

XRT Timeline to be uploaded on 2010/08/24

Period: 2010/08/24 09:36:00 - 2010/08/28 10:26:00

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Normal mode

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XOB #1808: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384-AEC1-ROI centered													
Term	Pointing (x, y)							Comment					
08/24 09:49:02 - 08/24 18:12:24	Fixed (-11.0, 895.0)	# OP start + 10min HOP101 on N-pole.											
08/25 06:13:02 - 08/25 11:38:30	Fixed (-11.0, 895.0)	# HOP101 on N-pole											
PROG= 09 Inf.-time(s)													
└─ 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= 32 2-time(s) 30.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1024, 1024)	Q=90	1	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1024, 1024)	Q=90	1	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					
08/24 18:19:32 - 08/24 18:22:24	Fixed (0.0, 0.0)	synoptic, shifted 12.5 min											
08/25 06:03:02 - 08/25 06:09:54	Fixed (0.0, 0.0)	synoptic											
08/26 06:05:02 - 08/26 06:11:54	Fixed (0.0, 0.0)	synoptic, shifted 2.0 min											
PROG= 03 1-time(s)													
└─ 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 #1807: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 512x512 at 1064 1048, 225s cad													
Term	Pointing (x, y)							Comment					
08/24 18:25:32 - 08/25 00:09:00	Track (536.1, -495.9) ^{Ⓢ 08/24 18:22:30}	# AR11100 HOP128 officially from 0:00 - 2:00											
08/25 02:05:08 - 08/25 05:59:54	Track (536.1, -495.9) ^{Ⓢ 08/24 18:22:30}	# AR11100 HOP128 officially from 0:00 - 2:00											
08/26 06:55:02 - 08/26 10:25:55	Track (727.6, -469.2) ^{Ⓢ 08/26 06:52:00}	# Track AR11100											
PROG= 20 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 17 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 6 4-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 51 20-time(s) 225.0sec													
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	1	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	1	2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	2	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	2	2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	3	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	3	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1800: AR Standard-B(Morphology) with PFB, FW1=Open, Al/Mesh, 512x512 at 1064 1048, 30sec-cad													
Term	Pointing (x, y)							Comment					
08/25 00:30:38 - 08/25 01:42:00	Track (536.1, -495.9) ^{Ⓢ 08/24 18:22:30}	# AR11100 HOP128 officially from 0:00 - 2:00											
PROG= 04 Inf.-time(s)													
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 17 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Seqn= 16 4-time(s) 2.0sec													

Subr= 1	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	1-time(s) 2.0sec												
Subr= 1	Seqn= 50 90-time(s) 30.0sec												
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	1	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	2	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	3	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

XOB #1563: CCD Monitor During Bakeout - G-band + dark - wide FOV

Term	Pointing (x, y)		Comment										
08/26 00:03:33 - 08/26 06:01:54	Track (590.0, -554.0) @ 08/26 00:00:00		# HOP128 0:00 - 2:00										
PROG= 06 Inf.-time(s)													
Subr= 1	1-time(s) 600.0sec												
	Seqn= 37 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	2048x256 (1024, 1024)	DPCM	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

XOB #1778: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh, Ti/Poly-long

Term	Pointing (x, y)		Comment										
08/26 06:15:00 - 08/26 06:21:54	Fixed (-528.4, -528.4)		# Quadra pointing 1/4										
PROG= 19 1-time(s)													
Subr= 1	1-time(s) 12.0sec												
	Seqn= 38 1-time(s) 12.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec	
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec	
Subr= 2	1-time(s) 2.0sec												
	Seqn= 93 2-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

XOB #1779: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh, Ti/Poly -long

Term	Pointing (x, y)		Comment										
08/26 06:25:00 - 08/26 06:31:54	Fixed (528.4, -528.4)		2/4										
PROG= 11 1-time(s)													
Subr= 1	1-time(s) 12.0sec												
	Seqn= 36 1-time(s) 12.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec	
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec	
Subr= 2	1-time(s) 2.0sec												
	Seqn= 93 2-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

XOB #177A: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant- Al/mesh, Ti/Poly-long

Term	Pointing (x, y)		Comment										
08/26 06:35:05 - 08/26 06:41:54	Fixed (528.4, 528.4)		3/4										
PROG= 14 1-time(s)													
Subr= 1	1-time(s) 12.0sec												
	Seqn= 39 1-time(s) 12.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec	
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec	
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec	
Subr= 2	1-time(s) 2.0sec												
	Seqn= 93 2-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

XOB #177B: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh, Ti/Poly-long

Term	Pointing (x, y)		Comment										
08/26 06:45:00 - 08/26 06:51:54	Fixed (-528.4, 528.4)		4/4										
PROG= 17 1-time(s)													
Subr= 1	1-time(s) 12.0sec												
	Seqn= 40 1-time(s) 12.0sec												

Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1024, 1024)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec									
Seqn= 93		2-time(s)	2.0sec									
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
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									
08/24 09:49:02 - 08/24 18:12:24	Fixed (-11.0, 895.0)		# OP start + 10min HOP101 on N-pole.									
08/24 18:25:32 - 08/25 00:09:00	Track (536.1, -495.9) @ 08/24 18:22:30		# AR11100 HOP128 officially from 0:00 - 2:00									
08/25 00:30:38 - 08/25 01:42:00	Track (536.1, -495.9) @ 08/24 18:22:30		# AR11100 HOP128 officially from 0:00 - 2:00									
08/25 02:05:08 - 08/25 05:59:54	Track (536.1, -495.9) @ 08/24 18:22:30		# AR11100 HOP128 officially from 0:00 - 2:00									
08/25 06:13:02 - 08/25 11:38:30	Fixed (-11.0, 895.0)		# HOP101 on N-pole									
08/26 06:55:02 - 08/26 10:25:55	Track (727.6, -469.2) @ 08/26 06:52:00		# Track AR11100									
PROG= 07		1-time(s)	20.0sec									
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/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
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/Al-mesh	close	Safe	Dark	1.00s	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

