

XRT Timeline to be uploaded on 2012/10/11

Period: 2012/10/11 10:09:00 - 2012/10/16 09:26:00

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Normal mode

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XOB #1939: HOP073 prominence multi-filter with G-band(45ms)-DPCM 1x1-512x512-FOV -AEC2-3min cadence with G-band Test													
Term	Pointing (x, y)		Comment										
10/12 16:12:06 - 10/12 18:01:24	Fixed (-960.0, -42.0)		* HOP 219, prominence with Sac Peak.										
PROG= 17 1-time(s)													
Subr= 3 1-time(s) 2.0sec													
└─ Seqn= 88 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 87 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 1 20-time(s) 180.0sec													
└─ Seqn= 85 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
└─ Seqn= 86 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
└─ Seqn= 89 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	11.3s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
└─ Seqn= 90 1-time(s) 2.0sec													
	C-poly/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
└─ Seqn= 91 1-time(s) 2.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	1x1	512x512 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #192F: Synoptic Q95 2x2 - Al/mesh(33/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(64/1443) + Thin-Be(18)													
Term	Pointing (x, y)		Comment										
10/12 18:04:30 - 10/12 18:11:24	Fixed (0.0, 0.0)		synoptic, shifted 1.5 min										
PROG= 13 1-time(s)													
Subr= 1 1-time(s) 14.0sec													
└─ Seqn= 64 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	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= 70 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 67 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	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 #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										
10/12 18:14:30 - 10/12 18:21:24	Fixed (-528.4, -528.4)		# XRT post-bakeout four quadrant pointings.										
PROG= 07 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						
10/12 18:24:30 - 10/12 18:31:24		Fixed (528.4, -528.4)										
PROG= 10 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						
10/12 18:34:30 - 10/12 18:41:24		Fixed (528.4, 528.4)										
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						
10/12 18:44:30 - 10/12 18:51:24		Fixed (-528.4, 528.4)										
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 #1934: AR Standard-B(Morphology) with PFB, thin-Be + multifilter context, 384x384 at 1064 1048, 50s-cad w/ G-Band VLS Closed Test												
Term		Pointing (x, y)				Comment						
10/12 18:54:30 - 10/13 05:32:24		Track (-640.7, 127.9) ^{Ⓜ 10/12 18:51:30} * Track AR 11589.										
10/13 05:45:30 - 10/13 07:15:00		Track (-565.3, 121.8) ^{Ⓜ 10/13 05:42:30} # Cont.										
PROG= 15 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 18 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 44ms 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) 2.0sec												
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	

XOB #193A: HOP 186 (short exp) Al/mesh (64/2048ms) + Synoptic Q95 2x2 - Al/poly (64/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1)

Term	Pointing (x, y)	Comment
10/13 10:03:00 - 10/13 10:09:54	Fixed (0.0, 0.0)	* Synoptic, shifted manually, with HOP 186, Ondrejov Observatory.
PROG= 01 1-time(s)		
Subr= 1 1-time(s) 12.0sec		
Seqn= 84 1-time(s) 4.0sec		
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 500ms 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= 70 1-time(s) 4.0sec		
Open/Ti-poly	Open/Ti-poly	close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly	close Safe Norm 1.41s 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) 6.0sec		
Seqn= 66 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh	close Safe Norm 63ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 2.00s Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Dark 2.00s Obs 1x1 2048x2048 (1024, 1024) DPCM 0 0 2.0sec
Subr= 3 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

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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
10/12 16:12:06 - 10/12 18:01:24	Fixed (-960.0, -42.0)	* HOP 219, prominence with Sac Peak.
10/12 18:54:30 - 10/13 05:32:24	Track (-640.7, 127.9) @ 10/12 18:51:30	* Track AR 11589.
10/13 05:45:30 - 10/13 07:15:00	Track (-565.3, 121.8) @ 10/13 05:42:30	# 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
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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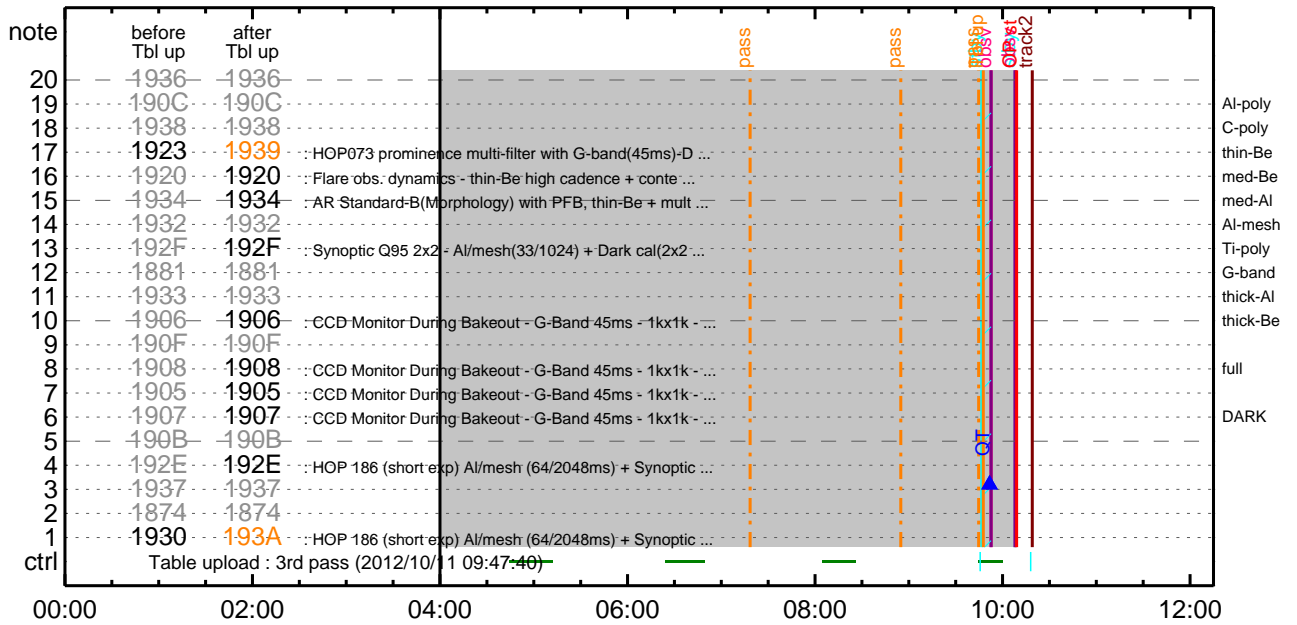
Flare Detection

