06:46:00 - 07/26 10:54:30	Track ( 119.5, -497.7) @ 07/26 06:43:00	# Continue tracking AR 11089
07/26 11:25:00 - 07/26 17:30:30	Track ( 60.0, 341.9) @ 07/26 11:20:00	# HOP 146 track CH in the NE quadrant
07/26 18:26:30 - 07/27 05:59:54	Track ( 210.4, -496.6) @ 07/26 18:24:30	# Continue tracking AR 11089
07/27 06:13:00 - 07/27 09:50:00	Track ( 299.3, -494.4) @ 07/27 06:10:00	# Continue tracking AR 11089

**PROG= 07**

Subr= 1	30-time(s)	20.0sec																		
Seqn= 87	1-time(s)	2.0sec																		
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Seqn= 91	1-time(s)	2.0sec																		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec							
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512	(1024, 1024)	Q=95	0	0	2.0sec							
Subr= 2	1-time(s)	2.0sec																		
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec							
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec							
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512	(1024, 1024)	Q=98	0	0	2.0sec							
Subr= 3	30-time(s)	60.0sec																		
Seqn= 87	1-time(s)	2.0sec																		
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Seqn= 88	1-time(s)	2.0sec																		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec							
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec							
Subr= 2	1-time(s)	2.0sec																		
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec							
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec							
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512	(1024, 1024)	Q=98	0	0	2.0sec							
Subr= 3	30-time(s)	60.0sec																		
Seqn= 87	1-time(s)	2.0sec																		
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Seqn= 88	1-time(s)	2.0sec																		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec							
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec							
Subr= 2	1-time(s)	2.0sec																		
Seqn= 90	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec							
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec							
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512	(1024, 1024)	Q=98	0	0	2.0sec							
Subr= 3	30-time(s)	60.0sec																		
Seqn= 87	1-time(s)	2.0sec																		
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec							
Seqn= 88	1-time(s)	2.0sec																		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec							

Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 4    24-time(s)    600.0sec												
Seqn= 89    1-time(s)    2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (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	

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### Active Region Search

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NOT USED

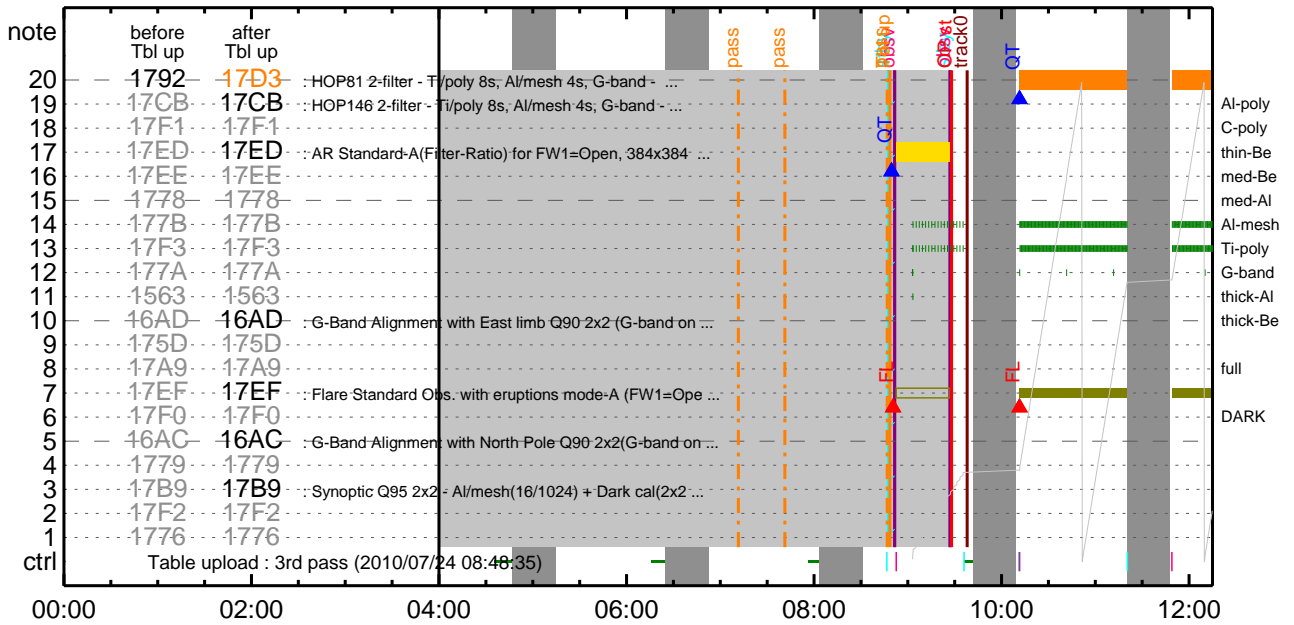
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### Flare Detection