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NOT USED

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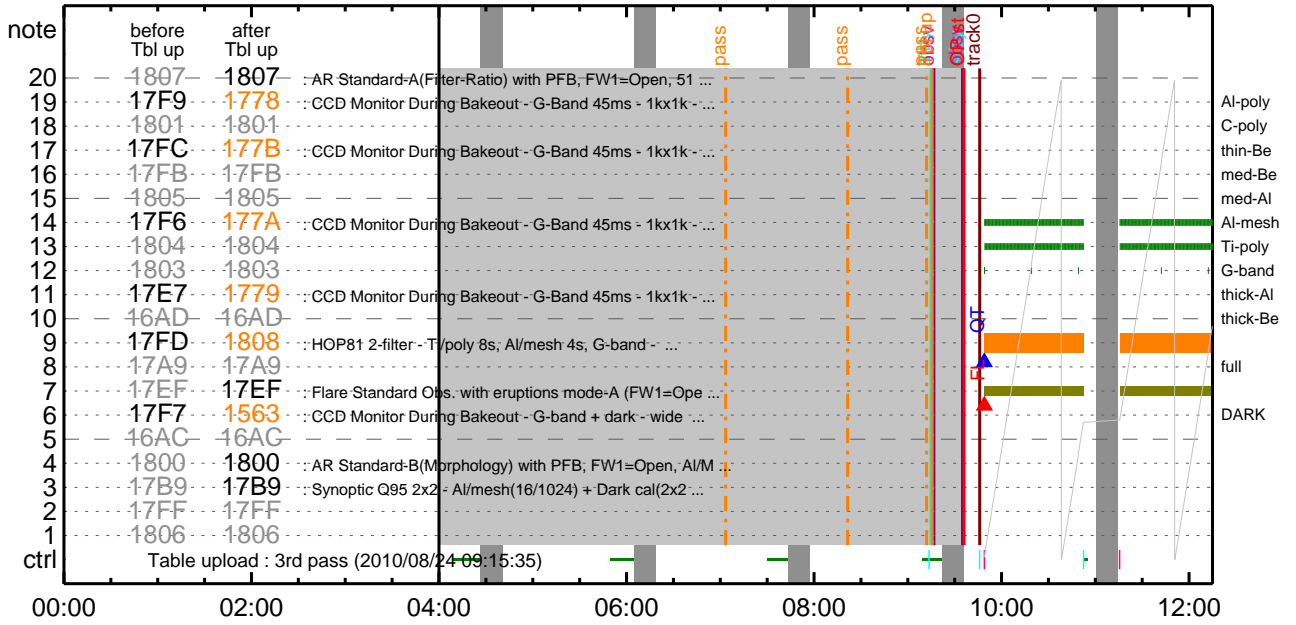
Flare Detection

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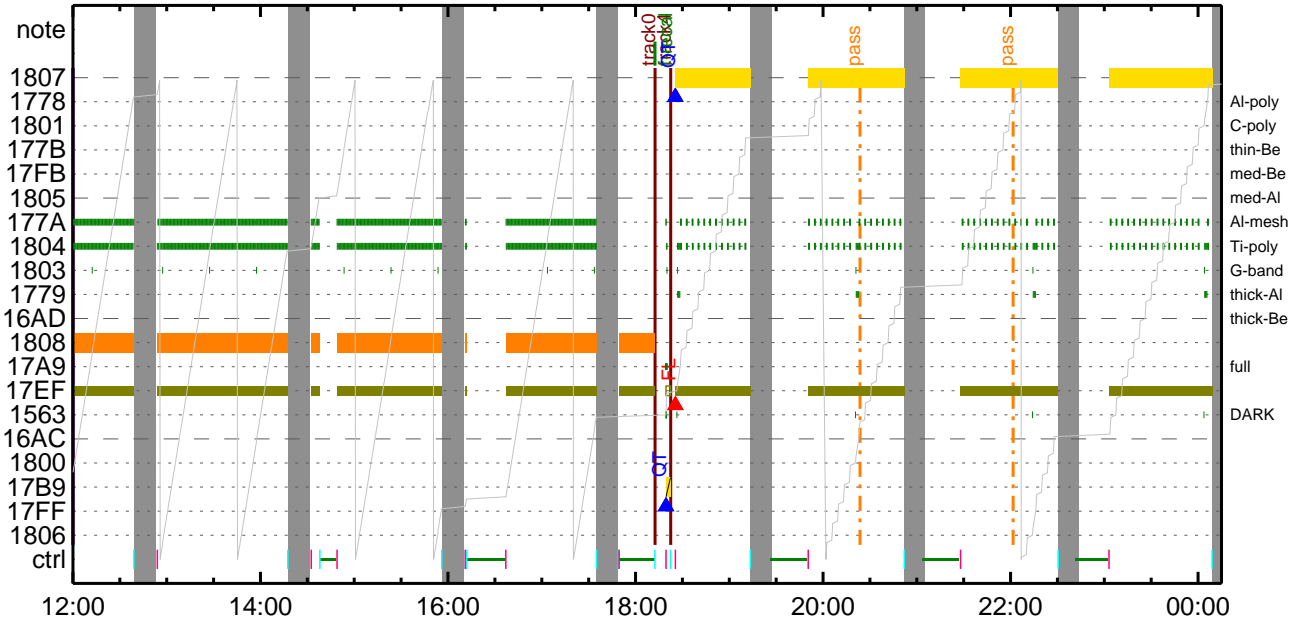
FLD Patrol

Term	Pointing (x, y)	Comment
08/24 09:46:16 - 08/24 18:16:46	Fixed (-11.0, 895.0)	# OP start + 10min HOP101 on N-pole.
08/24 18:22:46 - 08/25 06:00:16	Track (536.1, -495.9) @ 08/24 18:22:30	# AR11100 HOP128 officialy from 0:00 - 2:00
08/25 06:10:16 - 08/26 00:03:29	Fixed (-11.0, 895.0)	# HOP101 on N-pole
08/26 06:52:16 - 08/28 10:26:00	Track (727.6, -469.2) @ 08/26 06:52:00	# Track AR11100
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

