

XRT Timeline to be uploaded on 2018/01/13

Period: 2018/01/13 11:23:00 - 2018/01/23 10:44:00

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Normal mode

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XOB #1B9D: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 72s cad

Term	Pointing (x, y)	Comment
01/13 11:36:00 - 01/13 17:58:30	Track (673.7, -543.1) ^{Ⓜ 01/13 11:33:00}	# OP start + 10min AR 12694
01/13 18:35:00 - 01/13 22:50:30	Track (698.1, -546.0) ^{Ⓜ 01/13 18:32:00}	AR 12694
01/13 23:12:30 - 01/14 01:51:30	Track (-920.2, 321.2) ^{Ⓜ 01/13 23:00:00}	EIS AR temperature diagnostics
01/14 02:11:00 - 01/14 06:06:54	Track (721.0, -549.4) ^{Ⓜ 01/14 02:00:00}	AR 12694
01/14 06:20:00 - 01/14 10:59:54	Track (732.7, -551.3) ^{Ⓜ 01/14 06:17:00}	AR 12694 (HOP 341 is included at 11:45)
01/14 15:35:01 - 01/14 17:59:54	Track (-901.0, 332.6) ^{Ⓜ 01/14 15:30:00}	new AR near the east limb
01/14 18:13:00 - 01/15 06:08:54	Track (-895.8, 334.5) ^{Ⓜ 01/14 18:10:00}	new AR near the east limb
01/15 06:26:00 - 01/15 10:14:54	Track (-864.8, 342.9) ^{Ⓜ 01/15 06:19:00}	new AR near the east limb
01/15 16:33:00 - 01/15 17:56:24	Track (-829.8, 349.9) ^{Ⓜ 01/15 16:30:00}	new AR near the east limb
01/15 18:09:30 - 01/15 23:14:54	Track (-823.5, 351.0) ^{Ⓜ 01/15 18:06:30}	new AR near the east limb
01/16 05:54:00 - 01/16 09:28:00	Track (-772.1, 358.7) ^{Ⓜ 01/16 05:51:00}	new AR near the east limb

PROG= 07 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec													
Seqn= 92 1-time(s) 2.0sec			Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band			Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/Ti-poly			Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	
Seqn= 71 3-time(s) 2.0sec			Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec
Subr= 2 100-time(s) 72.0sec															
Seqn= 89 1-time(s) 24.0sec			thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open			thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	14.0sec	
Seqn= 58 1-time(s) 24.0sec			Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open			med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec	
Seqn= 48 1-time(s) 2.0sec			Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
thin-Be/Open			med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval			

XOB #1BD9: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment
01/13 18:25:00 - 01/13 18:31:54	Fixed (0.0, 0.0)	synoptic, shifted 22.0 min
01/14 06:10:00 - 01/14 06:16:54	Fixed (0.0, 0.0)	synoptic, shifted 7.0 min
01/15 06:12:00 - 01/15 06:18:54	Fixed (0.0, 0.0)	synoptic, shifted 9.0 min
01/15 17:59:30 - 01/15 18:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min
01/16 05:44:00 - 01/16 05:50:54	Fixed (0.0, 0.0)	synoptic, shifted -19.0 min

PROG= 17 1-time(s)

Subr= 1	1-time(s)	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= 36 1-time(s) 2.0sec			Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	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	
Open/Al-mesh			Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 99 1-time(s) 2.0sec			Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open			Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open			Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 33 1-time(s) 2.0sec			thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open			thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open			thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 23 1-time(s) 2.0sec			Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band			Open/G-band	close	Safe	Norm	1ms	Obs	1x1	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 #1BDC: HOP341 - High cadence (10s Al/poly only) 384x384 at 1064 1048

Term	Pointing (x, y)	Comment
01/14 11:00:30 - 01/14 12:59:54	Track (732.7, -551.3) ^{Ⓜ 01/14 06:17:00}	AR 12694 (HOP 341 is included at 11:45)

PROG= 20 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec													
Seqn= 92 1-time(s) 2.0sec			Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec

	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
	Subr= 2		20-time(s)	2.0sec									
	Seqn= 74		60-time(s)	10.0sec									
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BD6: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak first)

Term	Pointing (x, y)		Comment										
01/14 13:03:00 - 01/14 15:21:30	Fixed (-96.5, -59.0)		EIS spectral atlas quiet sun										
PROG= 03 Inf.-time(s)													
	Subr= 1		1-time(s)	2.0sec									
	Seqn= 30		1-time(s)	2.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
	Subr= 2		8-time(s)	900.0sec									
	Seqn= 8		1-time(s)	2.0sec									
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
	Seqn= 6		1-time(s)	2.0sec									
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BD8: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(45/512/4096), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192), Med

Term	Pointing (x, y)		Comment										
01/14 18:03:00 - 01/14 18:09:54	Fixed (0.0, 0.0)		synoptic										
PROG= 18 1-time(s)													
	Subr= 1		1-time(s)	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= 36		1-time(s)	2.0sec									
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	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
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Seqn= 99		1-time(s)	2.0sec									
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Seqn= 33		1-time(s)	2.0sec									
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Seqn= 23		1-time(s)	4.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Subr= 2		1-time(s)	2.0sec									
	Seqn= 46		1-time(s)	2.0sec									
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Seqn= 17		1-time(s)	2.0sec									
	med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Seqn= 25		1-time(s)	2.0sec									
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	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 #1BA1: HOP336 1-filter - Al/poly -384x384, 512ms and 4s, 60s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)		Comment										
01/15 10:18:00 - 01/15 16:29:54	Track (-38.5, 740.8) @ 01/15 10:15:00		HOP 336 (north)										
01/15 23:18:00 - 01/16 05:40:54	Track (-36.1, -698.2) @ 01/15 23:15:00		HOP 336 (south)										
PROG= 10 Inf.-time(s)													
	Subr= 1		1-time(s)	2.0sec									
	Seqn= 16		2-time(s)	2.0sec									
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Subr= 2		1-time(s)	2.0sec									
	Seqn= 90		1-time(s)	30.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Subr= 3		15-time(s)	2.0sec									
	Seqn= 68		1-time(s)	60.0sec									
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=90	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 #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

Term	Pointing (x, y)	Comment
01/13 11:36:00 - 01/13 17:58:30	Track (673.7, -543.1) ^{Ⓜ 01/13 11:33:00}	# OP start + 10min AR 12694
01/13 18:35:00 - 01/13 22:50:30	Track (698.1, -546.0) ^{Ⓜ 01/13 18:32:00}	AR 12694
01/13 23:12:30 - 01/14 01:51:30	Track (-920.2, 321.2) ^{Ⓜ 01/13 23:00:00}	EIS AR temperature diagnostics
01/14 02:11:00 - 01/14 06:06:54	Track (721.0, -549.4) ^{Ⓜ 01/14 02:00:00}	AR 12694
01/14 06:20:00 - 01/14 10:59:54	Track (732.7, -551.3) ^{Ⓜ 01/14 06:17:00}	AR 12694 (HOP 341 is included at 11:45)
01/14 13:03:00 - 01/14 15:21:30	Fixed (-96.5, -59.0)	EIS spectral atlas quiet sun
01/14 15:35:01 - 01/14 17:59:54	Track (-901.0, 332.6) ^{Ⓜ 01/14 15:30:00}	new AR near the east limb
01/14 18:13:00 - 01/15 06:08:54	Track (-895.8, 334.5) ^{Ⓜ 01/14 18:10:00}	new AR near the east limb
01/15 06:26:00 - 01/15 10:14:54	Track (-864.8, 342.9) ^{Ⓜ 01/15 06:19:00}	new AR near the east limb
01/15 10:18:00 - 01/15 16:29:54	Track (-38.5, 740.8) ^{Ⓜ 01/15 10:15:00}	HOP 336 (north)
01/15 16:33:00 - 01/15 17:56:24	Track (-829.8, 349.9) ^{Ⓜ 01/15 16:30:00}	new AR near the east limb
01/15 18:09:30 - 01/15 23:14:54	Track (-823.5, 351.0) ^{Ⓜ 01/15 18:06:30}	new AR near the east limb
01/15 23:18:00 - 01/16 05:40:54	Track (-36.1, -698.2) ^{Ⓜ 01/15 23:15:00}	HOP 336 (south)
01/16 05:54:00 - 01/16 09:28:00	Track (-772.1, 358.7) ^{Ⓜ 01/16 05:51:00}	new AR near the east limb

PROG= 13 30-time(s)

Subr=	1-time(s)	2.0sec										
Subr= 1	20-time(s)	2.0sec										
Seqn= 11	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=100	1-time(s)	10.0sec										
thin-Be/Open	med-Be/Open close	Safe Norm 125ms	Obs 1x1	384x384 (1024, 1024)	Q=95	2	0	2.0sec				
med-Be/Open	Open/thick-Al close	Safe Norm 250ms	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec				
Open/thick-Al	Open/thick-Be close	Safe Norm 1.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec				
Subr= 2	1-time(s)	2.0sec										
Seqn= 10	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= 11	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= 87	1-time(s)	2.0sec										
Open/G-band	Open/G-band open	Safe Norm 1ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec				
Open/G-band	Open/G-band close	Safe Norm 1ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec				
Open/thick-Al	Open/thick-Al close	Safe Dark 1.00s	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec				
Open/thick-Al	Open/thick-Al close	Safe Dark 1.00s	Obs 2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec				
Default Filter	Thicker Filter	VLS mode image	Exp.	CCD Bin	ROI: size (center)	Comp.	AEC Buffer	Interval				

