

XRT Timeline to be uploaded on 2013/02/14

Period: 2013/02/14 09:34:00 - 2013/02/19 11:00:00

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Normal mode

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XOB #196B: Synoptic Q95 2x2 - Al/mesh(44/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(88/2048) + Thin-Be(25)

Term	Pointing (x, y)	Comment
02/15 06:01:30 - 02/15 06:26:30	Fixed (0.0, 0.0)	synoptic, shifted -1.5 min
02/15 18:03:00 - 02/15 18:09:54	Fixed (0.0, 0.0)	synoptic.
02/16 06:03:30 - 02/16 06:10:24	Fixed (0.0, 0.0)	synoptic, shifted 0.5 min
PROG= 12 1-time(s)		
Subr= 1 1-time(s) 14.0sec		
Seqn= 96 1-time(s) 4.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 44ms 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= 6 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= 41 1-time(s) 4.0sec		
Open/Ti-poly	Open/Ti-poly close	Safe Norm 86ms 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= 30 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 69 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 8ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 68 1-time(s) 2.0sec		
Open/G-band	Open/G-band close	Safe Norm 32ms Obs 1x1 2048x2048 (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 #1958: Synoptic 9 Filter 2x2 Q98 + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + G-Band VLS Closed Test (33) - 1 loop

Term	Pointing (x, y)	Comment
02/15 06:45:30 - 02/15 06:59:54	Fixed (0.0, 0.0)	synoptic, shifted -1.5 min
PROG= 20 1-time(s)		
Subr= 1 1-time(s) 85.0sec		
Seqn= 82 1-time(s) 7.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 6 1-time(s) 22.0sec		
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= 76 1-time(s) 8.0sec		
Open/Ti-poly	Open/Ti-poly close	Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly close	Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 77 1-time(s) 12.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 79 1-time(s) 10.0sec		
C-poly/Open	C-poly/Open close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
C-poly/Open	C-poly/Open close	Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 75 1-time(s) 10.0sec		
Al-poly/Ti-poly	Al-poly/thick-Al close	Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 78 1-time(s) 15.0sec		
thin-Be/Open	thin-Be/Open close	Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 150.0sec		
Seqn= 34 1-time(s) 29.0sec		
med-Al/Open	med-Al/Open close	Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 83 1-time(s) 84.0sec		
Open/thick-Be	Open/thick-Be close	Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 69 2-time(s) 13.0sec		
Open/G-band	Open/G-band open	Safe Norm 8ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 68 1-time(s) 10.0sec		
Open/G-band	Open/G-band close	Safe Norm 32ms Obs 1x1 2048x2048 (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 #1905: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh, Ti/Poly-long-2 - w leak image

Term	Pointing (x, y)	Comment
02/15 07:03:00 - 02/15 07:09:54	Fixed (-528.4, -528.4)	# XRT post-bakeout quadrant pointings 1/4.
PROG= 17 1-time(s)		

Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 1 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= 7 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
Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 15 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	2048x2048	(1024, 1024)	DPCM	0 0 2.0sec
└─ Seqn= 8 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	12ms	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 #1906: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh,Ti/Poly -long-w leak image

Term		Pointing (x, y)				Comment						
02/15 07:13:00 - 02/15 07:19:54		Fixed (528.4, -528.4)				# 2/4						
PROG= 04 1-time(s)												
Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 2 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= 7 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
Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 15 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	2048x2048	(1024, 1024)	DPCM	0 0 2.0sec
└─ Seqn= 8 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	12ms	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 #1907: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant- Al/mesh, Ti/Poly-long-w leak image

Term		Pointing (x, y)				Comment						
02/15 07:23:00 - 02/15 07:29:54		Fixed (528.4, 528.4)				# 3/4						
PROG= 06 1-time(s)												
Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 3 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= 7 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
Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 15 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	2048x2048	(1024, 1024)	DPCM	0 0 2.0sec
└─ Seqn= 8 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	12ms	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 #1908: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh, Ti/Poly-long-w leak image

Term		Pointing (x, y)				Comment						
02/15 07:33:00 - 02/15 07:39:54		Fixed (-528.4, 528.4)				# 4/4						
PROG= 08 1-time(s)												
Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 4 1-time(s) 12.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0 0 2.0sec
Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 7 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
Subr= 3 1-time(s) 2.0sec												
└─ Seqn= 15 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	2048x2048	(1024, 1024)	DPCM	0 0 2.0sec
└─ Seqn= 8 1-time(s) 2.0sec												

Open/G-band	Open/G-band	open	Safe	Norm	12ms	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 #1961: AR Standard-B(Morphology) with PFB 384 FOV, thin-Be + multifilter context, 512x512 at 1064 1048, 60s-cad, shorter G-band (33ms) w/ G-Band

Term	Pointing (x, y)	Comment										
02/15 07:43:00 - 02/15 17:59:54	Fixed (-942.5, -250.0)	# AR cont.										
02/15 18:13:00 - 02/16 06:00:24	Fixed (-942.5, -250.0)	# AR cont.										
PROG= 05 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 24 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	32ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 61 1-time(s) 2.0sec												
Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
Seqn= 27 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-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Al-poly/Open	Al-poly/thick-Be	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
C-poly/Open	C-poly/thick-Al	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 99 70-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	15.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	15.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	15.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	15.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1962: AR Standard-B(Morphology) with PFB, thin-Be + multifilter context, 384x384 at 1064 1048, 120s-cad, shorter G-band (33ms) w/ G-Band VLS CL

Term	Pointing (x, y)	Comment										
02/16 06:13:30 - 02/16 10:20:00	Fixed (-942.5, -250.0)	# AR cont.										
PROG= 07 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn=100 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 19 1-time(s) 2.0sec												
Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Seqn= 65 4-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-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Al-poly/Open	Al-poly/thick-Be	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
C-poly/Open	C-poly/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 73 70-time(s) 120.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	12.5sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	12.5sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	12.5sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	12.5sec
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 #1920: Flare obs. dynamics - thin-Be high cadence + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2)-Gband (45ms)-15 loops

Term	Pointing (x, y)	Comment										
02/15 07:43:00 - 02/15 17:59:54	Fixed (-942.5, -250.0)	# AR cont.										
02/15 18:13:00 - 02/16 06:00:24	Fixed (-942.5, -250.0)	# AR cont.										
02/16 06:13:30 - 02/16 10:20:00	Fixed (-942.5, -250.0)	# AR cont.										
PROG= 16 15-time(s)												
Subr= 1 45-time(s) 10.0sec												
Seqn= 35 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Subr= 2 1-time(s) 10.0sec												
Seqn= 36 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	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= 37 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 38 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	44ms	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