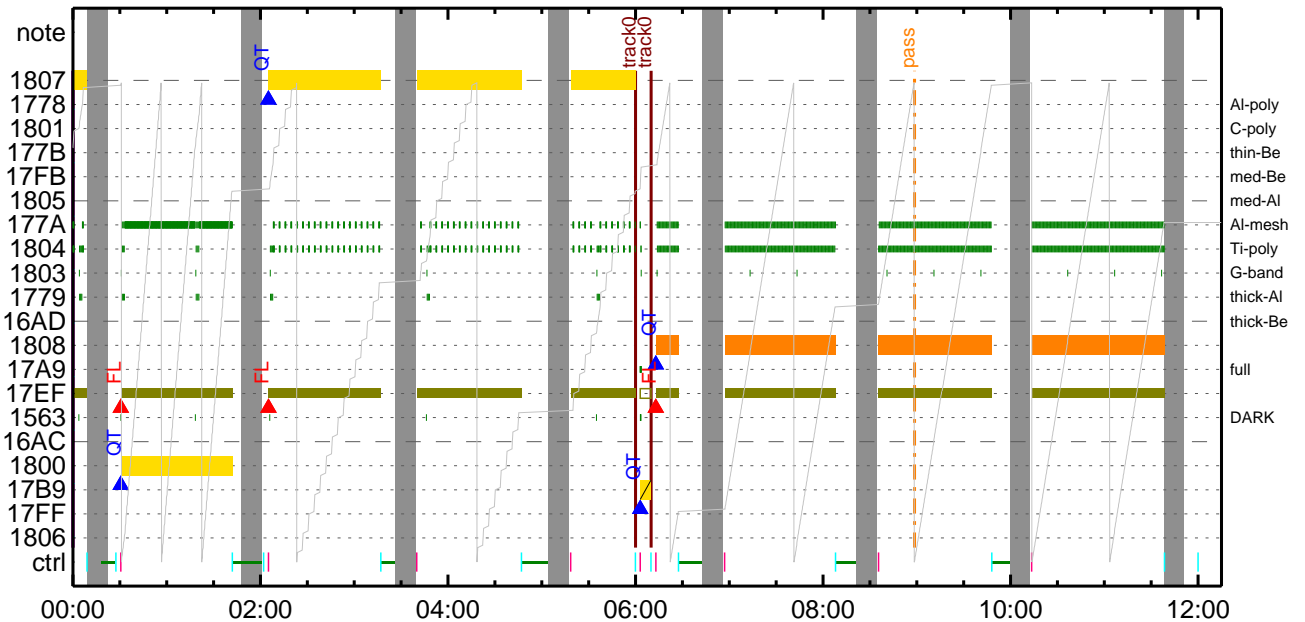
CMDI #0450 2010/08/24



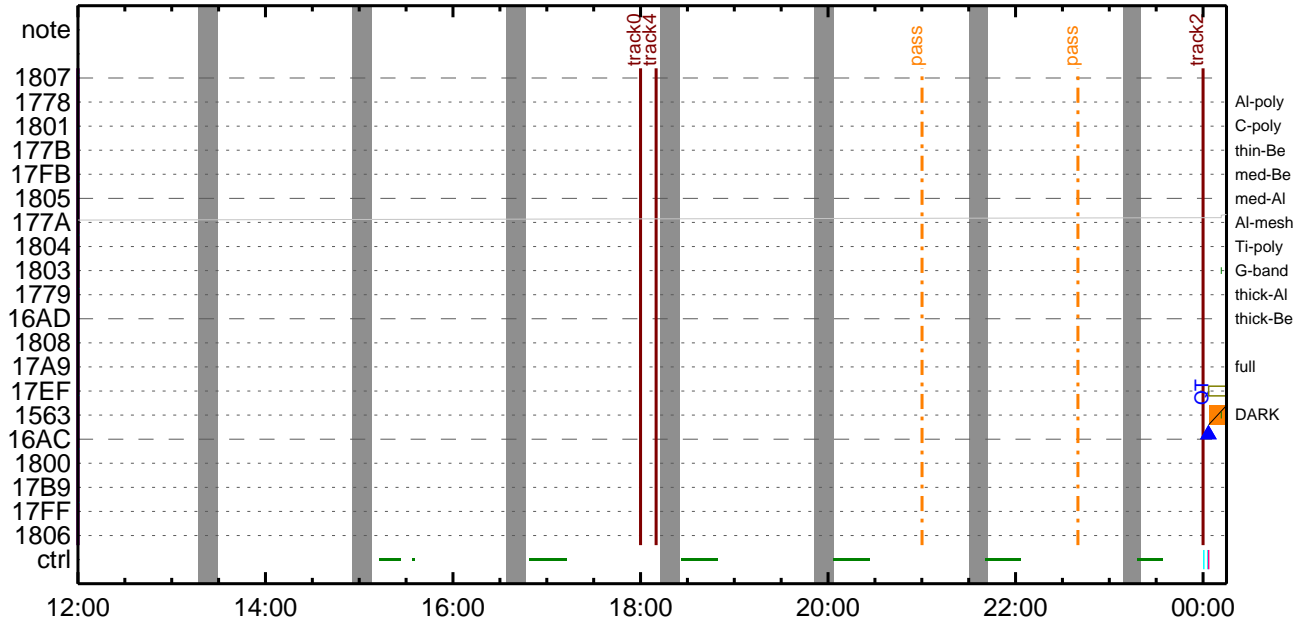
CMDI #0450 2010/08/24



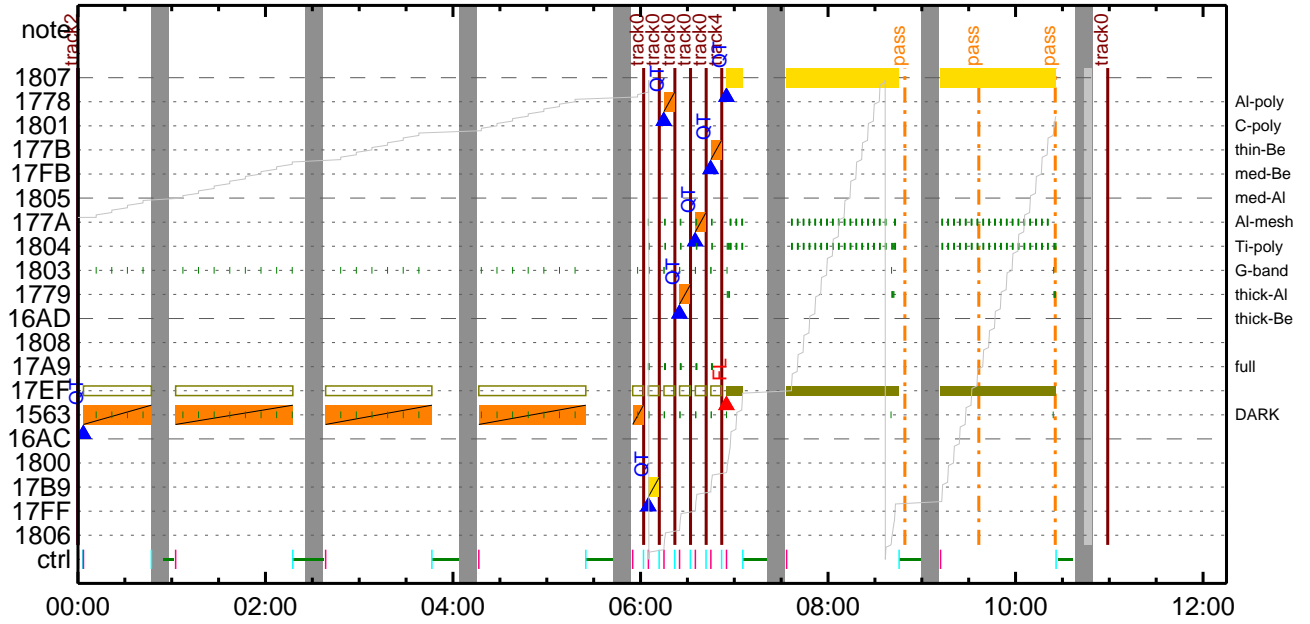
CMDI #0450 2010/08/25



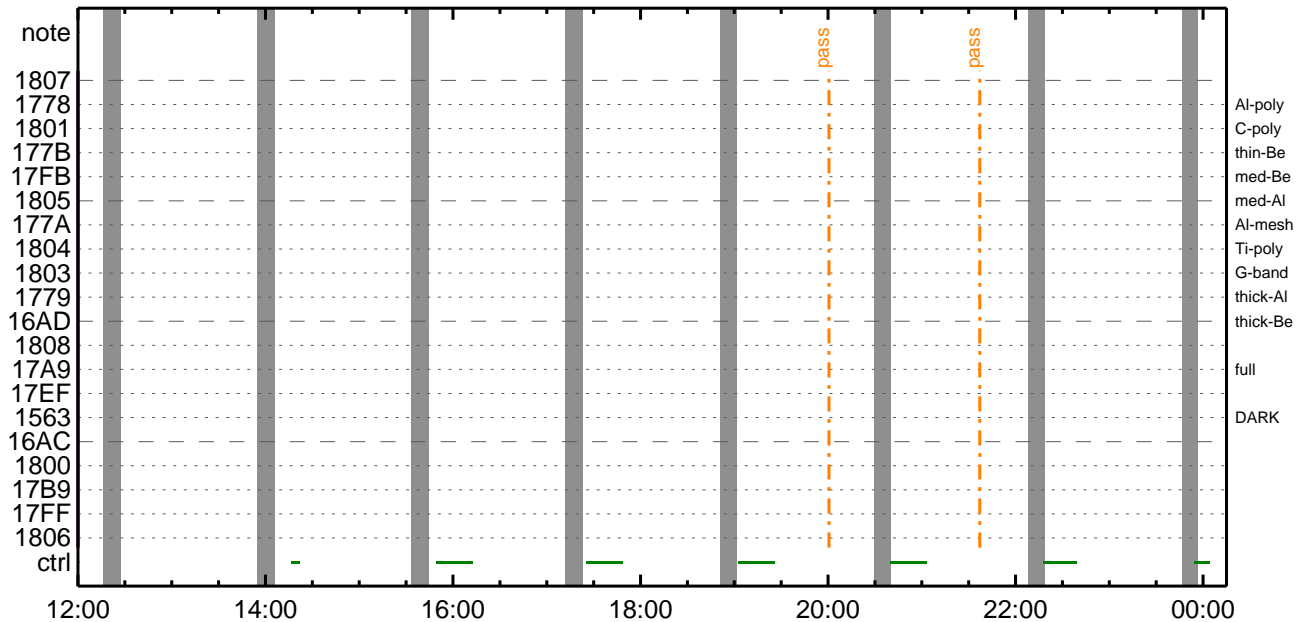
CMDI #0450 2010/08/25



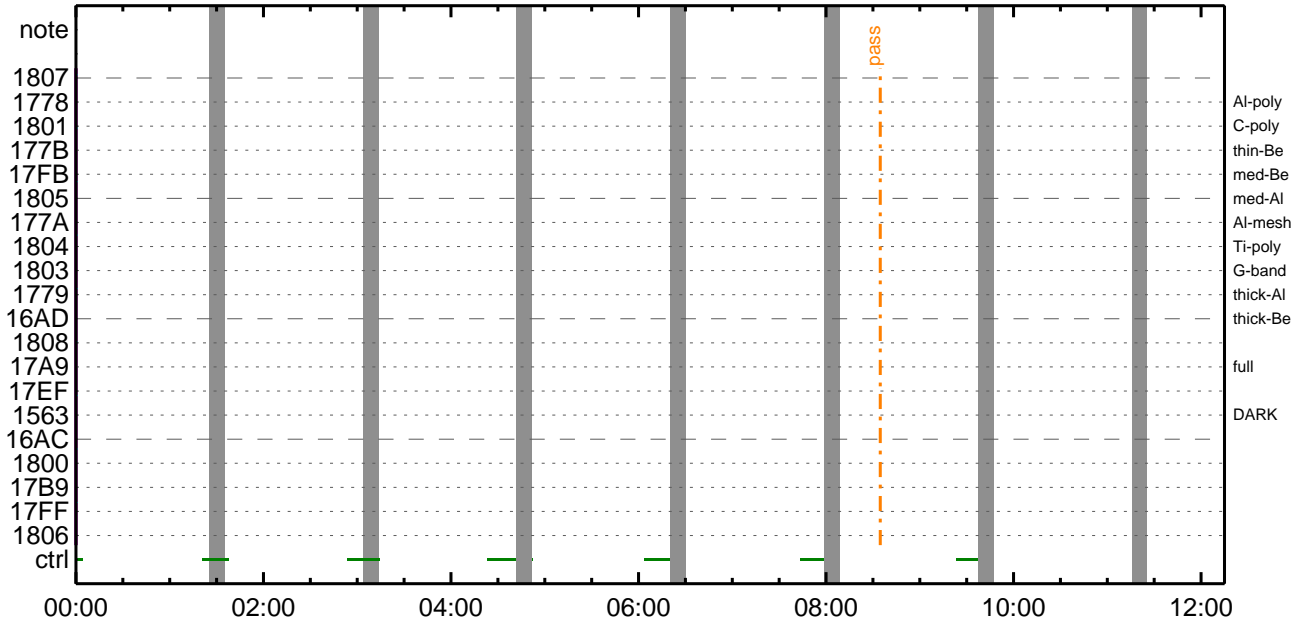
CMDI #0450 2010/08/26



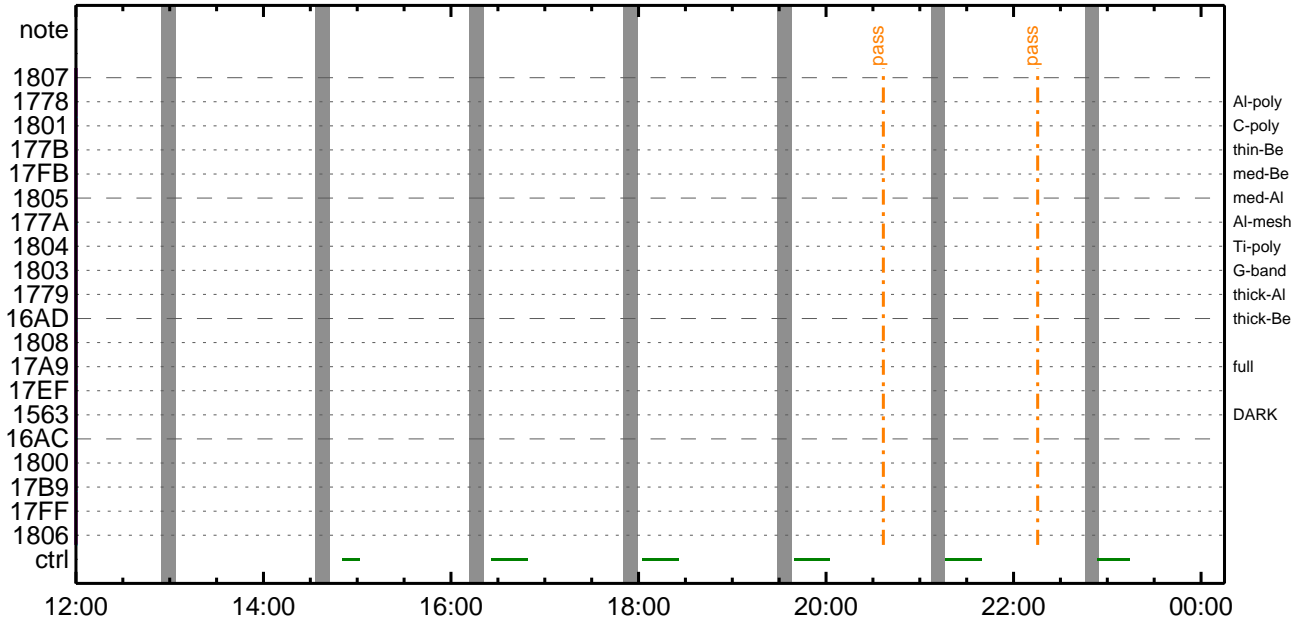
CMDI #0450 2010/08/26



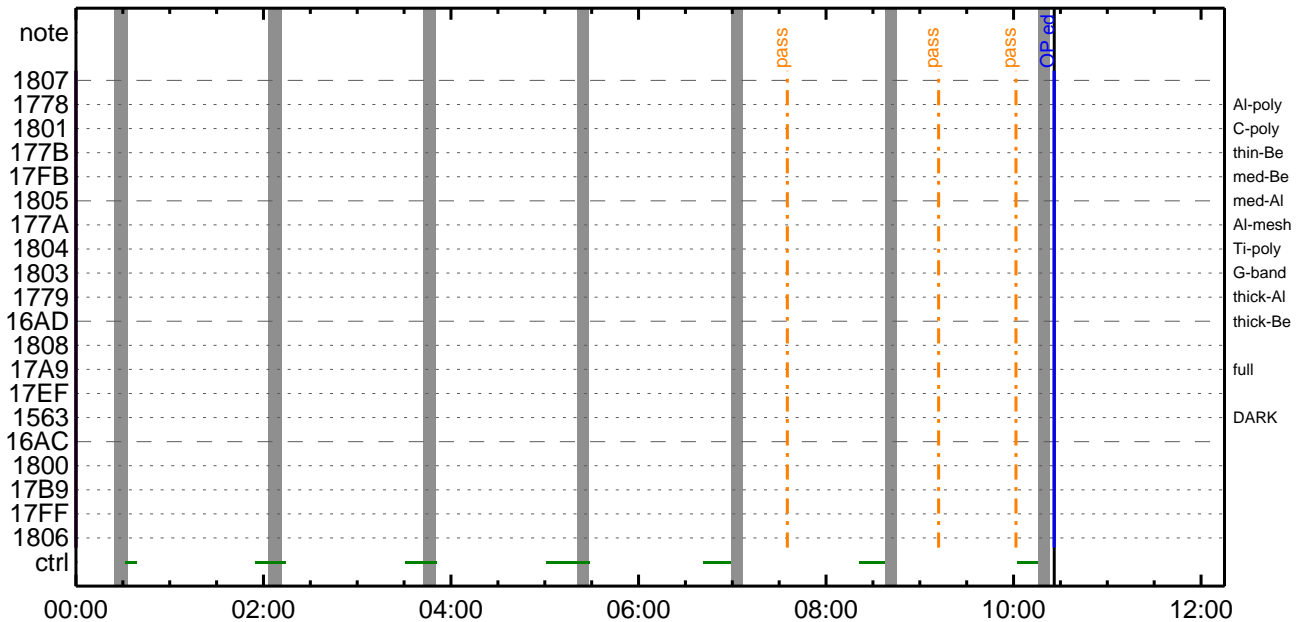
CMDI #0450 2010/08/27



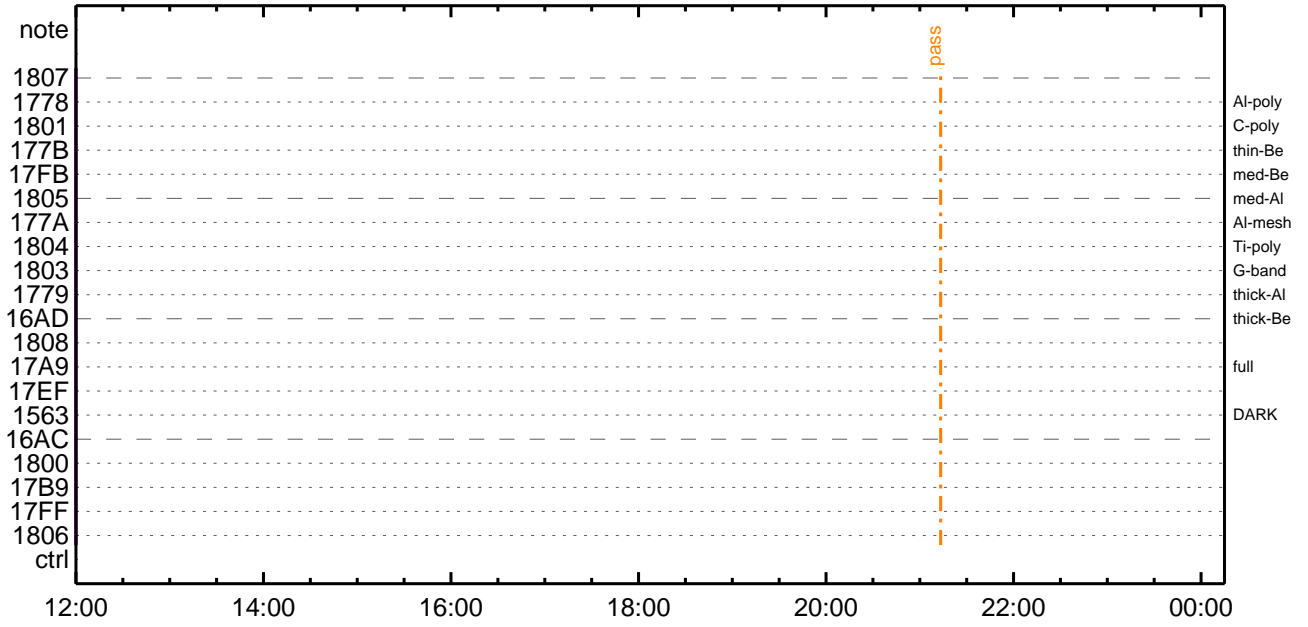
CMDI #0450 2010/08/27



CMDI #0450 2010/08/28



CMDI #0450 2010/08/28



(a) Spacecraft Operation Procedure (real-commands)

```

main-544 2010-08-24 12:30:15 205 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 . C.
0006 . C. YÀYB;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. Áí;È¿¿ðÄð•µ°È»Í×ÁÇ¿ÍYçYÁY×Yí;¼YÉ;ÈÈè¼µ•íÍÈ;ÈðÈ¼°ÇÒð•¾¼í¹ç¿í;çÀ®, ù¹ðÈðBøÇÁ+¿®ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. *****
0015 . C. OP/OGYí;¼YÉ;|YÁYöY×
0016 . C. *****
0017 . C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-544:OP
0020 . C.
0021 . S. OG og-544:OG
0022 . C.
0023 . C.
0024 . C. ;ãNMOG&OPÍ°èYÁYöY×;ä
0025 . C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 . C. çç[HK1_PKT_FORM_NO] EQ 7
0036 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÀYöY×¼ªªÍ»ðð³ÍÇ§