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Active Region Search

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NOT USED

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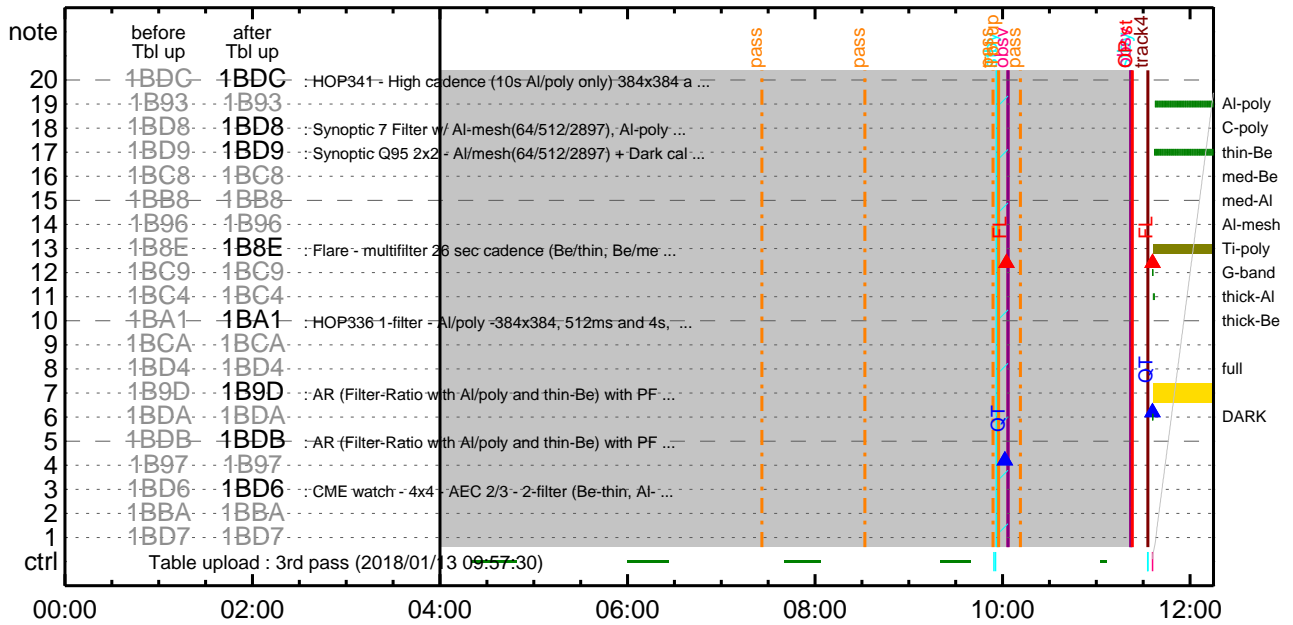
Flare Detection

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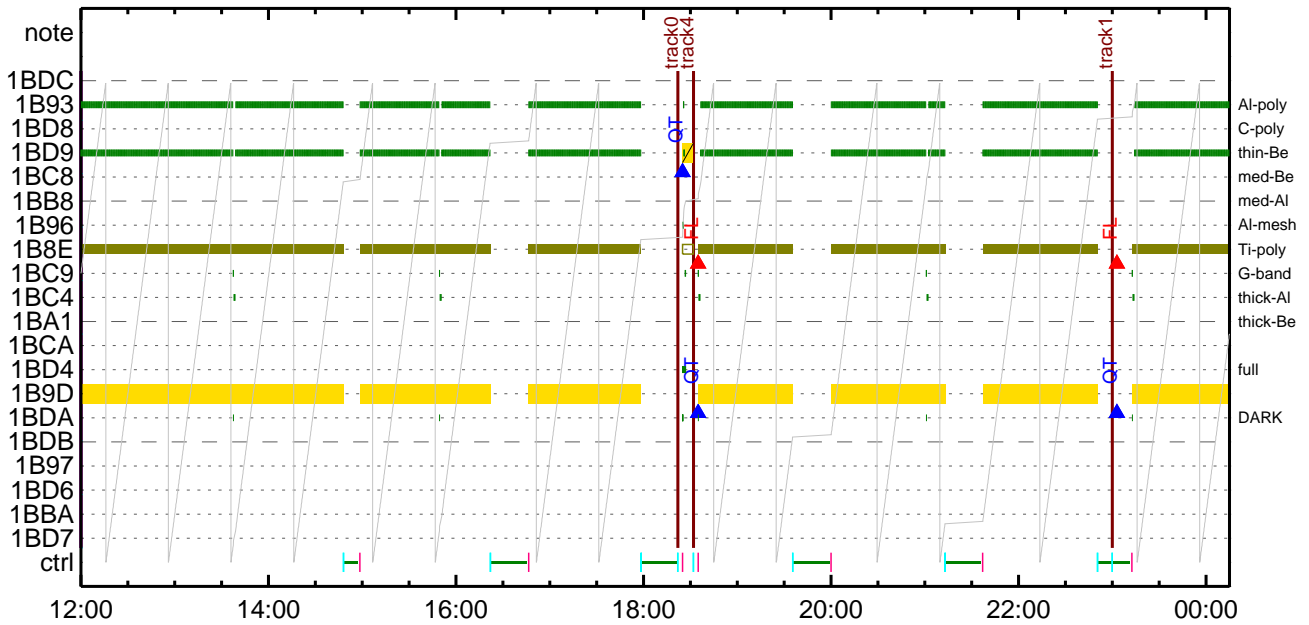
FLD Patrol

Term	Pointing (x, y)	Comment
01/13 18:32:18 - 01/14 06:07:18	Track (698.1, -546.0) ^{Ⓜ 01/13 18:32:00}	AR 12694
01/14 06:17:18 - 01/14 11:00:18	Track (732.7, -551.3) ^{Ⓜ 01/14 06:17:00}	AR 12694 (HOP 341 is included at 11:45)
01/14 13:00:18 - 01/14 18:00:18	Fixed (-96.5, -59.0)	EIS spectral atlas quiet sun
01/14 18:10:18 - 01/15 06:09:18	Track (-895.8, 334.5) ^{Ⓜ 01/14 18:10:00}	new AR near the east limb
01/15 06:23:18 - 01/15 17:56:48	Track (-864.8, 342.9) ^{Ⓜ 01/15 06:19:00}	new AR near the east limb
01/15 18:06:48 - 01/16 05:41:18	Track (-823.5, 351.0) ^{Ⓜ 01/15 18:06:30}	new AR near the east limb
01/16 05:51:18 - 01/16 10:44:00	Track (-772.1, 358.7) ^{Ⓜ 01/16 05:51:00}	new AR near the east limb
Al-poly/Open	Al-poly/Open 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