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Active Region Search

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NOT USED

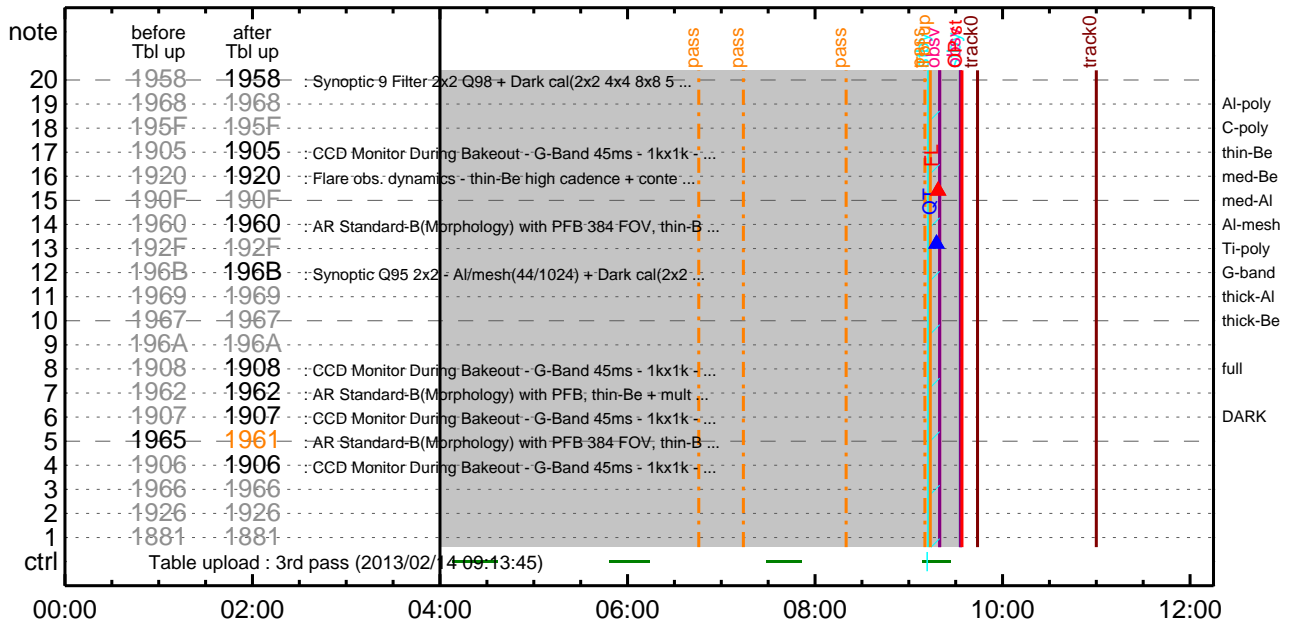
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Flare Detection

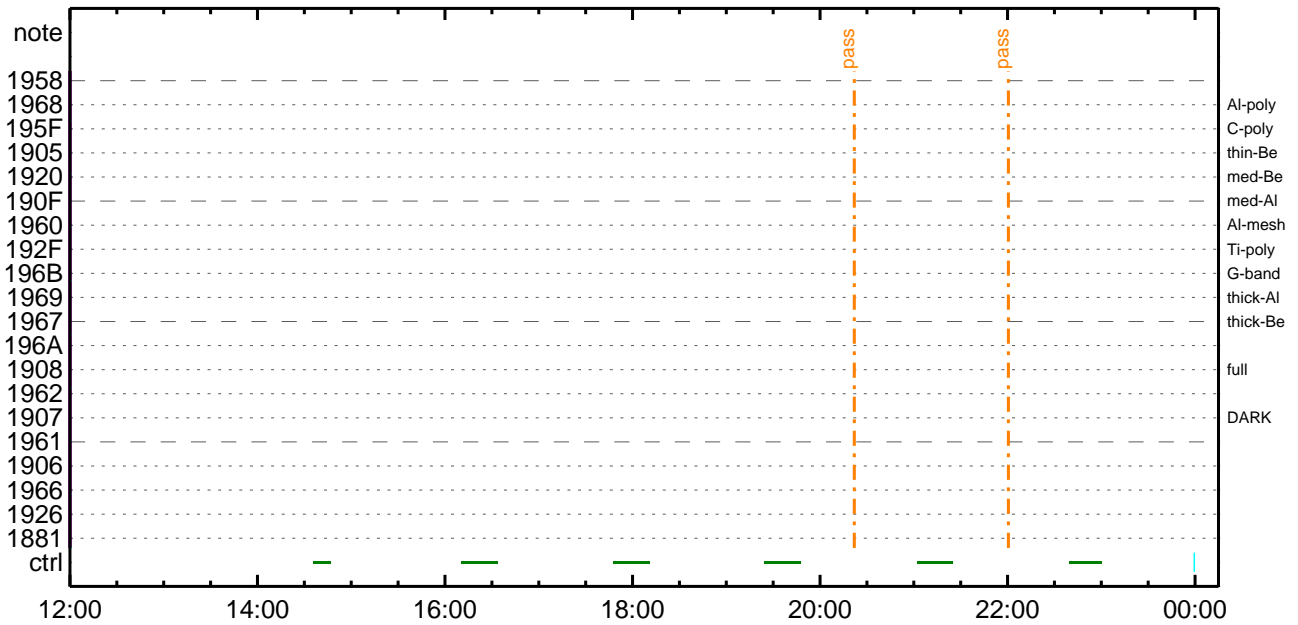
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FLD Patrol											
Term		Pointing (x, y)						Comment			
02/15 07:40:16 - 02/15 18:00:16		Fixed (-942.5, -250.0)						# AR cont.			
02/15 18:10:16 - 02/16 06:00:46		Fixed (-942.5, -250.0)						# AR cont.			
02/16 06:10:46 - 02/19 11:00:00		Fixed (-942.5, -250.0)						# AR cont.			
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