0041 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGðÍ¼È¹ç•è²ÍOKðð³ÍÇ§
0043 . C.
0044 . C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 . C. çç[HK1_PKT_FORM_NO] EQ 7
0055 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÀYöY×¼ªªÍ»ðð³ÍÇ§
0060 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGðÍ¼È¹ç•è²ÍOKðð³ÍÇ§
0062 . C.
0063 . C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 . C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 . C. çç[HK1_PKT_FORM_NO] EQ 7
0074 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÀYöY×¼ªªÍ»ðð³ÍÇ§
0079 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPðÍ¼È¹ç•è²ÍOKðð³ÍÇ§
0081 . C.
0082 . C. ***** òÈ²¼òÍ¼Ä´¶¼°òÈÈ-ò°Á+¿® (¼áµ-YÁYöY×¼¼è¼çððÁÖÃæøç¼ª°¼°ð¼¼í¹çøçðá) *****
0083 . C. DHUYá;¼YÉ;È¼Y¼;Yí;¼YÉ;ÈððÍá¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 . C. çç[HK1_PKT_FORM_NO] EQ 2
0087 . C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0089 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 . C.
0091 . C. *****
0092 . C. TI-CMD SET (OPOG STOP/COPY/START)
0093 . C. *****
0094 . C.
0095 . C. NOTICE |§ OPOG UPLOADð-Á+¿®NGðÍ¼í¹ç;ç°È²¼òÍTI-CMDÁ+¿®ðÍ¼Á¹Ôð•ðÈððð³ðÈ;f

```



```
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. ;ãLOSŸÁŸSŸÃŸ-¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



```

0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 5868223.0 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_MANU
