

XRT Timeline to be uploaded on 2018/12/11

Period: 2018/12/11 10:20:00 - 2018/12/15 11:03:00

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Normal mode

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XOB #1C13: Synoptic 7 Filter w/ Al-mesh(512/2048/4096), Al-poly(512/4096/8192), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/23142)													
Term	Pointing (x, y)			Comment									
12/11 11:05:00 - 12/11 14:09:54	Fixed (0.0, 0.0)			(3/15)									
PROG= 10 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= 12 1-time(s) 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	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 82 1-time(s) 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
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 52 1-time(s) 2.0sec													
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	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= 97 1-time(s) 2.0sec													
└─ Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
└─ Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	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 #1BFE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with													
Term	Pointing (x, y)			Comment									
12/11 14:13:00 - 12/11 17:59:54	Track (-712.9, 170.2) @ 12/11 14:10:00			AR obs									
12/11 22:13:00 - 12/12 01:59:54	Track (-661.0, 171.2) @ 12/11 22:10:00			AR obs									
12/12 06:21:00 - 12/12 17:30:30	Track (-604.1, 172.2) @ 12/12 06:18:00			AR obs									
12/12 18:08:30 - 12/13 01:28:00	Track (-515.1, 173.7) @ 12/12 18:05:30			AR obs									
12/13 05:53:00 - 12/13 11:09:00	Track (-419.8, 175.3) @ 12/13 05:50:00			AR obs									
PROG= 06 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 4-time(s) 2.0sec													
└─ Seqn= 75 1-time(s) 2.0sec													
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	2	0	2.0sec
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	2	0	2.0sec
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec
└─ Seqn= 93 4-time(s) 300.0sec													
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	0	2.0sec
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	0	95.0sec
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	1	2.0sec
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	1	95.0sec
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	2	2.0sec
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1C1B: Synoptic Q95 2x2 - Al/mesh(512/2048/5796) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(512/4096/8192)												
Term	Pointing (x, y)			Comment								
12/11 18:03:00 - 12/11 18:09:54	Fixed (0.0, 0.0)			synoptic								
12/12 06:11:00 - 12/12 06:17:54	Fixed (0.0, 0.0)			synoptic, shifted 8.0 min								
12/12 17:58:30 - 12/12 18:05:24	Fixed (0.0, 0.0)			synoptic, shifted -4.5 min								
12/13 05:43:00 - 12/13 05:49:54	Fixed (0.0, 0.0)			synoptic, shifted -20.0 min								
PROG= 02 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= 78												
1-time(s) 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	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 82												
1-time(s) 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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52												
1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	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 #1AEC: G-Band Alignment with North Pole Q90 2x2 (G-band and VLS=CLS) - 1msec (Al/poly) - 4096msec - 5min cadence - Partial Sun-wNGT

Term	Pointing (x, y)	Comment
12/11 18:25:00 - 12/11 20:09:54	Fixed (0.0, 930.0)	Co-alignment North Limb

PROG= 08												
1-time(s)												
Subr= 1												
24-time(s) 300.0sec												
Seqn= 98												
1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
Seqn= 63												
1-time(s) 2.0sec												
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
Seqn= 45												
1-time(s) 2.0sec												
Al-poly/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x1536 (1024, 768)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1AED: G-Band Alignment with East limb Q90 2x2 (G-band and VLS=CLS) - 1msec - (Al/poly) 1443msec - 8 min cadence-wNGT

Term	Pointing (x, y)	Comment
12/11 20:25:00 - 12/11 22:09:54	Fixed (-970.0, 0.0)	Co-alignment East Limb

PROG= 05												
1-time(s)												
Subr= 1												
15-time(s) 480.0sec												
Seqn= 19												
1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	1536x2048 (1280, 1024)	Q=90	0	0	2.0sec
Seqn= 43												
1-time(s) 2.0sec												
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	1536x2048 (1280, 1024)	Q=90	0	0	2.0sec
Seqn= 70												
1-time(s) 2.0sec												
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1536x2048 (1280, 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 #1C00: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 90 min cadence

Term	Pointing (x, y)	Comment
12/12 02:03:00 - 12/12 06:07:54	Fixed (0.0, 0.0)	HOP349
12/13 01:43:00 - 12/13 05:39:54	Fixed (0.0, 0.0)	HOP349

