

XRT Timeline to be uploaded on 2012/11/01

Period: 2012/11/01 09:31:00 - 2012/11/06 09:54:00

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Normal mode

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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					
11/01 17:17:30 - 11/01 17:24:24	Fixed (-528.4, -528.4)							XRT Four Quadrant 1/1					
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					
11/01 17:27:30 - 11/01 17:34:24	Fixed (528.4, -528.4)							2/4					
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					
11/01 17:37:30 - 11/01 17:44:24	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					
11/01 17:47:30 - 11/01 17:54:24	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 #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
11/01 17:57:30 - 11/02 05:59:54	Fixed (0.0, 0.0)	synoptic, shifted -5.5 min
11/02 06:03:00 - 11/02 13:59:59	Fixed (0.0, 0.0)	synoptic
11/02 20:27:00 - 11/02 20:31:54	Fixed (0.0, 0.0)	synoptic, shifted by 2hrs manually
11/03 06:34:00 - 11/03 06:40:54	Fixed (0.0, 0.0)	synoptic, shifted 31.0 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 #1944: HOP203 - Ti/Poly - FOV256 - Q95 - 1min cadence - QS-CH - 512FOV Context

Term	Pointing (x, y)	Comment
11/02 14:03:00 - 11/02 16:29:54	Track (257.4, -347.9) @ 11/02 14:00:00	HOP203 - coronal hole tracking

PROG= 15 Inf.-time(s)

Subr= 1	1-time(s)		2.0sec										
	Seqn= 53		1-time(s) 2.0sec										
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subr= 2	5-time(s)		2.0sec										
	Seqn= 55		1-time(s) 2.0sec										
	Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	2.00s	Obs	1x1	256x256 (1064, 1048)	Q=95	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	256x256 (1064, 1048)	Q=90	0	0	2.0sec
	Seqn= 52		30-time(s) 60.0sec										
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	1x1	256x256 (1064, 1048)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1942: HOP221 FOXSI - multi-filter FW1 / FW2 - 4x4 - in flight use

Term	Pointing (x, y)	Comment
11/02 16:50:00 - 11/02 17:49:54	Track (-305.7, -368.7) @ 11/02 16:30:00	HOP221 - FOXSI - AR11602 tracking
11/02 19:02:00 - 11/02 20:00:00	Track (-284.9, -369.1) @ 11/02 19:00:00	HOP221 - FOXSI - AR tracking

PROG= 09 Inf.-time(s)

Subr= 1	1-time(s)		300.0sec										
	Seqn= 20		2-time(s) 40.0sec										
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Seqn= 29		2-time(s) 25.0sec										
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Seqn= 41		1-time(s) 60.0sec										
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	16.0s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	32.0s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Seqn= 13		1-time(s) 15.0sec										
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	44ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	707ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
	Seqn= 23		1-time(s) 15.0sec										
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	12ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec

Subr= 2 2-time(s) 420.0sec													
Seqn= 5 1-time(s) 15.0sec													
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	707ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 39 1-time(s) 15.0sec													
	C-poly/Ti-poly	C-poly/thick-Al	close	Safe	Norm	63ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	C-poly/Ti-poly	C-poly/thick-Al	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 96 1-time(s) 15.0sec													
	C-poly/Open	C-poly/Open	close	Safe	Norm	24ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	C-poly/Open	C-poly/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 30 1-time(s) 10.0sec													
	C-poly/Open	C-poly/Open	close	Safe	Dark	12ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	C-poly/Open	C-poly/Open	close	Safe	Dark	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 97 1-time(s) 20.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 43 1-time(s) 30.0sec													
	med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 44 1-time(s) 30.0sec													
	med-Al/Open	med-Al/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	8.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Seqn= 28 1-time(s) 10.0sec													
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	16ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1941: HOP221 FOXSI - Full Disk Q95 4x4 - C/Poly + Al/Poly+Ti-poly - 1443ms													
Term		Pointing (x, y)						Comment					
11/02 17:54:00 - 11/02 18:39:54		Track (585.5, 381.0) @ 11/02 17:50:00						HOP221 - FOXSI - QS tracking					
PROG= 02 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 40 1-time(s) 10.0sec													
	C-poly/Open	thin-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 22 1-time(s) 10.0sec													
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 11 1-time(s) 10.0sec													
	C-poly/Open	thin-Be/Open	close	Safe	Dark	1.41s	Obs	4x4	2048x2048 (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	

XOB #1943: HOP221 FOXSI - Full Disk Q95 4x4 - C/Poly + Al/Poly+Ti-poly - 1443ms - in flight use													
Term		Pointing (x, y)						Comment					
11/02 18:40:04 - 11/02 18:59:54		Track (585.5, 381.0) @ 11/02 17:50:00						HOP221 - FOXSI - QS tracking					
PROG= 04 Inf.-time(s)													
Subr= 1 1-time(s) 60.0sec													
Seqn= 40 1-time(s) 10.0sec													
	C-poly/Open	thin-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 22 1-time(s) 10.0sec													
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 11 1-time(s) 10.0sec													
	C-poly/Open	thin-Be/Open	close	Safe	Dark	1.41s	Obs	4x4	2048x2048 (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	

XOB #1937: AR Standard-B(Morphology) with PFB, thin-Be + multifilter context, 384x384 at 1064 1048, 120s-cad w/ G-Band VLS Closed Test													
Term		Pointing (x, y)						Comment					
11/02 20:56:00 - 11/03 05:55:00		Fixed (920.0, -183.0)						AR 11598 - fixed pointing					
11/03 06:44:00 - 11/03 07:35:30		Track (-185.8, -370.3) @ 11/03 06:41:00						AR 11602 - resume tracking					
PROG= 03 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	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024 (1536, 1536)	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	1024x1024 (1536, 1536)	DPCM	0	0	2.0sec
Seqn= 65 4-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
	Al-poly/Open	Al-poly/thick-Be	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
	C-poly/Open	C-poly/thick-Al	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3	0	2.0sec
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	1024x1024 (1536, 1536)	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	1024x1024 (1536, 1536)	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	1024x1024 (1536, 1536)	Q=95	3	3	12.5sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

* * * * *

Flare mode

* * * * *

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
11/02 14:03:00 - 11/02 16:29:54	Track (257.4, -347.9) ^{@ 11/02 14:00:00}	HOP203 - coronal hole tracking
11/02 20:56:00 - 11/03 05:55:00	Fixed (920.0, -183.0)	AR 11598 - fixed pointing
11/03 06:44:00 - 11/03 07:35:30	Track (-185.8, -370.3) ^{@ 11/03 06:41:00}	AR 11602 - resume tracking
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