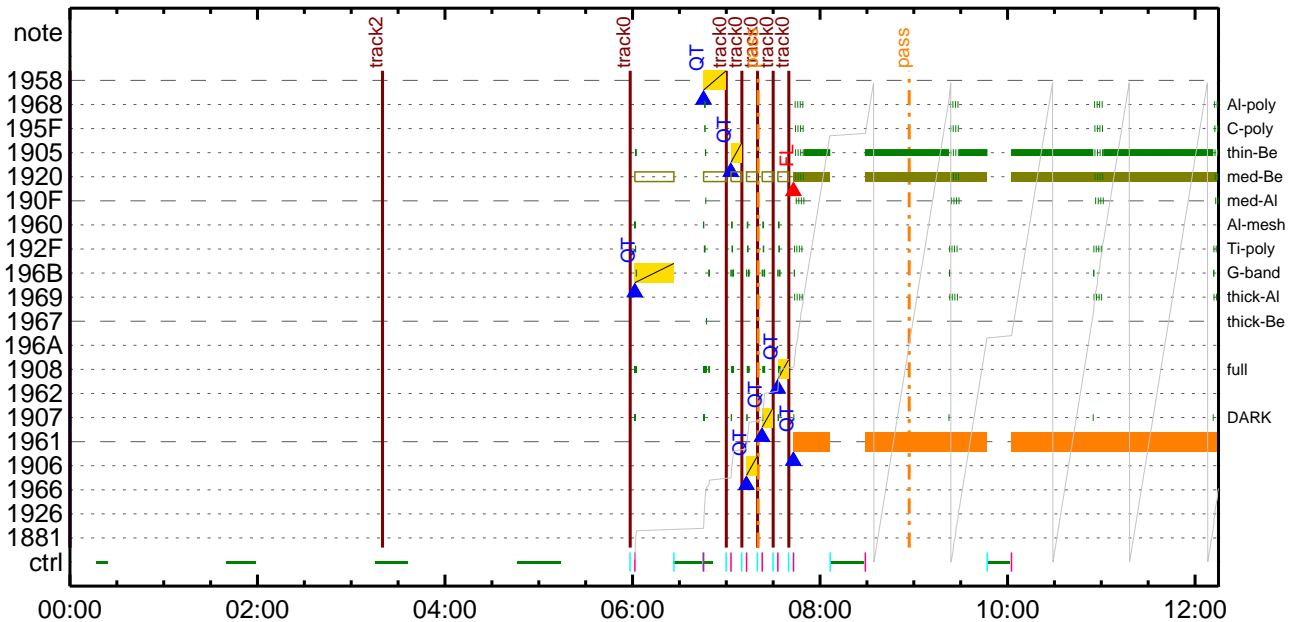
CMDI #0259 2013/02/14



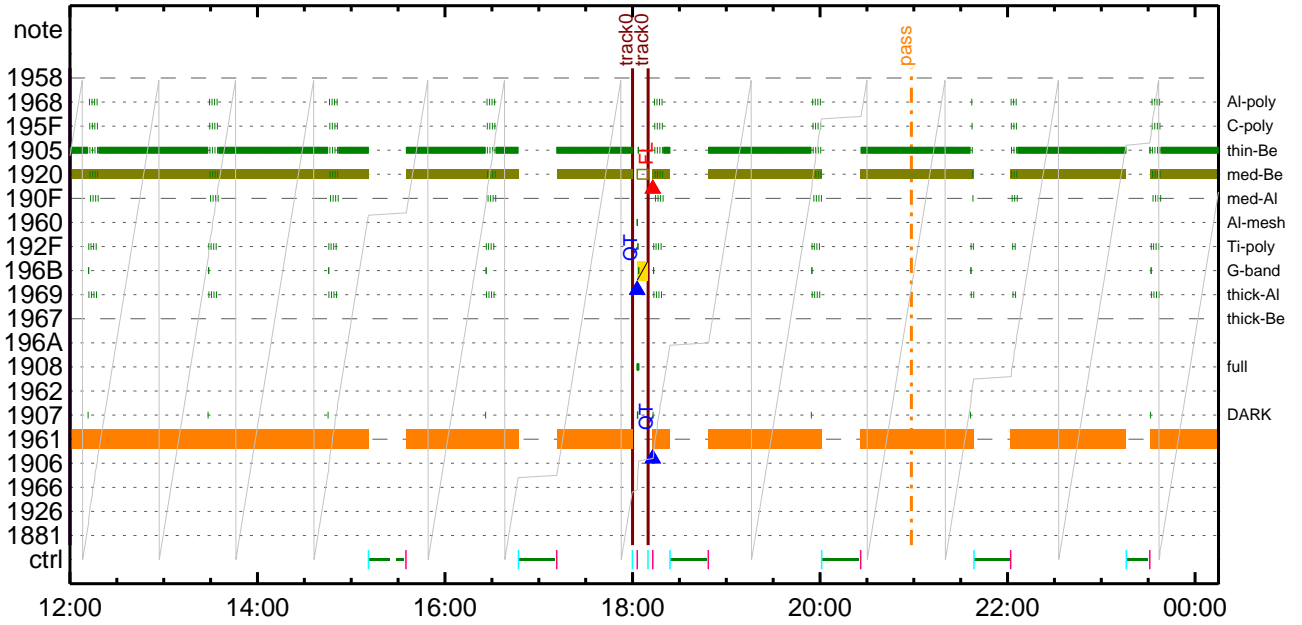
CMDI #0259 2013/02/14



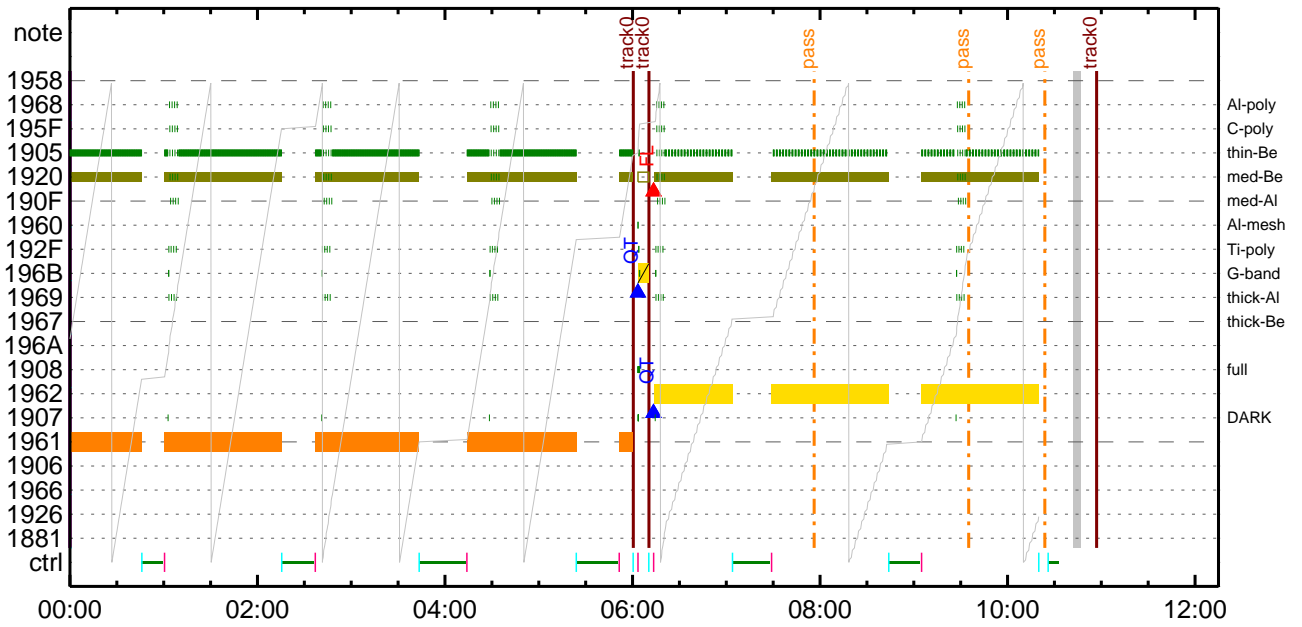
CMDI #0259 2013/02/15



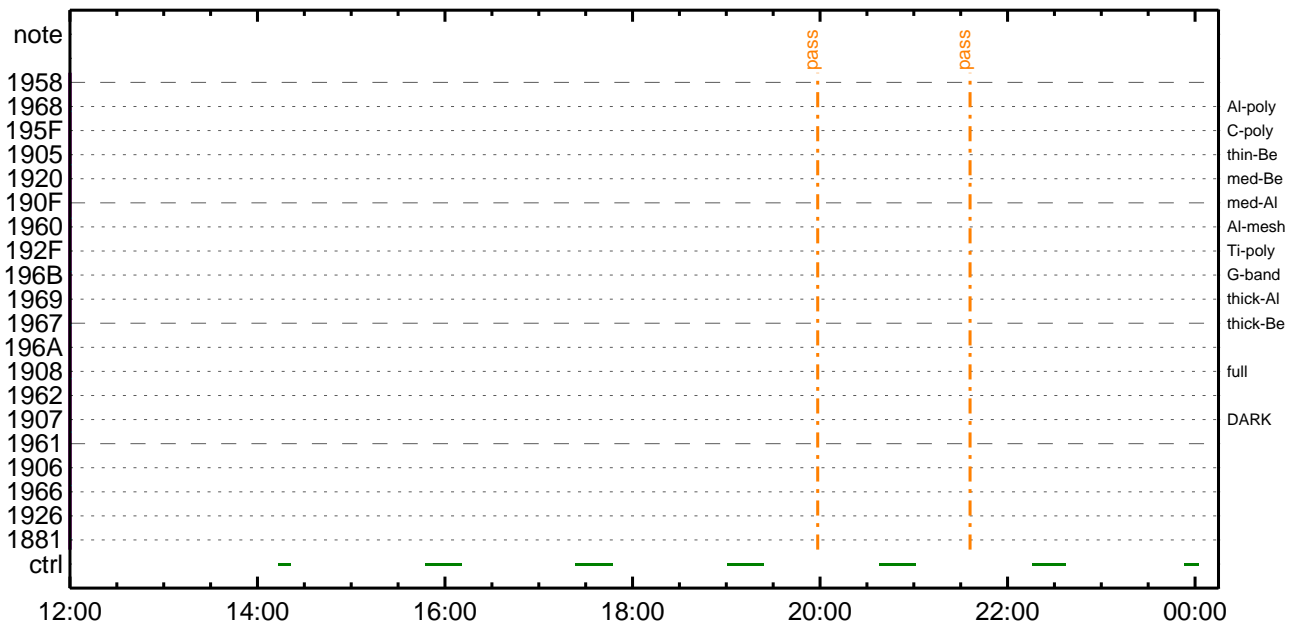
CMDI #0259 2013/02/15



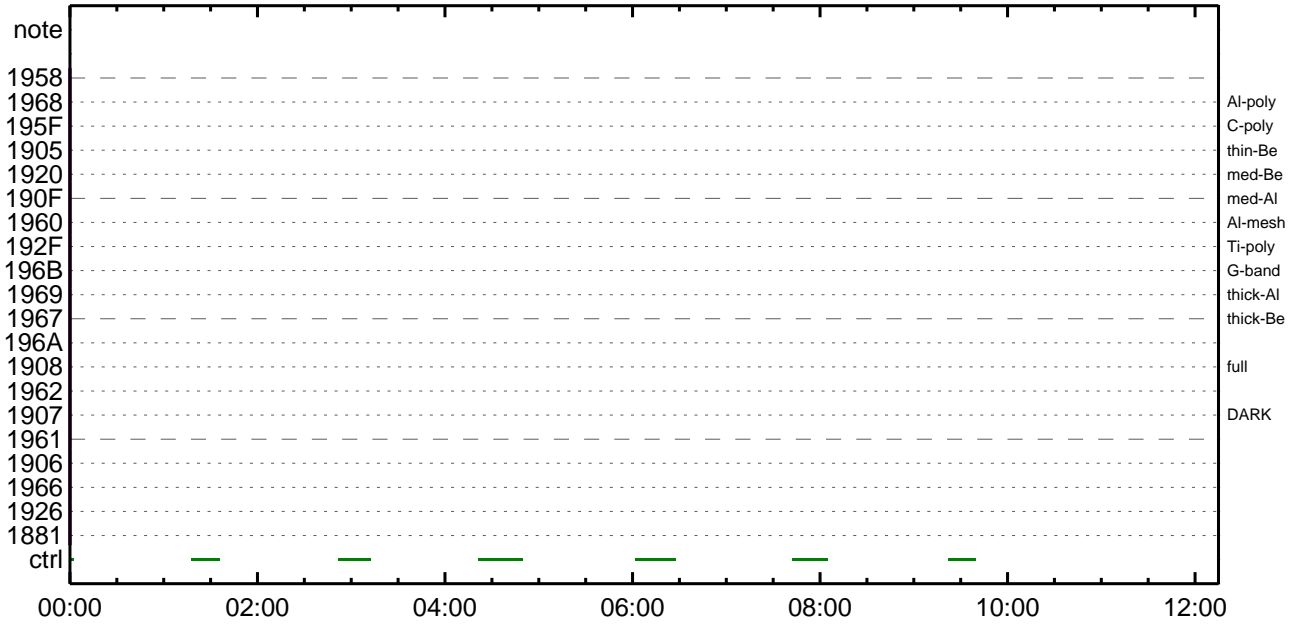
CMDI #0259 2013/02/16



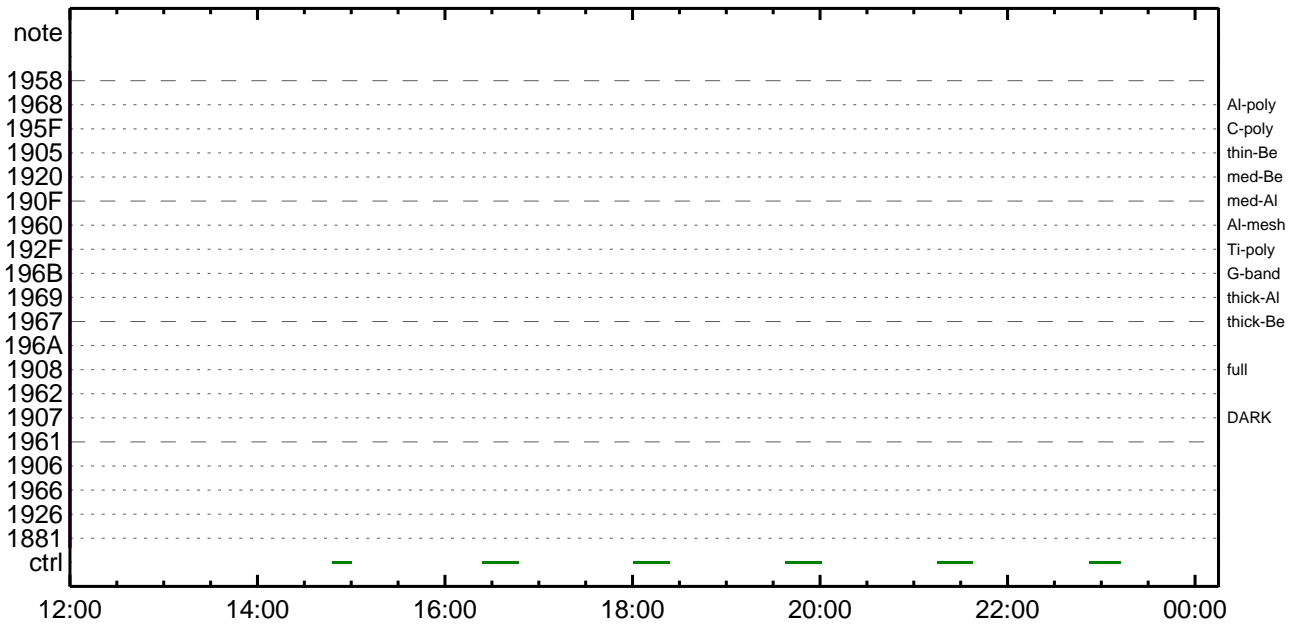
CMDI #0259 2013/02/16



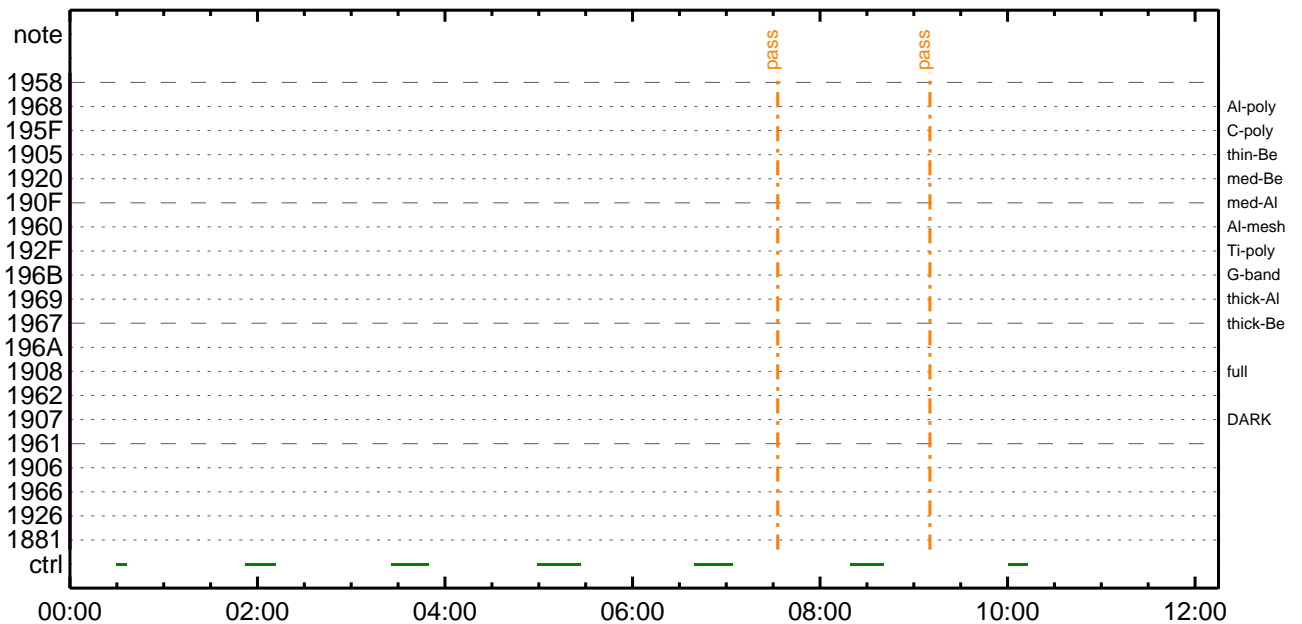
CMDI #0259 2013/02/17



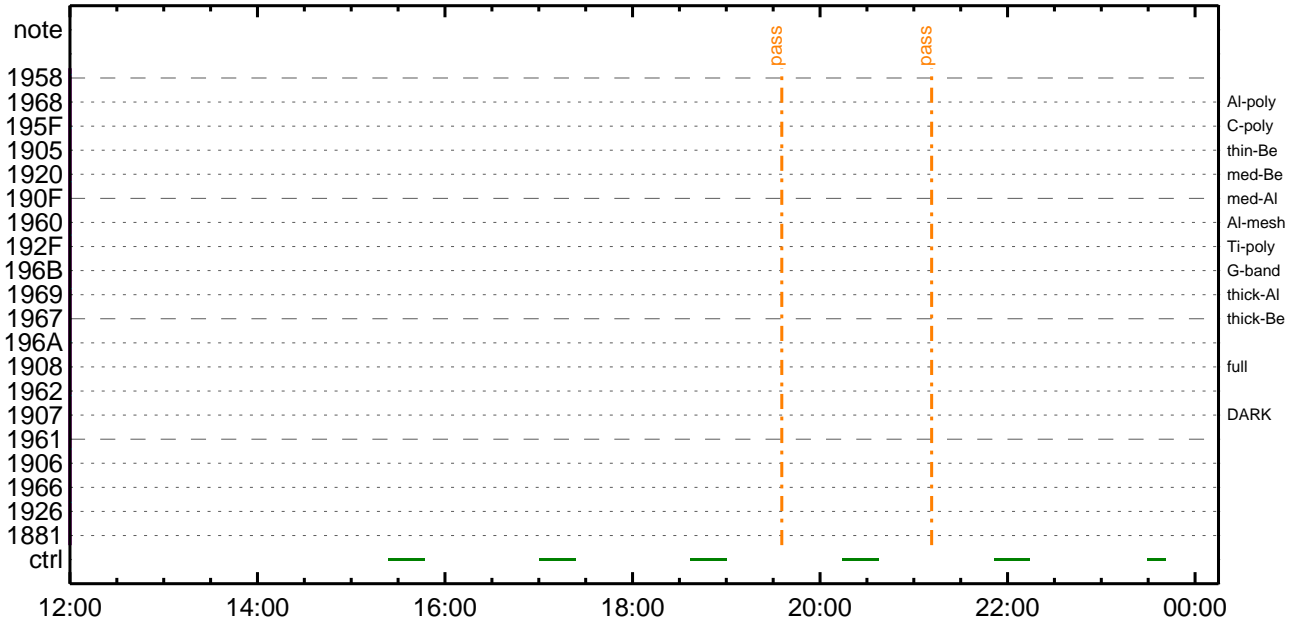
CMDI #0259 2013/02/17



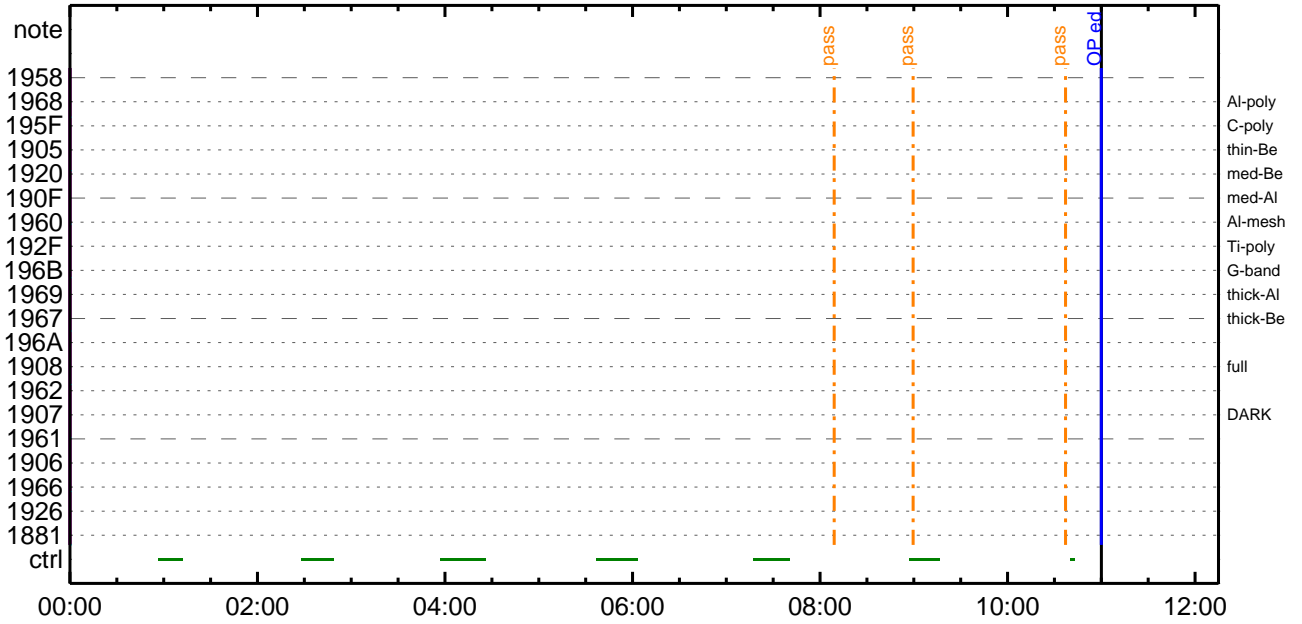
CMDI #0259 2013/02/18



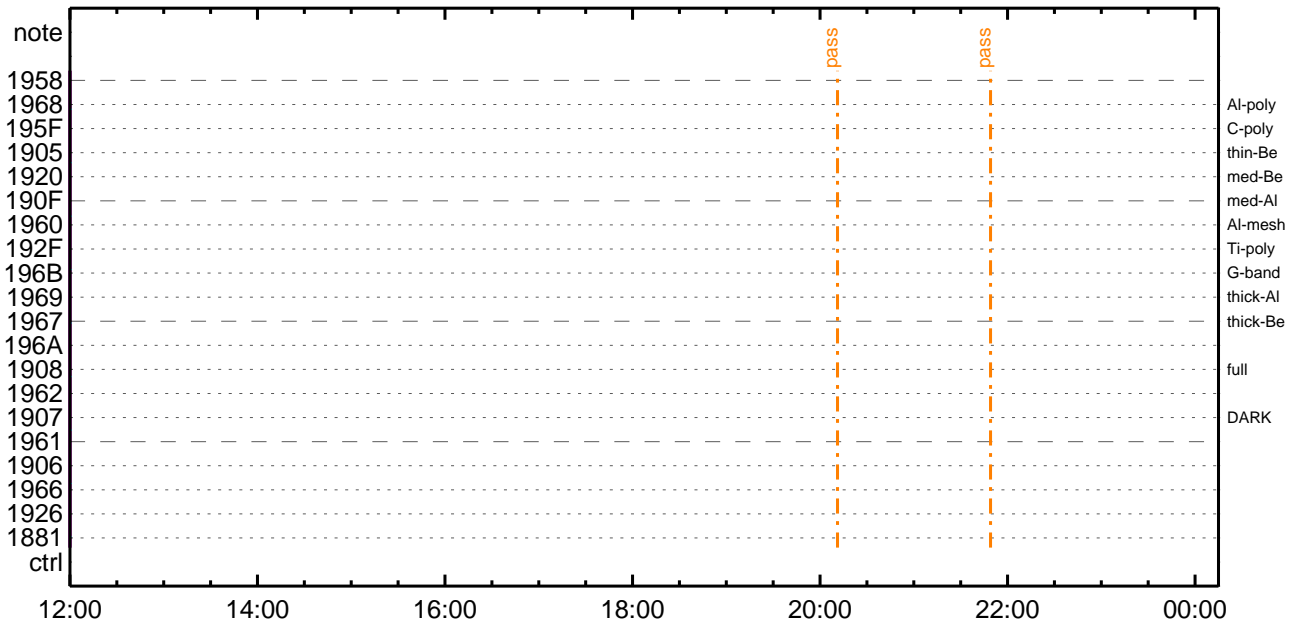
CMDI #0259 2013/02/18



CMDI #0259 2013/02/19



CMDI #0259 2013/02/19




```

0096 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0097 C.
0098 . C.  TI 2013-02-14 09:29:00.0
0099 +. TI 2013-02-14 09:29:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0102 C.