0140 BC (21 02)
0141 . C. Verify EIS in MANUAL mode
0142 . C. Estimated OBSTBL upload time is 26s
0143 C. *****
0144 C. EIS START OBSTBL LOAD
0145 C. *****
0146 . S. RAM ram-820:EIS_OBSTBL
0147 ( )
0148 +. DC 07-FC EIS_DUMP_OBSTBL
0149 BC (07 07 07 00 00 70 00)
0150 C.
0151 C. Execute, after the success of OBSTBL upload.
0152 C. Set EIS TI-commands
0153 +. TI 2010-08-24 09:35:50.0
0154 DC 07-FC EIS_MODE_CHG_ENA
0155 BC (20)
0156 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0157 C. *****
0158 C. EIS END OBSTBL LOAD
0159 C. *****
0160 C.
0161 . C. ***** MDP 'ûÃîî»ö¼ÿðËÄð¹ñèDCBC•x²è *****
0162 C. (%ã°îÿÓÿÄÿËÿÏÿÛÿäÿçÿèðË¼¼¼¼»Û¹ñè)
0163 . S. DC-BC dcbc-402:DCBC
0164 (MDP_known_event)
0165 C.
0166 C.
0167 . C. ***** ÿDÿ¹•Ï Daily±¿îÑñË'Ø¹ñèDCBC•x²è *****
0168 . S. DC-BC dcbc-153:DCBC
0169 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0170 C.
0171 C.
0172 . C. ;ãLOSÿÁÿSÿÄÿÿ-¼Ä»Û;ã
0173 C.
0174 . C. ***** LOS *****
0175 C.

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0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 05 85 83 08 08)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 06 80 80 06 06)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 07 80 80 20 20)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 08 80 80 20 