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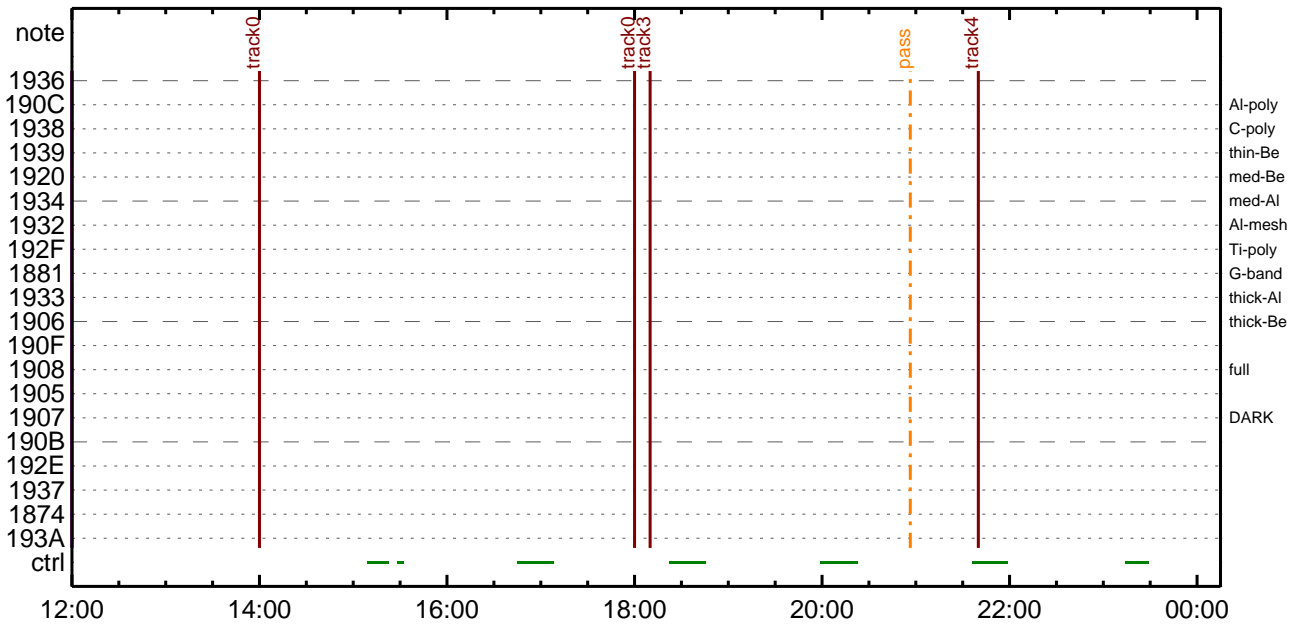
FLD Patrol

Term	Pointing (x, y)	Comment
10/12 16:11:52 - 10/12 18:01:46	Fixed (-960.0, -42.0)	* HOP 219, prominence with Sac Peak.
10/12 18:54:16 - 10/13 10:00:16	Track (-640.7, 127.9) @ 10/12 18:51:30	* Track AR 11589.
Open/Ti-poly	Open/thick-Al	close Safe Norm 8ms Obs 8x8 Q=50 30sec