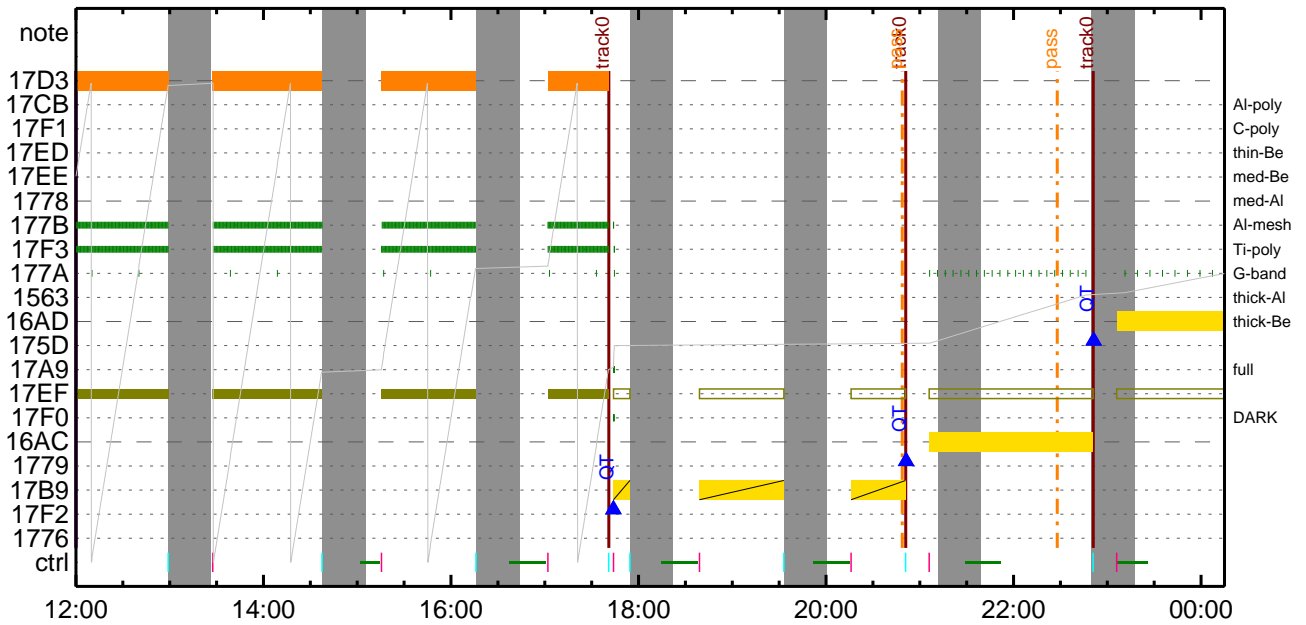
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FLD Patrol												
Term	Pointing (x, y)				Comment							
07/24 10:11:22 - 07/24 17:41:16	Fixed ( 0.0, 907.0)				# OP start + 10min; HOP81 (N-Pole) from 10:10 UT for 6 hours							
07/25 00:51:16 - 07/25 06:00:16	Track ( -116.6, -496.3) @ 07/25 00:51:00				# Start tracking AR 11089							
07/25 06:10:16 - 07/25 17:55:16	Track ( -74.7, -497.0) @ 07/25 06:10:00				# Continue tracking AR 11089							
07/25 18:05:16 - 07/26 06:33:16	Track ( 19.7, -497.9) @ 07/25 18:05:00				# Continue tracking AR 11089							
07/26 06:43:16 - 07/26 18:14:46	Track ( 119.5, -497.7) @ 07/26 06:43:00				# Continue tracking AR 11089							
07/26 18:23:46 - 07/27 06:00:16	Fixed ( 0.0, 0.0)				synoptic, shifted 14.5 min							
07/27 06:10:16 - 07/29 10:23:00	Track ( 299.3, -494.4) @ 07/27 06:10:00				# Continue tracking AR 11089							
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8		Q=50			30sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