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

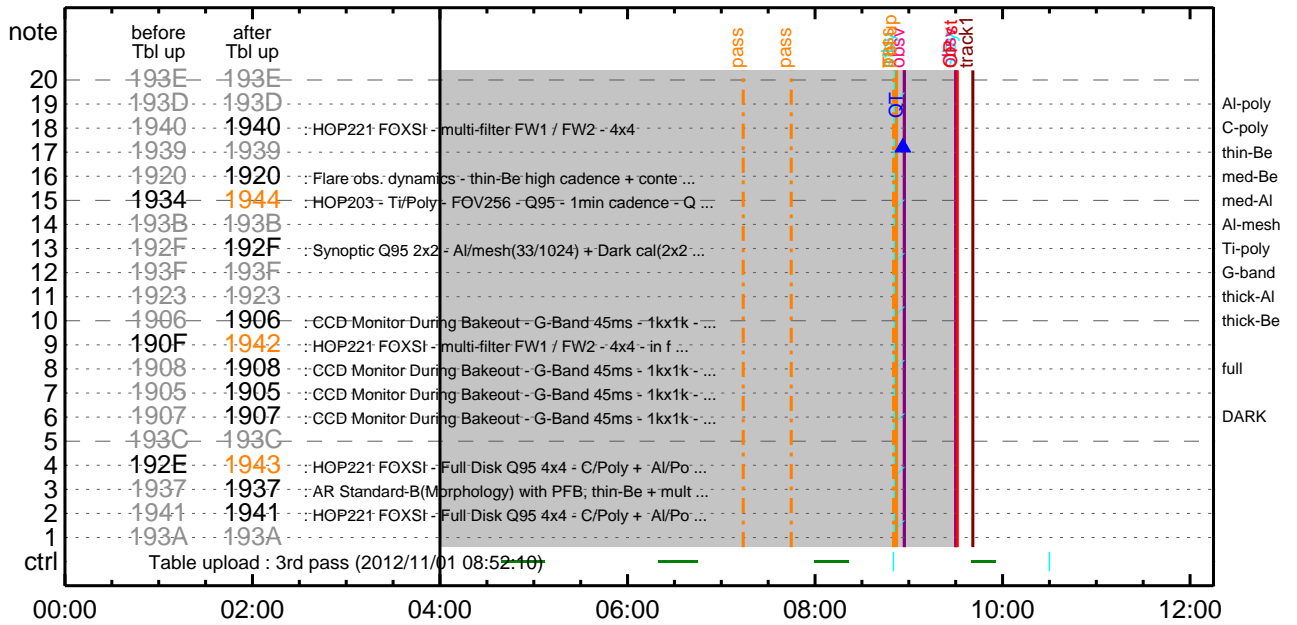
Flare Detection

* * * * *

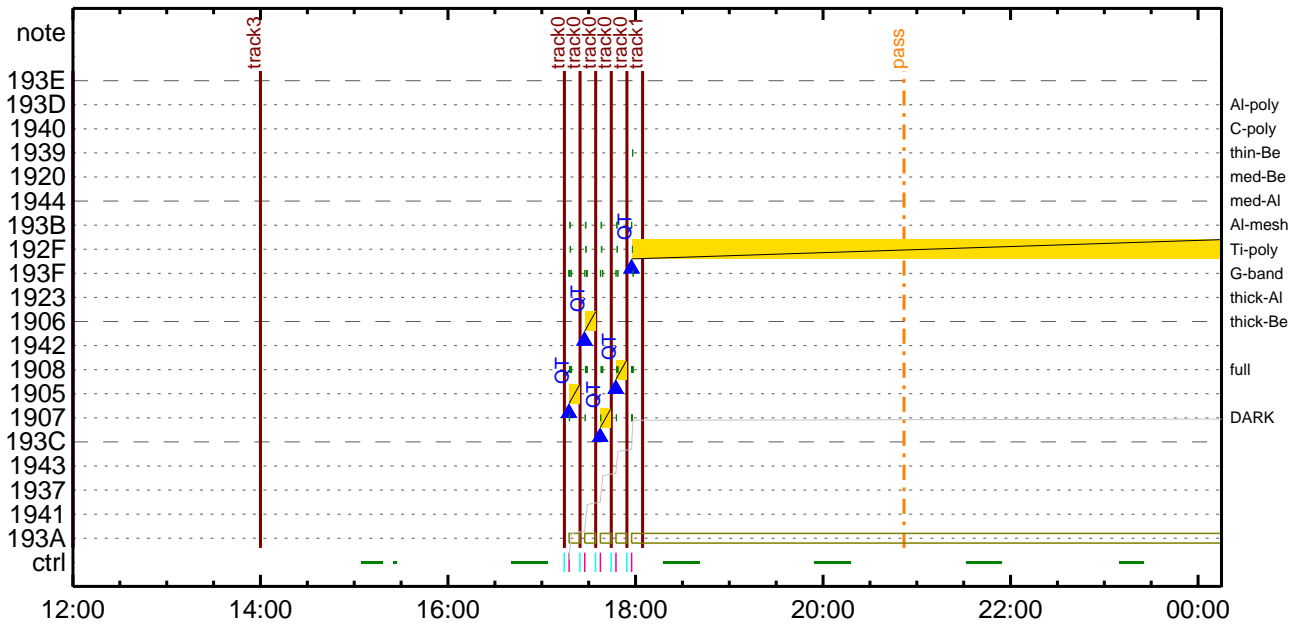
FLD Patrol

Term	Pointing (x, y)	Comment
11/02 14:02:48 - 11/02 16:30:16	Track (257.4, -347.9) ^{@ 11/02 14:00:00}	HOP203 - coronal hole tracking
11/02 20:55:46 - 11/03 06:31:16	Fixed (920.0, -183.0)	AR 11598 - fixed pointing
11/03 06:43:46 - 11/06 09:54:00	Track (-185.8, -370.3) ^{@ 11/03 06:41:00}	AR 11602 - resume tracking
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