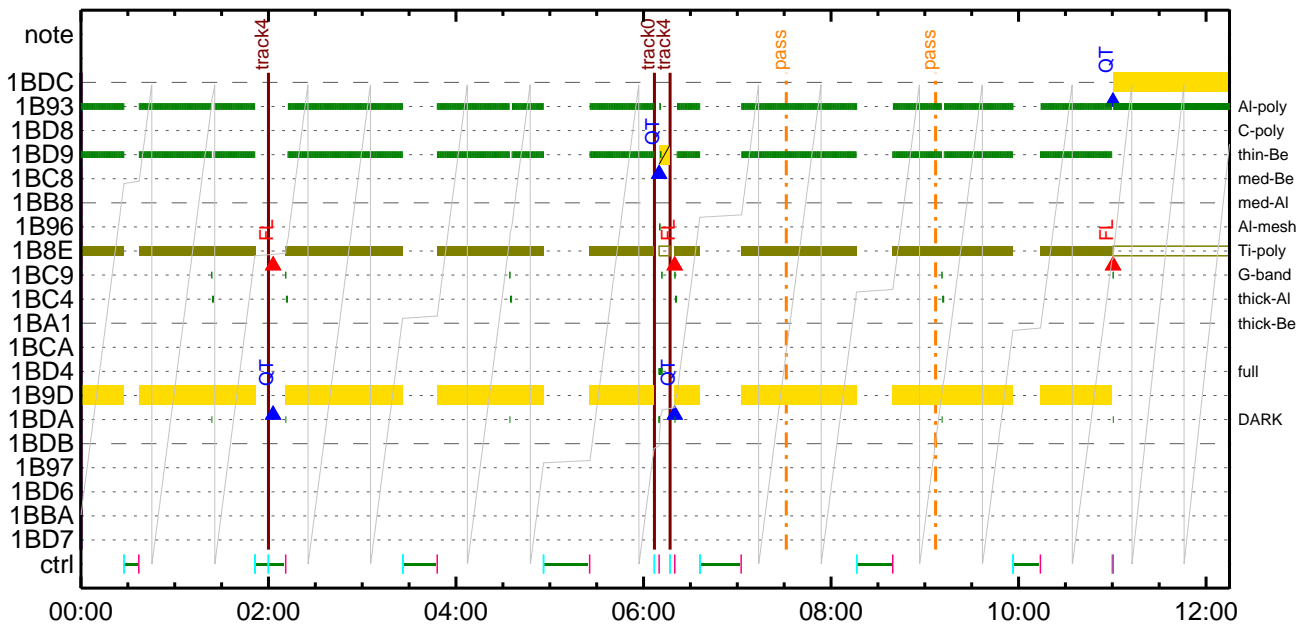
CMDI #0249 2018/01/13



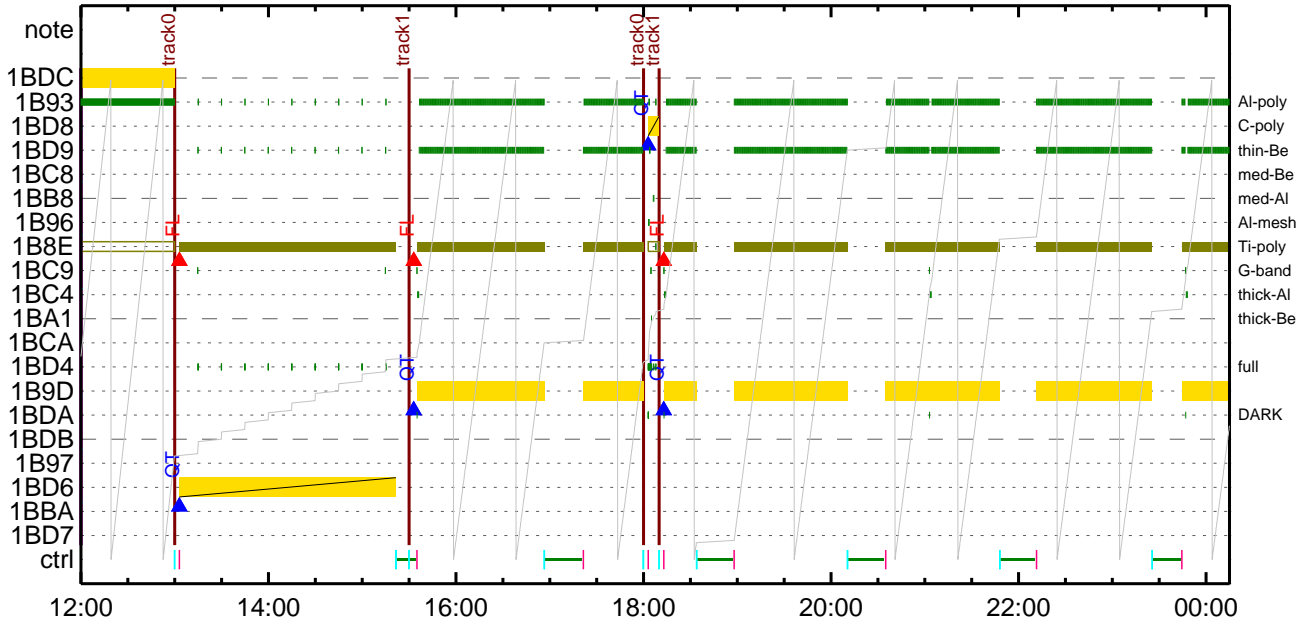
CMDI #0249 2018/01/13



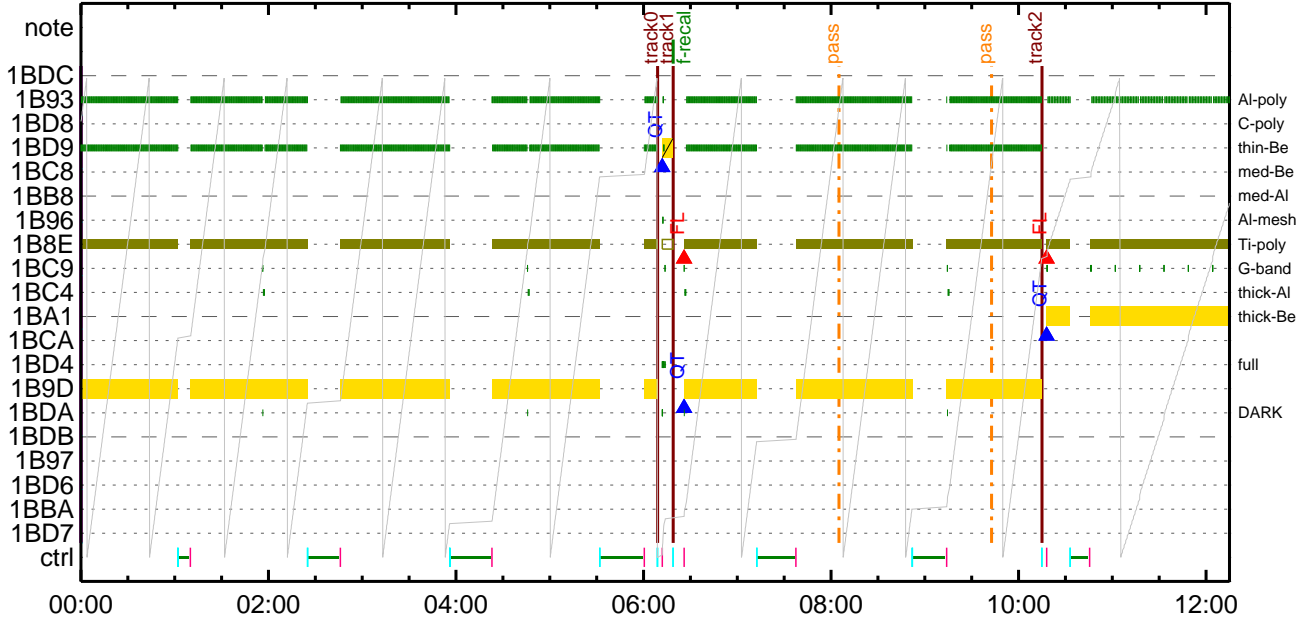
CMDI #0249 2018/01/14



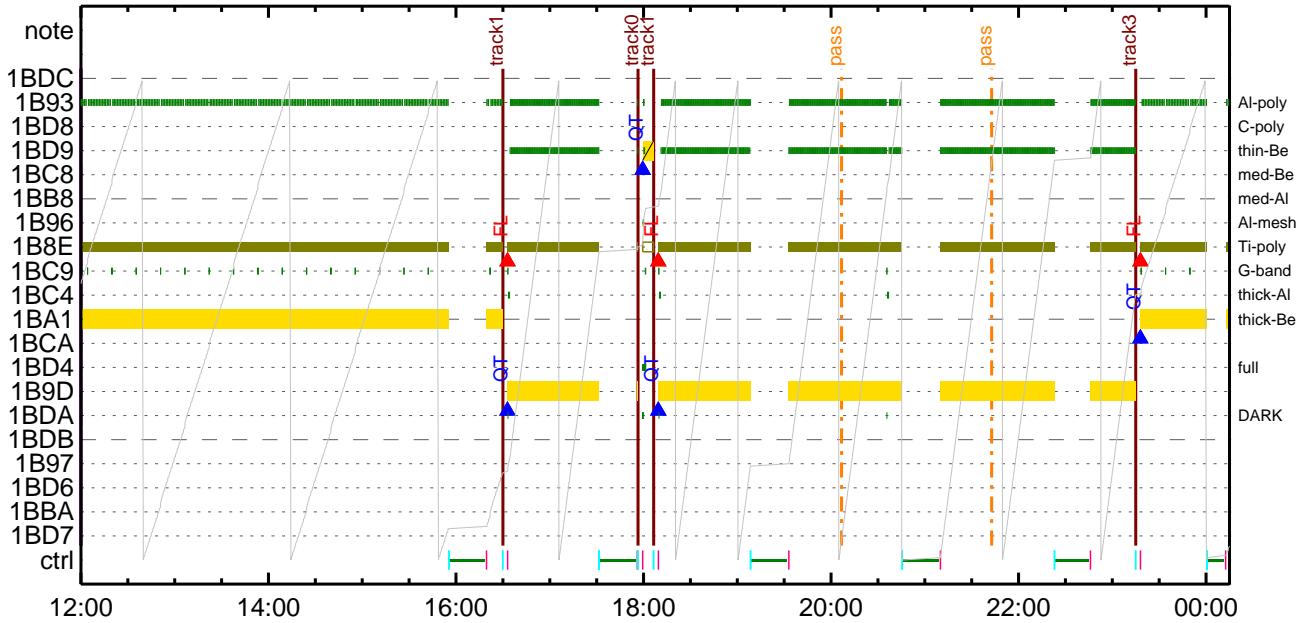
CMDI #0249 2018/01/14



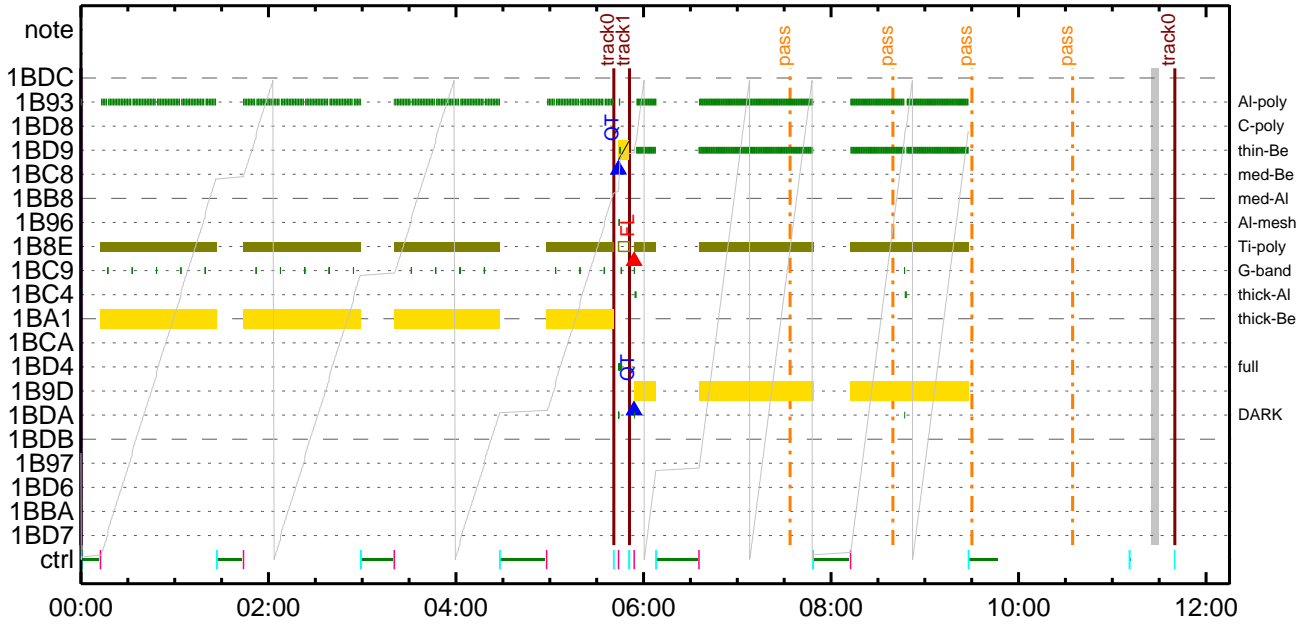
CMDI #0249 2018/01/15



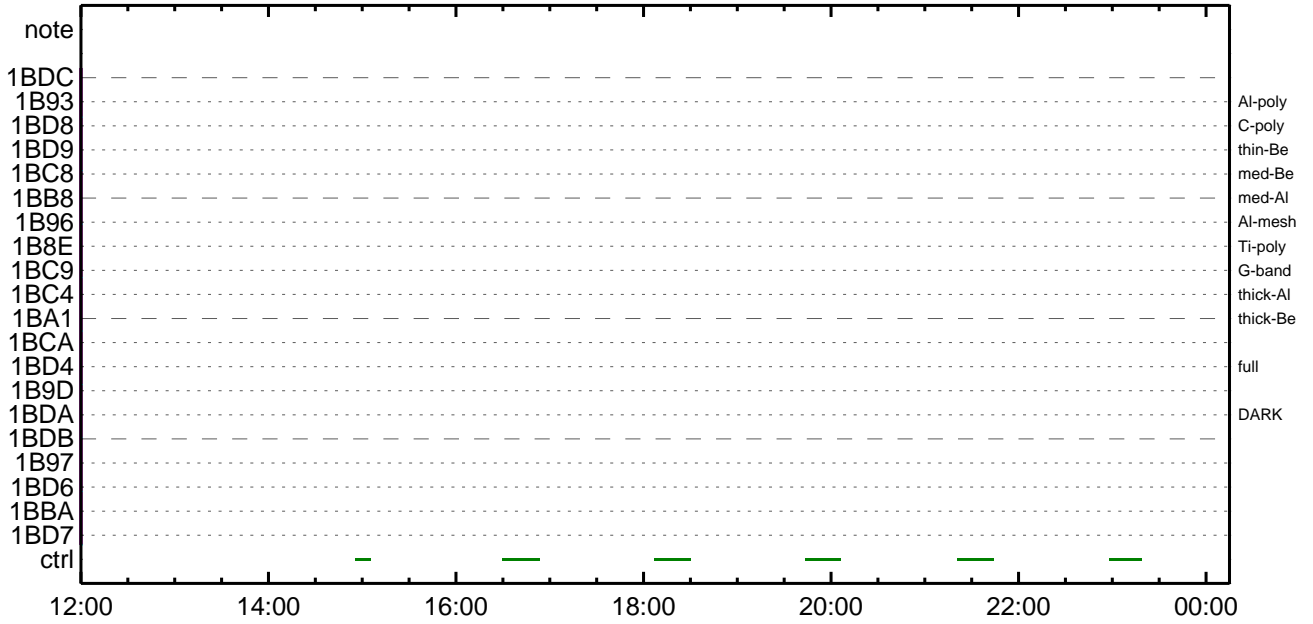
CMDI #0249 2018/01/15



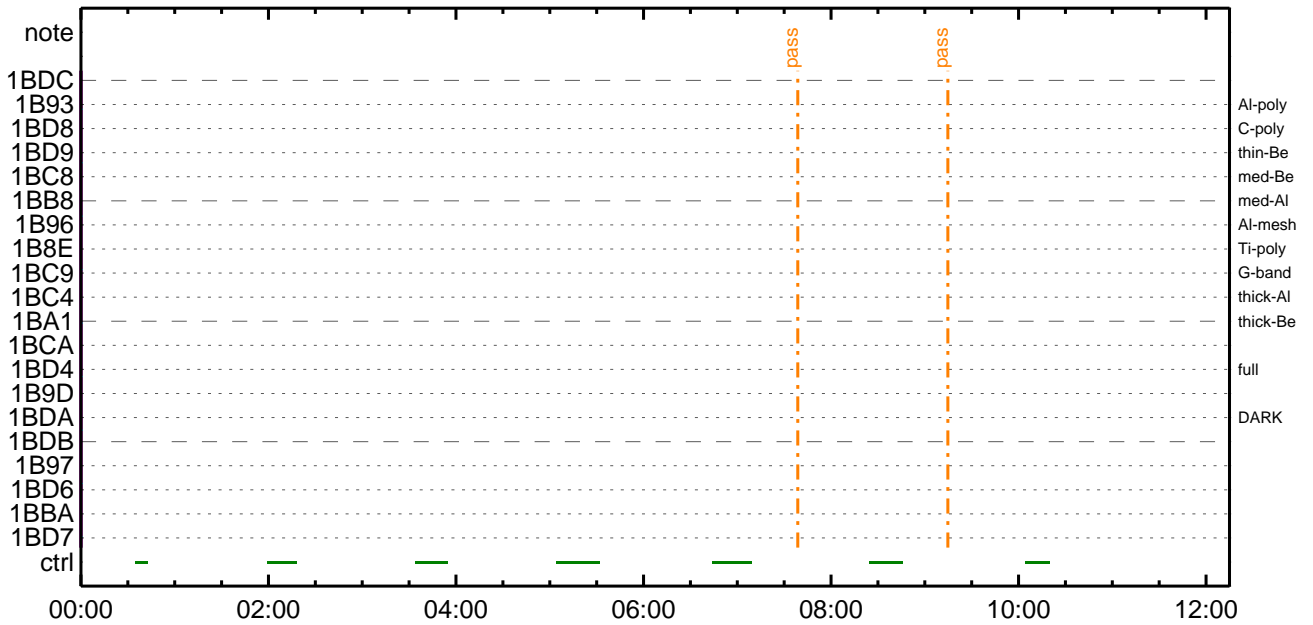
CMDI #0249 2018/01/16



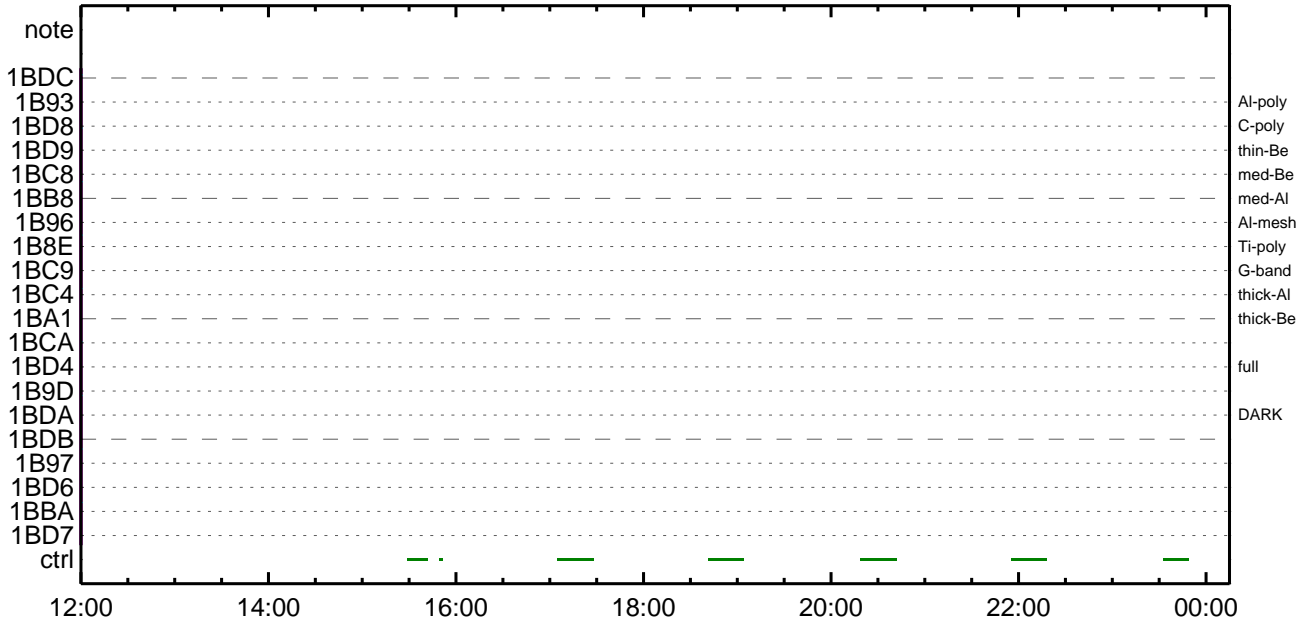
CMDI #0249 2018/01/16



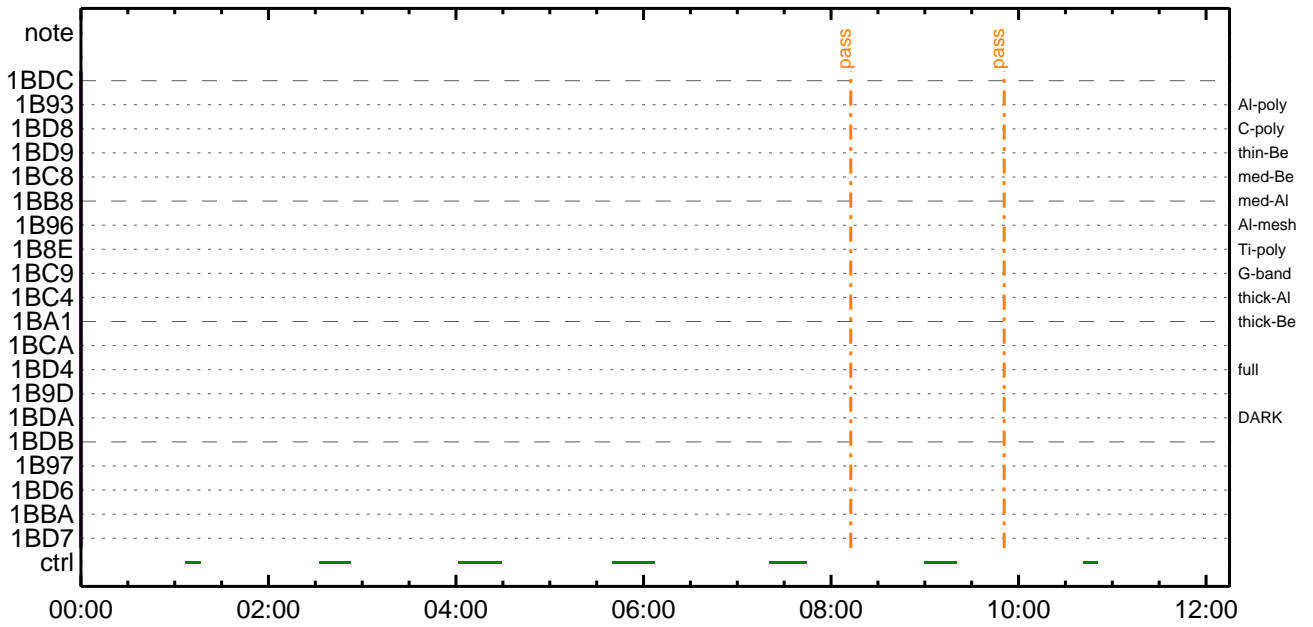
CMDI #0249 2018/01/17



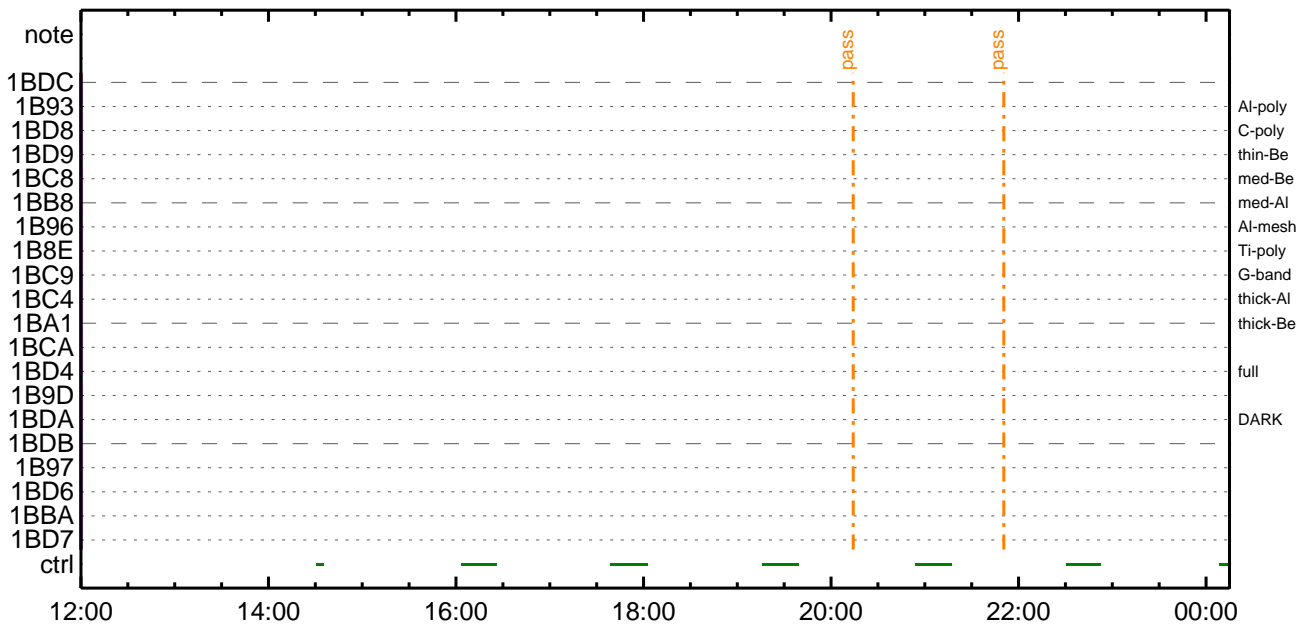
CMDI #0249 2018/01/17



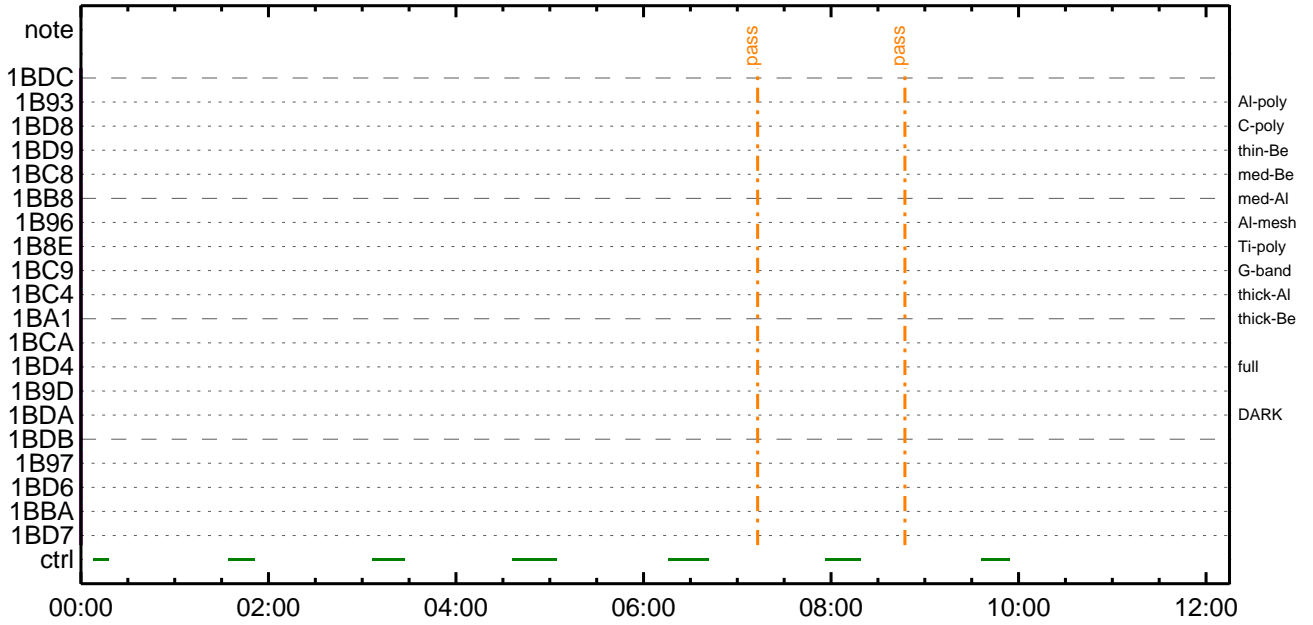
CMDI #0249 2018/01/18



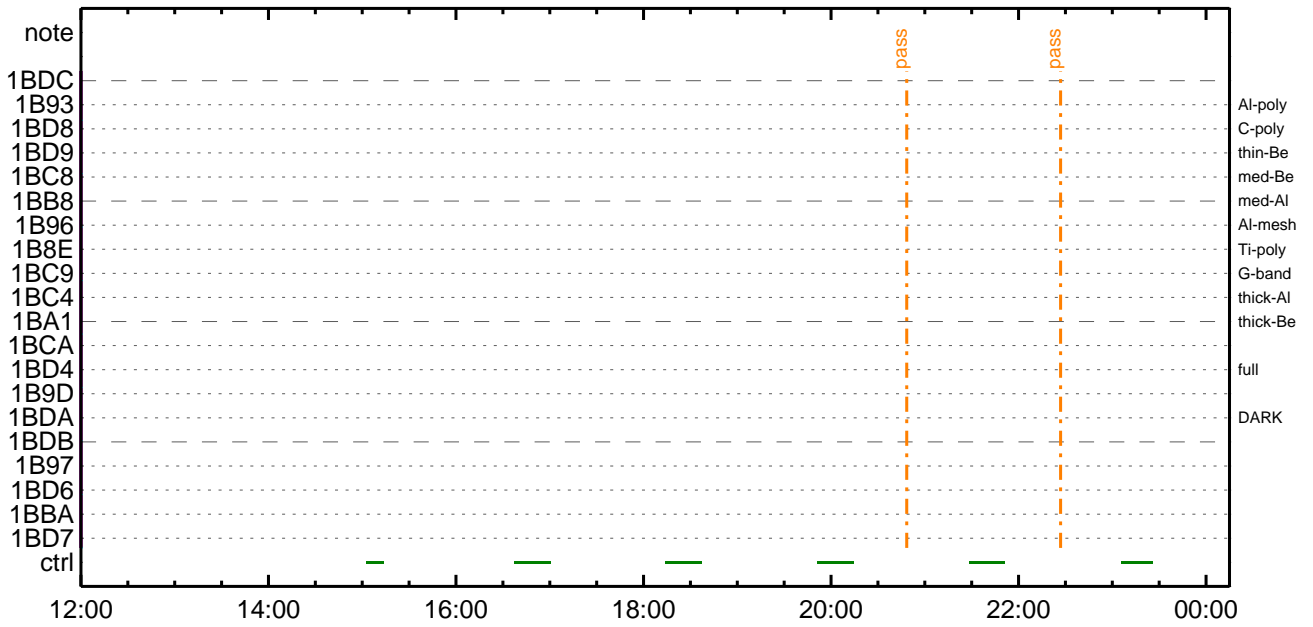
CMDI #0249 2018/01/18



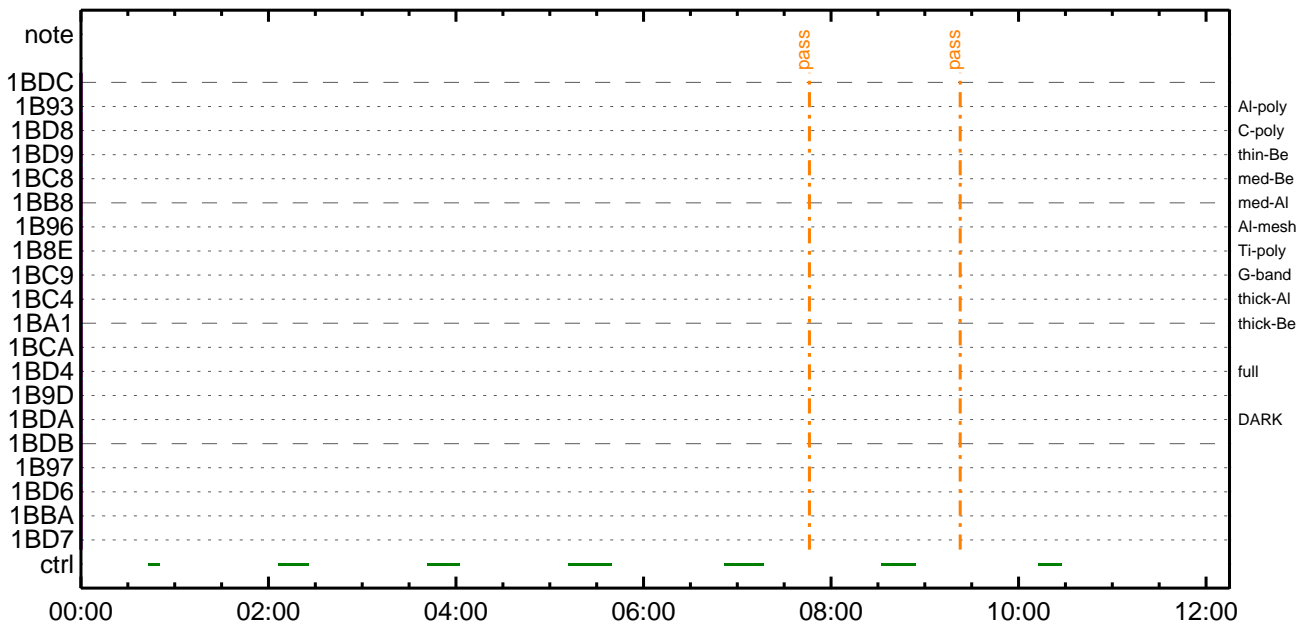
CMDI #0249 2018/01/19



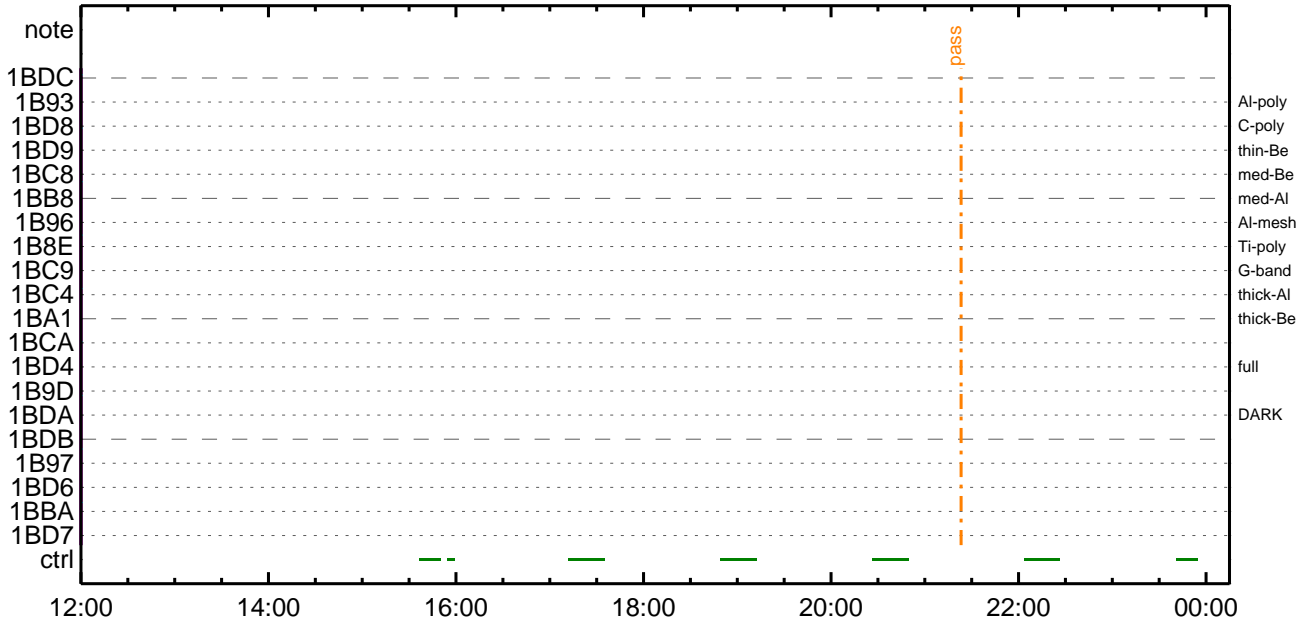
CMDI #0249 2018/01/19



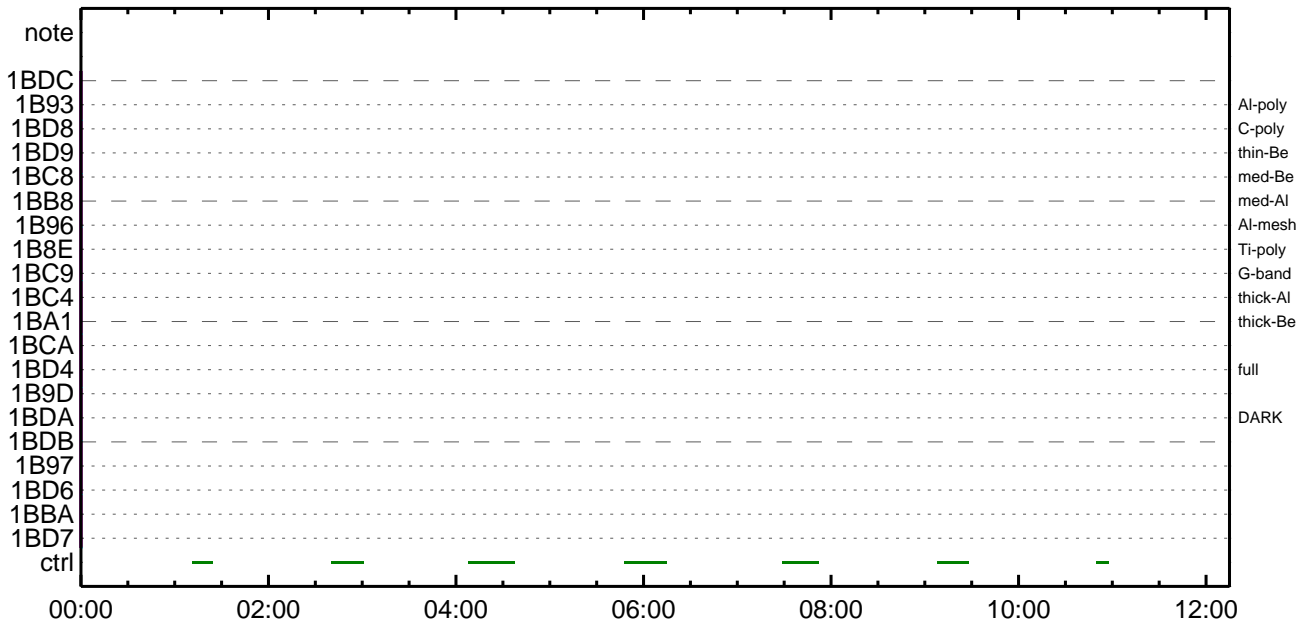
CMDI #0249 2018/01/20



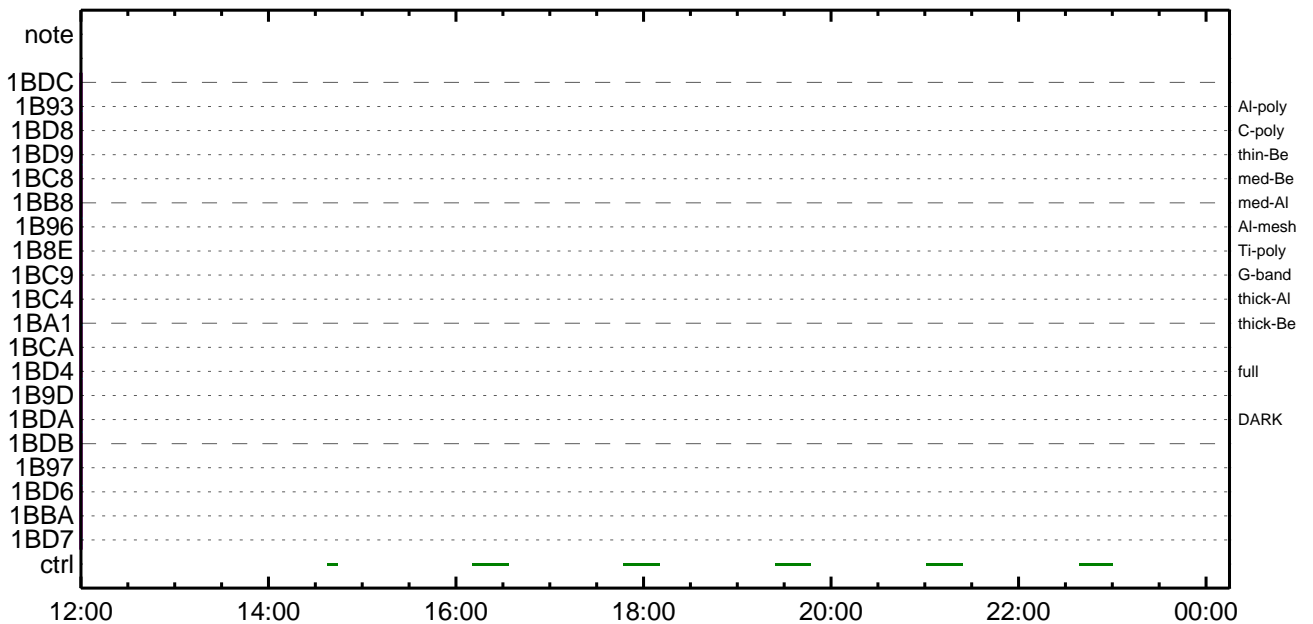
CMDI #0249 2018/01/20



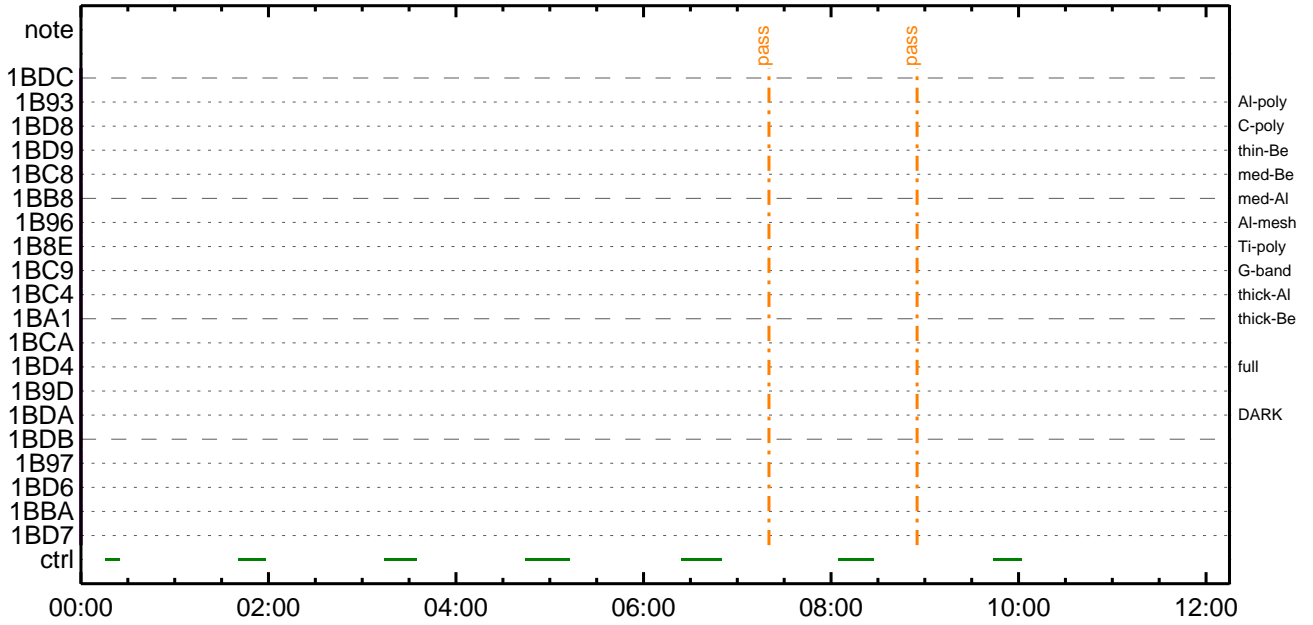
CMDI #0249 2018/01/21



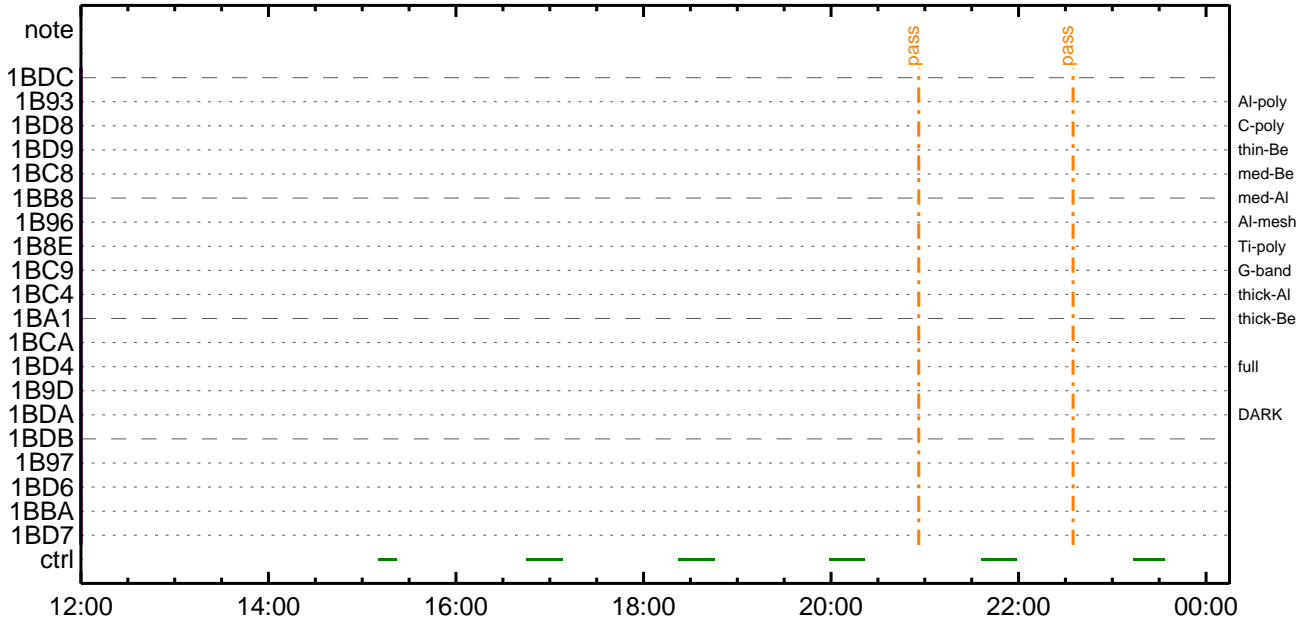
CMDI #0249 2018/01/21



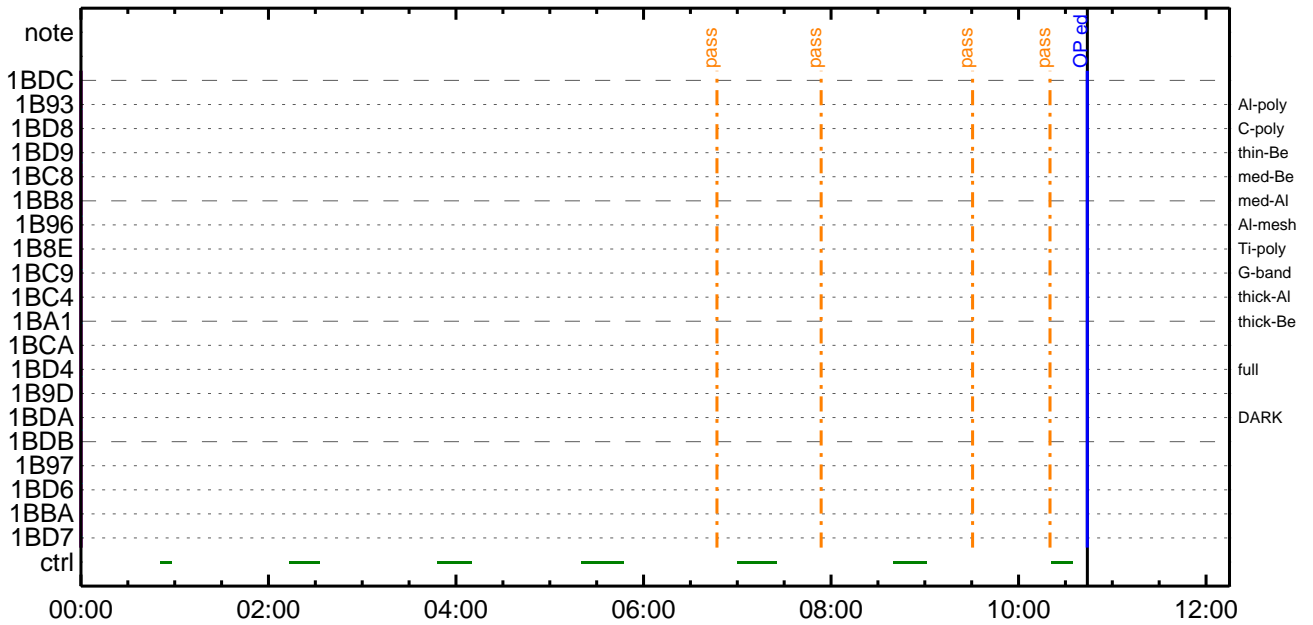
CMDI #0249 2018/01/22