PROG= 04												
Inf.-time(s)												
Subr= 1												
1-time(s) 300.0sec												
Seqn= 12												
1-time(s) 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	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 82												
1-time(s) 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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52												
1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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												
18-time(s) 300.0sec												
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
Seqn= 29 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
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
12/11 14:13:00 - 12/11 17:59:54	Track (-712.9, 170.2) @ 12/11 14:10:00	AR obs
12/11 22:13:00 - 12/12 01:59:54	Track (-661.0, 171.2) @ 12/11 22:10:00	AR obs
12/12 02:03:00 - 12/12 06:07:54	Fixed (0.0, 0.0)	HOP349
12/12 06:21:00 - 12/12 17:30:30	Track (-604.1, 172.2) @ 12/12 06:18:00	AR obs
12/12 18:08:30 - 12/13 01:28:00	Track (-515.1, 173.7) @ 12/12 18:05:30	AR obs
12/13 01:43:00 - 12/13 05:39:54	Fixed (0.0, 0.0)	HOP349
12/13 05:53:00 - 12/13 11:09:00	Track (-419.8, 175.3) @ 12/13 05:50:00	AR obs

PROG= 13 30-time(s)

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

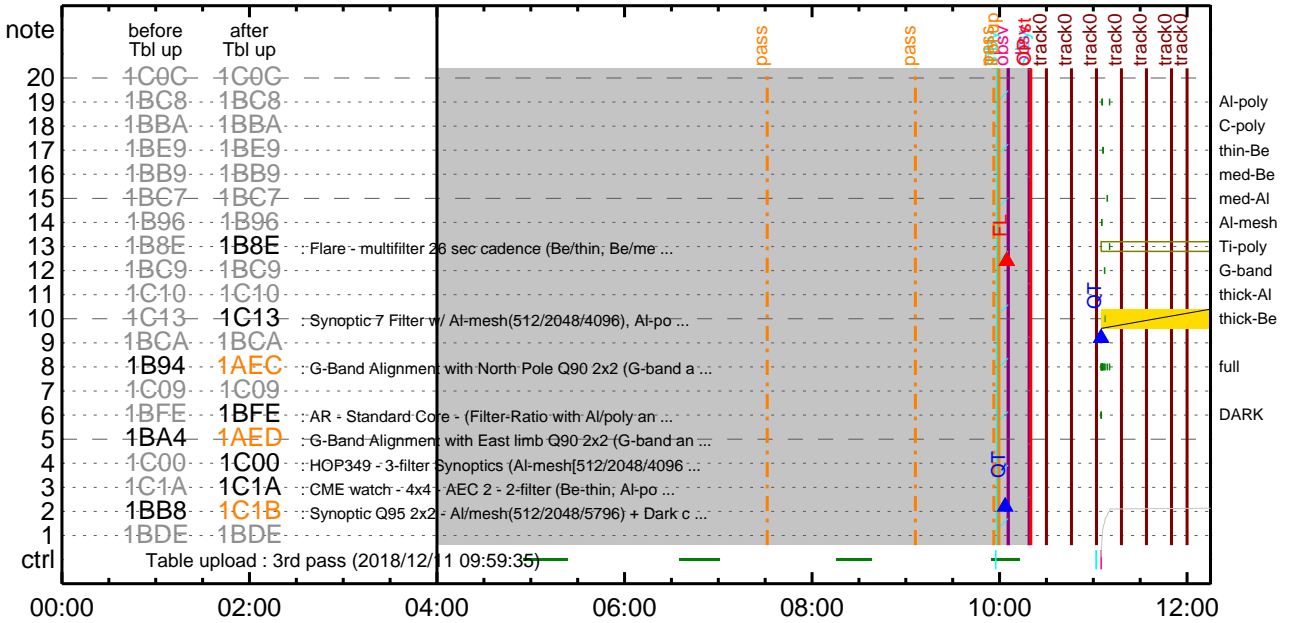
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Flare Detection

