

XRT Timeline to be uploaded on 2014/06/21

Period: 2014/06/21 09:58:00 - 2014/06/30 08:53:00

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Normal mode

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XOB #19A1: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 40s cad With G-band and VLS closed												
Term	Pointing (x, y)		Comment									
06/21 10:11:00 - 06/21 12:54:30	Fixed (-915.0, -200.0)		# OP start + 10min, EIS T diag at SE limb									
06/21 13:26:00 - 06/21 17:34:54	Track (11.4, -226.8) @ 06/21 13:00:00		AR 12093 tracking									
06/21 18:35:30 - 06/22 05:59:54	Track (53.7, -227.1) @ 06/21 17:45:00		AR 12093 tracking									
06/22 06:13:00 - 06/22 18:04:54	Track (163.7, -227.7) @ 06/22 06:10:00		AR 12093 tracking									
06/22 18:18:00 - 06/23 05:47:30	Track (268.5, -227.7) @ 06/22 18:15:00		AR 12093 tracking									
06/23 06:44:30 - 06/23 17:24:00	Track (372.5, -227.3) @ 06/23 06:41:30		AR 12093 tracking									
06/23 18:22:30 - 06/24 05:56:24	Track (464.9, -226.4) @ 06/23 18:19:30		AR 12093 tracking									
PROG= 06 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 68 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	12ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 2 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-Be	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Seqn= 4 52-time(s) 40.0sec												
└─ Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
└─ Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
└─ Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
└─ Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
└─ Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
└─ Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #199D: Synoptic Q95 2x2 - Al/mesh(12/128/512) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(64/256/1024) + G-b												
Term	Pointing (x, y)		Comment									
06/21 17:38:00 - 06/21 17:44:54	Fixed (0.0, 0.0)		synoptic, shifted -25.0 min									
06/22 06:03:00 - 06/22 06:09:54	Fixed (0.0, 0.0)		synoptic									
06/22 18:08:00 - 06/22 18:14:54	Fixed (0.0, 0.0)		synoptic, shifted 5.0 min									
06/23 06:34:30 - 06/23 06:41:24	Fixed (0.0, 0.0)		synoptic, shifted 31.5 min									
06/23 18:12:30 - 06/23 18:19:24	Fixed (0.0, 0.0)		synoptic, shifted 9.5 min									
06/24 05:59:30 - 06/24 06:06:24	Fixed (0.0, 0.0)		synoptic, shifted -3.5 min									
06/24 17:48:30 - 06/24 17:55:24	Fixed (0.0, 0.0)		synoptic, shifted -14.5 min									
06/28 06:59:30 - 06/28 07:06:24	Fixed (0.0, 0.0)		synoptic, shifted 16.5 min									
PROG= 12 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 3 1-time(s) 4.0sec												
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 5 1-time(s) 2.0sec												
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 17 1-time(s) 4.0sec												
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 7 1-time(s) 2.0sec												
└─ Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	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 #1998: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 60s cad With G-band and VLS closed												
Term	Pointing (x, y)		Comment									
06/24 06:09:30 - 06/24 17:45:24	Track (552.5, -225.0) @ 06/24 06:06:30		AR 12093 tracking									
06/24 18:46:30 - 06/24 19:39:00	Track (633.0, -223.1) @ 06/24 17:55:30		AR 12093 tracking									
06/28 07:09:30 - 06/28 08:00:00	Fixed (916.0, -202.0)		AR 12093 limb fixed									
PROG= 07 Inf.-time(s)												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 68 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	12ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 2 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-Be	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 4 52-time(s) 60.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #19A9: G-Band Alignment with North Pole Q90 2x2(G-band only) - 8msec - 5min cadence - Partial Sun-wNGT-2												
Term			Pointing (x, y)				Comment					
06/24 20:15:00 - 06/24 21:59:54			Fixed (0.0, 930.0)				Coalignment N limb					
PROG= 10 1-time(s)												
└ Subr= 1 1-time(s) 360.0sec												
└ Seqn= 93 24-time(s) 300.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #19AA: G-Band Alignment with East limb Q90 2x2 (G-band only) - 8msec- 8 min cadence-wNGT-2												
Term			Pointing (x, y)				Comment					
06/24 22:15:00 - 06/24 23:59:54			Fixed (-945.0, 0.0)				Coalignment E limb					
PROG= 18 1-time(s)												
└ Subr= 1 1-time(s) 360.0sec												
└ Seqn= 94 15-time(s) 480.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	1536x2048 (1280, 1024)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1A08: CCD Monitor During Bakeout - G-Band 33ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh (512ms), Ti/Poly (1443ms) - w leak image-33 ms												
Term			Pointing (x, y)				Comment					
06/28 06:19:05 - 06/28 06:25:54			Fixed (-528.4, -528.4)				XRT quad point #1					
PROG= 02 1-time(s)												
└ Subr= 1 1-time(s) 12.0sec												
└ Seqn= 88 1-time(s) 12.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	32ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	32ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
└ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 23 2-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└ Subr= 3 2-time(s) 2.0sec												
└ Seqn= 12 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
└ Seqn= 14 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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1A09: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (512ms), Ti/Poly (1443ms) - w leak image-33 ms-2												
Term			Pointing (x, y)				Comment					
06/28 06:29:00 - 06/28 06:35:54			Fixed (528.4, -528.4)				XRT quad point #2					
PROG= 16 1-time(s)												
└ Subr= 1 1-time(s) 12.0sec												
└ Seqn= 31 1-time(s) 12.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	32ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	32ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
└ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 23 2-time(s) 2.0sec												
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└ Subr= 3 2-time(s) 2.0sec												
└ Seqn= 12 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
└ Seqn= 14 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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1A0A: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (512ms), Ti/Poly (1443ms) - w leak image-33 ms-2												
Term			Pointing (x, y)				Comment					

PROG= 17 1-time(s)

Subr= 1 1-time(s) 12.0sec													
Seqn= 81 1-time(s) 12.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	32ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	32ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 23 2-time(s) 2.0sec													
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 3 2-time(s) 2.0sec													
Seqn= 12 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
Seqn= 14 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
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1A0B: CCD Monitor During Bakeout - G-Band 33ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (512ms), Ti/Poly (1443ms) - w leak image-33 ms

Term	Pointing (x, y)	Comment
06/28 06:49:00 - 06/28 06:56:24	Fixed (-528.4, 528.4)	XRT quad point #4
PROG= 09 1-time(s)		
Subr= 1 1-time(s) 12.0sec		
Seqn= 28 1-time(s) 12.0sec		
	Open/G-band	Open/G-band open Safe Norm 32ms Obs 1x1 2048x1536 (1024, 768) Q=90 0 0 2.0sec
	Open/G-band	Open/G-band open Safe Norm 32ms Obs 1x1 2048x1536 (1024, 768) Q=90 0 0 2.0sec
	Open/thick-Be	Open/thick-Be close Safe Dark 32ms Obs 1x1 2048x1536 (1024, 768) Q=98 0 0 2.0sec
	Open/thick-Be	Open/thick-Be close Safe Dark 32ms Obs 1x1 2048x1536 (1024, 768) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 23 2-time(s) 2.0sec		
	Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
	Open/Ti-poly	Open/thick-Al close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 3 2-time(s) 2.0sec		
Seqn= 12 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
Seqn= 14 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
	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 #199C: Flare Standard Obs. with eruptions mode-A (FW1=Open and VLS-Closed)

Term	Pointing (x, y)	Comment
06/21 10:11:00 - 06/21 12:54:30	Fixed (-915.0, -200.0)	# OP start + 10min, EIS T diag at SE limb
06/21 13:26:00 - 06/21 17:34:54	Track (11.4, -226.8) @ 06/21 13:00:00	AR 12093 tracking
06/21 18:35:30 - 06/22 05:59:54	Track (53.7, -227.1) @ 06/21 17:45:00	AR 12093 tracking
06/22 06:13:00 - 06/22 18:04:54	Track (163.7, -227.7) @ 06/22 06:10:00	AR 12093 tracking
06/22 18:18:00 - 06/23 05:47:30	Track (268.5, -227.7) @ 06/22 18:15:00	AR 12093 tracking
06/23 06:44:30 - 06/23 17:24:00	Track (372.5, -227.3) @ 06/23 06:41:30	AR 12093 tracking
06/23 18:22:30 - 06/24 05:56:24	Track (464.9, -226.4) @ 06/23 18:19:30	AR 12093 tracking
06/24 06:09:30 - 06/24 17:45:24	Track (552.5, -225.0) @ 06/24 06:06:30	AR 12093 tracking
06/24 18:46:30 - 06/24 19:39:00	Track (633.0, -223.1) @ 06/24 17:55:30	AR 12093 tracking
06/28 07:09:30 - 06/28 08:00:00	Fixed (916.0, -202.0)	AR 12093 limb fixed

PROG= 08 1-time(s)

Subr= 1 30-time(s) 20.0sec													
Seqn= 55 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 9 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 39 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1024, 1024)	DPCM	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3 30-time(s) 60.0sec													
Seqn= 55 1-time(s) 2.0sec													
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 70 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 39 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec

	Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1024, 1024)	DPCM	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3	30-time(s)		60.0sec										
	Seqn= 55		1-time(s)		2.0sec								
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Seqn= 70		1-time(s)		2.0sec								
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 2	1-time(s)		2.0sec										
	Seqn= 39		1-time(s)		2.0sec								
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	384x384 (1024, 1024)	DPCM	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Subr= 3	30-time(s)		60.0sec										
	Seqn= 55		1-time(s)		2.0sec								
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
	Seqn= 70		1-time(s)		2.0sec								
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Subr= 4	24-time(s)		600.0sec										
	Seqn= 1		1-time(s)		2.0sec								
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