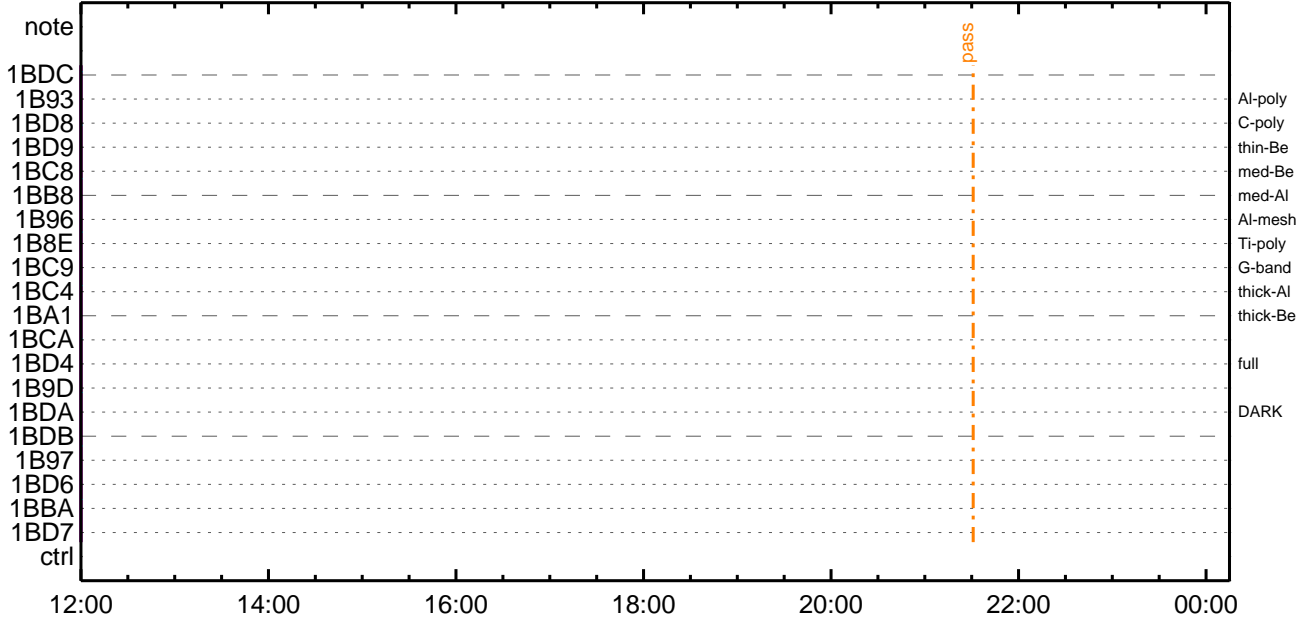
CMDI #0249 2018/01/22



CMDI #0249 2018/01/23



CMDI #0249 2018/01/23




```

0096 C.                0300; SET0EDUMP0I00iYNY1000|030E; E
0097 C.
0098 C. TIY3YBY0Y0E000ADi0(UT)
0099 +. TI 2018-01-13 11:18:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                00[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0102 C.
0103 +. TI 2018-01-13 11:18:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                00[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0106 C.
0107 +. TI 2018-01-13 11:18:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                00[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0110 C.
0111 +. TI 2018-01-13 11:22:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                00[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0114 C.
0115 C. 0E2%0IAE%iIN0IYAYSYAY-1aIU
0116 C.                00[HK1_TI_CMD_ENA/DIS]            EQ      ENA
0117 C.                00[HK1_TI_CMD_NUM]              EQ      4
0118 C.                00[HK1_NEXT_EXEC_PIM]            EQ      DHU
0119 C.                00[HK1_NEXT_EXEC_DC]            EQ      0xB3
0120 C.
0121 C. *****
0122 C. TI00I0EYAY0Yx