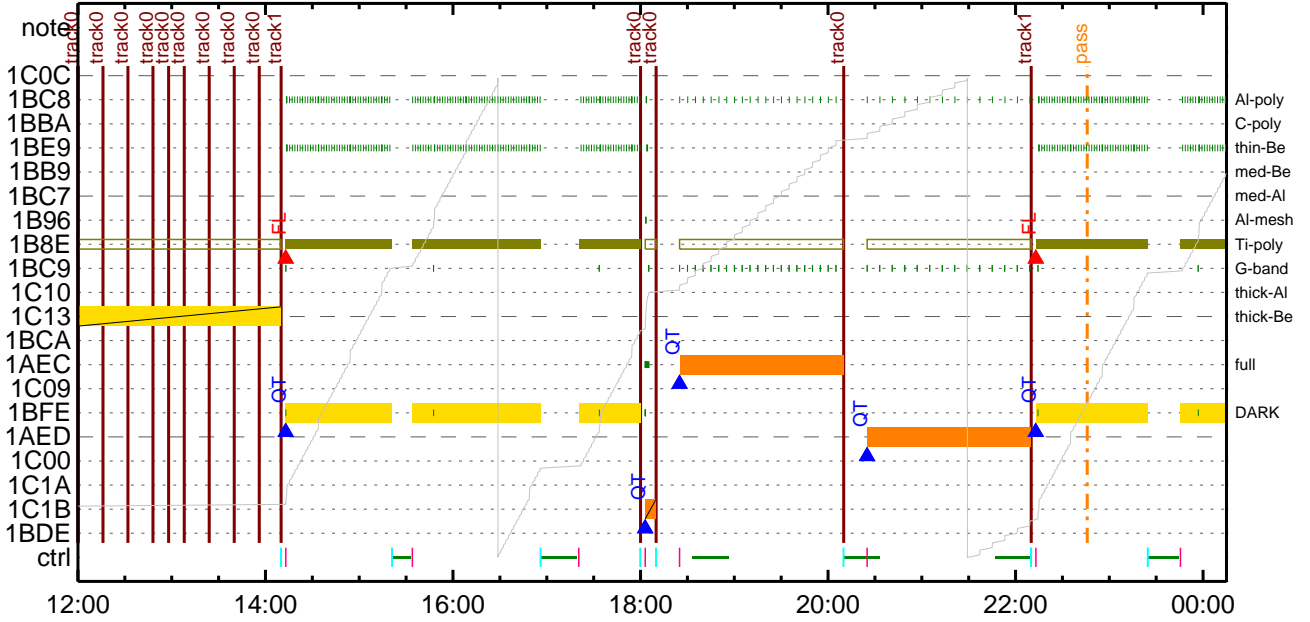
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FLD Patrol												
Term	Pointing (x, y)	Comment										
12/11 14:10:18 - 12/11 18:00:18	Track (-712.9, 170.2) @ 12/11 14:10:00	AR obs										
12/11 22:10:18 - 12/12 06:08:18	Track (-661.0, 171.2) @ 12/11 22:10:00	AR obs										
12/12 06:18:18 - 12/12 17:55:48	Track (-604.1, 172.2) @ 12/12 06:18:00	AR obs										
12/12 18:05:48 - 12/13 05:40:18	Track (-515.1, 173.7) @ 12/12 18:05:30	AR obs										
12/13 05:50:18 - 12/15 11:03:00	Track (-419.8, 175.3) @ 12/13 05:50:00	AR obs										
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	