* * * * *

Active Region Search

* * * * *

NOT USED

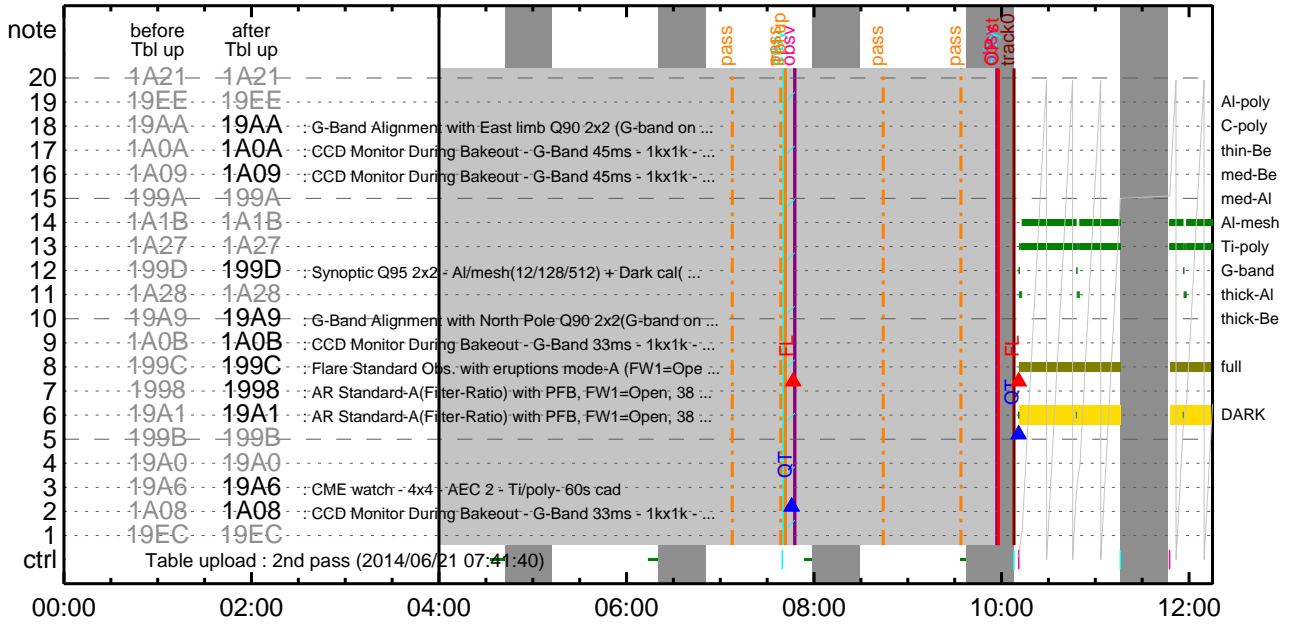
* * * * *

Flare Detection

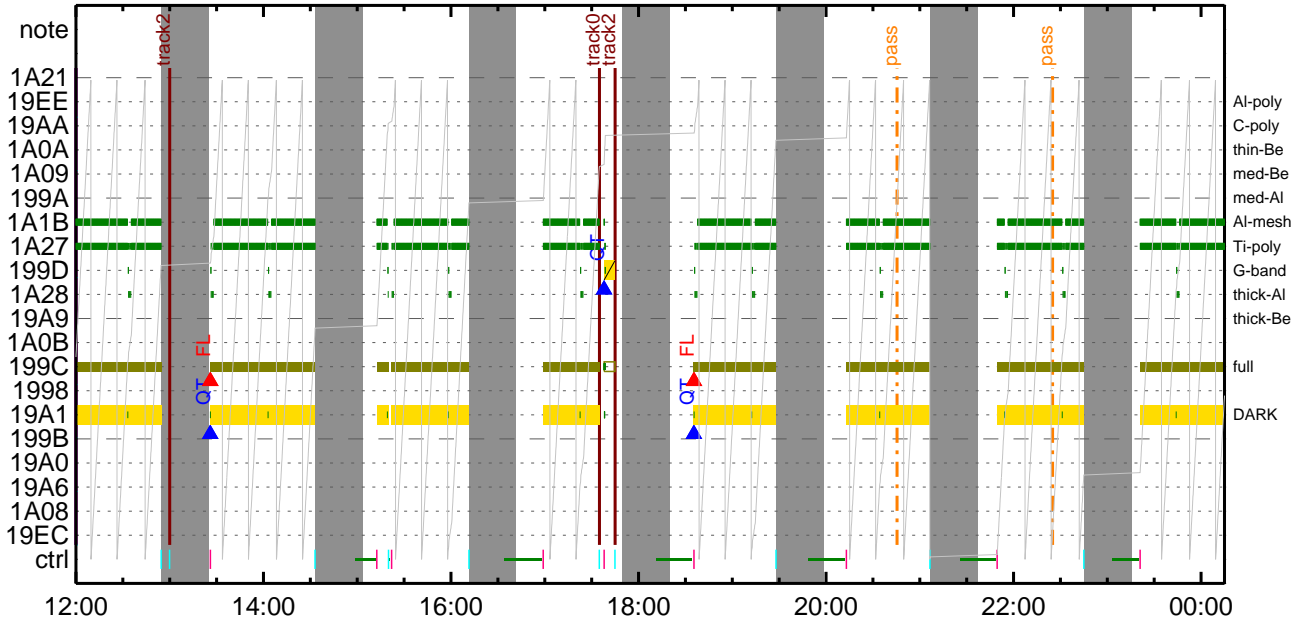
* * * * *

FLD Patrol												
Term	Pointing (x, y)						Comment					
06/21 17:45:16 - 06/22 06:00:16	Track (	53.7,	-227.1)	@ 06/21 17:45:00	AR	12093	tracking					
06/22 06:10:16 - 06/22 18:05:16	Track (	163.7,	-227.7)	@ 06/22 06:10:00	AR	12093	tracking					
06/22 18:15:16 - 06/23 06:31:46	Track (	268.5,	-227.7)	@ 06/22 18:15:00	AR	12093	tracking					
06/23 06:41:46 - 06/23 18:09:46	Track (	372.5,	-227.3)	@ 06/23 06:41:30	AR	12093	tracking					
06/23 18:19:46 - 06/24 05:56:46	Track (	464.9,	-226.4)	@ 06/23 18:19:30	AR	12093	tracking					
06/24 06:06:46 - 06/24 17:45:46	Track (	552.5,	-225.0)	@ 06/24 06:06:30	AR	12093	tracking					
06/24 17:59:46 - 06/24 20:00:16	Track (	633.0,	-223.1)	@ 06/24 17:55:30	AR	12093	tracking					
06/28 07:06:46 - 06/30 08:53:00	Fixed (	916.0,	-202.0)		AR	12093	limb fixed					
	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