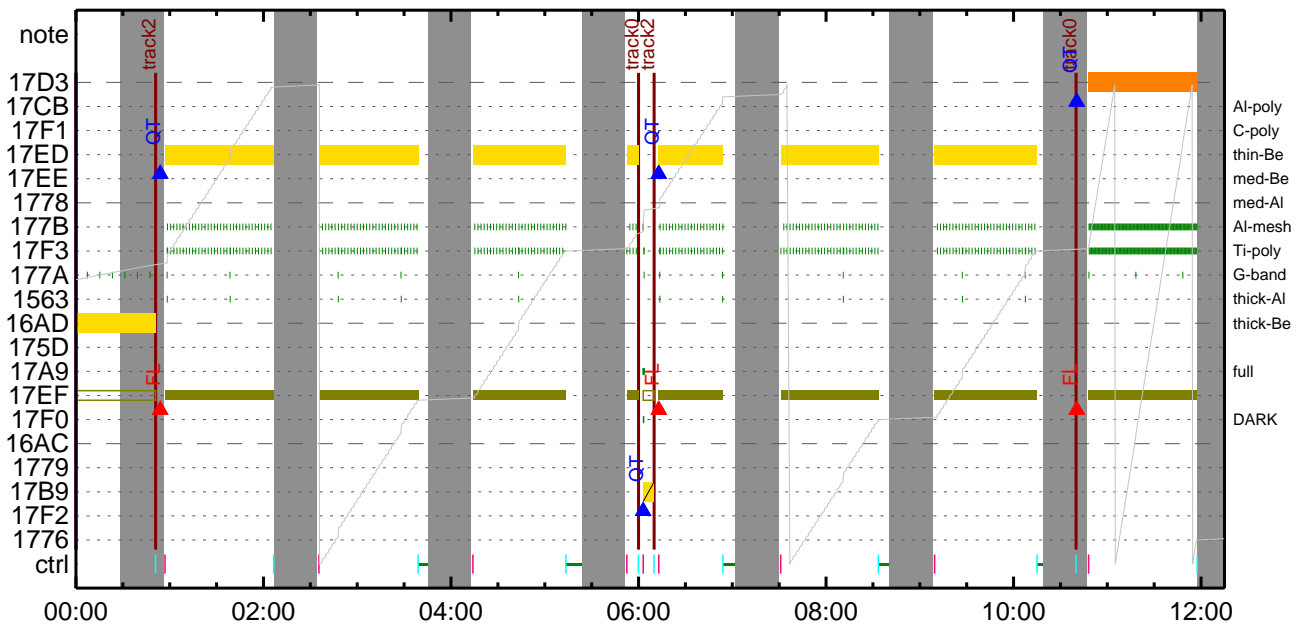
### CMDI #0392 2010/07/24



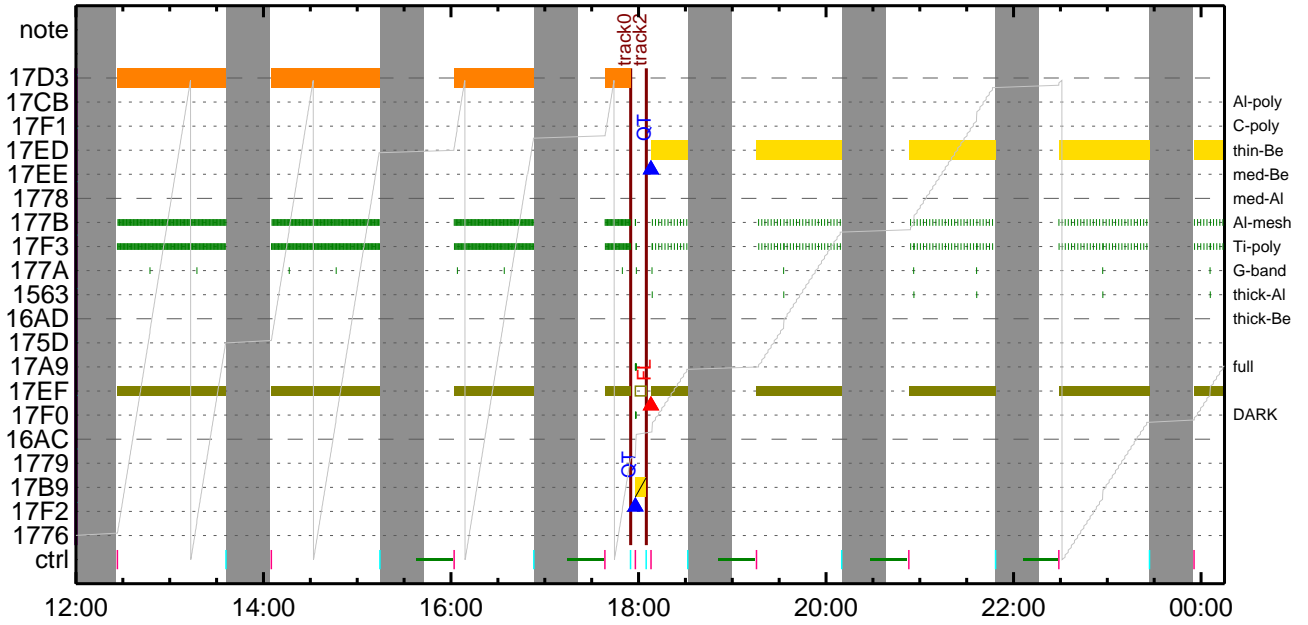
### CMDI #0392 2010/07/24



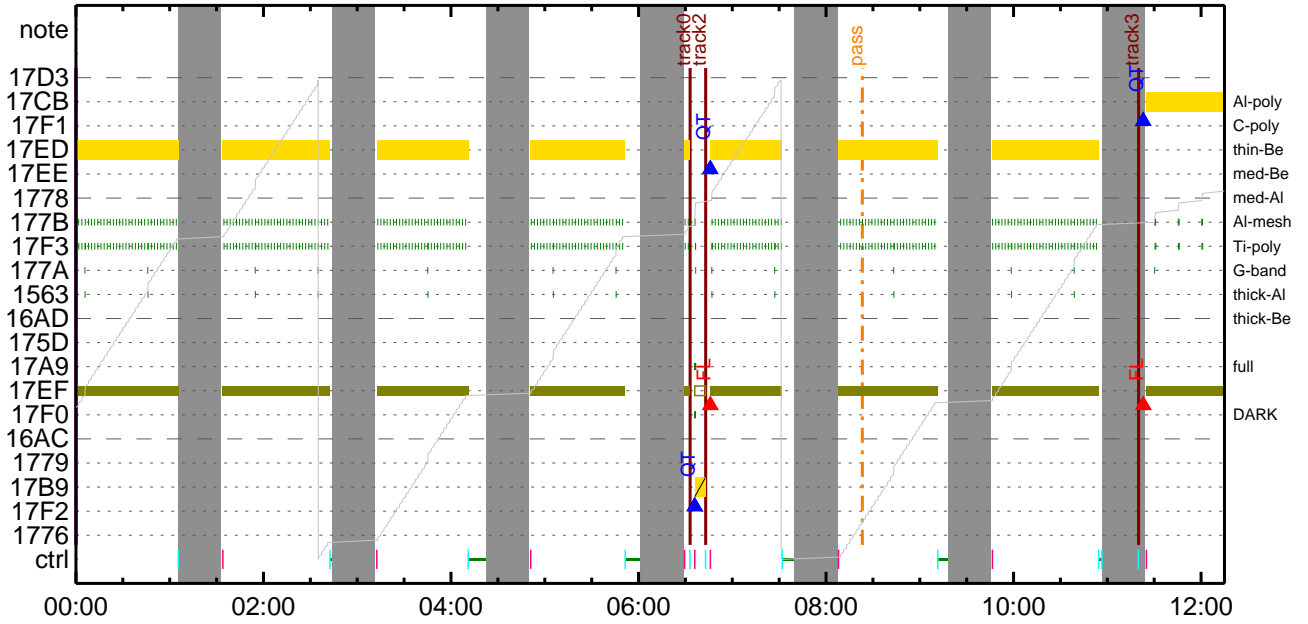
### CMDI #0392 2010/07/25



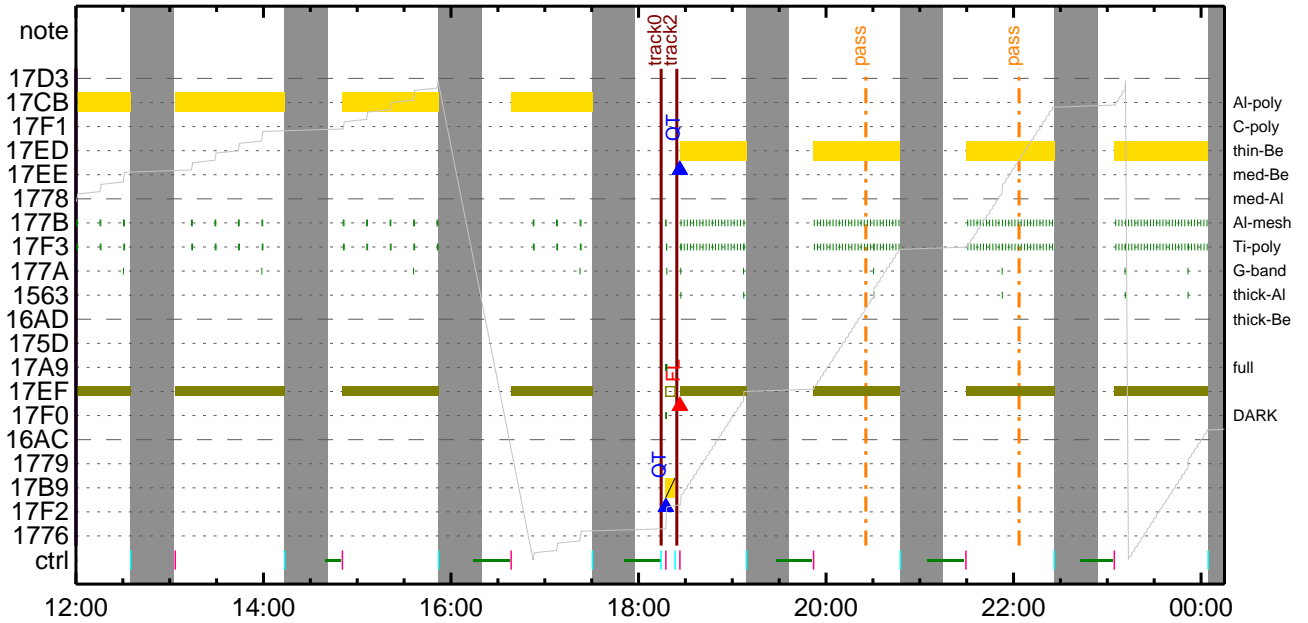
CMDI #0392 2010/07/25



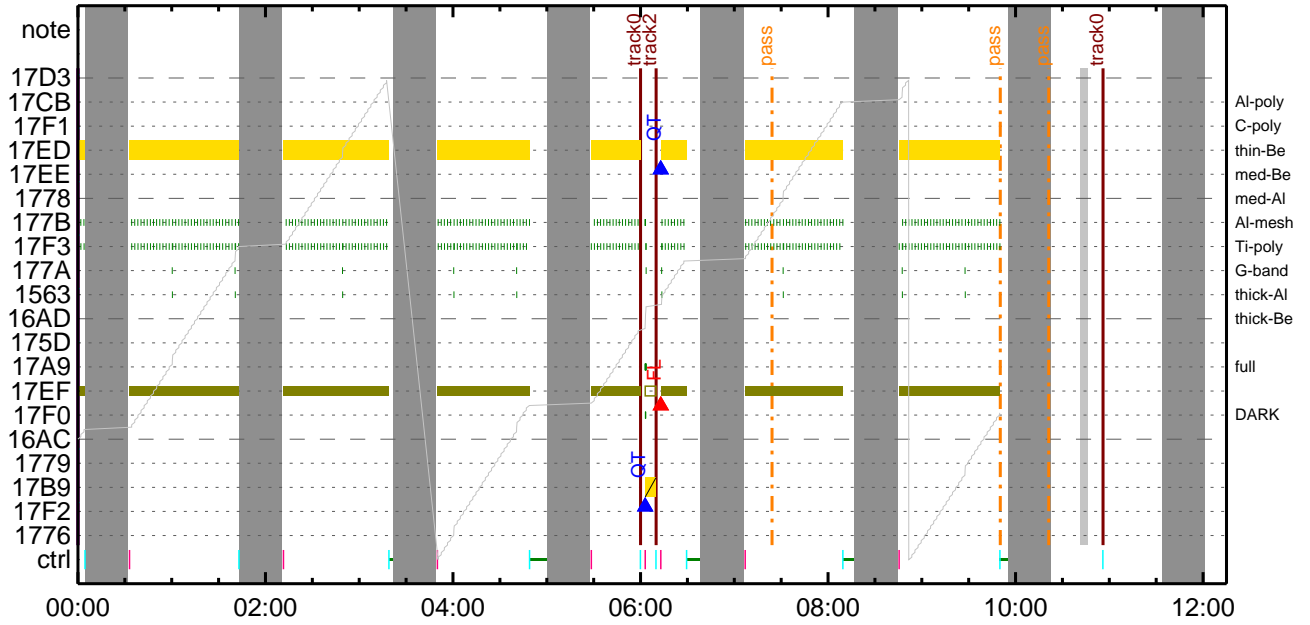
CMDI #0392 2010/07/26