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.                00[HK1_DMP_TOP_ADRS_1]            EQ      07
0129 C.                00[HK1_DMP_TOP_ADRS_0]            EQ      2B
0130 C.                00[HK1_DMP_BLOCK_NUM]            EQ      3
0131 C.                00[HK1_DMP_REPEAT_NUM]           EQ      0
0132 C.                00[HK1_DMA_DMP_PIM]             EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.                00[HK1_PKT_FORM_NO]              EQ      7
0136 C.                00[HK1_PKT_GEN_TIME]             EQ      0.25 s
0137 C.                00[HK1_S_TLM_BIT_RATE]           EQ      32k
0138 C.                00[HK1_X_TLM_BIT_RATE]          EQ      4M
0139 C.                00[HK1_DMP_CHK_FLG]             EQ      EXEC
0140 C.
0141 C. YAY0Yx%aI»003IC$
0142 C.                00[HK1_DMP_CHK_FLG]             EQ      NON
0143 C.
0144 C. RAM ID=TI_TBL0I%E10.e2IOK003IC$
0145 C.
0146 C. DHUYa;Y%E;E%Y%,Yi;Y%E;E00Ia01
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.                00[HK1_PKT_FORM_NO]              EQ      2
0150 C.                00[HK1_PKT_GEN_TIME]             EQ      0.5S
0151 C.                00[HK1_S_TLM_BIT_RATE]           EQ      32K