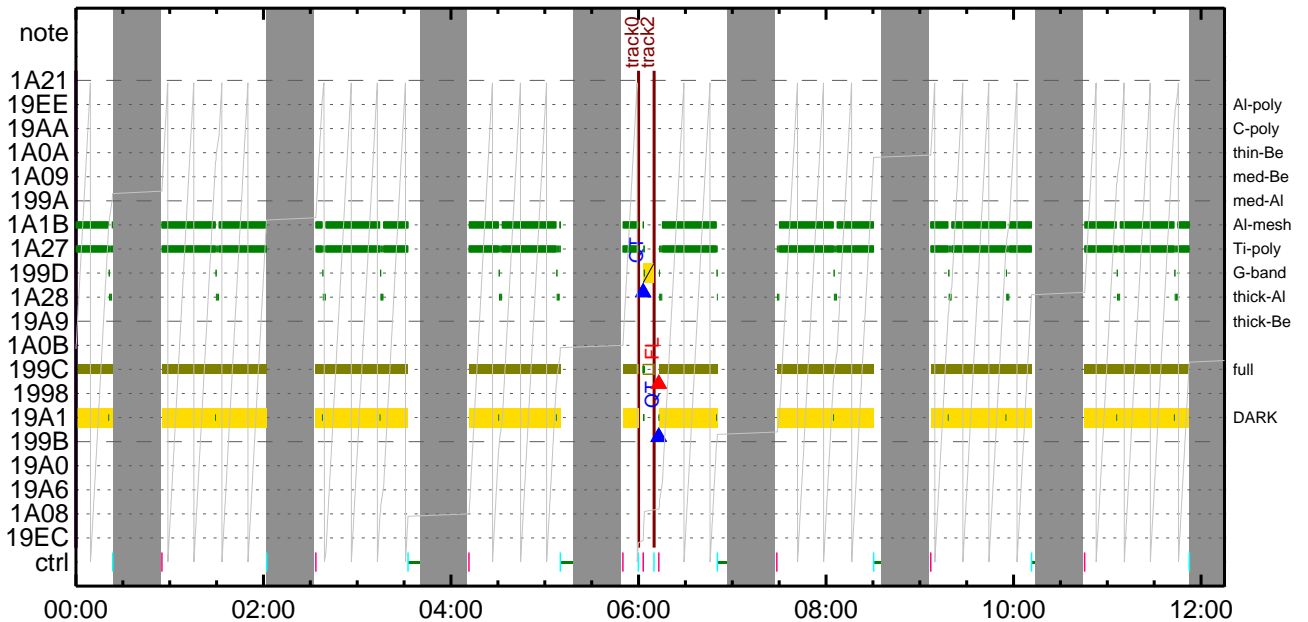
CMDI #0357 2014/06/21



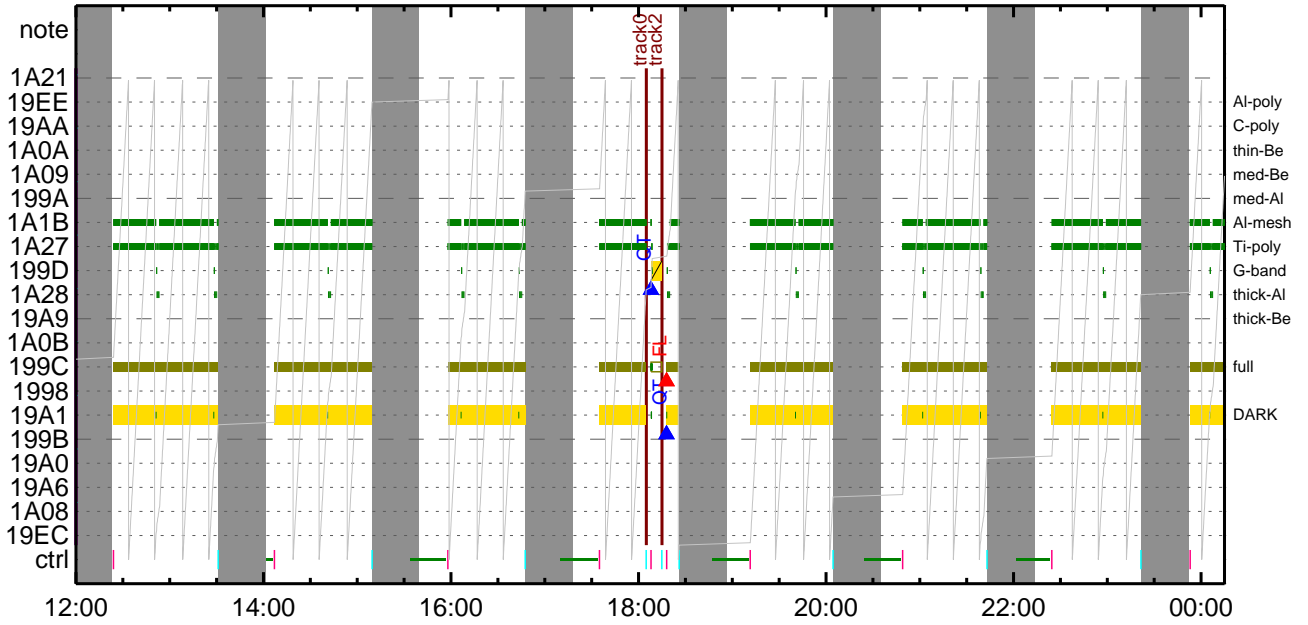
CMDI #0357 2014/06/21



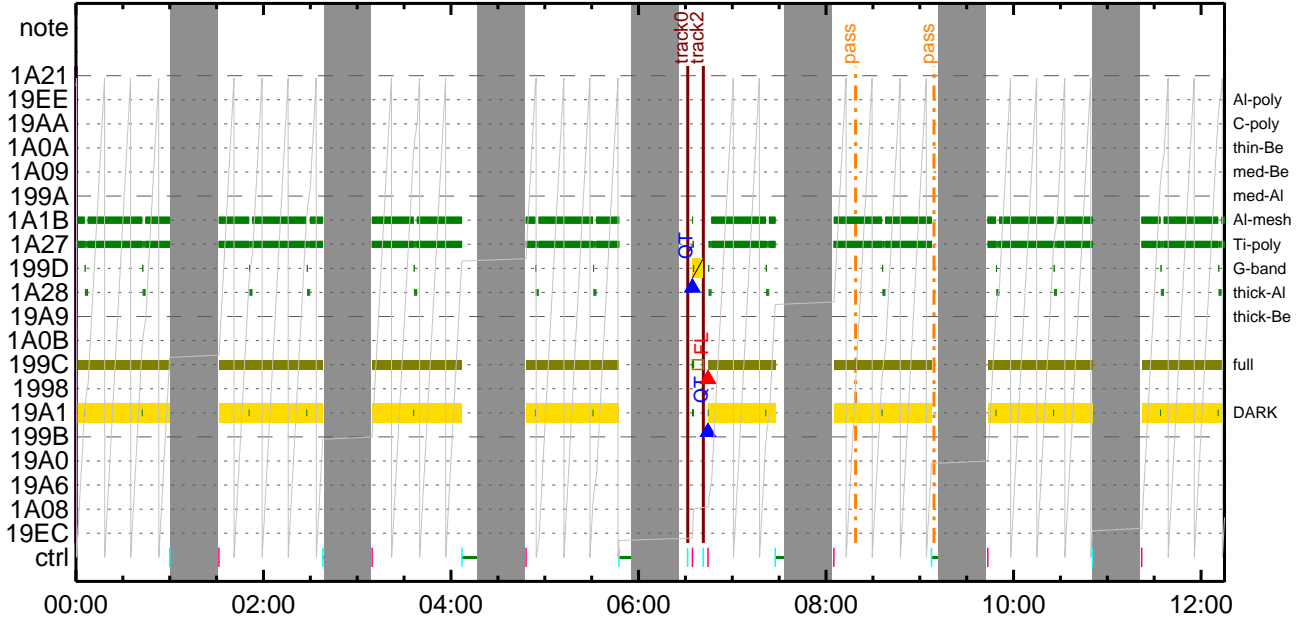
CMDI #0357 2014/06/22



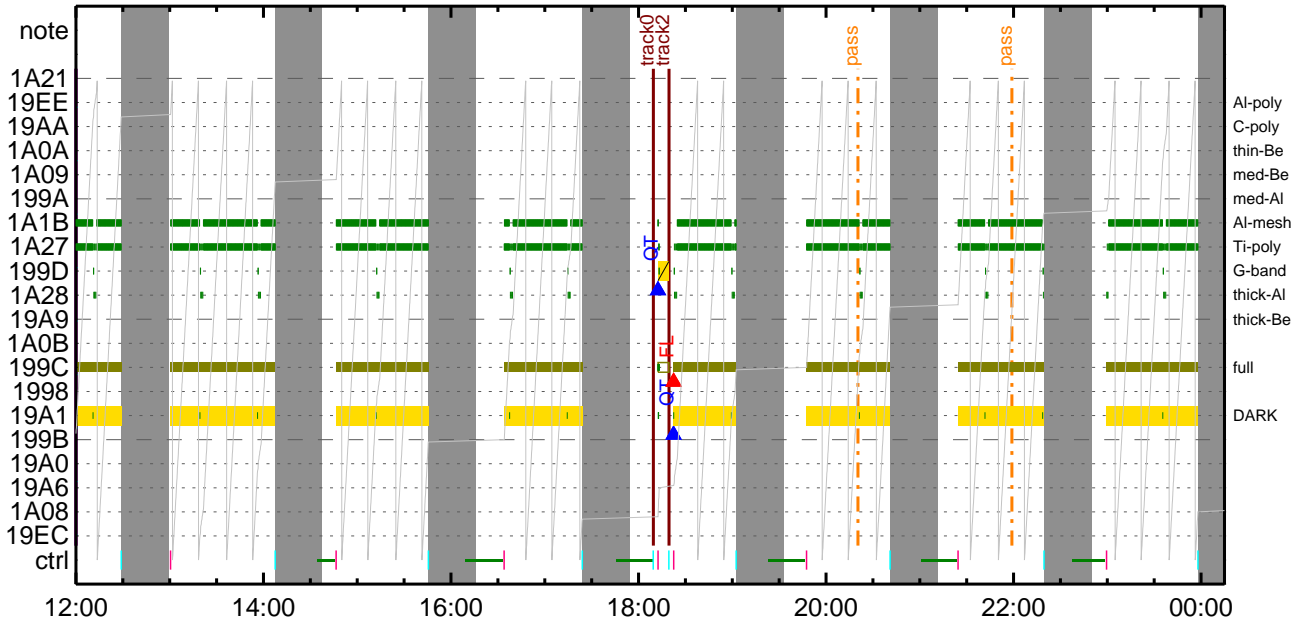
CMDI #0357 2014/06/22



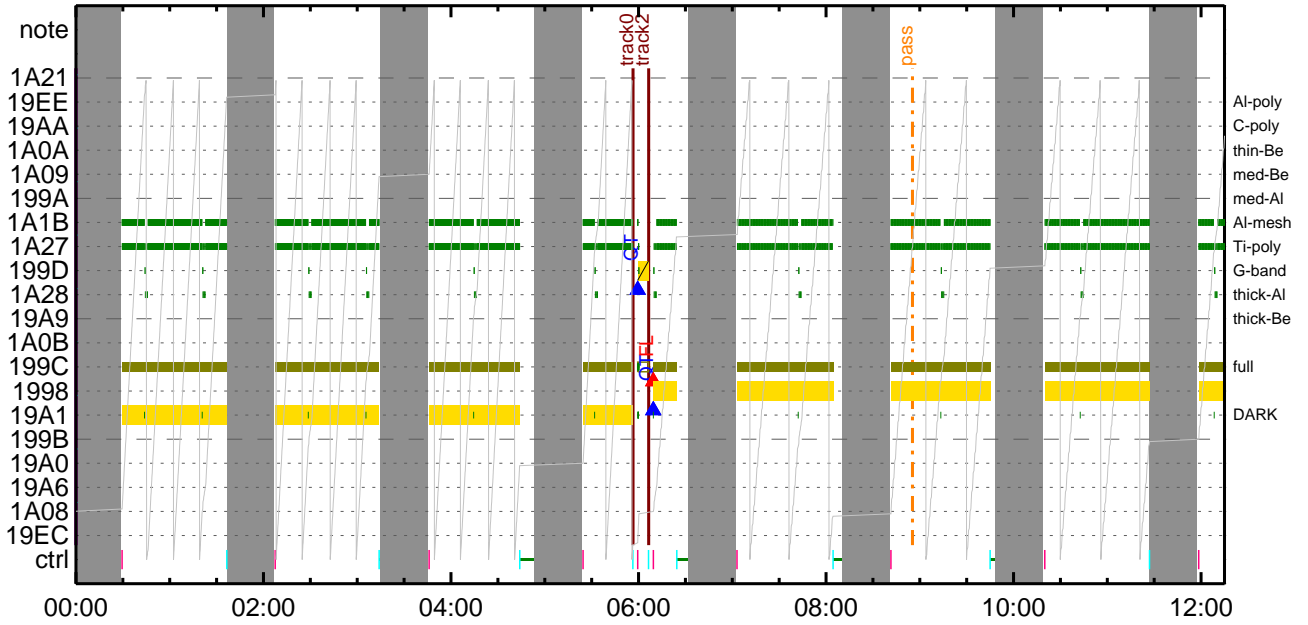
CMDI #0357 2014/06/23



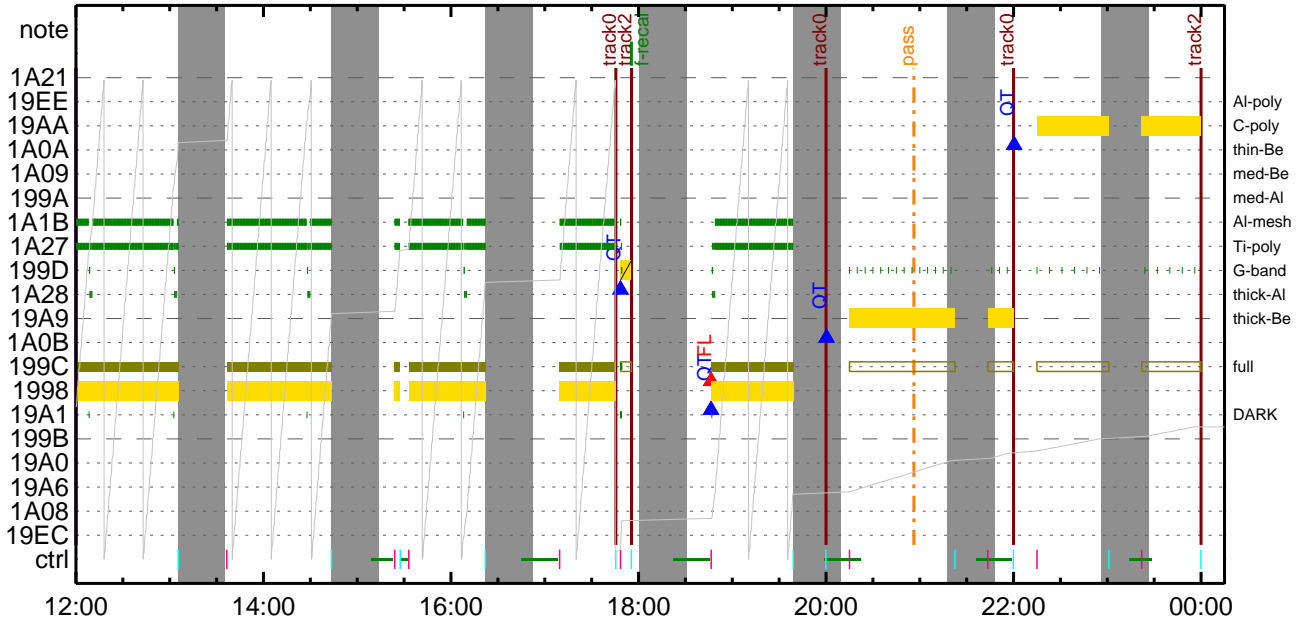
CMDI #0357 2014/06/23



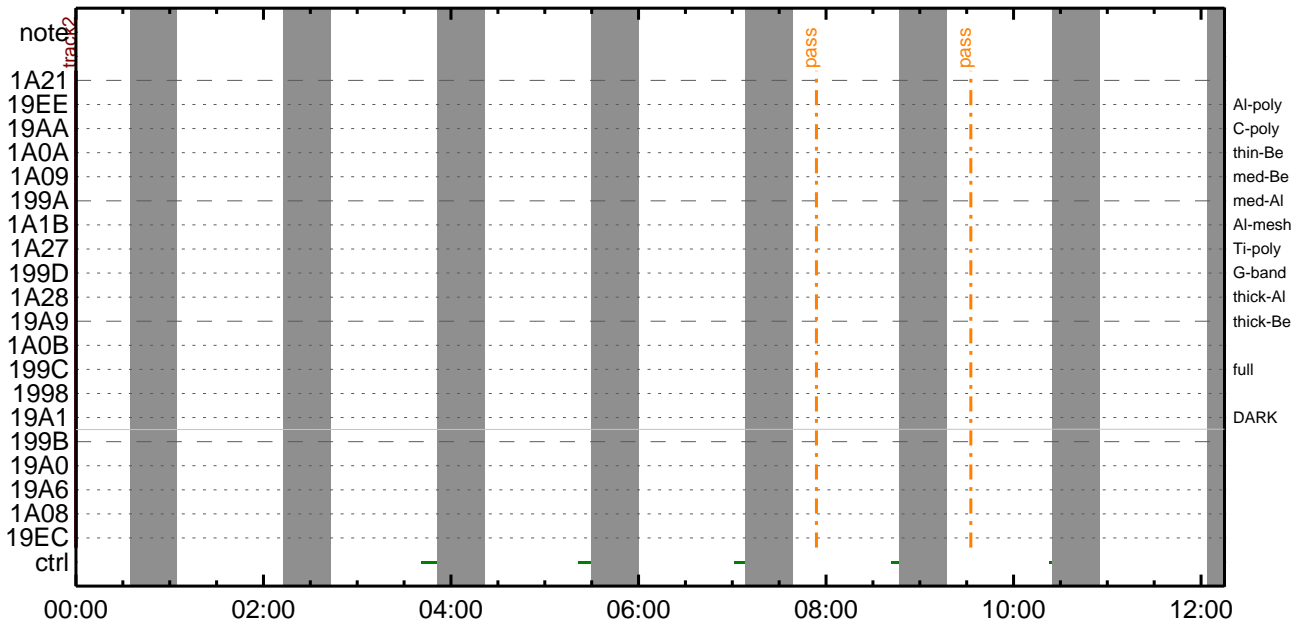
CMDI #0357 2014/06/24



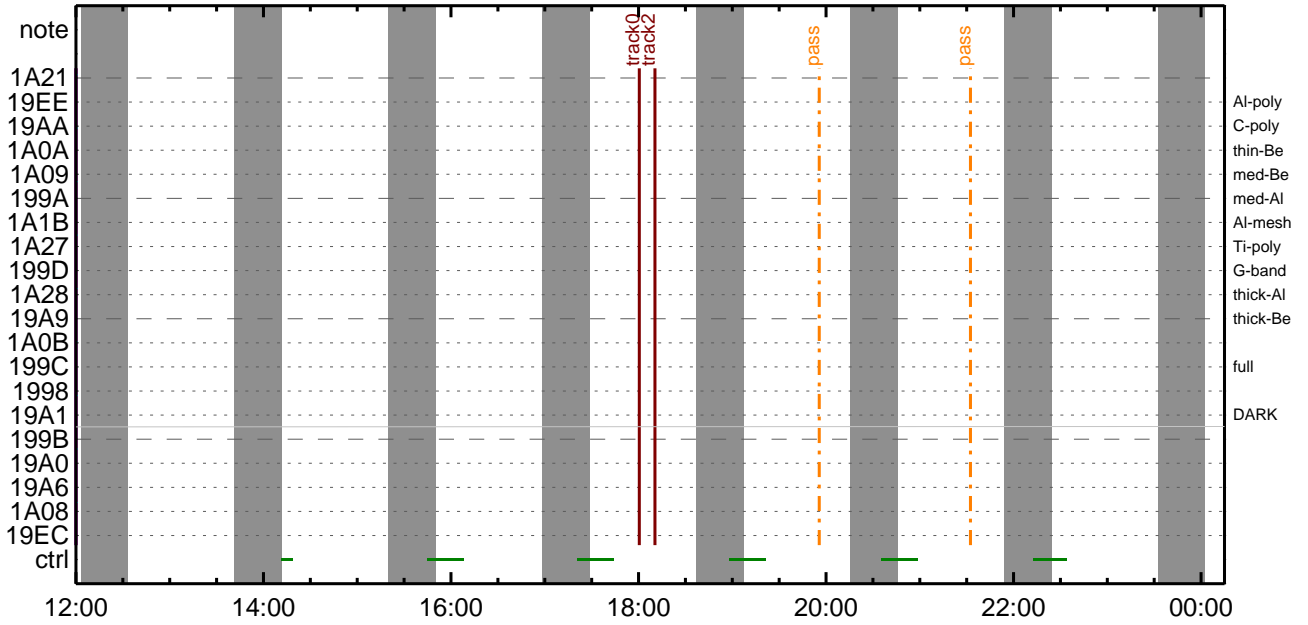
CMDI #0357 2014/06/24



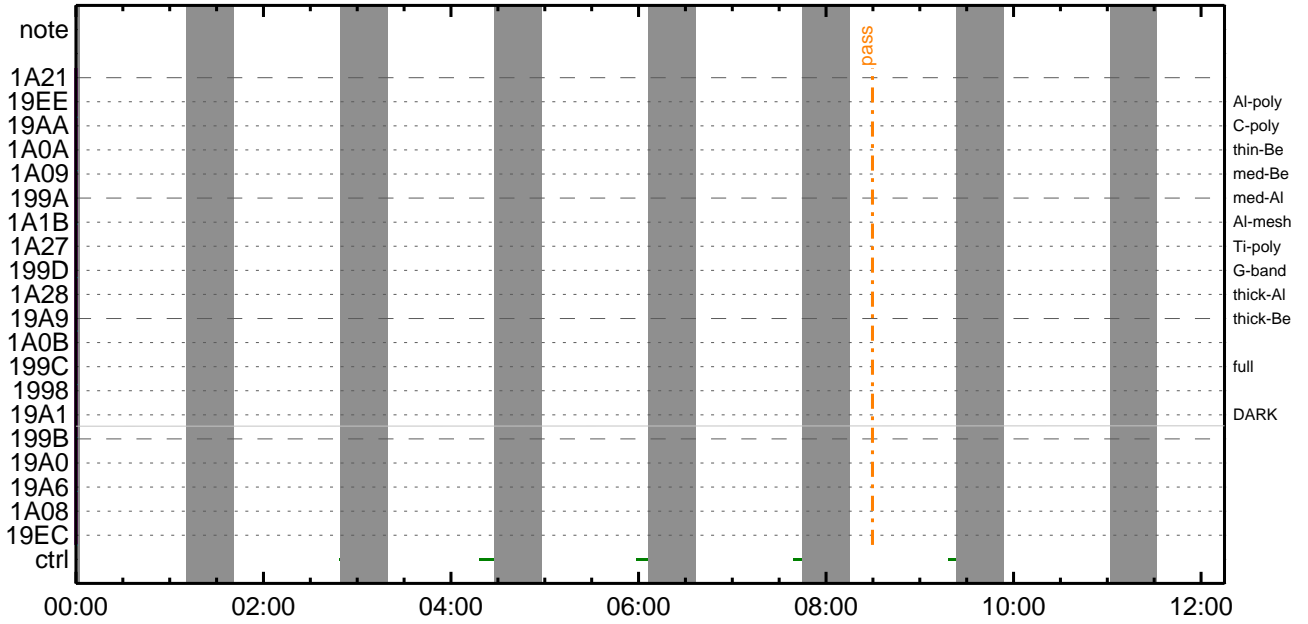
CMDI #0357 2014/06/25



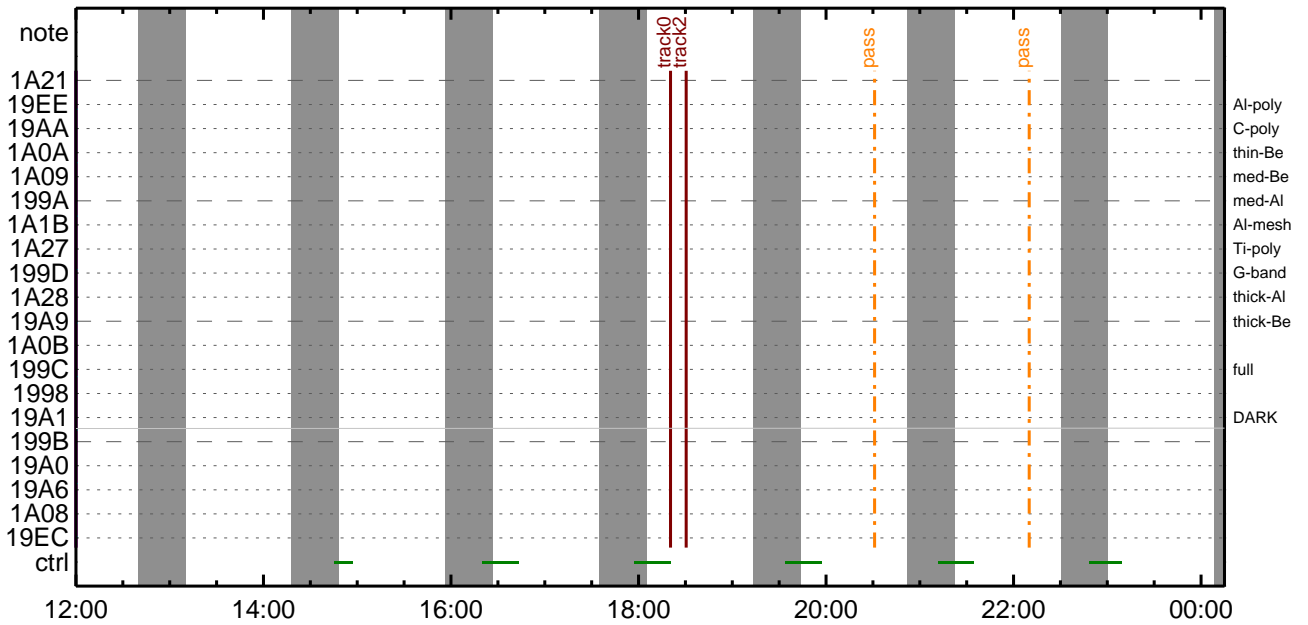
CMDI #0357 2014/06/25



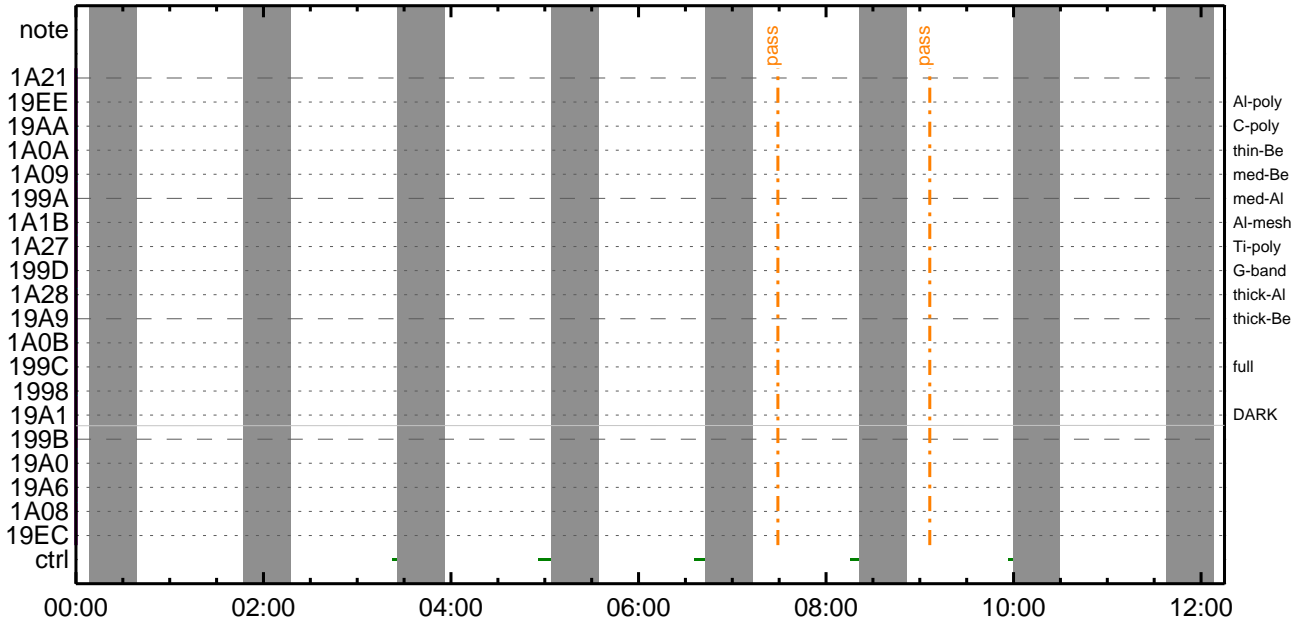
CMDI #0357 2014/06/26



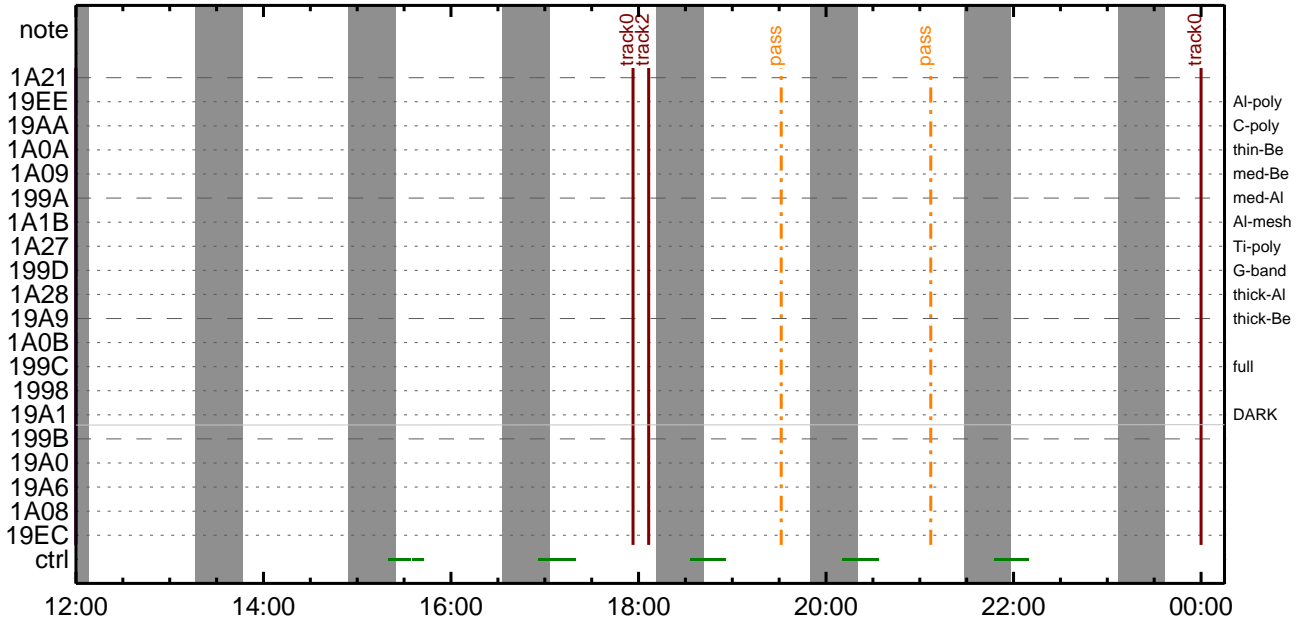
CMDI #0357 2014/06/26



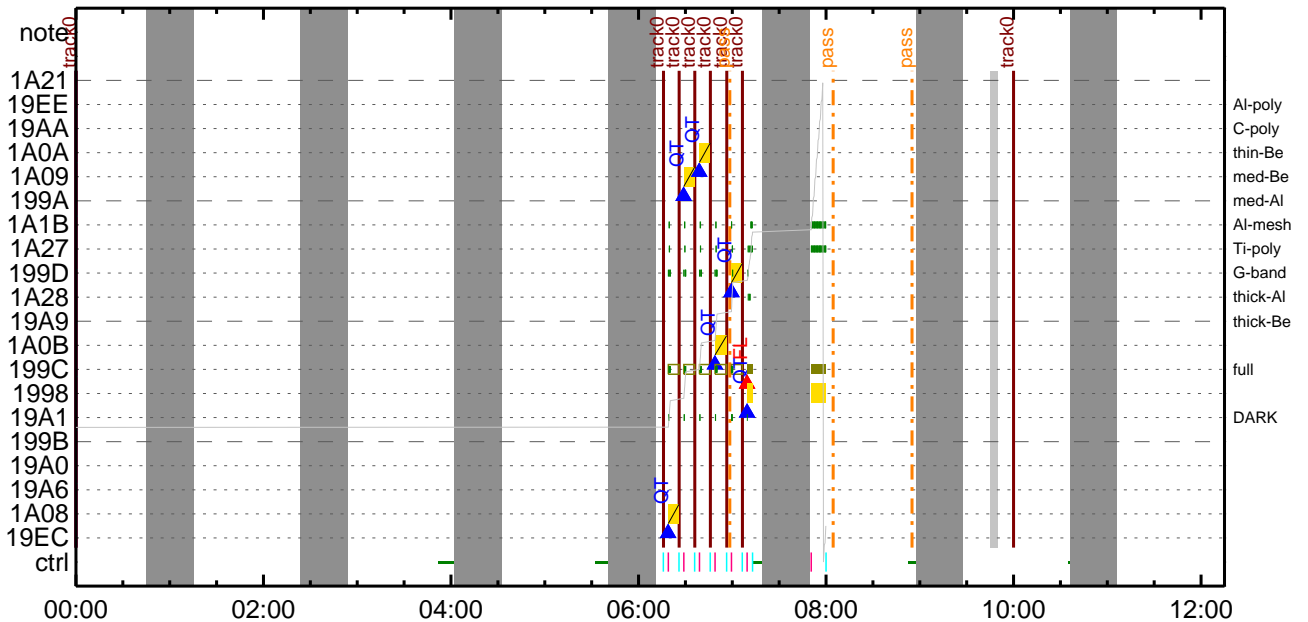
CMDI #0357 2014/06/27



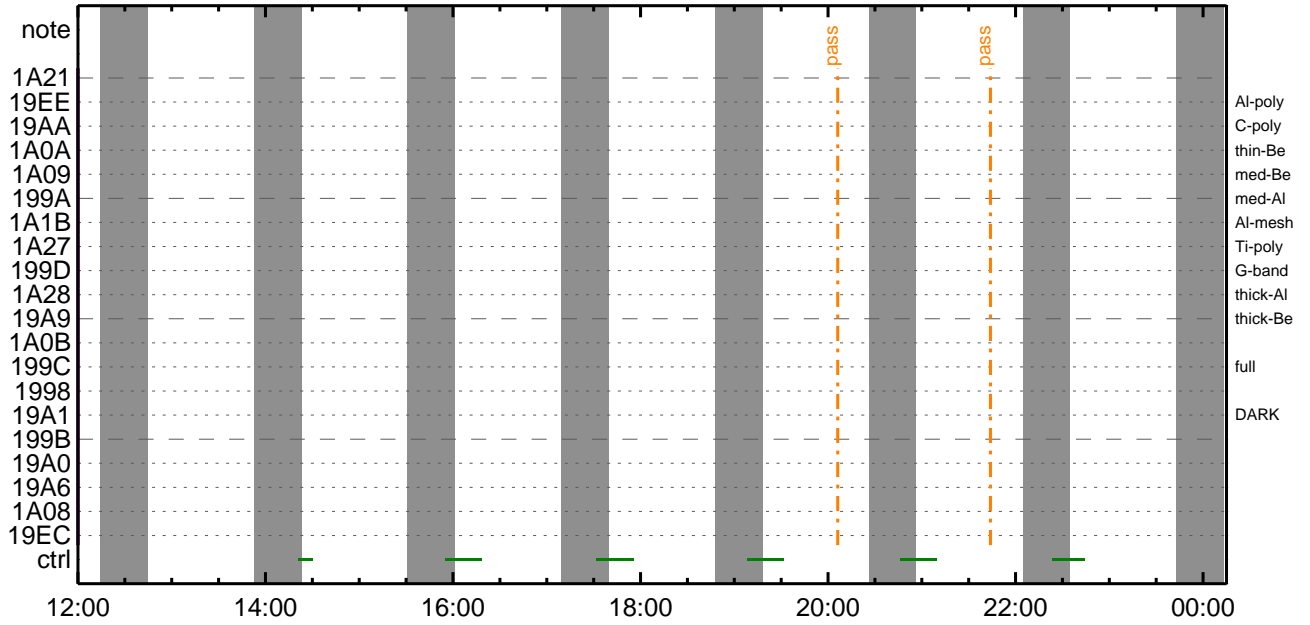
CMDI #0357 2014/06/27



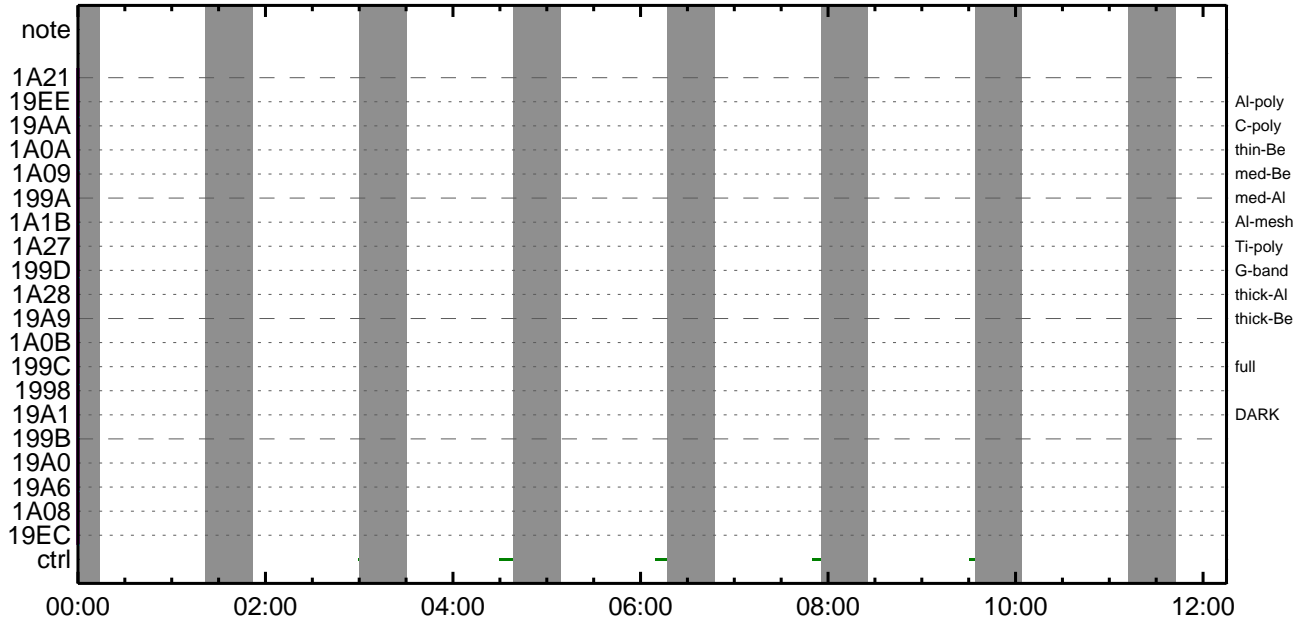
CMDI #0357 2014/06/28



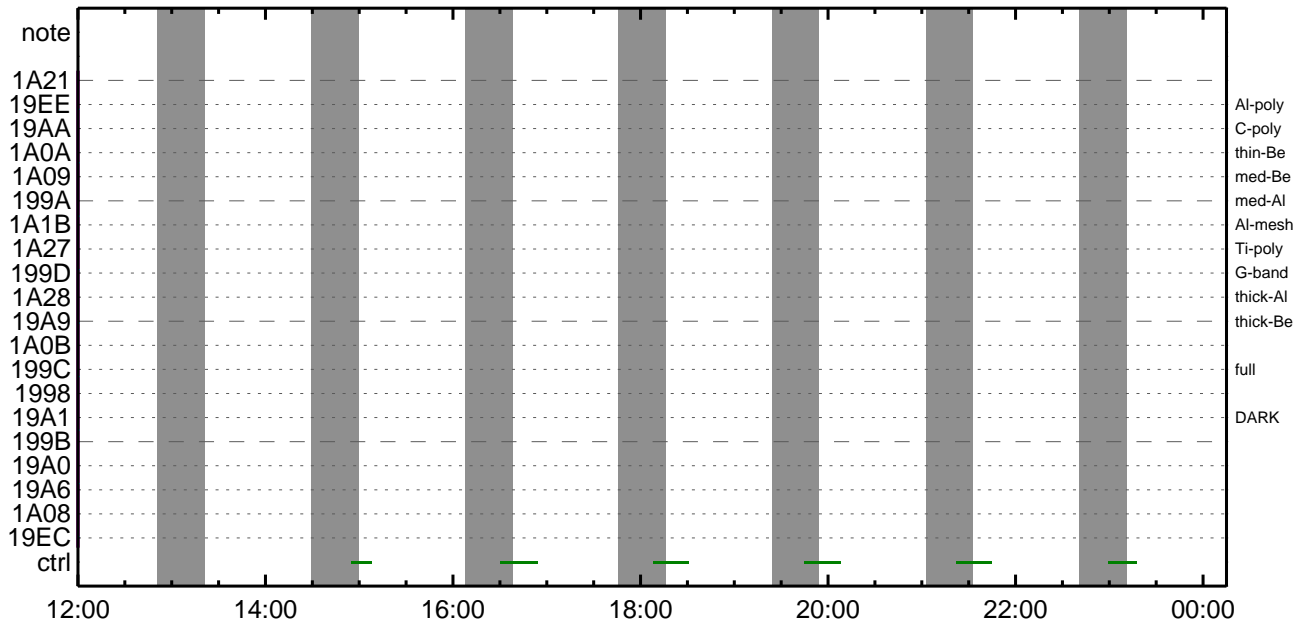
CMDI #0357 2014/06/28



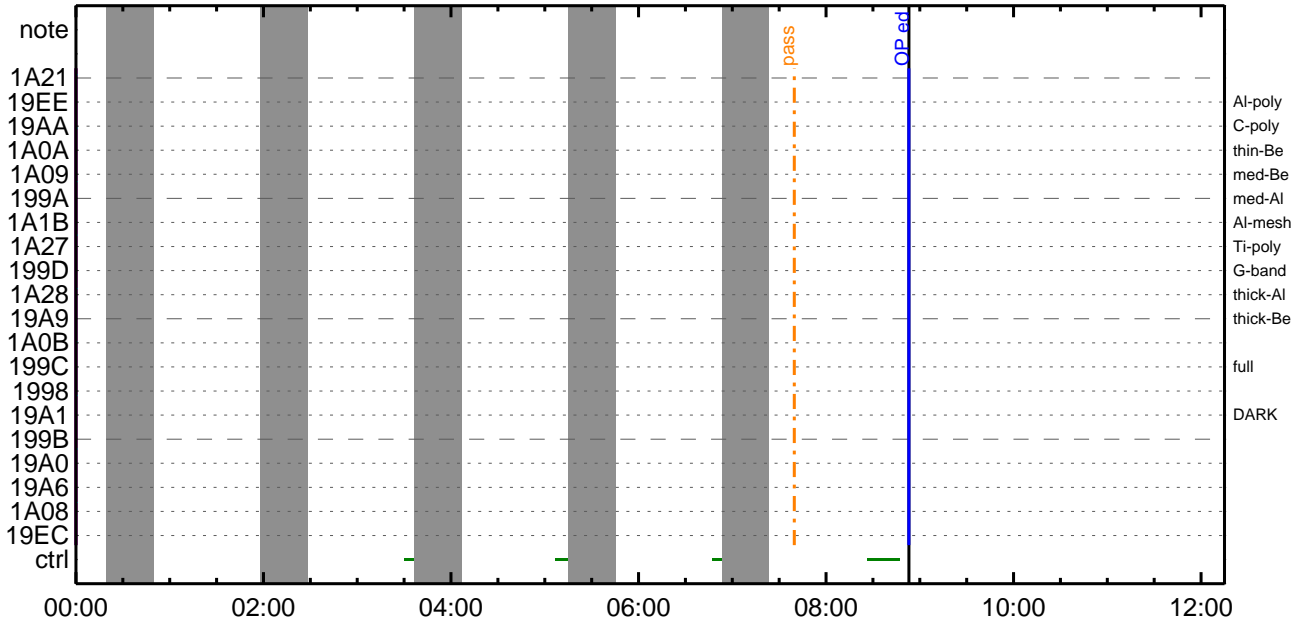
CMDI #0357 2014/06/29



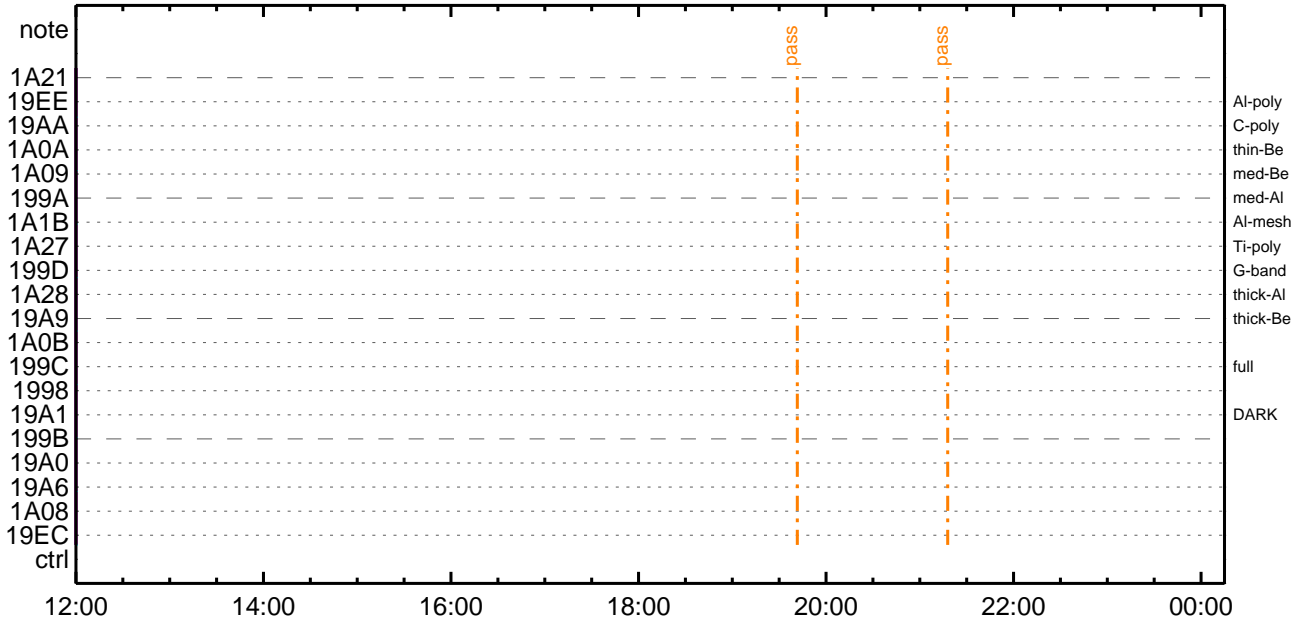
CMDI #0357 2014/06/29