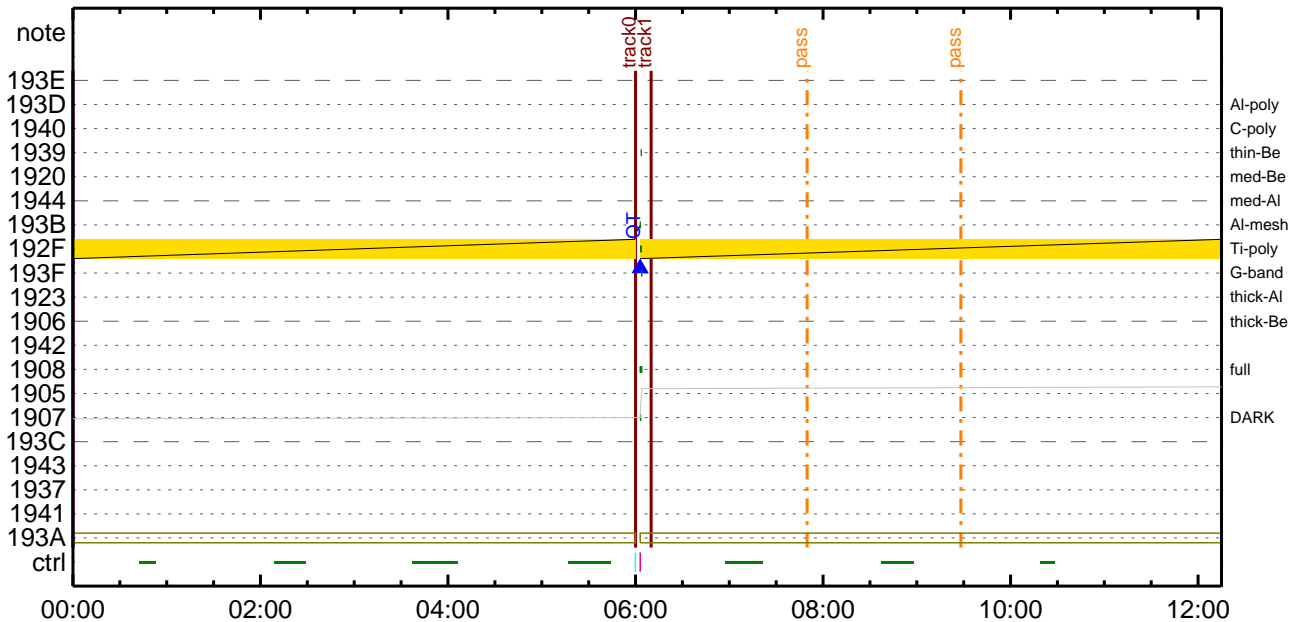
CMDI #0025 2012/11/01



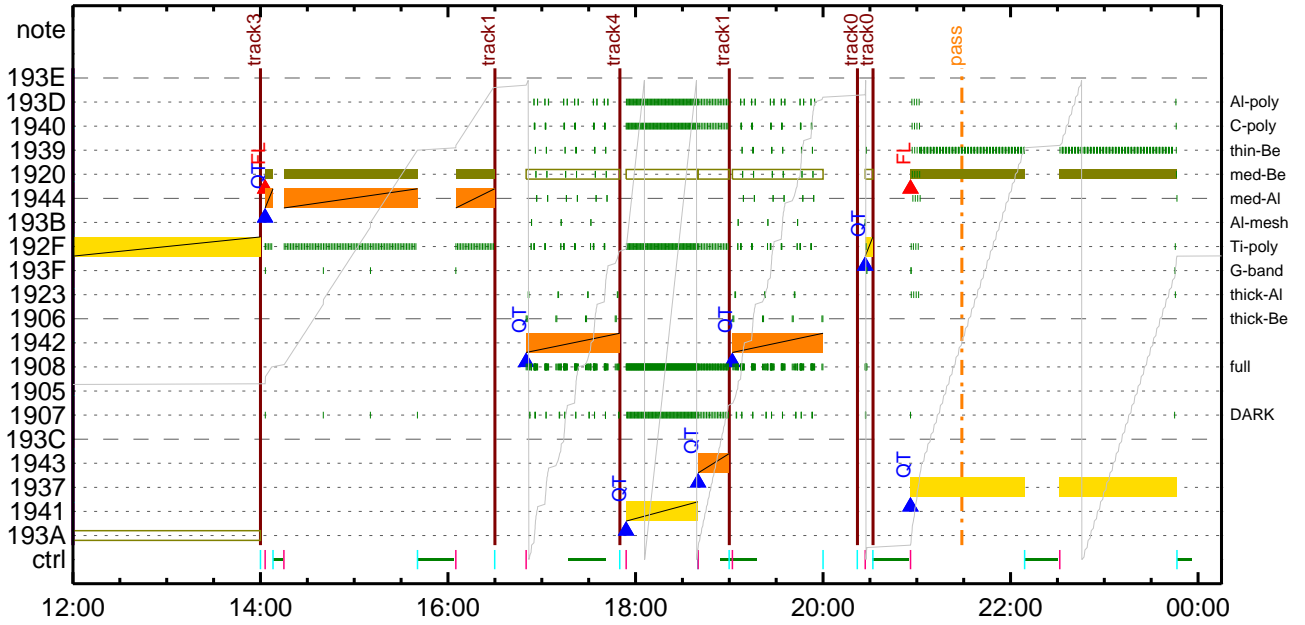
CMDI #0025 2012/11/01



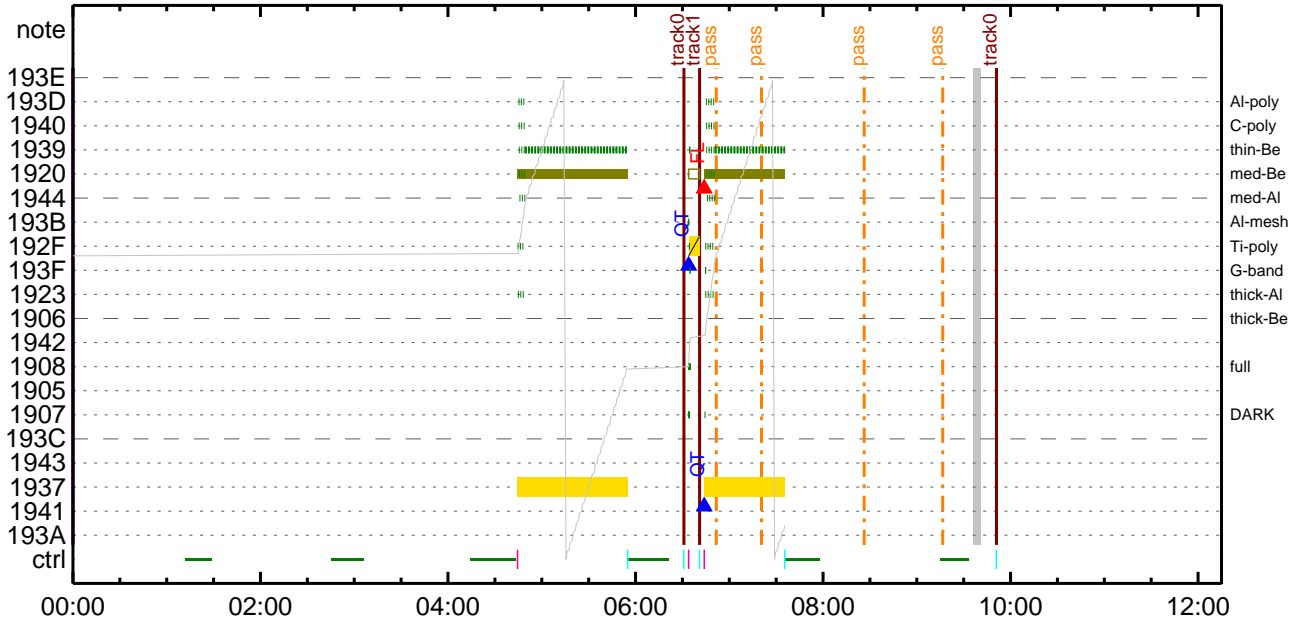
CMDI #0025 2012/11/02



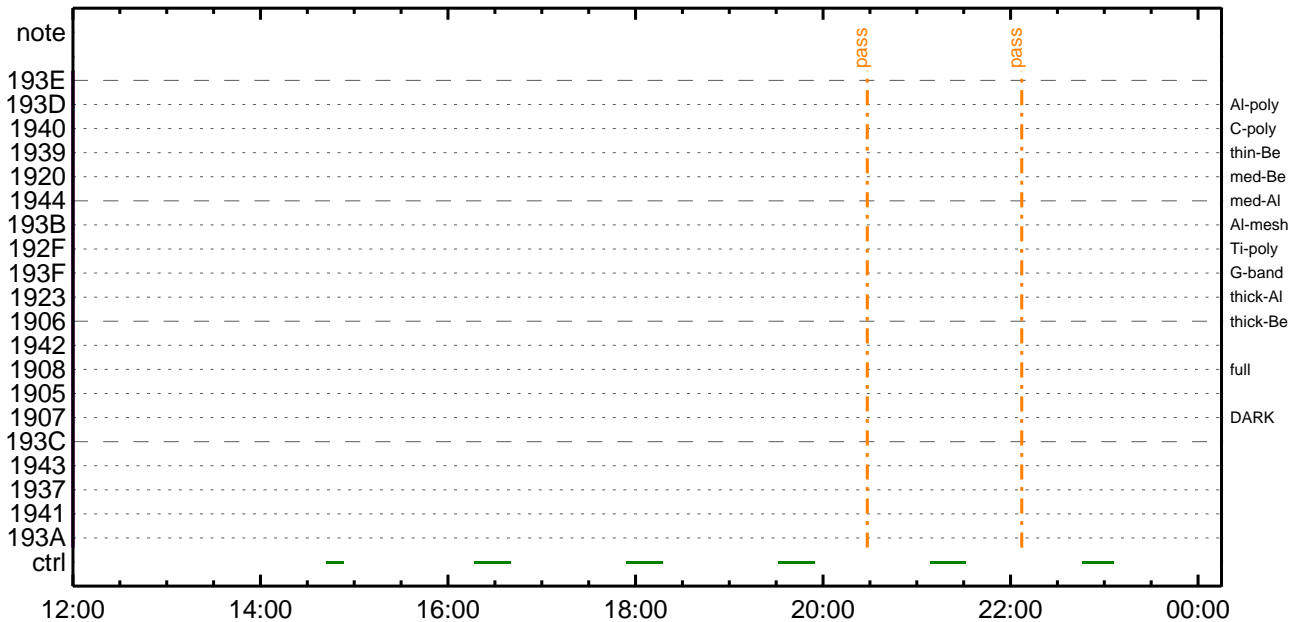
CMDI #0025 2012/11/02



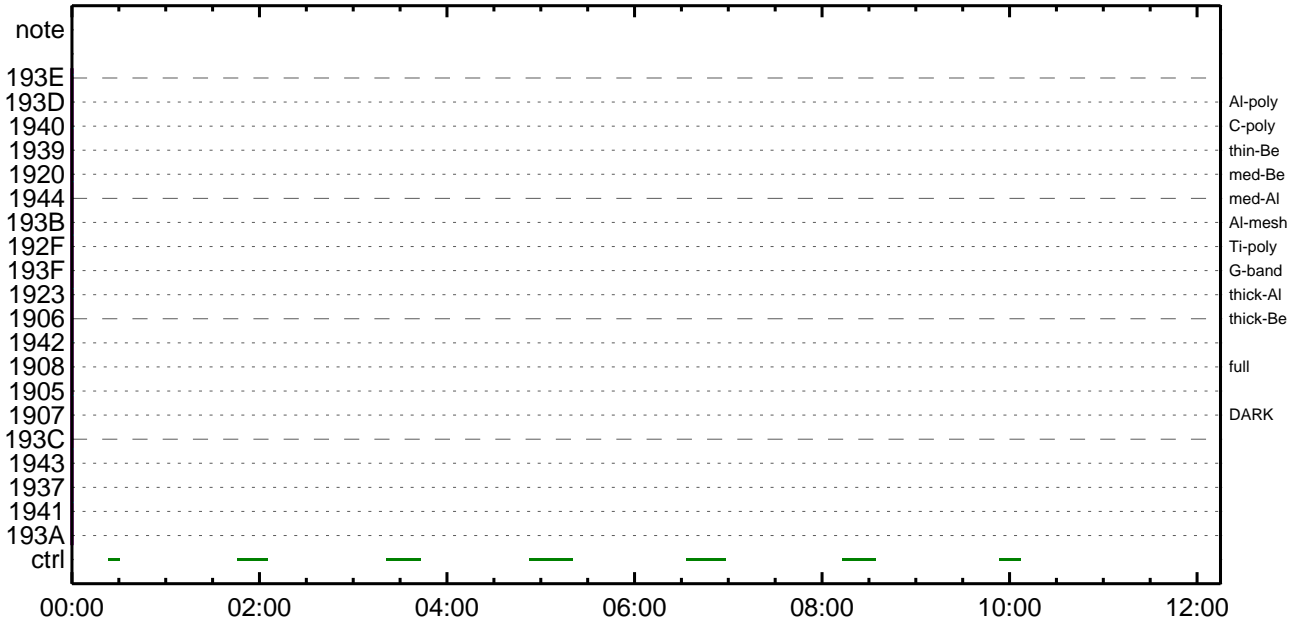
CMDI #0025 2012/11/03



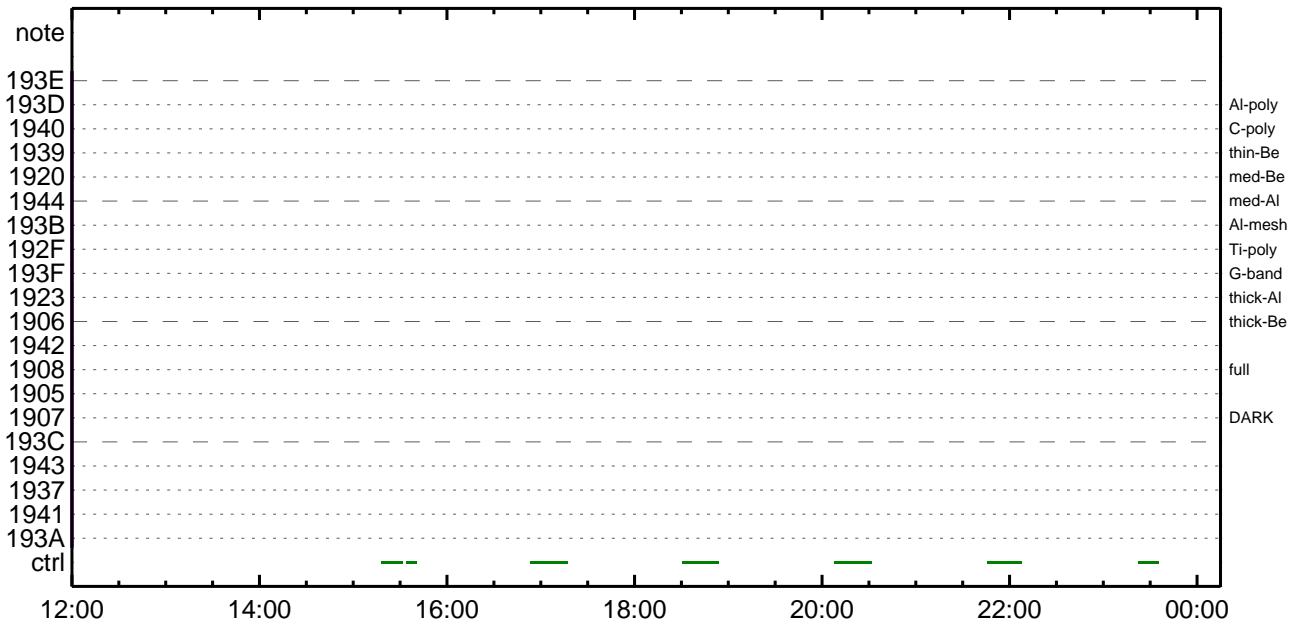
CMDI #0025 2012/11/03



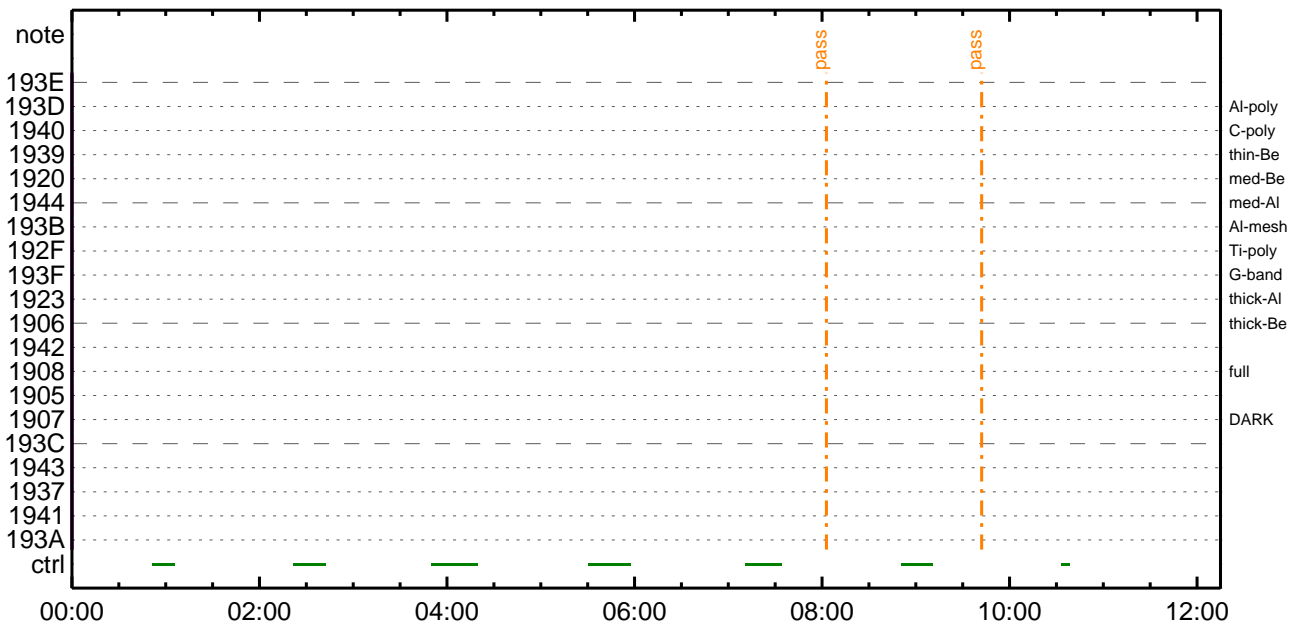
CMDI #0025 2012/11/04



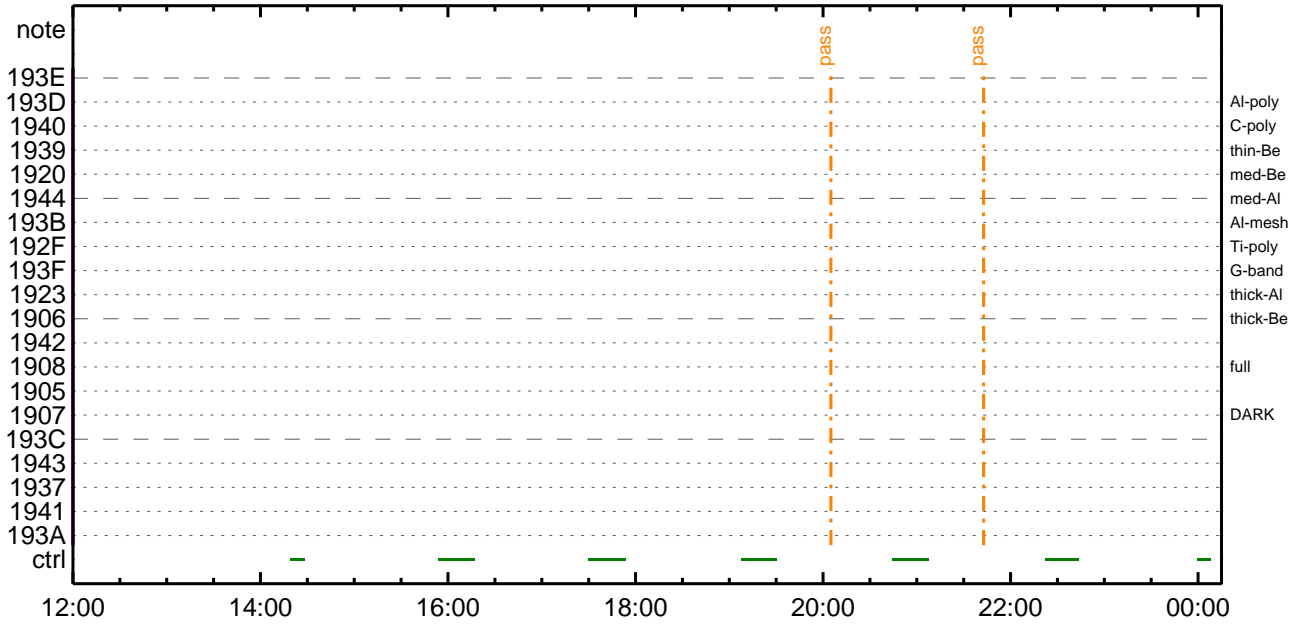
CMDI #0025 2012/11/04



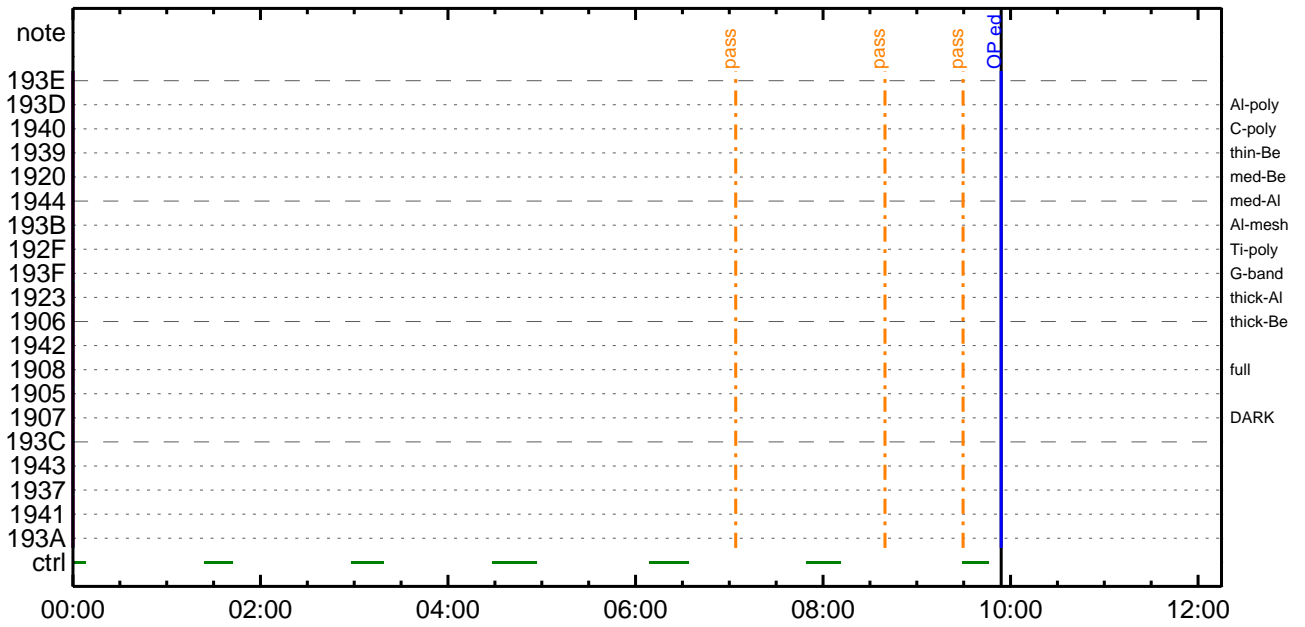
CMDI #0025 2012/11/05



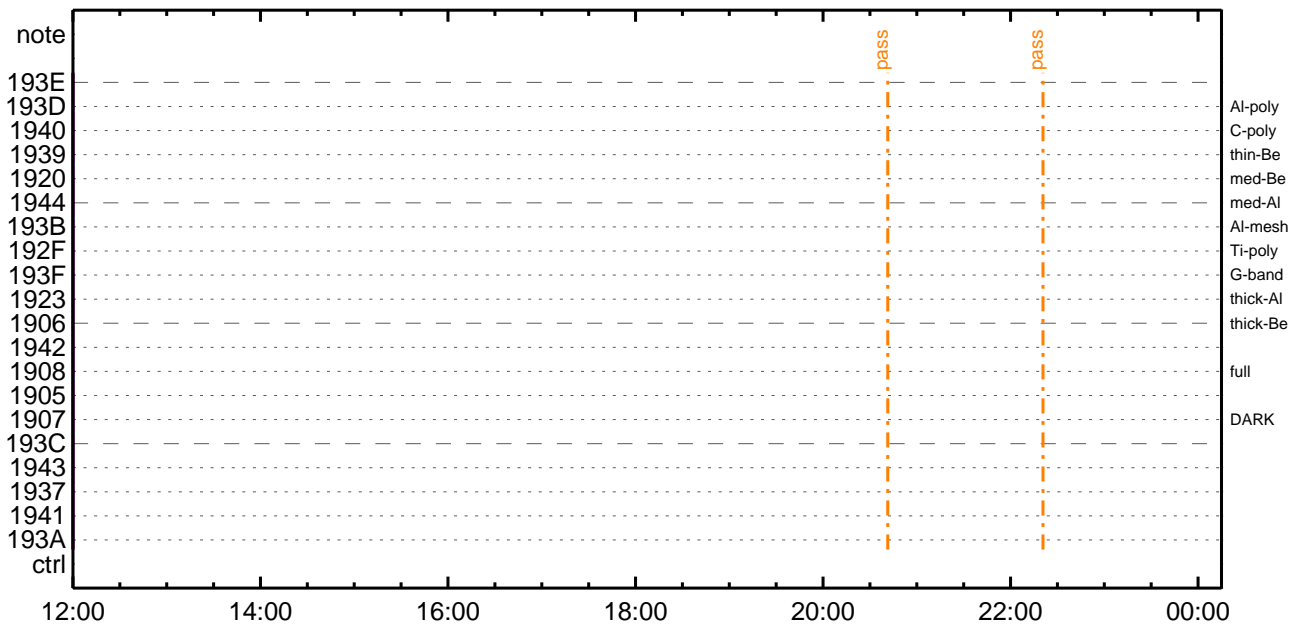
CMDI #0025 2012/11/05



CMDI #0025 2012/11/06



CMDI #0025 2012/11/06




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-241:OP
0104 ( )
0105 S. OG og-241:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYôYx;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. YAYôYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î½E¹ç•è²îOK²³îÇ§