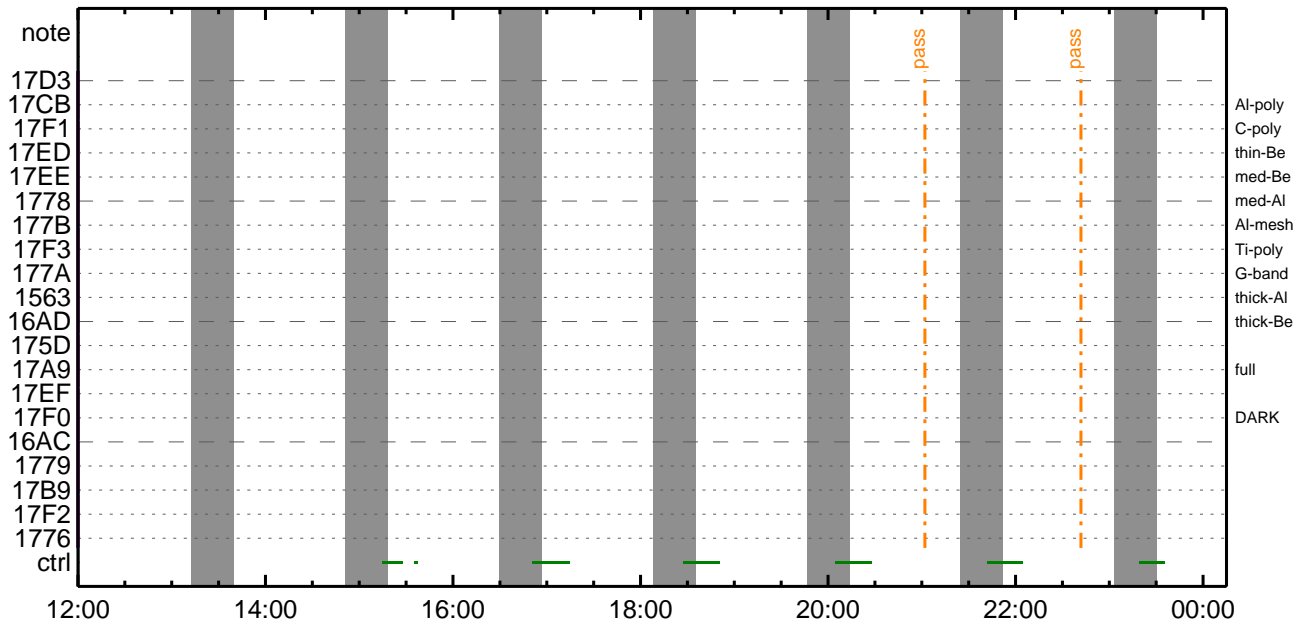
CMDI #0392 2010/07/26



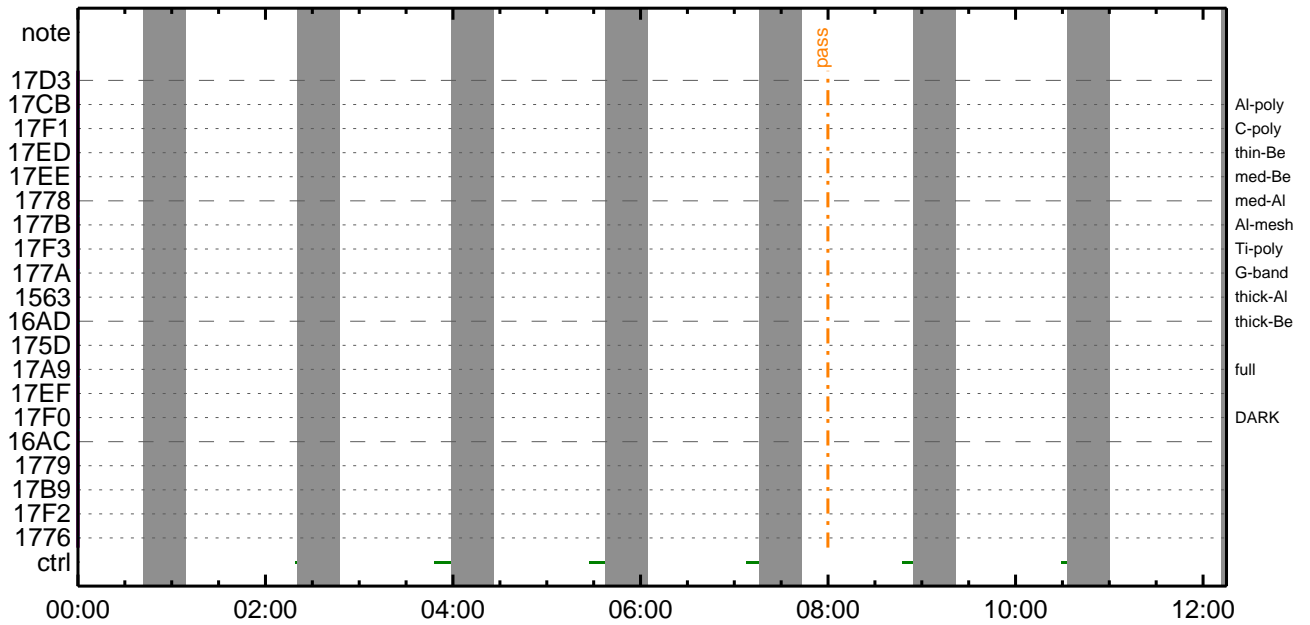
CMDI #0392 2010/07/27



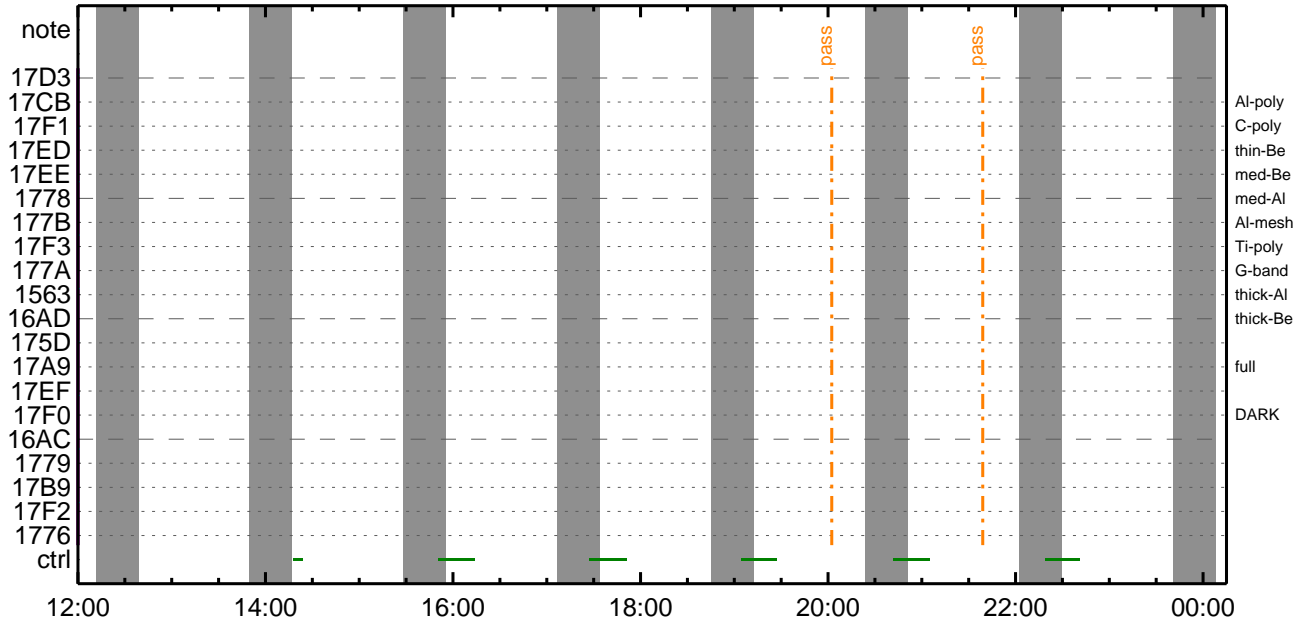
CMDI #0392 2010/07/27



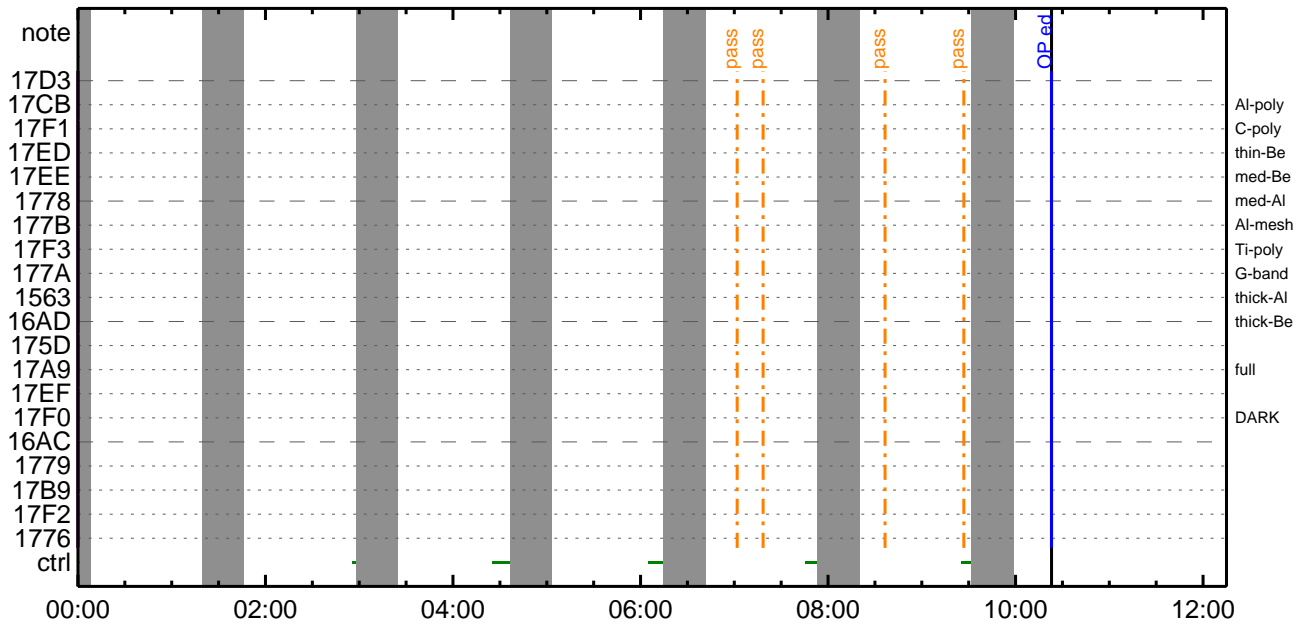
CMDI #0392 2010/07/28



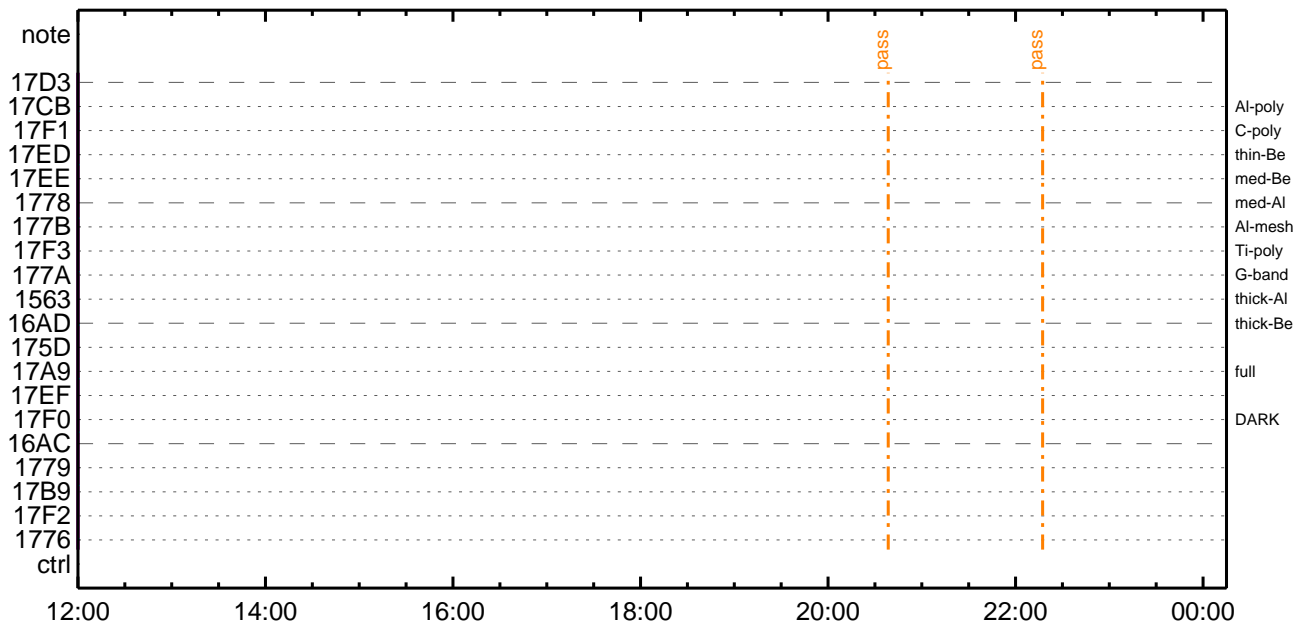
CMDI #0392 2010/07/28



CMDI #0392 2010/07/29



CMDI #0392 2010/07/29







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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-487:OP
0104 ( )
0105 S. OG og-487:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ä´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOXx½ê½çòðÁÓÆòÇ¼ª°¬òE¼î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ô²•²E²²²³²E;f
0180 C. ²²²¿;çSET²E²DUMP²îE±²îYÑY¹²ç¹Ô²|²³²E;f
0181 C.
0182 C. TIY³Y²Y²Y²E²òðÁDî¿(UT)
0183 +. TI 2010-07-24 09:23:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2010-07-24 09:23:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2010-07-24 09:23:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```