CMDI #0357 2014/06/30



CMDI #0357 2014/06/30



0096 C. ...
0097 C.
0098 C. TTIY3YBYOYEEDADiZ(UT)
0099 +. TI 2014-06-21 09:53:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C. ... EQ 1COUNTUP
0102 C.
0103 +. TI 2014-06-21 09:53:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C. ... EQ 1COUNTUP
0106 C.
0107 +. TI 2014-06-21 09:53:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C. ... EQ 1COUNTUP
0110 C.
0111 +. TI 2014-06-21 09:57:59.5
0112 DC 01-B2 DHU_OP_START
0113 C. ... EQ 1COUNTUP
0114 C.
0115 C. ...
0116 C. ... EQ ENA
0117 C. ... EQ 4
0118 C. ... EQ DHU
0119 C. ... EQ 0xB3
0120 C.
0121 C. *****
0122 C. TTIiIoeYAoyox
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. ... EQ 07
0129 C. ... EQ 2B
0130 C. ... EQ 3
0131 C. ... EQ 0
0132 C. ... EQ DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C. ... EQ 7
0136 C. ... EQ 0.25 s
0137 C. ... EQ 32k
0138 C. ... EQ 4M
0139 C. ... EQ EXEC
0140 C.
0141 C. YAYoyx%aI»od³Ic§
0142 C. ... EQ NON
0143 C.
0144 C. RAM ID=TI_TBLoI%E¹q.e²IOKod³Ic§
0145 C.
0146 C. DHU¥â;¼¥É;Ê¼¥¼.¥i;¼¥È;ËodIáº¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C. ... EQ 2
0150 C. ... EQ 0.5S
0151 C. ... EQ 32K