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. YAYôYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î½E¹ç•è²îOK²³îÇ§
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. YAYôYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î½E¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °E²¼²î½E¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;4YE;E½Y½;Yi;4YE;E²òîã¹
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÷ç@NG²î½E¹ç•è²îOK²³îÇ§
0180 C. çç[HK1_DMP_CHK_FLG] EQ NON
0181 C.
0182 C. TIY³YpYôYE²òîã¹ç(UT)
0183 +. TI 2012-11-01 09:26:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2012-11-01 09:26:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2012-11-01 09:26:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-242 2012-11-01 14:33:06 82 33 SOLAR-B MAIN //  
0001 C.  
0002 . C. ***** AOS *****  
0003 C.  
0004 . C. ;ãAOSYÃYSYÃY-¼Ã»Û;ã  
0005 C.  
0006 C. YÃYB;¼Y³YFÝÓYÉÁ+¿®  
0007 +. DC 00-00 NULL_DUMMY_CMD  
0008 C.  
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****  
0010 C. Áí;È¿¤Ã¤•µ°Æ»Í×ÃÇ¤ÍYçYÃY×Yí;¼YÉ;ÈÈ%µ•íÉ;È¿¤Ã°ÇÖ¤¤¿¼í¹ç¤Í;çÄ®, ù¤¹¤è¤¤¤¤çÄ+¿®¤¤¤¤¤¤³¤È;¤  
0011 +. DC 02-8E AOCU_ORB_UPD  
0012 C.  
0013 C.  
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****  
0015 C. Upload the Orbit Element and the Target Attitude  
0016 C. RAM-ID:TARGET_ATT  
0017 . S. RAM ram-150:TARGET_ATT  
0018 ()  
0019 C.  
0020 C.  
0021 C. Set the dump memory area of TARGET_ATT  
0022 +. DC 02-48 AOCU_DUMP_SET  
0023 BC (07 00 00 00 18 00)  
0024 C.  
0025 C. <A_STs1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]  
0026 C.  
0027 C.  
0028 C. Change the TLMFormatNo for the AOCS Dump Format  
0029 +. DC 01-22 DHU_MODE_CHNG  
0030 BC (04 0b f8)  
0031 C.  
0032 C. Wait for AOCS DUMP to end  
0033 C.  
0034 . C. Check the dump memory  
0035 C.  
0036 C. Result = OK [ ]  
0037 C.  
0038 +. DC 01-22 DHU_MODE_CHNG  
0039 BC (02 0a f8)  
0040 C.  
0041 C. <A_***>[TLM STS] FMT = 2 [ ]  
0042 C.  
0043 +. DC 02-8E AOCU_ORB_UPD  
0044 . C.  
0045 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes  
0046 +. DC 07-FC EIS_MODE_MANU  