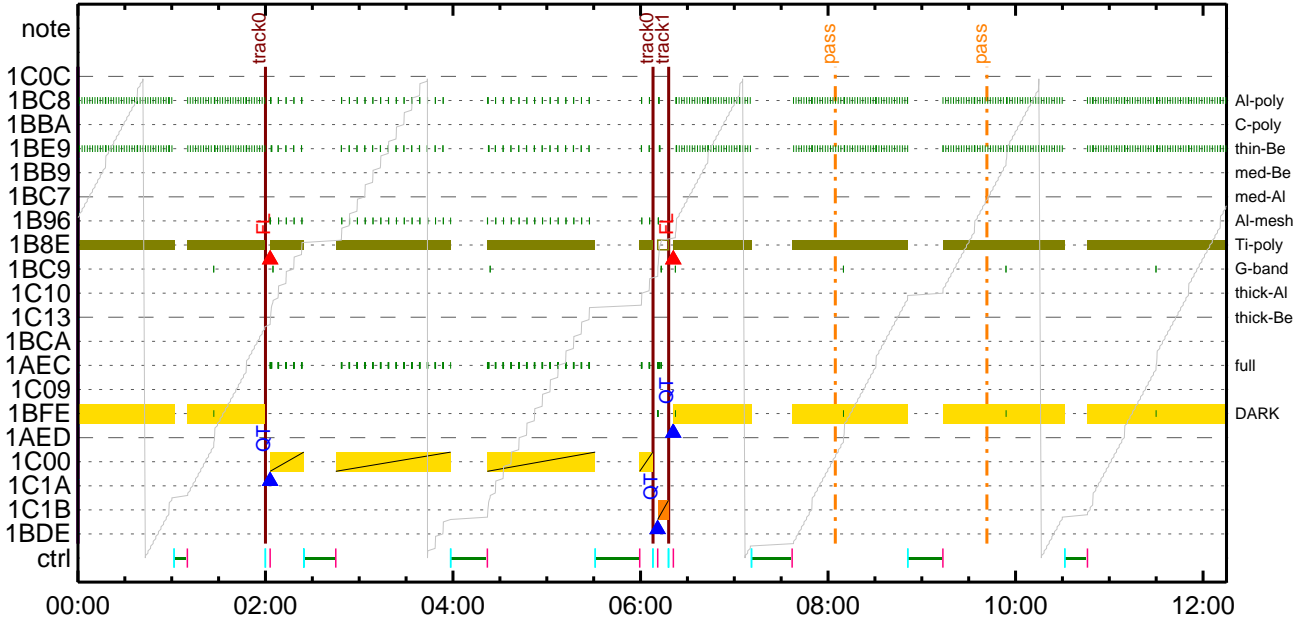
exported #20181211002 2018/12/11



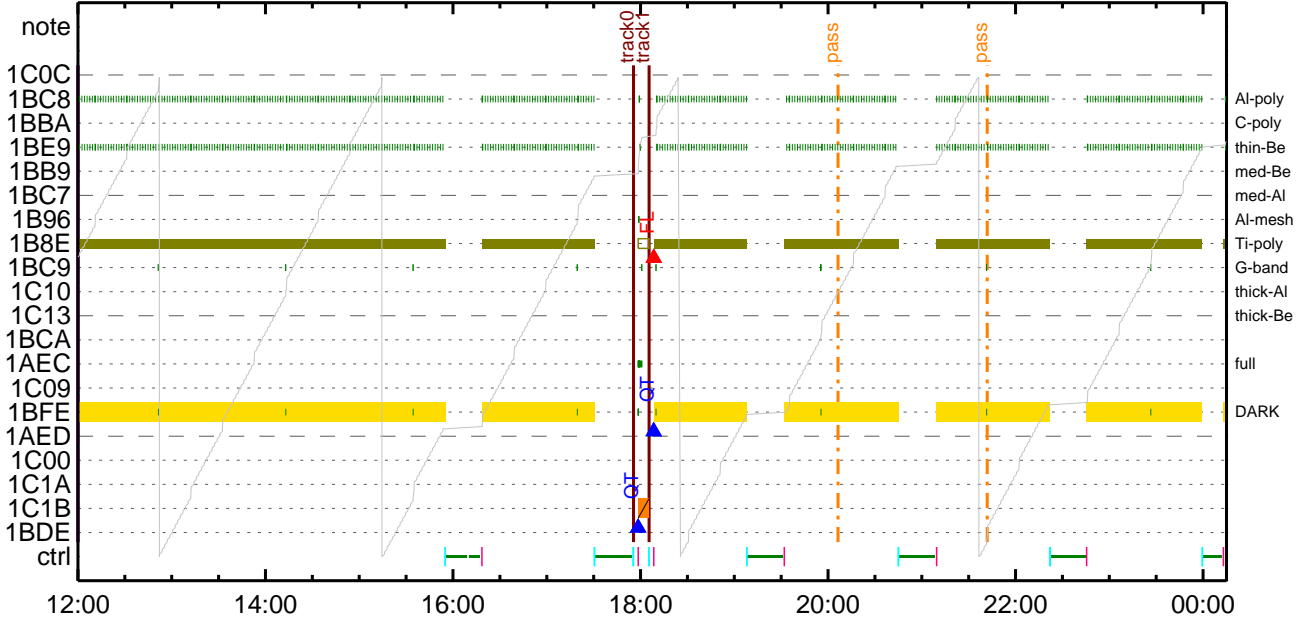
exported #20181211002 2018/12/11



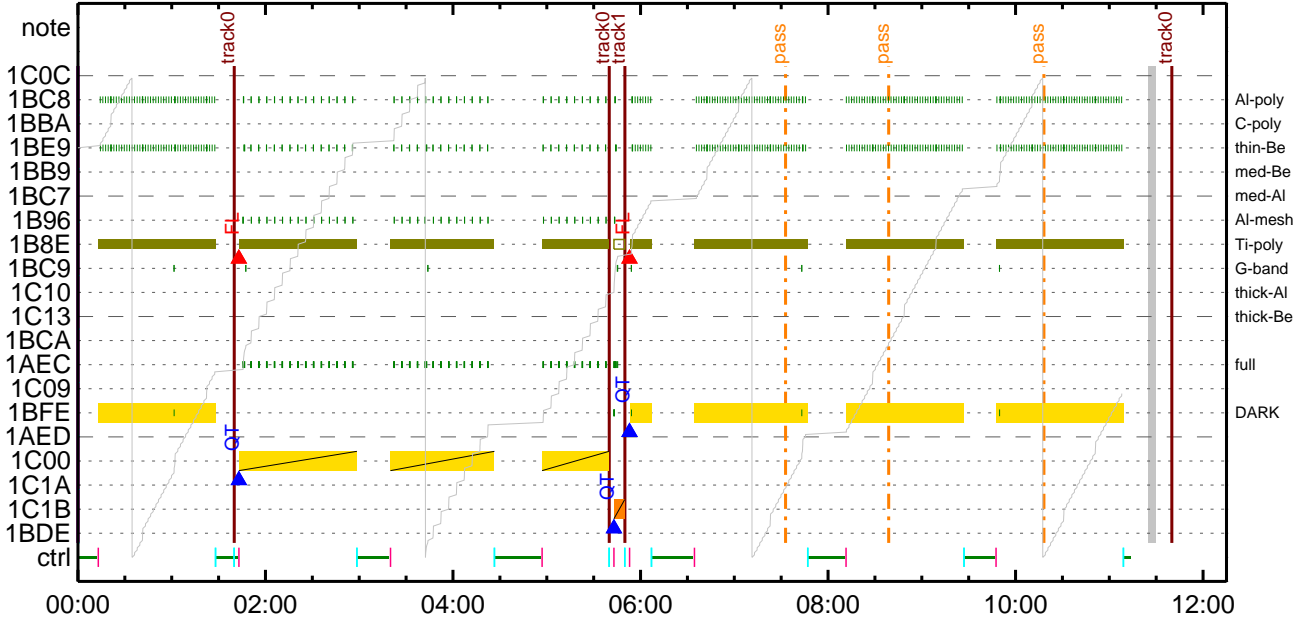
exported #20181211002 2018/12/12



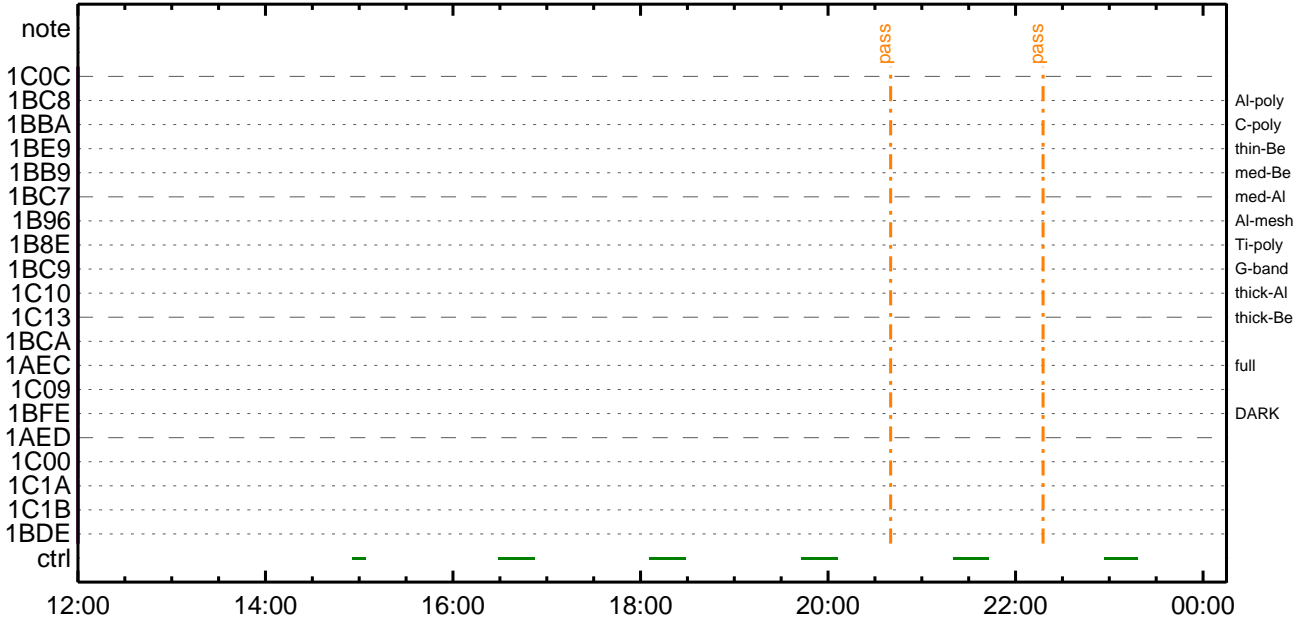
exported #20181211002 2018/12/12



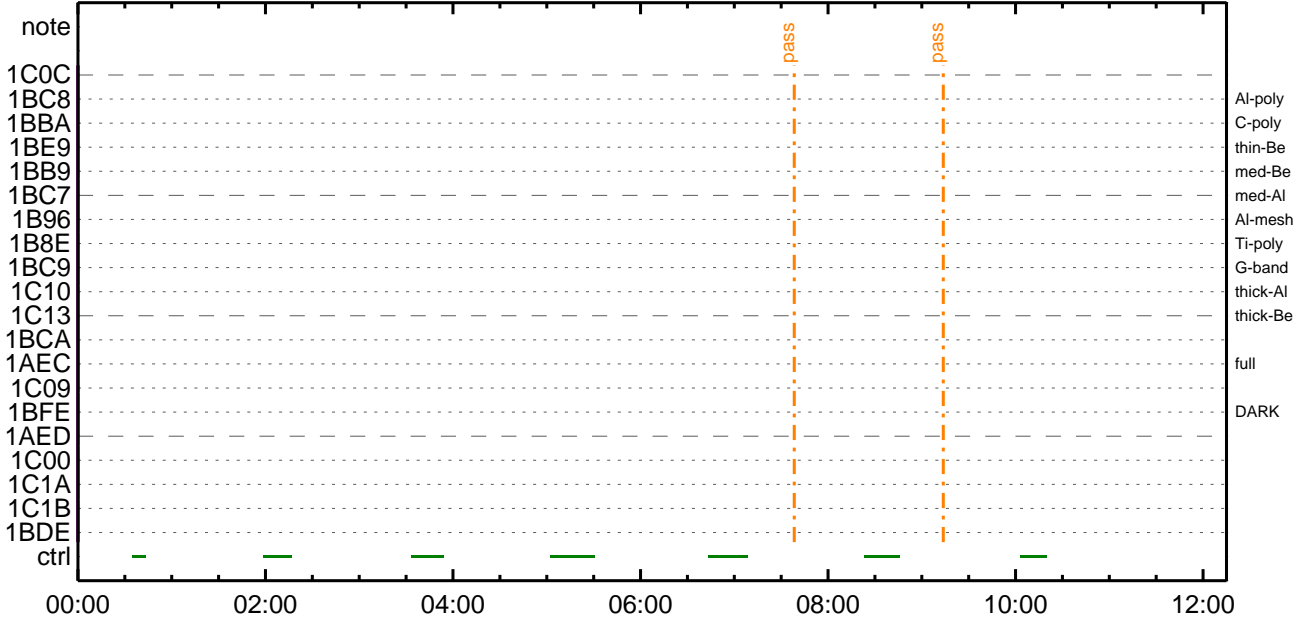
exported #20181211002 2018/12/13



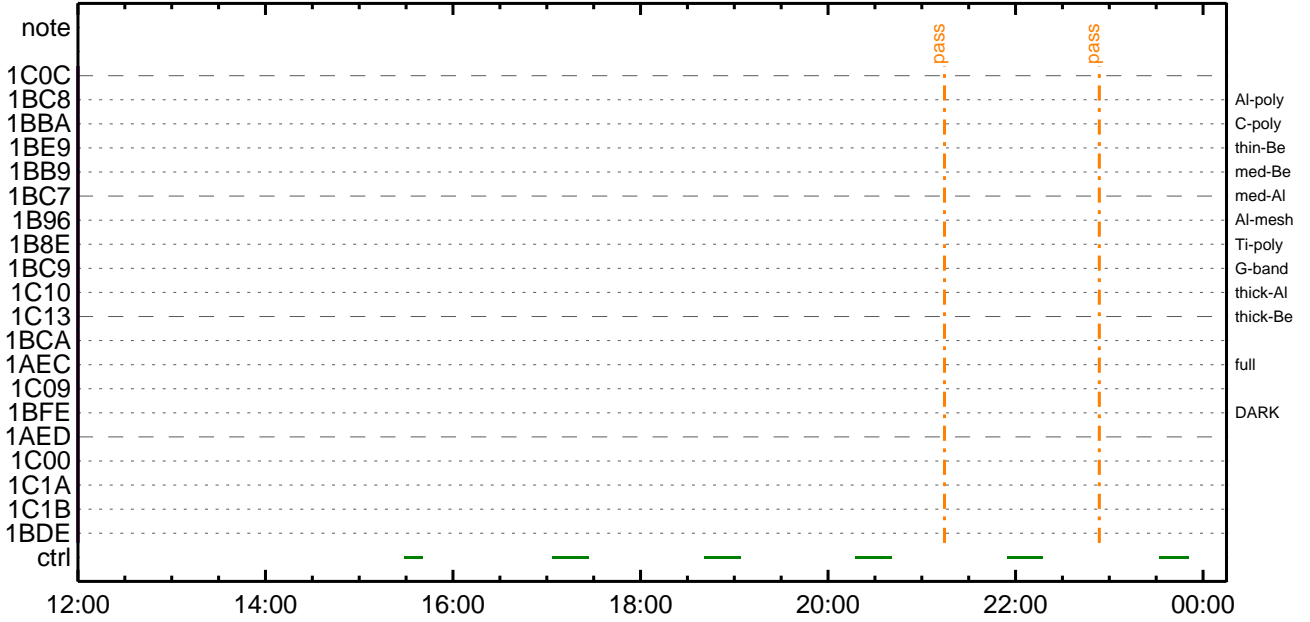
exported #20181211002 2018/12/13



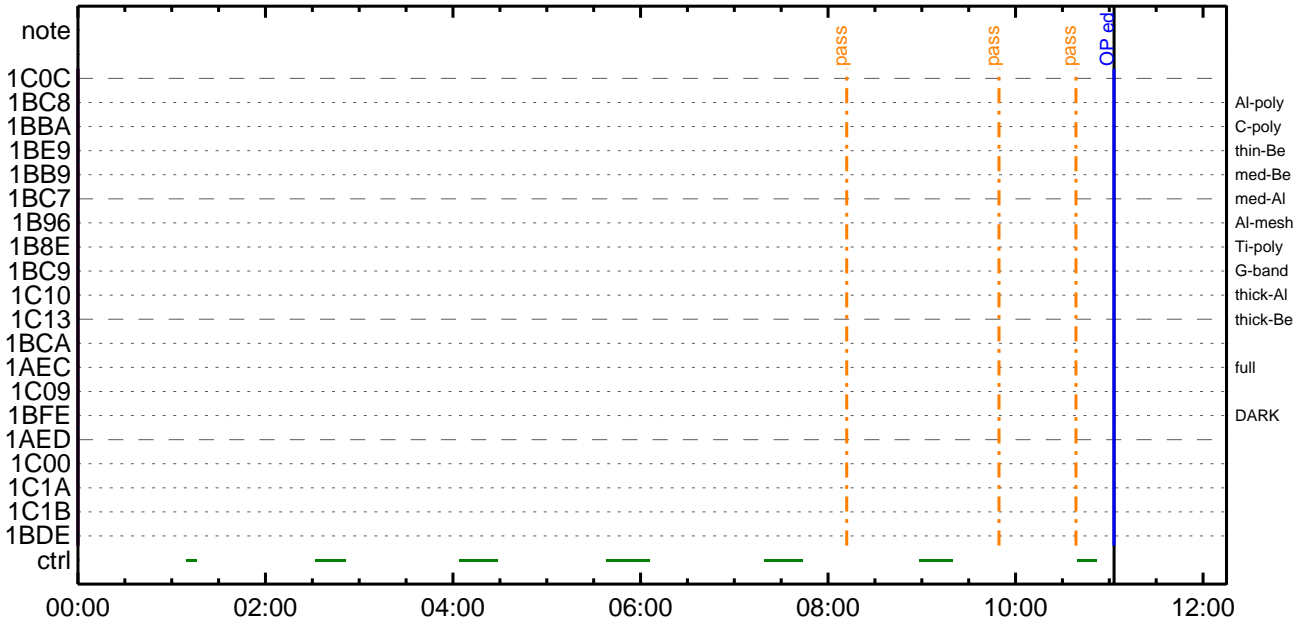
exported #20181211002 2018/12/14

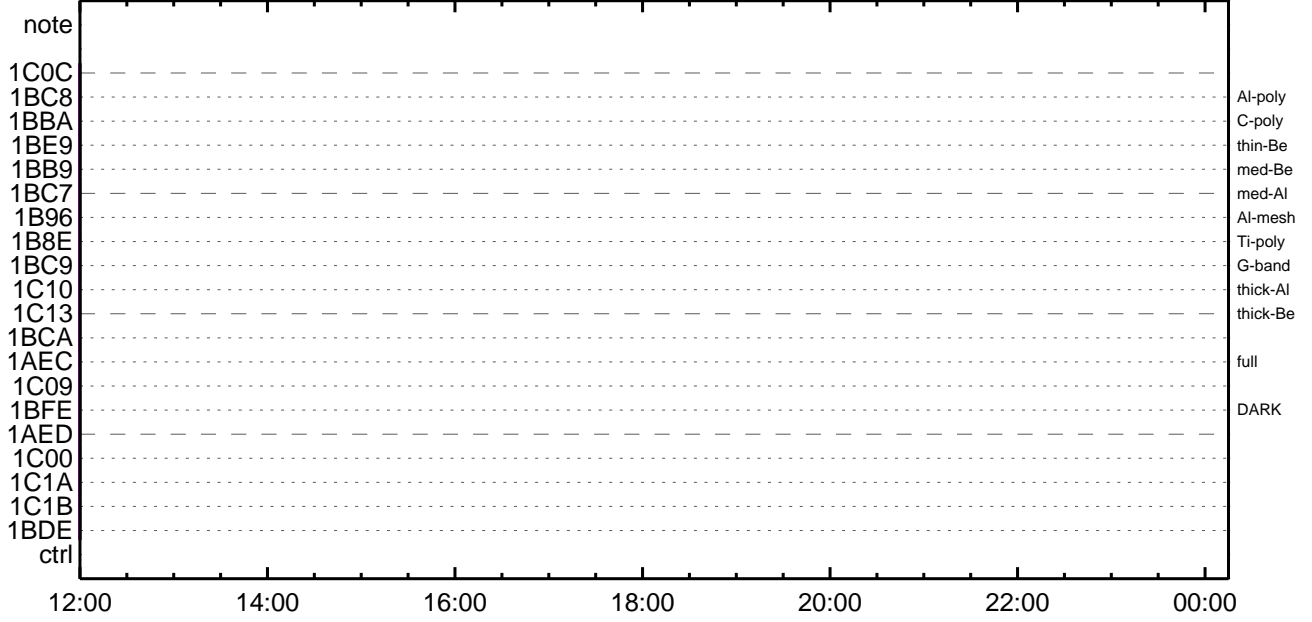


exported #20181211002 2018/12/14



exported #20181211002 2018/12/15





(a) Spacecraft Operation Procedure (real-commands)

```
main-896 2018-12-11 11:08:59 22 33 SOLAR-B MAIN //
0001 . C. This is the dummy sequence to avoid some errors in CO-PLAN check.
0002 . S. OP      op-896:OP
0003 .          ( )