0152 C.                00[HK1_X_TLM_BIT_RATE]          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 2018-01-13 11:22:16.0
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 2018-01-13 11:22:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC          (21 02)
0174 +. TI 2018-01-13 11:22:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC          (22)
0177 C.                [ ] [HK1_TI_CMD_NUM]            EQ      2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2018-01-13 11:22:00.0
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 0A0I0I»0%Y0E0A0010EDCBC0x2E *****
0192 C. (%a0IY0YAYEYBYEYAY0Y0E%000A»0010E)
0193 C. DC-BC dcbc-402:DCBC

```

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥D¥!•İ Daily±;İÑøĒ'Øα¹αēDCBC•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.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-111 2018-01-13 11:51:33 134 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□Á□•µ°È»Í×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;È□È¼°ÇÖ□•□¿¼í¹ç□í;çÀ®, ù□¹□è□È□ÇÁ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ( )
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 85 83 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 85 83 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 20 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 80 80 20 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 80 80 08 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b 80 80 08 08)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0f 80 80 06 06)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 10 80 80 08 08)
0060 + DC 07-F0 MDP_XRT_FLD_ENA
0061 BC (d8)
0062 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0063 BC (c8)
0064 + DC 07-F0 MDP_XRT_ARS_DIS
0065 BC (d5)
0066 + DC 07-F0 MDP_XRT_AEC_RESET
0067 BC (d0)
0068 + DC 07-F0 MDP_XRT_FLD_RESET
0069 BC (da)
0070 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0071 BC (c4 05)
0072 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0073 BC (c5 0d)
0074 . C. ----- Success Verify ? OK / NG ____
0075 C.
0076 C.
0077 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0078 C.
0079 +. DC 07-F0 MDP_XRT_MODE_OBSV
0080 BC (c2)
0081 +. TI 2018-01-13 11:22:02.0
0082 DC 07-F0 MDP_XRT_MODE_OBSV
0083 BC (c2)
0084 . C. ----- Success Verify ? OK / NG ____
0085 C.
0086 C. ***** XRT END *****
0087 . C. *****
0088 C. SOT table upload
0089 C. *****
0090 . C. < Stop SP table >
0091 +. DC 07-F0 MDP_SP_CTRL_MANU
0092 BC (61)
0093 C. -----
0094 C. MDP_SP_CTRL_MODE = MANU [ ]
0095 C. -----
```