0103 +. TI 2013-02-14 09:29:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0106 C.
0107 +. TI 2013-02-14 09:29:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0110 C.
0111 +. TI 2013-02-14 09:33:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0114 C.
0115 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0116 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0117 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0118 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0119 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0120 C.
0121 . C. *****
0122 C.  TI 2013-02-14 09:33:59.5
0123 C. *****
0124 C.
0125 C.  TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC          (03 ab 03 01 02)
0128 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0129 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0130 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0131 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0132 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0136 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0137 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0138 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0139 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0140 C.
0141 . C.  RAM ID=TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0142 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0143 C.
0144 . C.  RAM ID=TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0145 C.
0146 . C.  DHU_DMA_DMP_PRM_SET(03 ab 03 01 02)
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0150 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0151 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0152 C.          03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0
0153 C.
0154 C. *****
0155 C.  SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2013-02-14 09:33:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC          (41)
0161 . C. -----
0162 C.  HK1_TI_CMD_NUM = 1 CNTUP [ ]
0163 C. -----
0164 C. ***** SOT END *****
0165 . C. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2013-02-14 09:33:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC          (21 02)
0174 +. TI 2013-02-14 09:33:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC          (22)
0177 . C.          [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2013-02-14 09:33:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC          (c3)
0187 . C.          [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 . C. ***** MDP `u3:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0 *****
0192 C. (03:33:00.0; DC SET 03:33:00.0; DC 03:33:00.0)
0193 . S. DC-BC dcbc-402:DCBC