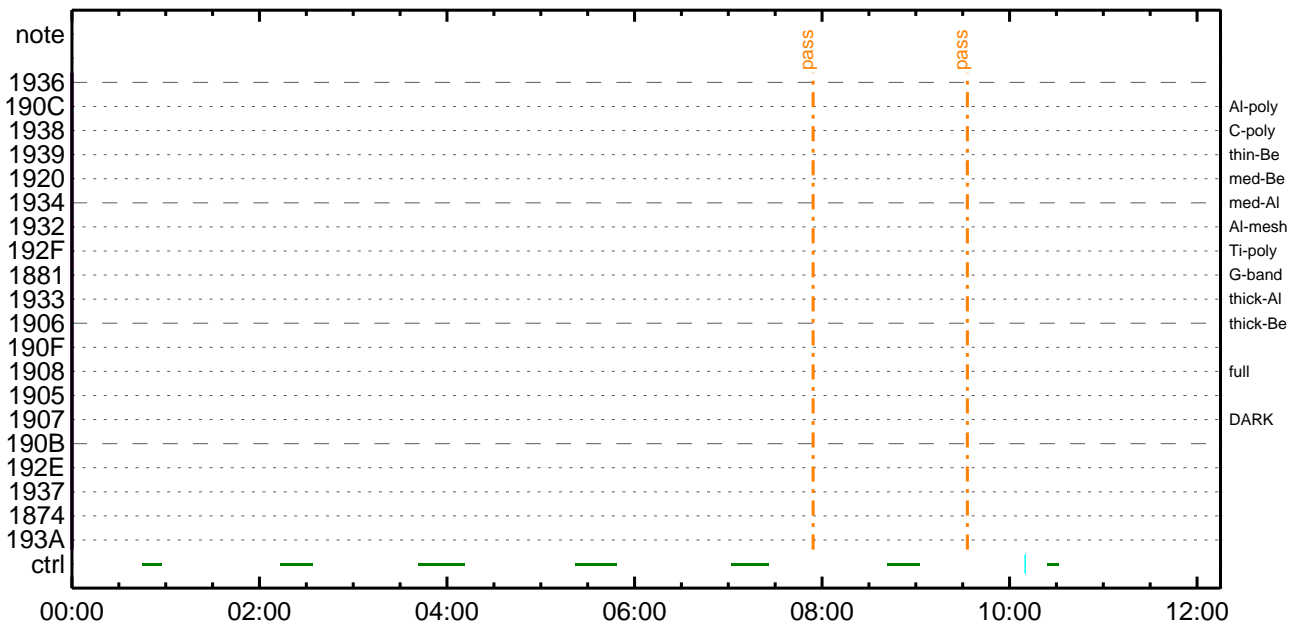
CMDI #0970 2012/10/11



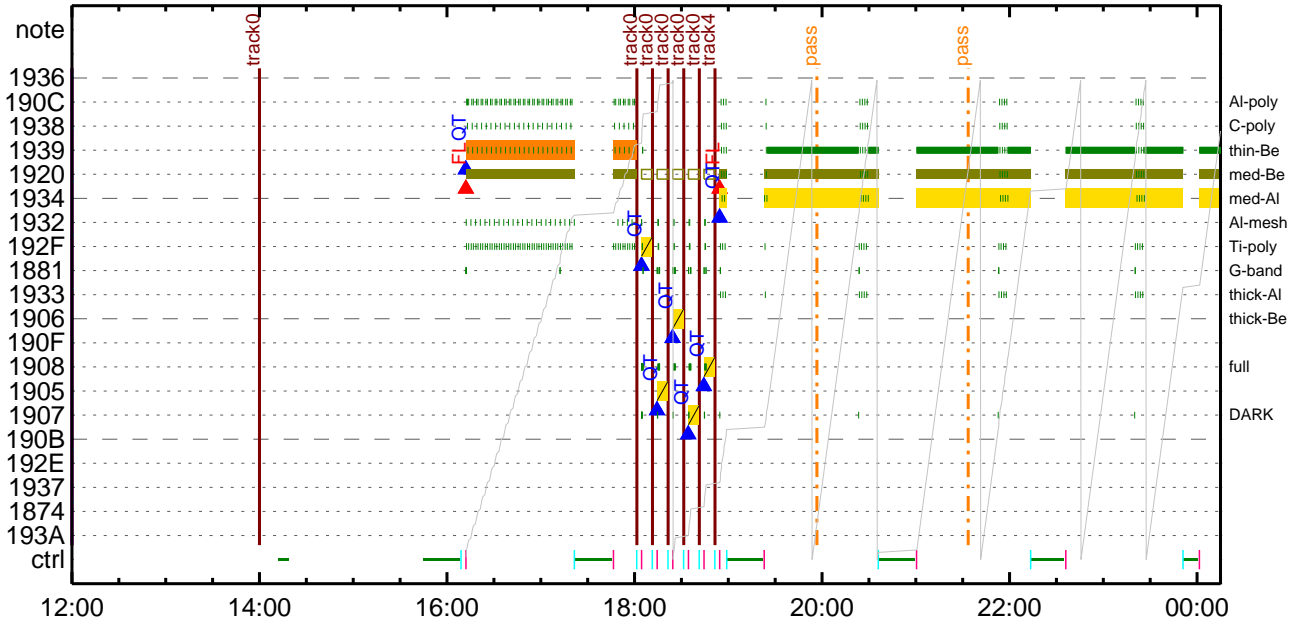
CMDI #0970 2012/10/11



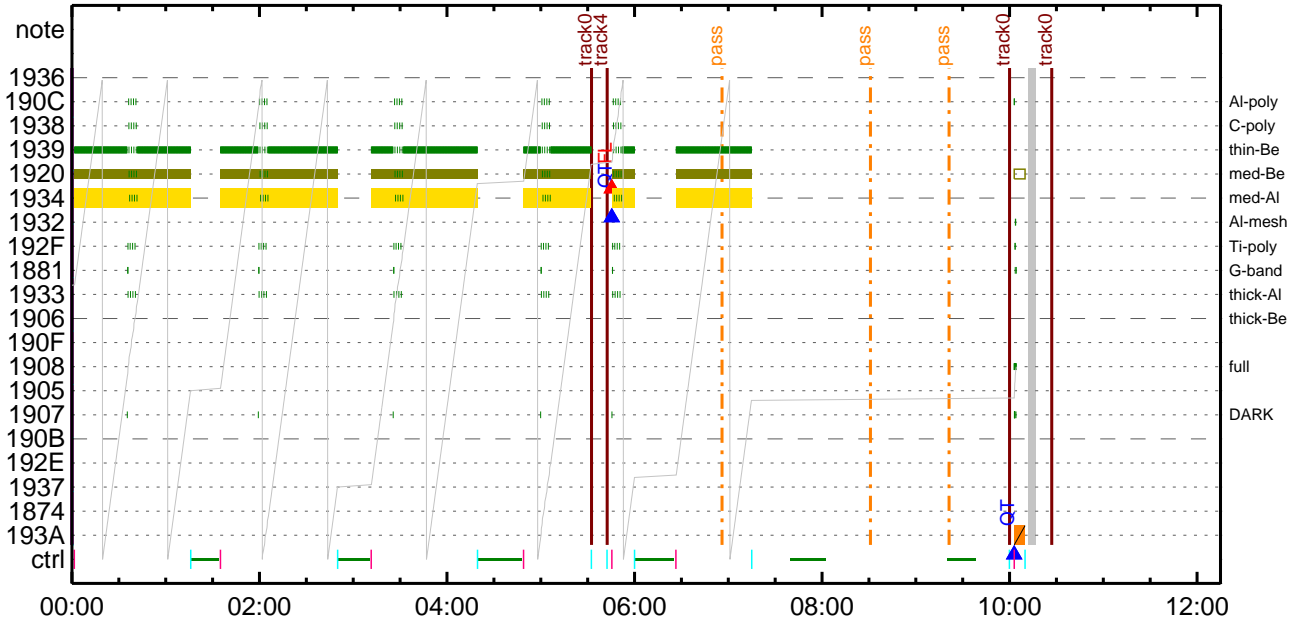
CMDI #0970 2012/10/12



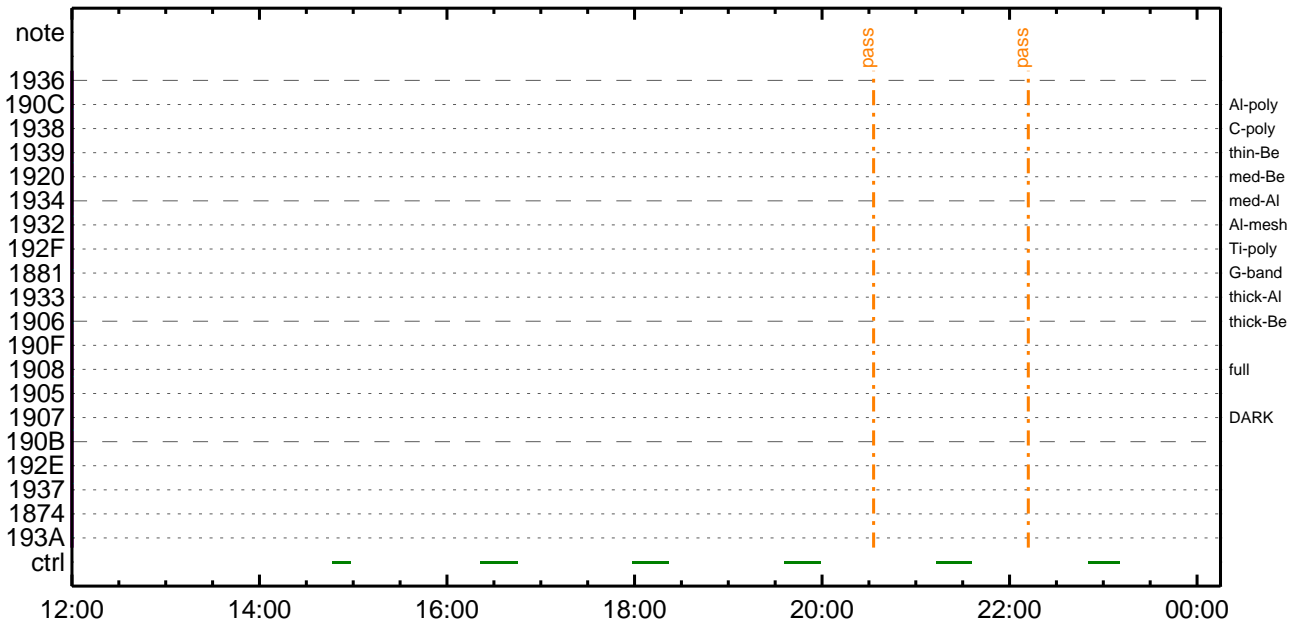
CMDI #0970 2012/10/12



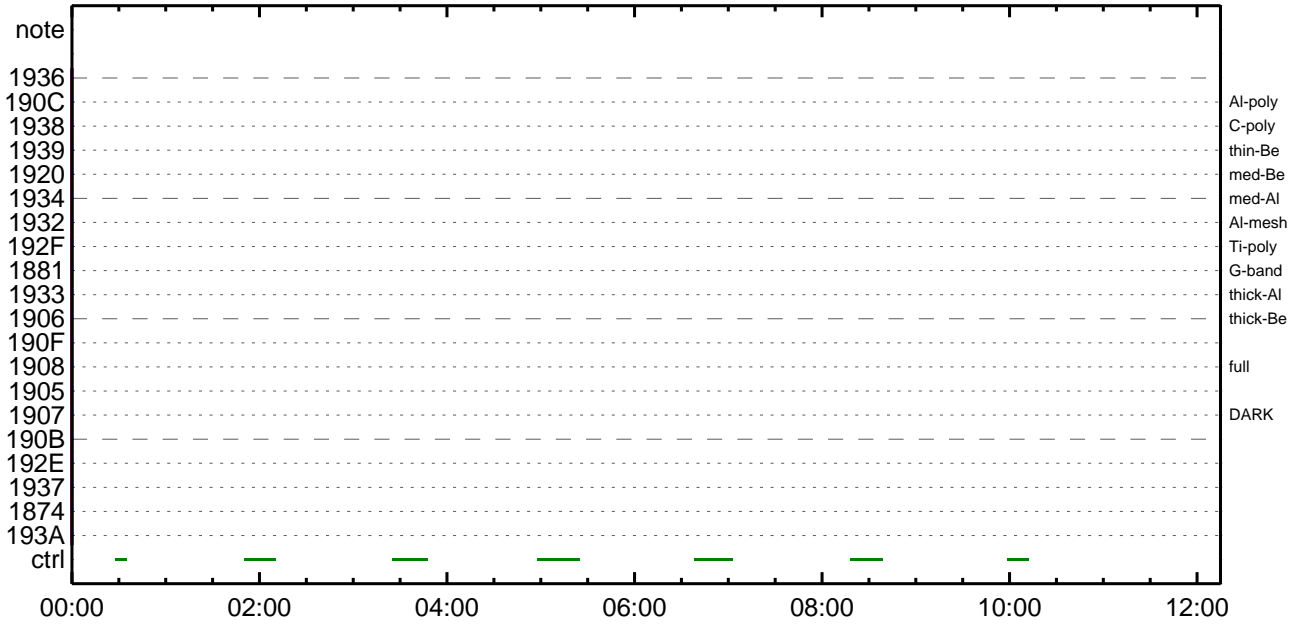
CMDI #0970 2012/10/13



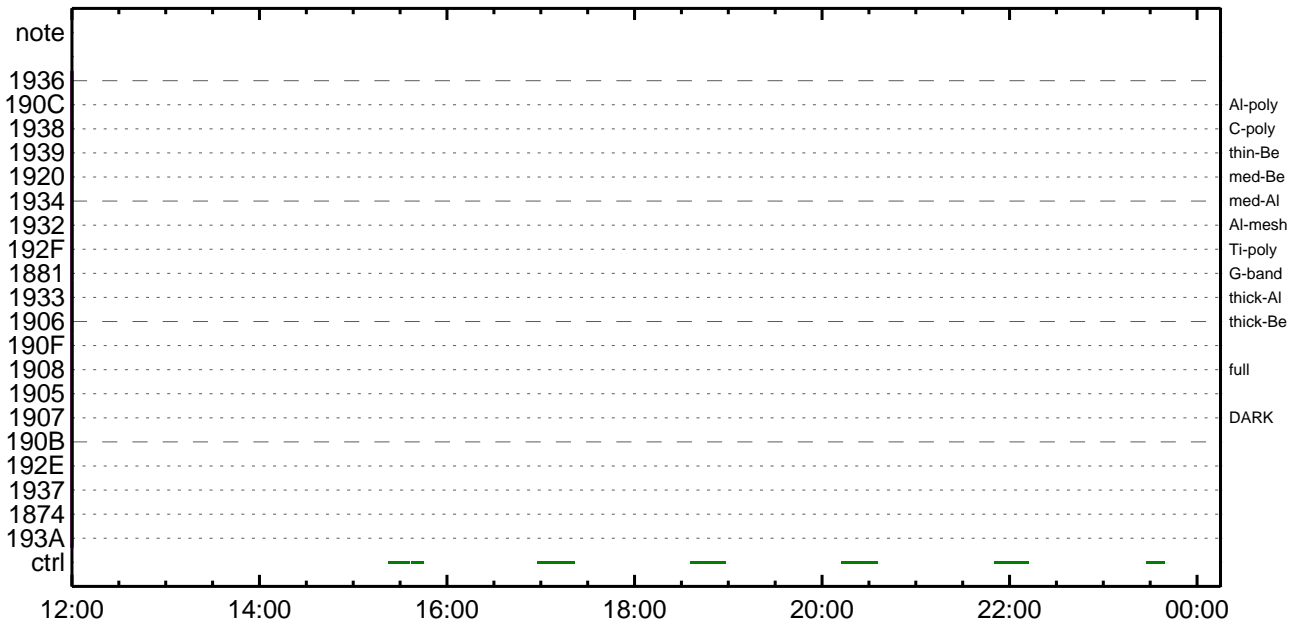
CMDI #0970 2012/10/13



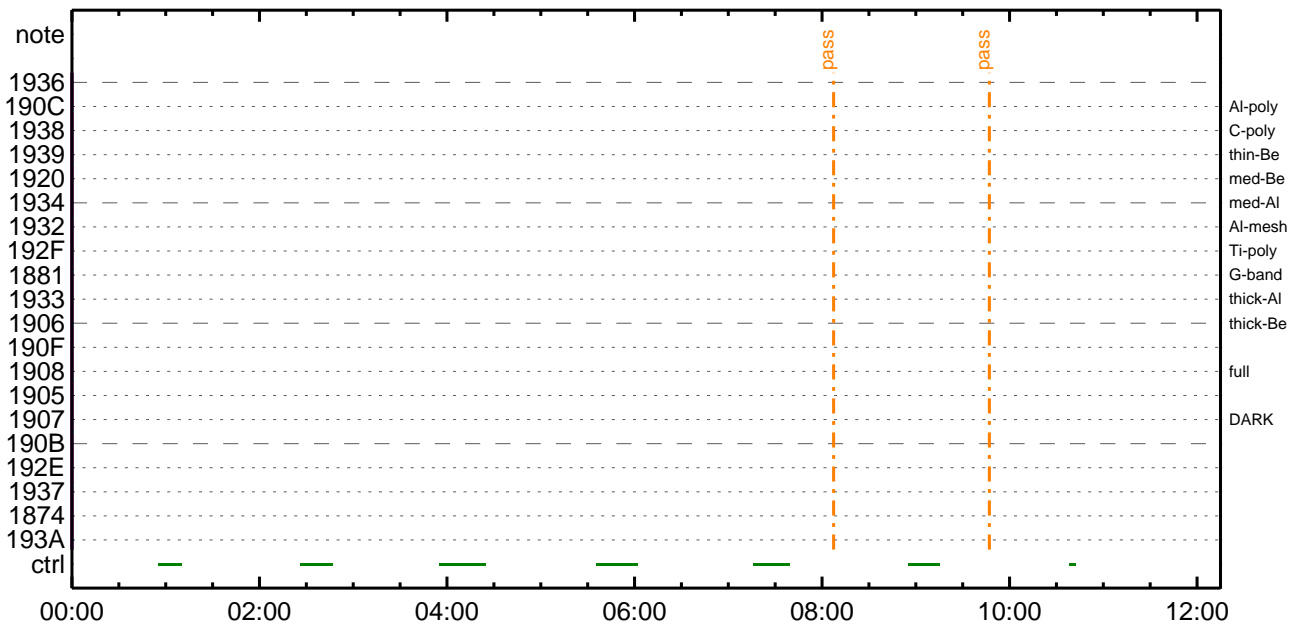
CMDI #0970 2012/10/14



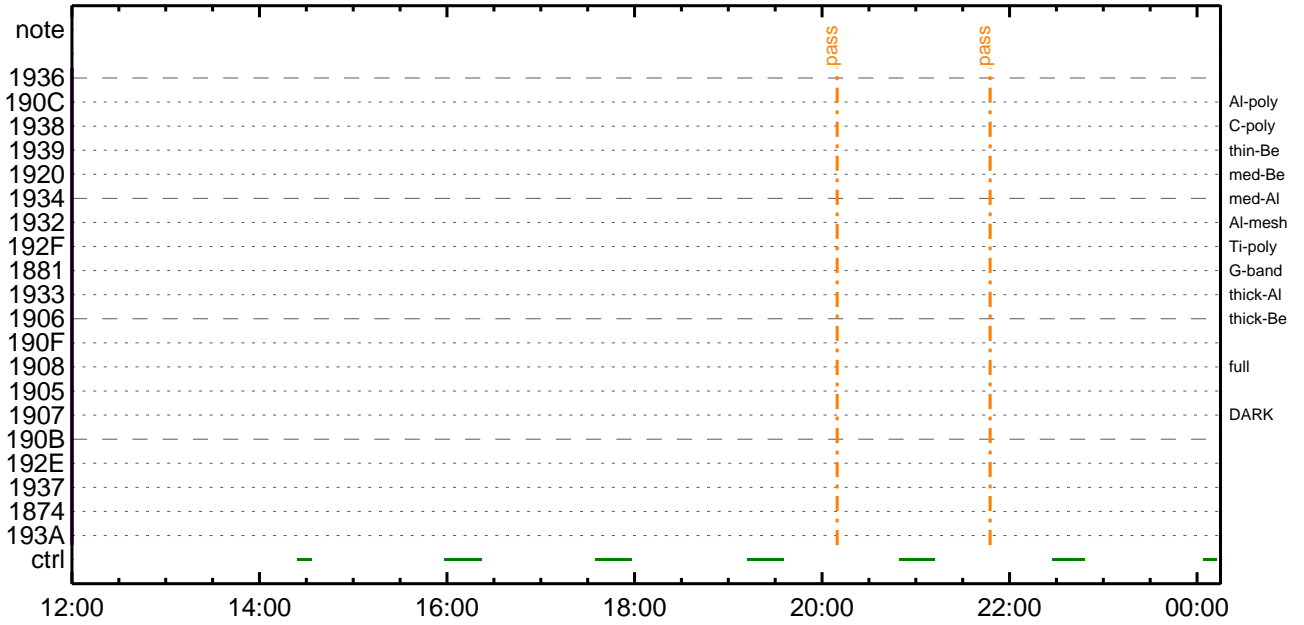
CMDI #0970 2012/10/14



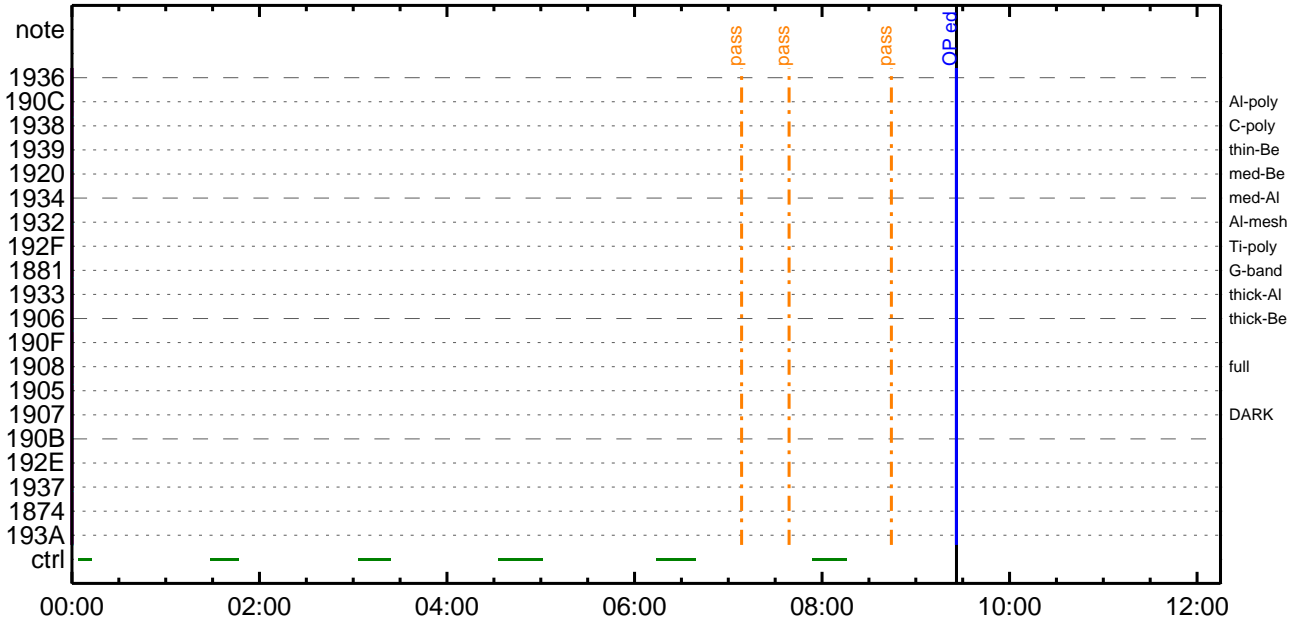
CMDI #0970 2012/10/15



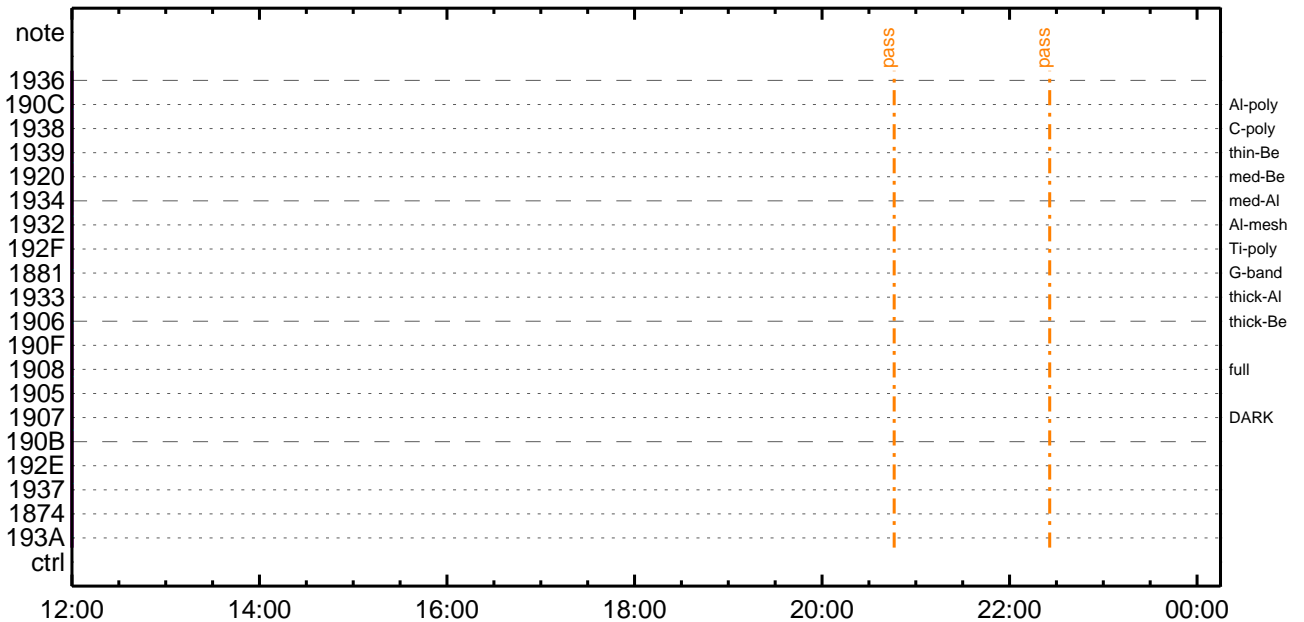
CMDI #0970 2012/10/15



CMDI #0970 2012/10/16



CMDI #0970 2012/10/16




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-198:OP
0104 ( )
0105 S. OG og-198:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** °E²¼òî½Ä´¶Á°òEÉ¬ò°Á÷¿@ (¼âµ-YAYOYx½ê½çòðÁÓÆòÇ¼ª°¬òE¼î¹çòÇòâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yî;4YE;Eòðîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷¿@NG²î½î¹ç;ç°E²¼òîTI-CMDÁ÷¿@²î½Á¹Ôª°¬E²ò³òE;f
0180 C. ²ò³òE;çSET²EEDUMP²î½±°îYNY¹ç¹Ôª|²³òE;f
0181 C.
0182 C. TIY³Y½Y½E²òðÁDî¿(UT)