0004 . S. OG      og-896:OG
0005 .          ( )
0006 +. TI 2018-12-11 10:15:00.0
0007   DC 01-B3 DHU_OP_STOP
0008 +. TI 2018-12-11 10:15:01.0
0009   DC 01-B4 DHU_OP_COPY
0010 +. TI 2018-12-11 10:15:01.0
0011   DC 01-B5 DHU_OPOG_COPY
0012 +. TI 2018-12-11 10:19:59.5
0013   DC 01-B2 DHU_OP_START
0014   C.
0015   C. ***** XRT START *****
0016   C. Execute, after the success of OP upload.
0017 +. TI 2018-12-11 10:19:00.0
0018   DC 07-F0 MDP_XRT_MODE_STBY
0019   BC      (c3)
0020 . C.                [ ] [HK1_TI_CMD_NUM]    EQ    1COUNTUP
0021   C.
0022   C. ***** XRT END *****
```


(a) Spacecraft Operation Procedure (real-commands)

main-897 2018-12-11 11:08:59 1 33 SOLAR-B MAIN //

0001 . C. This is the dummy sequence to avoid some errors in CO-PLAN check.

(a) Spacecraft Operation Procedure (real-commands)

```
main-898 2018-12-11 11:08:59 72 33 SOLAR-B MAIN //