0047 BC (21 02)  
0048 . C. Verify EIS in MANUAL mode  
0049 . C. Estimated OBSTBL upload time is 21s  
0050 C. *****  
0051 C. EIS START OBSTBL LOAD  
0052 C. *****  
0053 . S. RAM ram-820:EIS_OBSTBL  
0054 ()  
0055 +. DC 07-FC EIS_DUMP_OBSTBL  
0056 BC (07 07 07 00 00 70 00)  
0057 C.  
0058 C. Execute, after the success of OBSTBL upload.  
0059 C. Set EIS TI-commands  
0060 +. TI 2012-11-01 09:30:50.0  
0061 DC 07-FC EIS_MODE_CHG_ENA  
0062 BC (20)  
0063 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP  
0064 C. *****  
0065 C. EIS END OBSTBL LOAD  
0066 C. *****  
0067 C.  
0068 . C. ***** MDP `ûÃîôî»ó%Y¤ÈÃ¤¤¹¤èDCBC•x²è *****  
0069 C. (%ã°îYÓYÃYÈYËYÉYãYçYÈ¤¤%¤¤¼¤Ã»Û¤¹¤è)  
0070 . S. DC-BC dcbc-402:DCBC  
0071 (MDP_known_event)  
0072 C.  
0073 C.  
0074 . C. ***** YDÝ¹•İ Daily±¿îÑ¤È`Ø¤¹¤èDCBC•x²è *****  
0075 . S. DC-BC dcbc-153:DCBC  
0076 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0077 C.  
0078 C.  
0079 . C. ;ãLOSÃYSYÃY-¼Ã»Û;ã  
0080 C.  
0081 . C. ***** LOS *****  
0082 C.
```