(a) Spacecraft Operation Procedure (real-commands)

```
main-488 2010-07-24 15:02:24 82 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µÁó·µ°È»Í×ÁÇóíYçYÁY×Yí;¼YÉ;ÈÈ%µ·íÉ;ÈóÈ¼°ÇÒó·ó¿¼í¹çóí;çÁ®, ùó¹óèóóóóçÁ+¿®ó·óÈóóóóóÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_MANU
0047 BC (21 02)
0048 . C. Verify EIS in MANUAL mode
0049 . C. Estimated OBSTBL upload time is 26s
0050 C. *****
0051 C. EIS START OBSTBL LOAD
0052 C. *****
0053 . S. RAM ram-820:EIS_OBSTBL
0054 ( )
0055 +. DC 07-FC EIS_DUMP_OBSTBL
0056 BC (07 07 07 00 00 70 00)
0057 C.
0058 C. Execute, after the success of OBSTBL upload.
0059 C. Set EIS TI-commands
0060 +. TI 2010-07-24 09:27:50.0
0061 DC 07-FC EIS_MODE_CHG_ENA
0062 BC (20)
0063 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0064 C. *****
0065 C. EIS END OBSTBL LOAD
0066 C. *****
0067 C.
0068 . C. ***** MDP `úÁîóî»ó¼YóÈÁó¹óèDCBC•x²è *****
0069 C. (¼á°íYÓYÁYÈYÈYÈYáYçYÈóÈ¼°ç¼Á»Ûó¹óè)
0070 . S. DC-BC dcbc-402:DCBC
0071 (MDP_known_event)
0072 C.
0073 C.
0074 . C. ***** YDY¹·İ Daily±¿İÑóÈ`Øó¹óèDCBC•x²è *****
0075 . S. DC-BC dcbc-153:DCBC
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077 C.
0078 C.
0079 . C. ;ãLOSÁY$YÁY~¼Á»Û;ã
0080 C.
0081 . C. ***** LOS *****
0082 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-489 2010-07-24 15:02:24 212 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÄYSYÄY-¼Ä»Û;ä
0005 C.
0006 C. YÄYB;¼Y³YBYÖYÉÄ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Äí;ËçðÀð•µ°Æ»Í×ÁÇçÍYçYÄY×YÍ;¼YÉ;ËÈÈ%µ•ííÉ;ËðÈ¼°ÇÖð•çç¼í¹ççí;çÄ®, ùñ¹ðñððçÄ+ç®ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ+ç®µ;ON
0016 C. *****
0017 C. ç“ °ÆÄ, Í×ËYðäLÒSðPççí»P´Öðð¹íí, ð•; çÉÖÍ×ðÈXÄÓONðí¹ÖðÈíðÈððð³ðÈ;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. XYDYÖYÉYÍYÄY³¼ÖÄÖð-°ÄÄêð•çç;ç°Ê²¼ççí°ÆÄ, ¼ê%ççðð¼Ä¹Öçç;f
0030 C.
0031 . C. *****
0032 C. DR PT1 Äí¼í°ÆÄ,
0033 C. *****
0034 C. ç“ RESTART;ËPT1;Ëð•çççç¼¹ççí;ç°Ê²¼ççí°ÆÄ¹Öçç»°;çDCBC-150çççÈçç;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 (¼Ä¹Ö, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0045 C.
0046 . C. ;ãYçYÖYÄYÉÄÜÄØ;ËÄ•Ä°²óÈð;Ë, äçí°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 (¼Ä¹Ö, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÆÄ, ç-¼«Æ°Ää»ßçççç;ä;ç°Ê²¼ççðð¼Ä¹Öçç;f
0055 C. YçYÖYÄYÉÄÜÄØðäÄ•Ä°²óÈðçç¼¹ççí°ÆÄ¹Öçç»°;çDCBC-150çççÈçç;f
0056 C.
0057 . C. *****
0058 C. DR PT2 Äí¼í°ÆÄ,
0059 C. *****
0060 C. ç“ RESTART;ËPT2;Ëð•çççç¼¹ççí;ç°Ê²¼ççí°ÆÄ¹Öçç»°;çDCBC-151çççÈçç;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 (¼Ä¹Ö, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0071 C.
0072 . C. ;ãYçYÖYÄYÉÄÜÄØ;ËÄ•Ä°²óÈð;Ë, äçí°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 (¼Ä¹Ö, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÆÄ, Ää»ß;çXÄ+ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÄ, Ää»ß;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. ;ãXÄ+ç®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
```

```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-266:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2010-07-24 09:27:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 06 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 07 80 80 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 08 80 80 20 20)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 09 80 80 20 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 0a 80 80 08 20)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0b 80 60 20 18)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0c a0 80 18 20)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0d 80 80 08 08)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0f 80 80 06 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 10 80 80 08 08)
0176 + DC 07-F0 MDP_XRT_AEC_RESET
0177 BC (d0)
0178 . C. ----- Success Verify ? OK / NG ____
0179 C.
0180 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0181 BC (c4 11)
0182 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0183 BC (c5 07)
0184 C.
0185 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0186 C.
0187 +. DC 07-F0 MDP_XRT_MODE_OBSV
0188 BC (c2)
0189 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0190 BC (c0)
0191 +. TI 2010-07-24 09:27:02.0
0192 DC 07-F0 MDP_XRT_MODE_OBSV
0193 BC (c2)

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```
0194 . C. ----- Success Verify ?          OK / NG ____
0195 C.
0196 C. ***** XRT END *****
0197 C.
0198 . C. ***** MDP 'ûÃîâî»ð%ÿðÊÂð¹æDCBC•x²è *****
0199 C. (¾â°îÿÓÿÃÿËÿPÿËÿâÿçÿéæ¾¼æ¾¼Ã»Û¹æè)
0200 . S. DC-BC dcbc-402:DCBC
0201 (MDP_known_event)
0202 C.
0203 C.
0204 . C. ***** ÿDÿ¹•Ï Daily±;îÑæË'Ø¹æèDCBC•x²è *****
0205 . S. DC-BC dcbc-153:DCBC
0206 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0207 C.
0208 C.
0209 . C. ;ãLOSÿÁÿSÿÛÿÃÿ~¼Ã»Û;ã
0210 C.
0211 . C. ***** LOS *****
0212 C.
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Jul 24, 10 15:02

## XRT\_OGLIST\_0392.chk

Page 1/6

\*\*\* OP Sequence for XRT \*\*\*

2010/07/24	09:36:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	09:38:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 af 65 00 00				
2010/07/24	10:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	10:11:02.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/07/24	10:11:22.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/07/24	10:11:24.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/07/24	10:11:26.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/07/24	10:11:28.0	XRT_ARS_DIS_416_OG [0x1a0]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/07/24	10:11:30.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2010/07/24	10:11:32.0	XRT_FL_PROG_SET_405_OG [0x195]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2010/07/24	10:11:34.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	11:20:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	11:48:00.0	XRT_Custom_418_OG [0x1a2]							
2010/07/24	11:49:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	12:59:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	13:26:30.0	XRT_Custom_418_OG [0x1a2]							
2010/07/24	13:27:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	14:37:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	15:14:30.0	XRT_Custom_418_OG [0x1a2]							
2010/07/24	15:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	16:16:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	17:01:00.0	XRT_Custom_418_OG [0x1a2]							
2010/07/24	17:02:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	17:40:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	17:40:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/07/24	17:41:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/07/24	17:41:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/07/24	17:41:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/07/24	17:41:20.0	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/07/24	17:43:58.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/07/24	17:44:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	17:54:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	18:38:01.0	XRT_Custom_418_OG [0x1a2]							
2010/07/24	18:39:01.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	19:33:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	20:15:00.0	XRT_Custom_418_OG [0x1a2]							
2010/07/24	20:16:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	20:50:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	20:50:56.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/07/24	20:51:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 ac 00 00 00				
2010/07/24	20:51:16.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2010/07/24	20:51:18.0	XRT_FLD_DIS_427_OG [0x1ab]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/07/24	20:51:20.0	XRT_FLRCTRL_DIS_428_OG [0x1ac]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/07/24	20:51:22.0	XRT_ARS_DIS_430_OG [0x1ae]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/07/24	21:06:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/07/24	22:50:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/07/24	22:50:56.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/07/24	22:51:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 54 00				
2010/07/24	22:51:16.0	XRT_QT_PROG_SET_431_OG [0x1af]							

Jul 24, 10 15:02

## XRT\_OGLIST\_0392.chk

Page 2/6

2010/07/24	22:51:18.0	XRT_FLD_DIS_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/07/24	22:51:20.0	XRT_FLRCTRL_DIS_428_OG [0x1ac]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/07/24	22:51:22.0	XRT_ARS_DIS_430_OG [0x1ae]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/24	23:06:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	00:50:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	00:50:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2010/07/25	00:51:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02	00 00 00 00
2010/07/25	00:51:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/07/25	00:51:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/07/25	00:51:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/07/25	00:51:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/25	00:53:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2010/07/25	00:53:58.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2010/07/25	00:56:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	00:57:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	02:06:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	02:34:30.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	02:35:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	03:39:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	04:13:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	04:14:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	05:13:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	05:51:30.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	05:52:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2010/07/25	06:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00
2010/07/25	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/07/25	06:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/07/25	06:00:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/25	06:02:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2010/07/25	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2010/07/25	06:10:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02	00 00 00 00
2010/07/25	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/07/25	06:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/07/25	06:10:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/07/25	06:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/25	06:12:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2010/07/25	06:12:58.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2010/07/25	06:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	06:54:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	07:30:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	07:31:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	08:33:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	09:08:30.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	09:09:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	10:15:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	



Jul 24, 10 15:02

## XRT\_OGLIST\_0392.chk

2010/07/25	10:39:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	10:39:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/07/25	10:40:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 56 0c 00 00	