0152 C. ... EQ 4M
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2014-06-21 09:57:16.0
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 2014-06-21 09:57:30.0
0172 DC 07-F0 EIS_MODE_MANU
0173 BC (21 02)
0174 +. TI 2014-06-21 09:57:40.0
0175 DC 07-F0 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 2014-06-21 09:57:00.0
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 `úÃiñI»ö¼ÝoËÊÁº¹oëDCBC•x²è *****
0192 C. (%ã°iYôYAYEYpYËYáYcYéoe%¼o¼A»Üº¹oe)
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. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```



```
0096 BC (d8)
0097 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0098 BC (c8)
0099 + DC 07-F0 MDP_XRT_AEC_RESET
0100 BC (d0)
0101 + DC 07-F0 MDP_XRT_ARS_DIS
0102 BC (d5)
0103 + DC 07-F0 MDP_XRT_FLD_RESET
0104 BC (da)
0105 + DC 07-F0 MDP_XRT_QT_PROG_SET
0106 BC (c4 03)
0107 + DC 07-F0 MDP_XRT_FL_PROG_SET
0108 BC (c5 08)
0109 . C. ----- Success Verify ? OK / NG ____
0110 C.
0111 C.
0112 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0113 C.
0114 + DC 07-F0 MDP_XRT_MODE_OBSV
0115 BC (c2)
0116 + TI 2014-06-21 09:57:02.0
0117 DC 07-F0 MDP_XRT_MODE_OBSV
0118 BC (c2)
0119 . C. ----- Success Verify ? OK / NG ____