0001 . C. This is the dummy sequence to avoid some errors in CO-PLAN check.
0002 C.
0003 C. ***** XRT START *****
0004 C.
0005 +. DC 07-F0 MDP_XRT_CTRL_MANU
0006 BC (c1)
0007 + DC 07-F0 MDP_XRT_MODE_STBY
0008 BC (c3)
0009 . C. ----- Success Verify ? OK / NG ____
0010 C.
0011 C. XRT Obs. Table Upload
0012 . S. RAM ram-291:MDP_OBS_X
0013 ( )
0014 C.
0015 +. DC 07-F0 MDP_DUMP_XRTTBL
0016 BC (84 07 00 00 00 3a d4)
0017 . C. ----- Comparison Check ? OK / ERR ____
0018 C.
0019 C.
0020 +. DC 07-F0 MDP_XRT_ROI_SET
0021 BC (cd 01 b1 b1 04 04)
0022 + DC 07-F0 MDP_XRT_ROI_SET
0023 BC (cd 02 b1 b1 08 08)
0024 + DC 07-F0 MDP_XRT_ROI_SET
0025 BC (cd 03 b1 b1 08 08)
0026 + DC 07-F0 MDP_XRT_ROI_SET
0027 BC (cd 04 b1 b1 06 06)
0028 + DC 07-F0 MDP_XRT_ROI_SET
0029 BC (cd 06 80 80 20 20)
0030 + DC 07-F0 MDP_XRT_ROI_SET
0031 BC (cd 07 80 80 20 08)