08)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 09 80 80 08 20)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 0a 85 83 08 08)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 0b 80 80 20 04)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 0c c0 c0 10 10)
0112 + DC 07-F0 MDP_XRT_ROI_SET
0113 BC (cd 0d 40 c0 10 10)
0114 + DC 07-F0 MDP_XRT_ROI_SET
0115 BC (cd 0e 40 40 10 10)
0116 + DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 0f 80 80 06 06)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 10 80 80 08 08)
0120 + DC 07-F0 MDP_XRT_AEC_RESET
0121 BC (d0)
0122 . C. ----- Success Verify ? OK / NG ____
0123 C.
0124 C.
0125 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0126 C.
0127 +. DC 07-F0 MDP_XRT_MODE_OBSV
0128 BC (c2)
0129 +. TI 2010-08-24 09:35:02.0
0130 DC 07-F0 MDP_XRT_MODE_OBSV
0131 BC (c2)
0132 . C. ----- Success Verify ? OK / NG ____
0133 C.
0134 C. ***** XRT END *****
0135 C.
0136 . C. ***** MDP `uAÎnî»ô%YnÊAÐa¹nêDCBC•x²è *****
0137 C. (%a°iYÔYÄYÈYÏYËYäYçYèaE%¼aa¼A»Ûa¹aè)
0138 . S. DC-BC dcbc-402:DCBC
0139 (MDP_known_event)
0140 C.
0141 C.
0142 . C. ***** YDÿ¹.Ï Daily±;îÑnÊ´Øa¹nêDCBC•x²è *****
0143 . S. DC-BC dcbc-153:DCBC
0144 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0145 C.
0146 C.
0147 . C. ;ãLOSÿÁÿSÿÄÿ¼A»Û;ã
0148 C.
0149 . C. ***** LOS *****
0150 C.