```

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOSŸÁŸSŸÃŸ-¼Â»Û;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 STATUS] 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. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_MANU
0131 BC (21 02)
0132 . C. Verify EIS in MANUAL mode
0133 . C. Estimated OBSTBL upload time is 15s
0134 C. *****
0135 C. EIS START OBSTBL LOAD
0136 C. *****
0137 . S. RAM ram-820:EIS_OBSTBL
0138 ( )
0139 +. DC 07-FC EIS_DUMP_OBSTBL
0140 BC (07 07 07 00 00 70 00)
0141 C.
0142 C. Execute, after the success of OBSTBL upload.
0143 C. Set EIS TI-commands
0144 +. TI 2013-02-14 09:33:50.0
0145 DC 07-FC EIS_MODE_CHG_ENA
0146 BC (20)
0147 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0148 C. *****
0149 C. EIS END OBSTBL LOAD
0150 C. *****
0151 C.
0152 . C. ***** MDP 'úÃîîî»ö¼ÝðËÄð¹ñèDCBC•x²è *****
0153 C. (%ã°îÿÓÿÄÿËÿPÿËÿÄÿçÿèñË¼ð¼Ä»Û¹ñè)
0154 . S. DC-BC dcbc-402:DCBC
0155 (MDP_known_event)
0156 C.
0157 C.
0158 . C. ***** ÝDÿ¹•Ï Daily±¿ÎÑñË'Ø¹ñèDCBC•x²è *****
0159 . S. DC-BC dcbc-153:DCBC
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0161 C.
0162 C.
0163 . C. ;ãLOSÿÄÿSÿÄÿ-¼Ä»Û;ã
0164 C.
0165 . C. ***** LOS *****
0166 C.

```



```
0096 + DC 07-F0 MDP_XRT_FLD_ENA
0097 BC (d8)
0098 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0099 BC (c8)
0100 + DC 07-F0 MDP_XRT_AEC_RESET
0101 BC (d0)
0102 + DC 07-F0 MDP_XRT_ARS_DIS
0103 BC (d5)
0104 + DC 07-F0 MDP_XRT_FLD_RESET
0105 BC (da)
0106 + DC 07-F0 MDP_XRT_QT_PROG_SET
0107 BC (c4 0e)
0108 + DC 07-F0 MDP_XRT_FL_PROG_SET
0109 BC (c5 10)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C.
0113 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0114 C.
0115 + DC 07-F0 MDP_XRT_MODE_OBSV
0116 BC (c2)
0117 + TI 2013-02-14 09:33:02.0
0118 DC 07-F0 MDP_XRT_MODE_OBSV
0119 BC (c2)
0120 . C. ----- Success Verify ? OK / NG ____
0121 C.
0122 C. ***** XRT END *****
0123 C.
0124 . C. ***** MDP 'ûÃîñî»ö¼ÿñÊÂðñ¹ñèDCBC•x²è *****
0125 C. (¼ã°îÿÓÿÃÿÈÿÞÿËÿÄÿÇÿèñ¼¼ã¼Ä»Ûñ¹ñè)
0126 . S. DC-BC dcbc-402:DCBC
0127 (MDP_known_event)
0128 C.
0129 C.
0130 . C. ***** ÿDÿ¹•î Daily±;îññÊ'Øñ¹ñèDCBC•x²è *****
0131 . S. DC-BC dcbc-153:DCBC
0132 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0133 C.
0134 C.
0135 . C. ;ãLOSÿÃÿSÿËÿ-¼Ä»Û;ã
0136 C.
0137 . C. ***** LOS *****
0138 C.
```

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*** OP Sequence for XRT ***

```

2013/02/14 09:44:00.0 AOCS_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 00 ee 36 54 00
2013/02/14 11:00:00.0 AOCS_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 00 16 35 53 c6
2013/02/14 23:59:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2013/02/14 23:59:32.0 XRT_TCIB_XRT_S_HTR_A_DIS_431_OG [0x1af]
                        TCIB_XRT_S_HTR_A_DIS      0 04-C0
2013/02/15 03:20:00.0 AOCS_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 02 00 00 00 00
2013/02/15 05:58:24.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2013/02/15 05:58:26.0 XRT_FOCUS_POSITION_403_OG [0x193]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2013/02/15 05:58:30.0 AOCS_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2013/02/15 05:58:46.0 XRT_FLD_DIS_404_OG [0x194]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2013/02/15 05:58:48.0 XRT_FLRCTRL_DIS_405_OG [0x195]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2013/02/15 05:58:50.0 XRT_ARS_DIS_406_OG [0x196]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2013/02/15 06:01:28.0 XRT_QT_PROG_SET_417_OG [0x1a1]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 0c
2013/02/15 06:01:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2013/02/15 06:26:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2013/02/15 06:26:32.0 XRT_FLD_RESET_424_OG [0x1a8]
                        MDP_XRT_FLD_RESET          1 07-F0 da
2013/02/15 06:26:34.0 XRT_PREFLR_STRT_432_OG [0x1b0]
                        MDP_XRT_PREFLR_STRT        1 07-F0 e8
2013/02/15 06:29:44.0 XRT_PREFLR_STOP_433_OG [0x1b1]
                        MDP_XRT_PREFLR_STOP        1 07-F0 e9
2013/02/15 06:45:00.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2013/02/15 06:45:02.0 XRT_FOCUS_POSITION_403_OG [0x193]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2013/02/15 06:45:22.0 XRT_FLD_DIS_404_OG [0x194]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2013/02/15 06:45:24.0 XRT_FLRCTRL_DIS_405_OG [0x195]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2013/02/15 06:45:26.0 XRT_ARS_DIS_412_OG [0x19c]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2013/02/15 06:45:28.0 XRT_QT_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 14
2013/02/15 06:45:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2013/02/15 06:59:54.0 XRT_CTRL_MANU_443_OG [0x1bb]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2013/02/15 07:00:00.0 AOCS_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2013/02/15 07:02:32.0 XRT_FOCUS_POSITION_441_OG [0x1b9]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2013/02/15 07:02:52.0 XRT_QT_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 11
2013/02/15 07:02:54.0 XRT_FLD_DIS_404_OG [0x194]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2013/02/15 07:02:56.0 XRT_FLRCTRL_DIS_405_OG [0x195]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2013/02/15 07:02:58.0 XRT_ARS_DIS_412_OG [0x19c]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2013/02/15 07:03:00.0 XRT_CTRL_AUTO_413_OG [0x19d]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2013/02/15 07:09:54.0 XRT_CTRL_MANU_443_OG [0x1bb]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2013/02/15 07:10:00.0 AOCS_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2013/02/15 07:12:32.0 XRT_FOCUS_POSITION_441_OG [0x1b9]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2013/02/15 07:12:52.0 XRT_QT_PROG_SET_442_OG [0x1ba]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 04
2013/02/15 07:12:54.0 XRT_FLD_DIS_404_OG [0x194]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2013/02/15 07:12:56.0 XRT_FLRCTRL_DIS_405_OG [0x195]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2013/02/15 07:12:58.0 XRT_ARS_DIS_412_OG [0x19c]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2013/02/15 07:13:00.0 XRT_CTRL_AUTO_413_OG [0x19d]
                        MDP_XRT_CTRL_AUTO         1 07-F0 c0
2013/02/15 07:19:54.0 XRT_CTRL_MANU_443_OG [0x1bb]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2013/02/15 07:20:00.0 AOCS_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2013/02/15 07:22:32.0 XRT_FOCUS_POSITION_441_OG [0x1b9]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2013/02/15 07:22:52.0 XRT_QT_PROG_SET_446_OG [0x1be]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 06
2013/02/15 07:22:54.0 XRT_FLD_DIS_404_OG [0x194]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2013/02/15 07:22:56.0 XRT_FLRCTRL_DIS_405_OG [0x195]