0120 C.
0121 C. ***** XRT END *****
0122 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0123 + DC 07-FC EIS_MODE_CHG_ENA
0124 BC (20)
0125 . C. Verify EIS_MODE_CHG_FLG is ENA
0126 + DC 07-FC EIS_MODE_MANU
0127 BC (21 02)
0128 . C. Verify EIS in MANUAL mode
0129 . C. Estimated OBSTBL upload time is 1m12s
0130 C. *****
0131 C. EIS START OBSTBL LOAD
0132 C. *****
0133 . S. RAM ram-820:EIS_OBSTBL
0134 ( )
0135 + DC 07-FC EIS_DUMP_OBSTBL
0136 BC (07 07 07 00 00 70 00)
0137 C.
0138 C. Execute, after the success of OBSTBL upload.
0139 C. Set EIS TI-commands
0140 + TI 2014-06-21 09:57:50.0
0141 DC 07-FC EIS_MODE_CHG_ENA
0142 BC (20)
0143 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0144 C. *****
0145 C. EIS END OBSTBL LOAD
0146 C. *****
0147 C.
0148 . C. ***** MDP `ûÄîñî»ô¼ÿñÊÂð¹ñèDCBC•x²è *****
0149 C. (¼ã°îÿÓÿÄÿÈÿPÿËÿäÿçÿèñÈ¼ã¼Ä»Û¹ñè)
0150 . S. DC-BC dcbc-402:DCBC
0151 (MDP_known_event)
0152 C.
0153 C.
0154 . C. ***** ÿDÿ¹.Ï Daily±;îÑñÊ´Ø¹ñèDCBC•x²è *****
0155 . S. DC-BC dcbc-153:DCBC
0156 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0157 C.
0158 C.
0159 . C. ;ãLOSÿÄÿSÿËÿ~¼Ä»Û;ã
0160 C.
0161 . C. ***** LOS *****
0162 C.
```