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*** OP Sequence for XRT ***

2010/08/24	09:45:54.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	09:45:56.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/08/24	09:46:00.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 b0 73 00 fd
2010/08/24	09:46:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2010/08/24	09:46:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/08/24	09:46:20.0	XRT_AEC_RESET_441_OG [0x1b9]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2010/08/24	09:46:22.0	XRT_ARS_DIS_420_OG [0x1a4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2010/08/24	09:48:56.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/24	09:48:58.0	XRT_QT_PROG_SET_410_OG [0x19a]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2010/08/24	09:49:00.0	XRT_FL_PROG_SET_405_OG [0x195]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/08/24	09:49:02.5	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/24	10:52:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	10:52:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/24	10:52:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/24	10:55:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/24	11:14:30.0	XRT_Custom_418_OG [0x1a2]			
2010/08/24	11:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/24	12:39:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	12:39:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/24	12:39:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/24	12:42:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/24	12:53:00.0	XRT_Custom_418_OG [0x1a2]			
2010/08/24	12:54:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/24	14:17:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	14:17:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/24	14:17:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/24	14:20:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/24	14:31:30.0	XRT_Custom_418_OG [0x1a2]			
2010/08/24	14:32:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/24	14:38:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	14:38:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/24	14:38:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/24	14:41:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/24	14:48:00.0	XRT_Custom_418_OG [0x1a2]			
2010/08/24	14:49:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/24	15:56:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	15:56:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/24	15:56:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/24	15:59:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/24	16:10:00.0	XRT_Custom_418_OG [0x1a2]			
2010/08/24	16:11:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/24	16:12:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	16:12:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/24	16:12:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/24	16:15:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/24	16:36:00.0	XRT_Custom_418_OG [0x1a2]			
2010/08/24	16:37:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/24	17:35:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/24	17:35:02.0	XRT_FLD_RESET_412_OG [0x19c]			

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2010/08/24	17:35:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2010/08/24	17:38:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2010/08/24	17:48:30.0	XRT_Custom_418_OG [0x1a2]									
2010/08/24	17:49:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2010/08/24	17:49:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da					
2010/08/24	17:49:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2010/08/24	17:49:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2010/08/24	17:52:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2010/08/24	18:12:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2010/08/24	18:12:26.0	XRT_FOCUS_RECALIBRATE_449_OG [0x1c1]	XRT_FOCUS_RECAL	2	07-F8	78	00				
2010/08/24	18:12:30.0	AOCS_Orе-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00	00
2010/08/24	18:16:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00		
2010/08/24	18:16:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9					
2010/08/24	18:16:48.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2010/08/24	18:16:50.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5					
2010/08/24	18:19:28.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da					
2010/08/24	18:19:30.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03				
2010/08/24	18:19:32.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2010/08/24	18:22:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2010/08/24	18:22:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2010/08/24	18:22:30.0	AOCS_Orе-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04	00	00	00	00	00
2010/08/24	18:22:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8					
2010/08/24	18:22:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2010/08/24	18:22:50.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0					
2010/08/24	18:22:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5					
2010/08/24	18:25:26.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da					
2010/08/24	18:25:28.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14				
2010/08/24	18:25:30.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07				
2010/08/24	18:25:32.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2010/08/24	19:13:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2010/08/24	19:13:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da					
2010/08/24	19:13:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2010/08/24	19:16:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2010/08/24	19:49:30.0	XRT_Custom_418_OG [0x1a2]									
2010/08/24	19:50:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2010/08/24	20:52:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2010/08/24	20:52:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da					
2010/08/24	20:52:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2010/08/24	20:55:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2010/08/24	21:27:00.0	XRT_Custom_418_OG [0x1a2]									
2010/08/24	21:28:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2010/08/24	22:30:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1					
2010/08/24	22:30:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da					
2010/08/24	22:30:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2010/08/24	22:33:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2010/08/24	23:02:00.0	XRT_Custom_418_OG [0x1a2]									
2010/08/24	23:03:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2010/08/25	00:09:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1					

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2010/08/25	00:09:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/25	00:09:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/25	00:12:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/25	00:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/25	00:27:32.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/08/25	00:27:52.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/08/25	00:27:54.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/08/25	00:27:56.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0
2010/08/25	00:27:58.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/08/25	00:30:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/25	00:30:34.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2010/08/25	00:30:36.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/08/25	00:30:38.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/25	01:42:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/25	01:42:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/25	01:42:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/25	01:45:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/25	02:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/25	02:02:02.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2010/08/25	02:02:22.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2010/08/25	02:02:24.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2010/08/25	02:02:26.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0
2010/08/25	02:02:28.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/08/25	02:05:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/25	02:05:04.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2010/08/25	02:05:06.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2010/08/25	02:05:08.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/25	03:17:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/25	03:17:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/25	03:17:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/25	03:20:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/25	03:39:00.0	XRT_Custom_418_OG [0x1a2]				
2010/08/25	03:40:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/25	04:47:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/25	04:47:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/25	04:47:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2010/08/25	04:50:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2010/08/25	05:17:30.0	XRT_Custom_418_OG [0x1a2]				
2010/08/25	05:18:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2010/08/25	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2010/08/25	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2010/08/25	06:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2010/08/25	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9
2010/08/25	06:00:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2010/08/25	06:00:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2010/08/25	06:02:58.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2010/08/25	06:03:00.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2010/08/25	06:03:02.5	XRT_CTRL_AUTO_406_OG [0x196]				