0183 +. TI 2012-10-11 10:04:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2012-10-11 10:04:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2012-10-11 10:04:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-200 2012-10-11 12:50:17 136 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È±¿±Á±·µ°È»Í×ÁÇ±ÍY¿Y×Yí;¼YÉ;ÈÈ±µ·íÉ;È±È¼°ÇÖ±·±¿¼í¹¿±Í;¿Á®, ù±¹±±±±±ÇÁ+¿®±·±È±±±³±È;±
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-263:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2012-10-11 10:08:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 80 80 20 20)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 80 80 20 08)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 08 20)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 08 08)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a c0 c0 10 10)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 40 c0 10 10)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0c 40 40 10 10)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0d c0 40 10 10)
0090 + DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 0e 85 83 06 06)
0092 + DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 0f 80 80 06 06)
0094 + DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 10 80 80 08 08)
```

```

0096 + DC 07-F0 MDP_XRT_FLD_DIS
0097 BC (d9)
0098 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0099 BC (c9)
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 04)
0108 . C. ----- Success Verify ? OK / NG ____
0109 C.
0110 C.
0111 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0112 C.
0113 +. DC 07-F0 MDP_XRT_MODE_OBSV
0114 BC (c2)
0115 +. TI 2012-10-11 10:08:02.0
0116 DC 07-F0 MDP_XRT_MODE_OBSV
0117 BC (c2)
0118 . C. ----- Success Verify ? OK / NG ____
0119 C.
0120 C. ***** XRT END *****
0121 C.
0122 . C. ***** MDP 'úÃîñî»ö¼ÝñÊÃðñ¹ñèDCBC•x²è *****
0123 C. (%ã°îÿÓÿÄÿÈÿÞÿËÿÀÿÇÿÈñ¼ññ¼Ã»Ûñ¹ñè)
0124 . S. DC-BC dcbc-402:DCBC
0125 (MDP_known_event)
0126 C.
0127 C.
0128 . C. ***** ÿÐÿ¹•Ï Daily±¿ÎññË´Øñ¹ñèDCBC•x²è *****
0129 . S. DC-BC dcbc-153:DCBC
0130 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0131 C.
0132 C.
0133 . C. ;ãLOSÿÃÿ§ÿÄÿÿ-¼Ã»Û;ã
0134 C.
0135 . C. ***** LOS *****
0136 C.

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Oct 11, 12 12:50

XRT_OGLIST_0970.chk

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*** OP Sequence for XRT ***