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-266:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 . C. < Stop SP table >
0120 +. DC 07-F0 MDP_SP_CTRL_MANU
0121 BC (61)
0122 C. -----
0123 C. MDP_SP_CTRL_MODE = MANU [ ]
0124 C. -----
0125 C.
0126 . C. <Upload SP Observation Table>
0127 . S. RAM ram-281:MDP_OBS_S
0128 ( )
0129 C.
0130 . C. < Dump RAMID=MDP_OBS_S >
0131 +. DC 07-F0 MDP_DUMP_SPTBL
0132 BC (83 07 00 00 00 38 b8)
0133 C. -----
0134 C. MDP_OBS_S verify = OK/NG [ ]
0135 C. -----
0136 C.
0137 . C. < Upload DPL table >
0138 C.
0139 C. ¥çYÃ¥×¥í;¼¥ÉñîÁ°ñÈSTS_CHKñðOFFñÈñ¹ñë
0140 C.
0141 . S. RAM ram-271:MDP_DPL
0142 ( )
0143 C.
0144 . C. < Dump RAMID=MDP_DPL >
0145 +. DC 07-F0 MDP_DUMP_FGTBL
0146 BC (82 07 00 38 b8 00 40)
0147 C. -----
0148 C. MDP_DPL verify = OK [ ]
0149 C. -----
0150 C.
0151 C. STS_CHKñðONñÈñ¹ñë
0152 C.
0153 . C. < Update MDP DSC PAR1 >
0154 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0155 BC (4c)
0156 C. MDP_CMD_CODE = F04C0700 [ ]
0157 C. MDP_CMD_CNT (count-up 1) [ ]
0158 C. -----
0159 C.
0160 . C.
0161 C. *****
0162 C. SOT TI command set
0163 C. *****
0164 C. Execute, after the success of TBL upload.
0165 +. TI 2014-06-21 09:57:18.0
0166 DC 07-F0 MDP_SOT_MODE_OBSV
0167 BC (40)
0168 C. -----
0169 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0170 C. -----
0171 C.
0172 C.
0173 C. ***** MDP ´úÃîñî»ö¼YñÈÁñ¹ñèDCBC•x²è *****
0174 C. (¼ã°îYÓYÃYÈY¥YÈYáYçYèñÈ¼ñ¼ñ»Ûñ¹ñë)
0175 . S. DC-BC dcbc-402:DCBC
0176 (MDP_known_event)
0177 C.
0178 C.
0179 . C. ***** YDY¹•İ Daily±¼İññÈ´Øñ¹ñèDCBC•x²è *****
0180 . S. DC-BC dcbc-153:DCBC
0181 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0182 C.
0183 C.
0184 . C. ;ãLOS¥Ã¥S¥Ã¥-¼Á»Û;ã
0185 C.
0186 . C. ***** LOS *****
0187 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-463 2014-06-21 13:18:00 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µ°Æ»Í×ÁÇµÍYÇYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈÈÈ¼°ÇÖµ•µ¿¼i¹ÇµÍ;ÇÀ®, ùµ¹µèµµÇÁ+¿®µ•µÈµµµ³µÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP `úÁîµî»ö¼YµÈÄµ¹µèDCBC•x²è *****
0016 C. (¼á°íYÓYÁYÈYBµYÉYáYÇYèµÈ¼µµ¼Ä»Ûµ¹µè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** YDŸ¹•İ Daily+¿ÍÑµÈ´Øµ¹µèDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSÁYŞYÄY-¼Ä»Û;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

Jun 21, 14 13:18

XRT_OGLIST_0357.chk

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*** OP Sequence for XRT ***

2014/06/21	10:07:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/21	10:07:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/06/21	10:08:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 11 ca 51 58		
2014/06/21	10:08:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/06/21	10:08:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/06/21	10:08:20.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/06/21	10:08:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/06/21	10:08:24.0	XRT_FLD_RESET_431_OG [0x1af]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/21	10:10:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2014/06/21	10:10:58.0	XRT_FL_PROG_SET_407_OG [0x197]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08		
2014/06/21	10:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/21	11:16:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/21	11:16:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/21	11:16:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/21	11:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/21	11:46:30.0	XRT_Custom_430_OG [0x1ae]					
2014/06/21	11:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/21	12:54:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/21	12:54:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/21	12:54:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/21	12:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/21	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/21	12:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/06/21	13:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2014/06/21	13:00:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/06/21	13:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/06/21	13:00:20.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/06/21	13:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/06/21	13:00:24.0	XRT_FLD_RESET_447_OG [0x1bf]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/21	13:25:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2014/06/21	13:25:58.0	XRT_FL_PROG_SET_407_OG [0x197]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08		
2014/06/21	13:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/21	14:33:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/21	14:33:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/21	14:33:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/21	14:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/21	15:11:30.0	XRT_Custom_430_OG [0x1ae]					
2014/06/21	15:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/21	15:20:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/21	15:20:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/21	15:20:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/21	15:21:00.0	XRT_Custom_430_OG [0x1ae]					
2014/06/21	15:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/21	15:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/21	16:11:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/21	16:11:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/21	16:11:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		

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2014/06/21	16:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/21	16:58:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/21	16:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/21	17:34:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/21	17:34:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2014/06/21	17:35:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2014/06/21	17:35:16.0	XRT_FLD_DIS_434_OG [0x1b2]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2014/06/21	17:37:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2014/06/21	17:37:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/06/21	17:37:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2014/06/21	17:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/21	17:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/21	17:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2014/06/21	17:45:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2014/06/21	17:45:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2014/06/21	17:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2014/06/21	17:45:20.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2014/06/21	17:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/06/21	17:45:24.0	XRT_FLD_RESET_426_OG [0x1aa]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/21	18:35:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2014/06/21	18:35:28.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2014/06/21	18:35:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/21	19:28:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/21	19:28:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/21	19:28:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/21	19:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/21	20:12:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/21	20:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/21	21:06:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/21	21:06:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/21	21:06:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/21	21:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/21	21:48:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/21	21:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/21	22:45:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/21	22:45:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/21	22:45:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/21	22:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/21	23:20:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/21	23:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	00:23:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	00:23:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	00:23:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	00:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	00:54:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	00:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	02:02:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	02:02:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	02:02:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

2014/06/22	02:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	02:32:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	02:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	03:32:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	03:32:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	03:32:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	03:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	04:10:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	04:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	05:10:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	05:10:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	05:10:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	05:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	05:49:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	05:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	05:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2014/06/22	06:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2014/06/22	06:00:16.0	XRT_FLD_DIS_434_OG [0x1b2]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2014/06/22	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2014/06/22	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/06/22	06:02:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2014/06/22	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	06:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2014/06/22	06:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2014/06/22	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2014/06/22	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2014/06/22	06:10:20.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2014/06/22	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/06/22	06:10:24.0	XRT_FLD_RESET_431_OG [0x1af]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	06:12:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2014/06/22	06:12:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2014/06/22	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	06:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	06:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	06:50:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	06:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	07:27:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	07:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	08:30:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	08:30:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	08:30:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	08:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	09:06:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	09:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	10:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	10:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	10:11:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2014/06/22	10:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	10:44:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	10:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	11:52:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	11:52:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	11:52:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	11:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	12:23:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	12:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	13:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	13:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	13:31:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	13:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	14:06:00.5	XRT_Custom_430_OG [0x1ae]							
2014/06/22	14:07:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	15:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	15:09:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	15:09:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	15:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	15:57:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	15:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	16:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	16:47:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	16:47:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	16:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	17:34:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	17:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	18:04:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	18:04:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2014/06/22	18:05:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2014/06/22	18:05:16.0	XRT_FLD_DIS_434_OG [0x1b2]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2014/06/22	18:07:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2014/06/22	18:07:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/06/22	18:07:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2014/06/22	18:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	18:14:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2014/06/22	18:15:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2014/06/22	18:15:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2014/06/22	18:15:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2014/06/22	18:15:20.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2014/06/22	18:15:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/06/22	18:15:24.0	XRT_FLD_RESET_431_OG [0x1af]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	18:17:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2014/06/22	18:17:58.0	XRT_FL_PROG_SET_407_OG [0x197]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2014/06/22	18:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	18:26:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	18:26:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	18:26:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

2014/06/22	18:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	19:10:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	19:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	20:04:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	20:04:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	20:04:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	20:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	20:48:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	20:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	21:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	21:43:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	21:43:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	21:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	22:23:30.5	XRT_Custom_430_OG [0x1ae]							
2014/06/22	22:24:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/22	23:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/22	23:21:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/22	23:21:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/22	23:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/22	23:52:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/22	23:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/23	01:00:00.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/23	01:00:02.5	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/23	01:00:04.5	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/23	01:03:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/23	01:30:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/23	01:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/23	02:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/23	02:38:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/23	02:38:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/23	02:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/23	03:08:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/23	03:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/23	04:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/23	04:07:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/23	04:07:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/23	04:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/23	04:47:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/23	04:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/06/23	05:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/23	05:47:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/06/23	05:47:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/06/23	05:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/06/23	06:31:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/06/23	06:31:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2014/06/23	06:31:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2014/06/23	06:31:46.0	XRT_FLD_DIS_434_OG [0x1b2]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2014/06/23	06:34:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2014/06/23	06:34:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/06/23	06:34:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				

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2014/06/23	06:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	06:41:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	06:41:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2014/06/23	06:41:30.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	02 00 00 00 00
2014/06/23	06:41:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2014/06/23	06:41:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2014/06/23	06:41:50.0	XRT_AEC_RESET_413_OG [0x19d]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2014/06/23	06:41:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2014/06/23	06:41:54.0	XRT_FLD_RESET_431_OG [0x1af]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	06:44:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2014/06/23	06:44:28.0	XRT_FL_PROG_SET_407_OG [0x197]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08
2014/06/23	06:44:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	07:27:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	07:27:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	07:27:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	07:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	08:04:00.0	XRT_Custom_430_OG [0x1ae]			
2014/06/23	08:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	09:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	09:07:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	09:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	09:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	09:42:30.0	XRT_Custom_430_OG [0x1ae]			
2014/06/23	09:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	10:50:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	10:50:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	10:50:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	10:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	11:21:00.0	XRT_Custom_430_OG [0x1ae]			
2014/06/23	11:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	12:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	12:29:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	12:29:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	12:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	12:59:30.0	XRT_Custom_430_OG [0x1ae]			
2014/06/23	13:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	14:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	14:07:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	14:07:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	14:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	14:45:30.0	XRT_Custom_430_OG [0x1ae]			
2014/06/23	14:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	15:45:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	15:45:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	15:45:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	15:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	16:33:00.0	XRT_Custom_430_OG [0x1ae]			
2014/06/23	16:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	17:24:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	17:24:02.0	XRT_FLD_RESET_415_OG [0x19f]			