```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 c0 c0 10 10)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 40 c0 10 10)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 40 40 10 10)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a c0 40 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b 80 80 20 08)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0c 80 80 08 20)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0d 85 83 08 08)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0e 85 83 04 04)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 0f 80 80 06 06)
0146 + DC 07-F0 MDP_XRT_ROI_SET
0147 BC (cd 10 80 80 08 08)
0148 + DC 07-F0 MDP_XRT_FLD_DIS
0149 BC (d9)
0150 + DC 07-F0 MDP_XRT_FLRCTRL_DIS
0151 BC (c9)
0152 + DC 07-F0 MDP_XRT_AEC_RESET
0153 BC (d0)
0154 + DC 07-F0 MDP_XRT_ARS_DIS
0155 BC (d5)
0156 + DC 07-F0 MDP_XRT_FLD_RESET
0157 BC (da)
0158 + DC 07-F0 MDP_XRT_QT_PROG_SET
0159 BC (c4 12)
0160 . C. ----- Success Verify ? OK / NG ____
0161 C.
0162 C.
0163 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0164 C.
0165 +. DC 07-F0 MDP_XRT_MODE_OBSV
0166 BC (c2)
0167 +. TI 2012-11-01 09:30:02.0
0168 DC 07-F0 MDP_XRT_MODE_OBSV
0169 BC (c2)
0170 . C. ----- Success Verify ? OK / NG ____
0171 C.
0172 C. ***** XRT END *****
0173 . C. *****
0174 C. SOT table upload
0175 C. *****
0176 . C. < Stop FG table >
0177 +. DC 07-F0 MDP_FG_CTRL_MANU
0178 BC (51)
0179 . C. -----
0180 C. MDP_FG_CTRL_MODE = MANU [ ]
0181 C. -----
0182 C.
0183 . C. <Upload FG Observation Table>
0184 . S. RAM ram-269:MDP_OBS_F
0185 ( )
0186 C.
0187 . C. < Dump RAMID=MDP_OBS_F >
0188 +. DC 07-F0 MDP_DUMP_FGTBL
0189 BC (82 07 00 00 00 38 b8)
0190 C. -----
0191 C. MDP_OBS_F verify = OK/NG [ ]
0192 C. -----
0193 C.

```


Nov 01, 12 14:33

XRT_OGLIST_0025.chk

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*** OP Sequence for XRT ***

2012/11/01	09:41:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	00	00	00	00
2012/11/01	10:30:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/01	10:30:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_409_OG [0x199]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2012/11/01	14:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03	00	00	00	00
2012/11/01	17:14:24.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/01	17:14:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	2e	f9	2e	f9
2012/11/01	17:17:02.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/01	17:17:22.0	XRT_QT_PROG_SET_430_OG [0x1ae]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2012/11/01	17:17:24.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/01	17:17:26.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/01	17:17:28.0	XRT_ARS_DIS_412_OG [0x19c]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/01	17:17:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/01	17:24:24.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/01	17:24:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2012/11/01	17:27:02.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/01	17:27:22.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2012/11/01	17:27:24.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/01	17:27:26.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/01	17:27:28.0	XRT_ARS_DIS_412_OG [0x19c]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/01	17:27:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/01	17:34:24.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/01	17:34:30.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	d1	07	d1	07
2012/11/01	17:37:02.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/01	17:37:22.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2012/11/01	17:37:24.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/01	17:37:26.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/01	17:37:28.0	XRT_ARS_DIS_412_OG [0x19c]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/01	17:37:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/01	17:44:24.0	XRT_CTRL_MANU_421_OG [0x1a5]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/01	17:44:30.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	d1	07	2e	f9
2012/11/01	17:47:02.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/01	17:47:22.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2012/11/01	17:47:24.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/01	17:47:26.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/01	17:47:28.0	XRT_ARS_DIS_412_OG [0x19c]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/01	17:47:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/01	17:54:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/01	17:54:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/01	17:54:30.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	00	00	00	00
2012/11/01	17:54:46.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/01	17:54:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/01	17:54:50.0	XRT_ARS_DIS_406_OG [0x196]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/01	17:57:28.0	XRT_QT_PROG_SET_419_OG [0x1a3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2012/11/01	17:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/01	18:04:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	00	00	00	00
2012/11/02	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							

2012/11/02	05:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00	
2012/11/02	06:00:00.0	AOCs_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	00	00	00	00
2012/11/02	06:00:16.0	XRT_FLD_DIS_404_OG [0x194]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/02	06:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/02	06:00:20.0	XRT_ARS_DIS_406_OG [0x196]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	06:02:58.0	XRT_QT_PROG_SET_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2012/11/02	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	06:10:00.0	AOCs_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00	00
2012/11/02	13:59:54.0	XRT_ROI_A_407_OG [0x197]	MDP_XRT_ROI_SET	6	07-F0	cd	05	85	83	06
			MDP_XRT_ROI_SET	6	07-F0	cd	06	80	80	20
			MDP_XRT_ROI_SET	6	07-F0	cd	07	85	83	06
			MDP_XRT_ROI_SET	6	07-F0	cd	0b	80	80	20
			MDP_XRT_ROI_SET	6	07-F0	cd	0c	80	80	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0d	85	83	08
			MDP_XRT_ROI_SET	6	07-F0	cd	0e	85	83	04
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06
2012/11/02	13:59:54.5	XRT_ROI_B_416_OG [0x1a0]	MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06
			MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80	08
2012/11/02	13:59:59.5	XRT_CTRL_MANU_437_OG [0x1b5]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	14:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03	00	00	00	00
2012/11/02	14:02:28.5	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/02	14:02:48.5	XRT_FLD_ENA_428_OG [0x1ac]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/11/02	14:02:50.5	XRT_FLRCTRL_ENA_429_OG [0x1ad]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/11/02	14:02:52.5	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	14:02:54.5	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/11/02	14:02:56.5	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2012/11/02	14:02:58.5	XRT_FL_PROG_SET_444_OG [0x1bc]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	10			
2012/11/02	14:03:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	14:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	14:08:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/11/02	14:08:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/11/02	14:11:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/11/02	14:14:00.0	XRT_Custom_434_OG [0x1b2]								