2012/10/11	10:18:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/10/11	10:19:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2012/10/11	14:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 12 66 53 a5				
2012/10/11	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2012/10/11	18:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2012/10/11	21:40:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2012/10/12	10:10:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/10/12	10:10:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_409_OG [0x199]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2012/10/12	14:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 03 be 55 58				
2012/10/12	16:09:00.0	XRT_CTRL_MANU_447_OG [0x1bf]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/10/12	16:11:32.0	XRT_FOCUS_POSITION_420_OG [0x1a4]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/10/12	16:11:52.0	XRT_FLD_ENA_428_OG [0x1ac]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/10/12	16:11:54.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/10/12	16:11:56.0	XRT_AEC_RESET_423_OG [0x1a7]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/10/12	16:11:58.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/10/12	16:12:00.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/10/12	16:12:02.0	XRT_QT_PROG_SET_411_OG [0x19b]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2012/10/12	16:12:04.0	XRT_FL_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10				
2012/10/12	16:12:06.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/10/12	17:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/10/12	17:21:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/10/12	17:21:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/10/12	17:24:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/10/12	17:45:30.0	XRT_Custom_434_OG [0x1b2]							
2012/10/12	17:46:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/10/12	18:01:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/10/12	18:01:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/10/12	18:01:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2012/10/12	18:01:46.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/10/12	18:01:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/10/12	18:01:50.0	XRT_ARS_DIS_406_OG [0x196]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/10/12	18:04:28.0	XRT_QT_PROG_SET_419_OG [0x1a3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2012/10/12	18:04:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/10/12	18:11:24.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/10/12	18:11:30.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 2e f9 2e f9				
2012/10/12	18:14:02.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/10/12	18:14:22.0	XRT_QT_PROG_SET_430_OG [0x1ae]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2012/10/12	18:14:24.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/10/12	18:14:26.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/10/12	18:14:28.0	XRT_ARS_DIS_412_OG [0x19c]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/10/12	18:14:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/10/12	18:21:24.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/10/12	18:21:30.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00 2e f9 d1 07				
2012/10/12	18:24:02.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/10/12	18:24:22.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2012/10/12	18:24:24.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				