2010/07/25	10:40:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/07/25	10:40:18.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2010/07/25	10:40:20.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/07/25	10:40:22.0	XRT_ARS_DIS_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/25	10:40:24.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2010/07/25	10:40:26.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2010/07/25	10:47:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	10:48:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	11:57:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	12:25:30.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	12:26:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	13:36:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	14:04:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	14:05:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	15:14:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	16:01:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	16:02:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	16:53:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	17:37:30.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	17:38:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	17:54:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	17:54:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2010/07/25	17:55:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2010/07/25	17:55:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/07/25	17:55:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/07/25	17:55:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/25	17:57:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2010/07/25	17:58:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	18:04:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	18:04:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2010/07/25	18:05:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02 00 00 00 00	
2010/07/25	18:05:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/07/25	18:05:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/07/25	18:05:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/07/25	18:05:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/25	18:07:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2010/07/25	18:07:58.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2010/07/25	18:08:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	18:31:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	19:14:30.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	19:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	20:10:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	20:52:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	20:53:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	21:48:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/25	22:28:00.0	XRT_Custom_418_OG [0x1a2]					
2010/07/25	22:29:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/25	23:27:00.0	XRT_CTRL_MANU_408_OG [0x198]					

Jul 24, 10 15:02

## XRT\_OGLIST\_0392.chk

Page 4/6

2010/07/25	23:54:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/25	23:55:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
2010/07/26	01:05:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	01:33:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	01:34:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
2010/07/26	02:42:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	03:11:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	03:12:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
2010/07/26	04:11:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	04:50:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	04:51:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
2010/07/26	05:51:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	06:28:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	06:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
2010/07/26	06:32:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	06:32:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	06:33:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/07/26	06:33:16.0	XRT_FLD_DIS_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00 00		
2010/07/26	06:33:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2010/07/26	06:33:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2010/07/26	06:35:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/07/26	06:36:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2010/07/26	06:42:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	06:42:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	06:43:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/07/26	06:43:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 00 00 00 00		
2010/07/26	06:43:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/07/26	06:43:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/07/26	06:43:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/07/26	06:45:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/07/26	06:45:58.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2010/07/26	06:46:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2010/07/26	07:32:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	08:07:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	08:08:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
2010/07/26	09:11:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	09:45:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	09:46:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]						
2010/07/26	10:54:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/07/26	10:56:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	11:19:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/07/26	11:19:56.0	XRT_FOCUS_POSITION_409_OG [0x199]						
2010/07/26	11:20:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/07/26	11:20:16.0	XRT_AEC_RESET_438_OG [0x1b6]	AOCU_NM	5	02-76	03 00 00 00 00		
2010/07/26	11:20:18.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/07/26	11:20:20.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/07/26	11:20:22.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/07/26	11:20:24.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/07/26	11:22:58.0	XRT_QT_PROG_SET_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/07/26	11:23:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		

Jul 24, 10 15:02

## XRT\_OGLIST\_0392.chk

Page 5/6

2010/07/26	11:24:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2010/07/26	11:25:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/26	12:35:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	13:02:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	13:03:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/26	14:13:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	14:49:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	14:50:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/26	15:52:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	16:37:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	16:38:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/26	17:30:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	18:14:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	18:14:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	18:14:30.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2010/07/26	18:14:46.0	XRT_FLD_DIS_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00	00 00
2010/07/26	18:14:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2010/07/26	18:14:50.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2010/07/26	18:17:28.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/26	18:17:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2010/07/26	18:23:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	18:23:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	18:23:46.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2010/07/26	18:23:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2010/07/26	18:23:50.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2010/07/26	18:23:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2010/07/26	18:24:30.0	AOCS_OrE-point_Start_5_OG [0x09b]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2010/07/26	18:26:26.0	XRT_QT_PROG_SET_422_OG [0x1a6]	AOCU_NM	5	02-76	02 00 00 00	00 00
2010/07/26	18:26:28.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2010/07/26	18:26:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2010/07/26	19:09:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	19:51:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	19:52:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/26	20:47:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	21:28:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	21:29:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/26	22:26:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/26	23:03:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/26	23:04:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/27	00:04:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/27	00:32:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/27	00:33:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/27	01:43:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/27	02:10:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/27	02:11:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/27	03:19:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/27	03:49:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/27	03:50:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/27	04:49:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2010/07/27	05:27:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2010/07/27	05:28:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]					
2010/07/27	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

Jul 24, 10 15:02

## XRT\_OGLIST\_0392.chk

Page 6/6

2010/07/27	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/27	06:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/07/27	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00 00
2010/07/27	06:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/07/27	06:00:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/07/27	06:02:58.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/27	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/07/27	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/27	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/27	06:10:00.0	AOCs_OrE-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/07/27	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 00 00 00 00
2010/07/27	06:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/07/27	06:10:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/07/27	06:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_AEC_RESET	1	07-F0	d0
2010/07/27	06:12:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/07/27	06:12:58.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2010/07/27	06:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/07/27	06:29:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/27	07:06:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/27	07:07:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/27	08:09:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/27	08:44:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/27	08:45:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/27	09:50:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/07/27	10:55:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/07/27	10:56:00.0	AOCs_OrE-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		AOCU_NM		5	02-76	00 00 00 00 00