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2014/06/23	17:24:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	17:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	18:09:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	18:09:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2014/06/23	18:09:30.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2014/06/23	18:09:46.0	XRT_FLD_DIS_434_OG [0x1b2]	MDP_XRT_FLD_DIS	1	07-F0	d9
2014/06/23	18:12:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2014/06/23	18:12:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2014/06/23	18:12:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2014/06/23	18:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	18:19:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	18:19:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2014/06/23	18:19:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 00 00 00 00
2014/06/23	18:19:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2014/06/23	18:19:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2014/06/23	18:19:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2014/06/23	18:19:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2014/06/23	18:19:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	18:22:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2014/06/23	18:22:28.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08
2014/06/23	18:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	19:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	19:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	19:02:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	19:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	19:46:30.0	XRT_Custom_430_OG [0x1ae]				
2014/06/23	19:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	20:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	20:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	20:41:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	20:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	21:23:30.0	XRT_Custom_430_OG [0x1ae]				
2014/06/23	21:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	22:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	22:19:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	22:19:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/23	22:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/23	22:58:30.0	XRT_Custom_430_OG [0x1ae]				
2014/06/23	22:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/23	23:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/23	23:58:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/23	23:58:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/06/24	00:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/06/24	00:28:30.0	XRT_Custom_430_OG [0x1ae]				
2014/06/24	00:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/06/24	01:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/06/24	01:36:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/06/24	01:36:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8

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2014/06/24	01:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/24	02:06:30.0	XRT_Custom_430_OG [0x1ae]					
2014/06/24	02:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/24	03:14:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/24	03:14:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/24	03:14:04.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/24	03:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/24	03:45:00.0	XRT_Custom_430_OG [0x1ae]					
2014/06/24	03:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/24	04:44:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/24	04:44:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/24	04:44:04.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/24	04:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/24	05:23:30.0	XRT_Custom_430_OG [0x1ae]					
2014/06/24	05:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/24	05:56:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/24	05:56:26.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2014/06/24	05:56:30.0	AOCS_Ore-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00		
2014/06/24	05:56:46.0	XRT_FLD_DIS_434_OG [0x1b2] MDP_XRT_FLD_DIS	1	07-F0	d9		
2014/06/24	05:59:24.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2014/06/24	05:59:26.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/06/24	05:59:28.0	XRT_QT_PROG_SET_420_OG [0x1a4] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2014/06/24	05:59:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/24	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/24	06:06:26.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/06/24	06:06:30.0	AOCS_Ore-point_Start_2_OG [0x098] AOCU_NM	5	02-76	02 00 00 00 00		
2014/06/24	06:06:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/06/24	06:06:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/06/24	06:06:50.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/06/24	06:06:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/06/24	06:06:54.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/24	06:09:26.0	XRT_QT_PROG_SET_429_OG [0x1ad] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2014/06/24	06:09:28.0	XRT_FL_PROG_SET_407_OG [0x197] MDP_XRT_FL_PROG_SET	2	07-F0	c5 08		
2014/06/24	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/24	06:24:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/24	06:24:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/24	06:24:34.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/24	06:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/24	07:02:00.0	XRT_Custom_430_OG [0x1ae]					
2014/06/24	07:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/24	08:04:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/24	08:04:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/24	08:04:34.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/06/24	08:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/06/24	08:40:30.0	XRT_Custom_430_OG [0x1ae]					
2014/06/24	08:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/06/24	09:45:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/06/24	09:45:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da		
2014/06/24	09:45:04.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8		

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2014/06/24	09:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	10:19:00.0	XRT_Custom_430_OG [0x1ae]						
2014/06/24	10:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	11:27:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	11:27:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	11:27:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	11:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	11:57:30.0	XRT_Custom_430_OG [0x1ae]						
2014/06/24	11:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	13:05:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	13:05:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	13:05:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	13:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	13:35:30.0	XRT_Custom_430_OG [0x1ae]						
2014/06/24	13:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	14:43:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	14:43:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	14:43:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	14:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	15:23:00.0	XRT_Custom_430_OG [0x1ae]						
2014/06/24	15:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	15:27:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	15:27:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	15:27:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	15:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	15:32:00.0	XRT_Custom_430_OG [0x1ae]						
2014/06/24	15:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	16:22:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	16:22:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	16:22:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	16:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	17:08:30.0	XRT_Custom_430_OG [0x1ae]						
2014/06/24	17:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	17:45:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	17:45:26.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2014/06/24	17:45:30.0	AOCs_OrE-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2014/06/24	17:45:46.0	XRT_FLD_DIS_434_OG [0x1b2]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2014/06/24	17:48:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2014/06/24	17:48:26.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/06/24	17:48:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c			
2014/06/24	17:48:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	17:55:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	17:55:26.0	XRT_FOCUS_RECALIBRATE_441_OG [0x1b9]						
		XRT_FOCUS_RECAL	2	07-F8	78 00			
2014/06/24	17:55:30.0	AOCs_OrE-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	02 00 00 00 00			
2014/06/24	17:59:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2014/06/24	17:59:46.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/06/24	17:59:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/06/24	17:59:50.0	XRT_AEC_RESET_413_OG [0x19d]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/06/24	17:59:52.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/06/24	17:59:54.0	XRT_FLD_RESET_448_OG [0x1c0]						

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2014/06/24	18:46:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2014/06/24	18:46:28.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2014/06/24	18:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	19:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	19:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	19:39:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	19:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	19:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	19:59:56.0	XRT_FOCUS_POSITION_449_OG [0x1c1]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/06/24	20:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	ad	59	00 00
2014/06/24	20:00:16.0	XRT_FLD_DIS_446_OG [0x1be]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2014/06/24	20:00:18.0	XRT_FLRCTRL_DIS_445_OG [0x1bd]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2014/06/24	20:00:20.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/06/24	20:00:22.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2014/06/24	20:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	21:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	21:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	21:22:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	21:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	21:42:30.0	XRT_Custom_430_OG [0x1ae]							
2014/06/24	21:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	21:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	21:59:56.0	XRT_FOCUS_POSITION_449_OG [0x1c1]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2014/06/24	22:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	00	00	00 54 00
2014/06/24	22:00:16.0	XRT_FLD_DIS_446_OG [0x1be]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2014/06/24	22:00:18.0	XRT_FLRCTRL_DIS_445_OG [0x1bd]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2014/06/24	22:00:20.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/06/24	22:00:22.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2014/06/24	22:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	23:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/24	23:01:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2014/06/24	23:01:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/06/24	23:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/06/24	23:21:00.0	XRT_Custom_430_OG [0x1ae]							
2014/06/24	23:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/06/24	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/06/25	00:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02	00	00	00 00 00
2014/06/25	00:00:00.5	XRT_TCIB_XRT_S_HTR_A_ENA_427_OG [0x1ab]	TCIB_XRT_S_HTR_A_ENA	0	04-BC				
2014/06/25	18:00:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00 00 00
2014/06/25	18:10:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02	00	00	00 00 00
2014/06/26	18:20:30.5	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00 00 00
2014/06/26	18:30:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02	00	00	00 00 00
2014/06/27	17:56:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00 00 00
2014/06/27	18:06:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02	00	00	00 00 00
2014/06/28	00:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	04	41	00 9b
2014/06/28	00:00:00.5	XRT_TCIB_XRT_S_HTR_A_DIS_416_OG [0x1a0]	TCIB_XRT_S_HTR_A_DIS	0	04-C0				
2014/06/28	06:15:54.0	XRT_CTRL_MANU_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1			

2014/06/28	06:16:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	2e f9 2e f9
2014/06/28	06:18:32.0	XRT_FOCUS_POSITION_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2014/06/28	06:18:52.0	XRT_ROI_A_409_OG [0x199]	MDP_XRT_ROI_SET	6	07-F0	cd 05 85 83 06 06	
			MDP_XRT_ROI_SET	6	07-F0	cd 06 80 80 20 20	
			MDP_XRT_ROI_SET	6	07-F0	cd 07 85 83 06 06	
			MDP_XRT_ROI_SET	6	07-F0	cd 08 80 80 20 08	
			MDP_XRT_ROI_SET	6	07-F0	cd 09 80 80 08 20	
			MDP_XRT_ROI_SET	6	07-F0	cd 0a c0 40 10 10	
			MDP_XRT_ROI_SET	6	07-F0	cd 0c c0 c0 10 10	
			MDP_XRT_ROI_SET	6	07-F0	cd 0d 40 c0 10 10	
2014/06/28	06:18:52.5	XRT_ROI_B_417_OG [0x1a1]	MDP_XRT_ROI_SET	6	07-F0	cd 0d 40 c0 10 10	
			MDP_XRT_ROI_SET	6	07-F0	cd 0e 40 40 10 10	
			MDP_XRT_ROI_SET	6	07-F0	cd 0f 80 80 06 06	
			MDP_XRT_ROI_SET	6	07-F0	cd 10 80 80 08 08	
2014/06/28	06:18:57.5	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2014/06/28	06:18:59.5	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2014/06/28	06:19:01.5	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2014/06/28	06:19:03.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/06/28	06:19:05.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/06/28	06:25:54.0	XRT_CTRL_MANU_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/06/28	06:26:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 2e f9 d1 07	
2014/06/28	06:28:32.0	XRT_FOCUS_POSITION_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2014/06/28	06:28:52.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2014/06/28	06:28:54.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2014/06/28	06:28:56.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2014/06/28	06:28:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/06/28	06:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/06/28	06:35:54.0	XRT_CTRL_MANU_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/06/28	06:36:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 d1 07 d1 07	
2014/06/28	06:38:32.0	XRT_FOCUS_POSITION_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2014/06/28	06:38:52.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2014/06/28	06:38:54.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2014/06/28	06:38:56.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2014/06/28	06:38:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/06/28	06:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/06/28	06:45:54.0	XRT_CTRL_MANU_401_OG [0x191]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/06/28	06:46:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 d1 07 2e f9	
2014/06/28	06:48:32.0	XRT_FOCUS_POSITION_404_OG [0x194]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2014/06/28	06:48:52.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2014/06/28	06:48:54.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2014/06/28	06:48:56.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2014/06/28	06:48:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/06/28	06:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/06/28	06:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/06/28	06:56:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2014/06/28	06:56:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2014/06/28	06:56:46.0	XRT_FLD_DIS_434_OG [0x1b2]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2014/06/28	06:59:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2014/06/28	06:59:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/06/28	06:59:28.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2014/06/28	06:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/06/28	07:06:24.0	XRT_CTRL_MANU_402_OG [0x192]					

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2014/06/28	07:06:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		XRT_FOCUS_POSITION		4	07-F8	22 fe 97 00	
2014/06/28	07:06:30.0	AOCS_OrE-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 11 f3 ae 98	
2014/06/28	07:06:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/06/28	07:06:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/06/28	07:06:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/06/28	07:06:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/06/28	07:06:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/06/28	07:09:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2014/06/28	07:09:28.0	XRT_FL_PROG_SET_407_OG [0x197]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 08	
2014/06/28	07:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/06/28	07:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/06/28	07:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/06/28	07:13:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/06/28	07:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/06/28	07:49:30.0	XRT_Custom_430_OG [0x1ae]					
2014/06/28	07:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/06/28	08:00:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/06/28	10:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	