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2010/08/25	06:09:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/25	06:09:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2010/08/25	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 b0 73 00 fd		
2010/08/25	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2010/08/25	06:10:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2010/08/25	06:10:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2010/08/25	06:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2010/08/25	06:12:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/08/25	06:12:58.0	XRT_QT_PROG_SET_410_OG [0x19a]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09		
2010/08/25	06:13:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2010/08/25	06:13:02.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/08/25	06:27:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/25	06:27:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/08/25	06:27:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/08/25	06:30:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/08/25	06:56:00.0	XRT_Custom_418_OG [0x1a2]						
2010/08/25	06:57:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/08/25	08:08:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/25	08:08:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/08/25	08:08:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/08/25	08:11:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/08/25	08:34:30.0	XRT_Custom_418_OG [0x1a2]						
2010/08/25	08:35:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/08/25	09:48:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/25	09:48:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/08/25	09:48:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/08/25	09:51:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/08/25	10:12:30.0	XRT_Custom_418_OG [0x1a2]						
2010/08/25	10:13:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2010/08/25	11:38:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/25	11:38:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da		
2010/08/25	11:38:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2010/08/25	11:41:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2010/08/25	12:00:00.0	XRT_CTRL_MANU_440_OG [0x1b8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/25	12:00:30.0	XRT_TCIB_XRT_S_HTR_A_ENA_429_OG [0x1ad]	TCIB_XRT_S_HTR_A_ENA	0	04-BC			
2010/08/25	14:00:30.0	XRT_Custom_433_OG [0x1b1]						
2010/08/25	16:00:30.0	XRT_Custom_433_OG [0x1b1]						
2010/08/25	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2010/08/25	18:00:30.0	XRT_Custom_433_OG [0x1b1]						
2010/08/25	18:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04 00 00 00 00		
2010/08/25	20:00:30.0	XRT_Custom_434_OG [0x1b2]						
2010/08/25	20:00:40.0	XRT_Custom_433_OG [0x1b1]						
2010/08/25	22:00:40.0	XRT_Custom_436_OG [0x1b4]						
2010/08/26	00:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	02 00 00 00 00		
2010/08/26	00:00:18.0	XRT_Custom_434_OG [0x1b2]						
2010/08/26	00:00:28.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/26	00:00:30.0	XRT_TCIB_XRT_S_HTR_A_DIS_443_OG [0x1bb]	TCIB_XRT_S_HTR_A_DIS	0	04-C0			
2010/08/26	00:03:02.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2010/08/26	00:03:05.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2010/08/26	00:03:25.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2010/08/26	00:03:27.0	XRT_ARS_DIS_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5		

2010/08/26	00:03:29.0	XRT_FLD_DIS_427_OG [0x1ab]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/08/26	00:03:31.0	XRT_FLRCTRL_DIS_428_OG [0x1ac]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/08/26	00:03:33.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	00:47:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	00:47:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	00:47:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/08/26	00:50:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/08/26	01:01:30.0	XRT_Custom_418_OG [0x1a2]							
2010/08/26	01:02:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	02:17:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	02:17:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	02:17:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/08/26	02:20:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/08/26	02:37:30.0	XRT_Custom_418_OG [0x1a2]							
2010/08/26	02:38:30.5	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	03:46:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	03:46:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	03:46:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/08/26	03:49:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/08/26	04:15:30.0	XRT_Custom_418_OG [0x1a2]							
2010/08/26	04:16:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	05:25:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	05:25:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	05:25:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/08/26	05:28:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/08/26	05:54:00.0	XRT_Custom_418_OG [0x1a2]							
2010/08/26	05:55:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	06:01:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	06:01:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/08/26	06:02:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2010/08/26	06:02:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/08/26	06:02:18.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/08/26	06:02:20.5	XRT_ARS_DIS_404_OG [0x194]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/08/26	06:04:58.5	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	06:05:00.5	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2010/08/26	06:05:02.5	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	06:11:54.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	06:12:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 2e f9 2e f9				
2010/08/26	06:14:32.0	XRT_FOCUS_POSITION_423_OG [0x1a7]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/08/26	06:14:52.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2010/08/26	06:14:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/08/26	06:14:56.0	XRT_FLRCTRL_DIS_403_OG [0x193]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/08/26	06:14:58.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/08/26	06:15:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	06:21:54.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	06:22:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 2e f9 d1 07				
2010/08/26	06:24:32.0	XRT_FOCUS_POSITION_423_OG [0x1a7]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/08/26	06:24:52.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2010/08/26	06:24:54.0	XRT_FLD_DIS_402_OG [0x192]							

2010/08/26	06:24:56.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLD_DIS	1	07-F0	d9				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/08/26	06:24:58.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/08/26	06:25:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	06:31:54.0	XRT_CTRL_MANU_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	06:32:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 d1 07 d1 07				
2010/08/26	06:34:32.0	XRT_ROI_A_425_OG [0x1a9]	MDP_XRT_ROI_SET	6	07-F0	cd 05 85 83 08 08				
			MDP_XRT_ROI_SET	6	07-F0	cd 06 c0 40 10 10				
			MDP_XRT_ROI_SET	6	07-F0	cd 07 80 80 20 20				
			MDP_XRT_ROI_SET	6	07-F0	cd 0a 85 83 08 08				
			MDP_XRT_ROI_SET	6	07-F0	cd 0e 40 40 10 10				
			MDP_XRT_ROI_SET	6	07-F0	cd 0f 80 80 06 06				
			MDP_XRT_ROI_SET	6	07-F0	cd 10 80 80 08 08				
2010/08/26	06:34:37.0	XRT_FOCUS_POSITION_423_OG [0x1a7]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/08/26	06:34:57.0	XRT_QT_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2010/08/26	06:34:59.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/08/26	06:35:01.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/08/26	06:35:03.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/08/26	06:35:05.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	06:41:54.0	XRT_CTRL_MANU_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	06:42:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 d1 07 2e f9				
2010/08/26	06:44:32.0	XRT_FOCUS_POSITION_423_OG [0x1a7]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2010/08/26	06:44:52.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2010/08/26	06:44:54.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2010/08/26	06:44:56.0	XRT_FLRCTRL_DIS_403_OG [0x193]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2010/08/26	06:44:58.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/08/26	06:45:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	06:51:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	06:51:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2010/08/26	06:52:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04 00 00 00 00				
2010/08/26	06:52:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2010/08/26	06:52:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2010/08/26	06:52:20.0	XRT_AEC_RESET_441_OG [0x1b9]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2010/08/26	06:52:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2010/08/26	06:54:56.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	06:54:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2010/08/26	06:55:00.0	XRT_FL_PROG_SET_405_OG [0x195]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2010/08/26	06:55:02.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	07:05:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	07:05:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	07:05:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/08/26	07:08:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/08/26	07:32:30.0	XRT_Custom_418_OG [0x1a2]								
2010/08/26	07:33:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	08:45:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2010/08/26	08:45:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
2010/08/26	08:45:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2010/08/26	08:48:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2010/08/26	09:11:00.0	XRT_Custom_418_OG [0x1a2]								
2010/08/26	09:12:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2010/08/26	10:25:55.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

2010/08/26 10:59:00.0 AACS_OrE-point_Start_2_OG [0x098]
AOCU_NM 5 02-76 00 00 00 00 00