2012/11/02	14:15:00.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	15:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	15:40:32.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da				
2012/11/02	15:40:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/11/02	15:43:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/11/02	16:04:00.0	XRT_Custom_434_OG [0x1b2]								
2012/11/02	16:05:00.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	16:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	16:29:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/02	16:30:00.0	AOCs_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00	00
2012/11/02	16:30:16.0	XRT_FLD_DIS_404_OG [0x194]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/02	16:30:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/02	16:30:20.0	XRT_AEC_RESET_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/11/02	16:30:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	16:49:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2012/11/02	16:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	17:49:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	

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2012/11/02	17:50:00.0	AOCS_OrE-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	04	00	00	00	00
2012/11/02	17:50:16.0	XRT_FLD_DIS_404_OG [0x194] MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/02	17:50:18.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/02	17:50:20.0	XRT_ARS_DIS_448_OG [0x1c0] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	17:53:58.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2012/11/02	17:54:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	18:39:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	18:39:56.0	XRT_FLD_DIS_404_OG [0x194] MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/02	18:39:58.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/02	18:40:00.0	XRT_ARS_DIS_438_OG [0x1b6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	18:40:02.0	XRT_QT_PROG_SET_411_OG [0x19b] MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2012/11/02	18:40:04.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	18:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	18:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/02	19:00:00.0	AOCS_OrE-point_Start_1_OG [0x097] AOCU_NM	5	02-76	01	00	00	00	00
2012/11/02	19:00:16.0	XRT_FLD_DIS_404_OG [0x194] MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/02	19:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/02	19:00:20.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	19:01:58.0	XRT_QT_PROG_SET_445_OG [0x1bd] MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2012/11/02	19:02:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	20:00:00.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	20:21:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	20:21:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/11/02	20:22:00.0	AOCS_OrE-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00	00	00	00	00
2012/11/02	20:22:16.0	XRT_FLD_DIS_404_OG [0x194] MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/11/02	20:22:18.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/11/02	20:22:20.0	XRT_ARS_DIS_441_OG [0x1b9] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	20:26:58.0	XRT_QT_PROG_SET_419_OG [0x1a3] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2012/11/02	20:27:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	20:31:54.0	XRT_CTRL_MANU_442_OG [0x1ba] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	20:32:00.0	AOCS_OrE-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00	10	41	ae	36
2012/11/02	20:55:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/11/02	20:55:46.0	XRT_FLD_ENA_428_OG [0x1ac] MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/11/02	20:55:48.0	XRT_FLRCTRL_ENA_429_OG [0x1ad] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/11/02	20:55:50.0	XRT_AEC_RESET_423_OG [0x1a7] MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/11/02	20:55:52.0	XRT_ARS_DIS_438_OG [0x1b6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/11/02	20:55:54.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/11/02	20:55:56.0	XRT_QT_PROG_SET_427_OG [0x1ab] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2012/11/02	20:55:58.0	XRT_FL_PROG_SET_444_OG [0x1bc] MDP_XRT_FL_PROG_SET	2	07-F0	c5	10			
2012/11/02	20:56:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	22:09:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/11/02	22:09:02.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/11/02	22:09:04.0	XRT_PREFLR_STRT_432_OG [0x1b0] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/11/02	22:12:14.0	XRT_PREFLR_STOP_433_OG [0x1b1] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/11/02	22:30:30.0	XRT_Custom_434_OG [0x1b2]							
2012/11/02	22:31:30.0	XRT_CTRL_AUTO_413_OG [0x19d] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/11/02	23:46:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2012/11/02	23:46:32.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/11/02	23:46:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/11/02	23:49:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/11/03	04:43:30.0	XRT_Custom_434_OG [0x1b2]					
2012/11/03	04:44:30.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/11/03	05:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/11/03	05:55:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/11/03	05:55:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/11/03	05:58:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/11/03	06:30:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/11/03	06:30:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2012/11/03	06:31:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 00 00 00 00	
2012/11/03	06:31:16.0	XRT_FLD_DIS_404_OG [0x194]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/11/03	06:31:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/11/03	06:31:20.0	XRT_ARS_DIS_406_OG [0x196]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/11/03	06:33:58.0	XRT_QT_PROG_SET_419_OG [0x1a3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2012/11/03	06:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/11/03	06:40:54.0	XRT_CTRL_MANU_447_OG [0x1bf]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/11/03	06:41:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00	
2012/11/03	06:43:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/11/03	06:43:46.0	XRT_FLD_ENA_428_OG [0x1ac]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2012/11/03	06:43:48.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2012/11/03	06:43:50.0	XRT_AEC_RESET_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/11/03	06:43:52.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/11/03	06:43:54.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/11/03	06:43:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2012/11/03	06:43:58.0	XRT_FL_PROG_SET_444_OG [0x1bc]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 10	
2012/11/03	06:44:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/11/03	07:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/11/03	07:35:32.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/11/03	07:35:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/11/03	07:38:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/11/03	09:50:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/11/03	09:51:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 00 00 00 00	