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2013/02/15	07:22:58.0	XRT_ARS_DIS_412_OG [0x19c]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
			MDP_XRT_ARS_DIS	1	07-F0	d5
2013/02/15	07:23:00.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/02/15	07:29:54.0	XRT_CTRL_MANU_443_OG [0x1bb]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/02/15	07:30:00.0	AOCS_OrE-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 d1 07 2e f9
2013/02/15	07:32:32.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2013/02/15	07:32:52.0	XRT_QT_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2013/02/15	07:32:54.0	XRT_FLD_DIS_404_OG [0x194]	MDP_XRT_FLD_DIS	1	07-F0	d9
2013/02/15	07:32:56.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2013/02/15	07:32:58.0	XRT_ARS_DIS_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5
2013/02/15	07:33:00.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/02/15	07:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/02/15	07:39:56.0	XRT_FOCUS_POSITION_420_OG [0x1a4]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2013/02/15	07:40:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 16 35 53 c6
2013/02/15	07:40:16.0	XRT_FLD_ENA_428_OG [0x1ac]	MDP_XRT_FLD_ENA	1	07-F0	d8
2013/02/15	07:40:18.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2013/02/15	07:40:20.0	XRT_AEC_RESET_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2013/02/15	07:40:22.0	XRT_ARS_DIS_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2013/02/15	07:42:54.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/02/15	07:42:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2013/02/15	07:42:58.0	XRT_FL_PROG_SET_444_OG [0x1bc]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 10
2013/02/15	07:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/02/15	08:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/02/15	08:06:32.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/02/15	08:06:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/02/15	08:09:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2013/02/15	08:28:00.0	XRT_Custom_434_OG [0x1b2]				
2013/02/15	08:29:00.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/02/15	09:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/02/15	09:47:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/02/15	09:47:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/02/15	09:50:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2013/02/15	10:01:30.5	XRT_Custom_434_OG [0x1b2]				
2013/02/15	10:02:30.5	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/02/15	15:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/02/15	15:11:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/02/15	15:11:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/02/15	15:14:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2013/02/15	15:34:00.0	XRT_Custom_434_OG [0x1b2]				
2013/02/15	15:35:00.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/02/15	16:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/02/15	16:47:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2013/02/15	16:47:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2013/02/15	16:50:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2013/02/15	17:10:30.0	XRT_Custom_434_OG [0x1b2]				
2013/02/15	17:11:30.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2013/02/15	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2013/02/15	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2013/02/15	18:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00

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2013/02/15	18:00:16.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2013/02/15	18:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2013/02/15	18:00:20.0	XRT_ARS_DIS_406_OG [0x196]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/02/15	18:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2013/02/15	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/15	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/15	18:09:56.0	XRT_FOCUS_POSITION_420_OG [0x1a4]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2013/02/15	18:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	16	35	53	c6
2013/02/15	18:10:16.0	XRT_FLD_ENA_428_OG [0x1ac]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2013/02/15	18:10:18.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2013/02/15	18:10:20.0	XRT_AEC_RESET_423_OG [0x1a7]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2013/02/15	18:10:22.0	XRT_ARS_DIS_437_OG [0x1b5]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/02/15	18:12:54.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/15	18:12:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2013/02/15	18:12:58.0	XRT_FL_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	10			
2013/02/15	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/15	18:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/15	18:24:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/15	18:24:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/15	18:27:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/15	18:47:30.0	XRT_Custom_434_OG [0x1b2]							
2013/02/15	18:48:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/15	20:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/15	20:01:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/15	20:01:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/15	20:04:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/15	20:25:00.0	XRT_Custom_434_OG [0x1b2]							
2013/02/15	20:26:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/15	21:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/15	21:38:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/15	21:38:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/15	21:41:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/15	22:01:00.0	XRT_Custom_434_OG [0x1b2]							
2013/02/15	22:02:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/15	23:16:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/15	23:16:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/15	23:16:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/15	23:19:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/15	23:30:00.0	XRT_Custom_434_OG [0x1b2]							
2013/02/15	23:31:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	00:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	00:46:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/16	00:46:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/16	00:49:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/16	00:59:30.0	XRT_Custom_434_OG [0x1b2]							
2013/02/16	01:00:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	02:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	02:15:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/16	02:15:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2013/02/16	02:18:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/16	02:36:00.0	XRT_Custom_434_OG [0x1b2]							
2013/02/16	02:37:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	03:43:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	03:43:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/16	03:43:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/16	03:46:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/16	04:13:00.0	XRT_Custom_434_OG [0x1b2]							
2013/02/16	04:14:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	05:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	05:24:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/16	05:24:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/16	05:27:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/16	05:50:30.0	XRT_Custom_434_OG [0x1b2]							
2013/02/16	05:51:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	06:00:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	06:00:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2013/02/16	06:00:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2013/02/16	06:00:46.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2013/02/16	06:00:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2013/02/16	06:00:50.0	XRT_ARS_DIS_406_OG [0x196]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/02/16	06:03:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2013/02/16	06:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	06:10:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	06:10:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2013/02/16	06:10:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 16 35 53 c6				
2013/02/16	06:10:46.0	XRT_FLD_ENA_428_OG [0x1ac]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2013/02/16	06:10:48.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2013/02/16	06:10:50.0	XRT_AEC_RESET_423_OG [0x1a7]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2013/02/16	06:10:52.0	XRT_ARS_DIS_437_OG [0x1b5]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2013/02/16	06:13:24.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/16	06:13:26.0	XRT_QT_PROG_SET_430_OG [0x1ae]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2013/02/16	06:13:28.0	XRT_FL_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10				
2013/02/16	06:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	07:04:00.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	07:04:02.5	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/16	07:04:04.5	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/16	07:07:14.5	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/16	07:28:00.0	XRT_Custom_434_OG [0x1b2]							
2013/02/16	07:29:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	08:44:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	08:44:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2013/02/16	08:44:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2013/02/16	08:47:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2013/02/16	09:04:00.0	XRT_Custom_434_OG [0x1b2]							
2013/02/16	09:05:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2013/02/16	10:20:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	10:26:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2013/02/16	10:26:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

2013/02/16	10:26:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2013/02/16	10:29:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2013/02/16	10:57:00.0	AOCS_Or-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	00 00 00 00 00			