```
0096 C.
0097 . C. <Upload SP Observation Table>
0098 . S. RAM ram-286:MDP_OBS_S
0099 ( )
0100 C.
0101 . C. < Dump RAMID=MDP_OBS_S >
0102 +. DC 07-F0 MDP_DUMP_SPTBL
0103 BC (83 07 00 00 00 38 b8)
0104 C. -----
0105 C. MDP_OBS_S verify = OK/NG [ ]
0106 C. -----
0107 C.
0108 C. *****
0109 C. SOT TI command set
0110 C. *****
0111 C. Execute, after the success of TBL upload.
0112 +. TI 2018-01-13 11:22:18.0
0113 DC 07-F0 MDP_SOT_MODE_OBSV
0114 BC (40)
0115 . C. -----
0116 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0117 C. -----
0118 C.
0119 C.
0120 . C. ***** MDP `úÃîî»ô%ÝðËÂð¹ñèDCBC•x²è *****
0121 C. (%á°îÿÓÿÃÿÈÿËÿËÿáÿçÿèñË¼ñ¼Ë»Ûñ¹ñè)
0122 . S. DC-BC dcbc-402:DCBC
0123 (MDP_known_event)
0124 C.
0125 C.
0126 . C. ***** ÿDÿ¹·Ï Daily±¿îññË´Øñ¹ñèDCBC•x²è *****
0127 . S. DC-BC dcbc-153:DCBC
0128 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0129 C.
0130 C.
0131 . C. ¡ãLOSÿÁÿ$ÿÃÿ-¼Ë»Ûñ¹ñè
0132 C.
0133 . C. ***** LOS *****
0134 C.
```

*** OP Sequence for XRT ***

2018/01/13	11:32:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	11:32:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	11:32:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/01/13	11:33:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2018/01/13	11:33:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/01/13	11:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/01/13	11:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/01/13	11:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/01/13	11:33:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/01/13	11:35:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2018/01/13	11:35:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/01/13	11:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/01/13	14:48:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	14:48:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	14:48:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/01/13	14:48:06.0	XRT_PREFLR_STRT_406_OG [0x196]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/01/13	14:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/01/13	14:57:30.0	XRT_Custom_430_OG [0x1ae]					
2018/01/13	14:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/01/13	16:22:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	16:22:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	16:22:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/01/13	16:22:06.0	XRT_PREFLR_STRT_406_OG [0x196]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/01/13	16:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/01/13	16:45:30.0	XRT_Custom_430_OG [0x1ae]					
2018/01/13	16:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/01/13	17:58:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	17:58:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	17:58:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/01/13	17:58:36.0	XRT_PREFLR_STRT_406_OG [0x196]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/01/13	18:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/01/13	18:21:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	18:21:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	18:21:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/01/13	18:22:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2018/01/13	18:22:18.0	XRT_FLD_DIS_425_OG [0x1a9]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/01/13	18:24:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/01/13	18:24:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/01/13	18:24:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2018/01/13	18:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/01/13	18:31:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	18:31:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/01/13	18:31:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/01/13	18:32:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2018/01/13	18:32:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/01/13	18:32:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/01/13	18:32:22.0	XRT_AEC_RESET_448_OG [0x1c0]					

2018/01/13	18:32:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/01/13	18:32:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/01/13	18:34:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/01/13	18:34:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2018/01/13	18:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/01/13	19:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/01/13	19:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/13	19:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/13	19:35:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/01/13	19:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/01/13	19:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/01/13	20:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2018/01/13	21:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/01/13	21:13:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/13	21:13:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/13	21:13:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/01/13	21:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/01/13	21:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/01/13	21:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2018/01/13	22:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/01/13	22:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/13	22:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/13	22:50:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/01/13	22:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/01/13	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/01/13	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]						
2018/01/13	22:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/13	23:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2018/01/13	23:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCS_Ore-point_Start_3_OG [0x099]						
2018/01/13	23:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	01	00 00 00 00		
2018/01/13	23:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/01/13	23:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/01/13	23:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/01/13	23:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/01/13	23:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/01/13	23:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2018/01/13	23:12:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/01/14	00:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/01/14	00:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/01/14	00:27:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/14	00:27:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/14	00:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/01/14	00:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/01/14	00:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/01/14	01:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/01/14	01:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/01/14	01:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/14	01:51:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/01/14			MDP_XRT_PREFLR_STRT	1	07-F0	da			
2018/01/14			MDP_XRT_PREFLR_STRT	1	07-F0	e8			

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2018/01/14	01:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/01/14	02:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2018/01/14	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/01/14	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/01/14	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/01/14	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	02:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	02:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/01/14	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/01/14	02:10:00.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	02:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	03:26:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	03:26:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	03:26:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	03:26:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/01/14	03:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	03:47:00.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	03:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	04:56:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	04:56:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	04:56:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	04:56:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/01/14	04:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	05:24:30.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	05:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	06:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	06:06:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	06:06:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/01/14	06:07:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/01/14	06:07:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/01/14	06:09:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/01/14	06:09:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	06:09:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2018/01/14	06:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	06:16:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	06:16:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	06:16:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/01/14	06:17:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2018/01/14	06:17:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/01/14	06:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/01/14	06:17:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/01/14	06:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	06:17:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	06:19:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/01/14	06:19:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				

2018/01/14	06:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	06:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	06:36:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	06:36:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	06:36:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/01/14	06:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	07:01:30.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	07:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	08:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	08:16:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	08:16:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	08:16:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/01/14	08:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	08:38:30.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	08:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	09:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	09:56:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	09:56:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	09:56:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/01/14	09:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	10:13:00.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	10:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	10:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	10:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	10:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/01/14	11:00:18.0	XRT_FLD_DIS_435_OG [0x1b3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/01/14	11:00:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/01/14	11:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/01/14	11:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	11:00:26.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2018/01/14	11:00:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/01/14	11:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	12:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/01/14	13:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 05 3f 08 93				
2018/01/14	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/01/14	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/01/14	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/01/14	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	13:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	13:02:56.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/01/14	13:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/01/14	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	15:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	15:21:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	15:21:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	15:21:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2018/01/14	15:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	15:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	15:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/01/14	15:30:00.0	AOCS_Orе-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2018/01/14	15:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/01/14	15:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/01/14	15:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/01/14	15:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	15:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	15:32:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/01/14	15:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/01/14	15:34:01.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	15:35:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	16:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	16:56:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	16:56:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	16:56:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/01/14	16:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	17:20:30.0	XRT_Custom_430_OG [0x1ae]							
2018/01/14	17:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/01/14	18:00:00.0	AOCS_Orе-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/01/14	18:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/01/14	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/01/14	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	18:02:58.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2018/01/14	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/01/14	18:10:00.0	AOCS_Orе-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2018/01/14	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/01/14	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/01/14	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/01/14	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/01/14	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	18:12:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/01/14	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/01/14	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/01/14	18:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	18:34:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/01/14	18:34:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/01/14	18:34:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/01/14	18:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/01/14	18:57:00.0	XRT_Custom_430_OG [0x1ae]							

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2018/01/14	18:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/14	20:10:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/14	20:10:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/14	20:10:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/14	20:10:36.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/14	20:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/14	20:34:00.0	XRT_Custom_430_OG [0x1ae]			
2018/01/14	20:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/14	21:48:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/14	21:48:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/14	21:48:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/14	21:48:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/14	21:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/14	22:10:30.0	XRT_Custom_430_OG [0x1ae]			
2018/01/14	22:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/14	23:25:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/14	23:25:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/14	23:25:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/14	23:25:36.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/14	23:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/14	23:43:30.0	XRT_Custom_430_OG [0x1ae]			
2018/01/14	23:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/15	01:02:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	01:02:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	01:02:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/15	01:02:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/15	01:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/15	01:09:00.0	XRT_Custom_430_OG [0x1ae]			
2018/01/15	01:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/15	02:25:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	02:25:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	02:25:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/15	02:25:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/15	02:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/15	02:45:00.0	XRT_Custom_430_OG [0x1ae]			
2018/01/15	02:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/15	03:56:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	03:56:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	03:56:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/15	03:56:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/15	03:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/15	04:22:00.0	XRT_Custom_430_OG [0x1ae]			
2018/01/15	04:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/15	05:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	05:32:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/15	05:32:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/15	05:32:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/15	05:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/15	05:59:30.0	XRT_Custom_430_OG [0x1ae]			
2018/01/15	06:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0

2018/01/15	06:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	06:08:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	06:08:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/01/15	06:09:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00
2018/01/15	06:09:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/01/15	06:11:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/01/15	06:11:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/01/15	06:11:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2018/01/15	06:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	06:18:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	06:18:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	06:18:58.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]	XRT_FOCUS_RECAL	2	07-F8	78	00
2018/01/15	06:19:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01 00 00 00	00
2018/01/15	06:22:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2018/01/15	06:23:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/01/15	06:23:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/01/15	06:23:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/01/15	06:23:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/01/15	06:23:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	06:25:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2018/01/15	06:25:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/01/15	06:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	07:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	07:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	07:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	07:12:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	07:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	07:36:30.0	XRT_Custom_430_OG [0x1ae]					
2018/01/15	07:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	08:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	08:52:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	08:52:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	08:52:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	08:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	09:13:00.0	XRT_Custom_430_OG [0x1ae]					
2018/01/15	09:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	10:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	10:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	10:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2018/01/15	10:15:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02 00 00 00	00
2018/01/15	10:15:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/01/15	10:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/01/15	10:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/01/15	10:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/01/15	10:15:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	10:17:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2018/01/15	10:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/01/15	10:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]					

2018/01/15	10:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	10:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	10:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	10:33:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	10:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	10:44:30.0	XRT_Custom_430_OG [0x1ae]					
2018/01/15	10:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	15:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	15:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	15:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	15:55:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	15:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	16:18:30.0	XRT_Custom_430_OG [0x1ae]					
2018/01/15	16:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	16:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	16:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	16:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/01/15	16:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01 00 00 00 00	
2018/01/15	16:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/01/15	16:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/01/15	16:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/01/15	16:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/01/15	16:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	16:32:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2018/01/15	16:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/01/15	16:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	17:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	17:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	17:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	17:31:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	17:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	17:55:00.0	XRT_Custom_430_OG [0x1ae]					
2018/01/15	17:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	17:56:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/01/15	17:56:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/01/15	17:56:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/01/15	17:59:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/01/15	17:59:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/01/15	17:59:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2018/01/15	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	18:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	18:06:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/01/15	18:06:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01 00 00 00 00	
2018/01/15	18:06:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/01/15	18:06:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					

2018/01/15	18:06:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/01/15	18:06:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/01/15	18:06:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/01/15	18:09:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	18:09:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2018/01/15	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/01/15	19:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	19:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	19:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	19:08:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	19:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	19:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	19:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2018/01/15	20:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	20:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	20:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	20:45:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	20:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	21:09:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	21:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2018/01/15	22:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	22:23:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	22:23:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	22:23:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	22:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/15	22:45:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/15	22:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2018/01/15	23:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/15	23:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	23:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/15	23:15:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2018/01/15	23:15:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03	00 00 00 00
2018/01/15	23:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/01/15	23:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/01/15	23:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/01/15	23:15:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/01/15	23:17:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/15	23:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2018/01/15	23:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/01/16	00:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/16	00:00:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/16	00:00:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/16	00:00:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/01/16	00:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/01/16	00:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/01/16	00:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2018/01/16	01:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/01/16	01:27:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/01/16	01:27:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2018/01/16	07:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/16	07:48:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/16	07:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/16	08:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/16	08:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/01/16	09:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/16	09:28:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/16	09:28:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/16	09:28:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/16	09:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/16	11:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/16	11:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/16	11:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/01/16	11:11:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/01/16	11:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/01/16	11:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/01/16	11:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00