0032 + DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 08 80 80 08 20)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 09 85 83 06 06)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 0a 80 60 20 18)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 0b a0 80 18 20)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 0c 80 80 08 08)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 0f 80 80 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 10 80 80 08 08)
0046 + DC 07-F0 MDP_XRT_FLD_ENA
0047 BC (d8)
0048 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0049 BC (c8)
0050 + DC 07-F0 MDP_XRT_ARS_DIS
0051 BC (d5)
0052 + DC 07-F0 MDP_XRT_AEC_RESET
0053 BC (d0)
0054 + DC 07-F0 MDP_XRT_FLD_RESET
0055 BC (da)
0056 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0057 BC (c4 03)
0058 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0059 BC (c5 0d)
0060 . C. ----- Success Verify ? OK / NG ____
0061 C.
0062 C.
0063 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0064 C.
0065 +. DC 07-F0 MDP_XRT_MODE_OBSV
0066 BC (c2)
0067 +. TI 2018-12-11 10:19:02.0
0068 DC 07-F0 MDP_XRT_MODE_OBSV
0069 BC (c2)
0070 . C. ----- Success Verify ? OK / NG ____
0071 C.
0072 C. ***** XRT END *****
```

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*** OP Sequence for XRT ***

2018/12/11	11:01:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	11:01:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	11:01:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/12/11	11:02:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2018/12/11	11:02:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/12/11	11:02:22.0	XRT_ARS_DIS_414_OG [0x19e]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/11	11:04:58.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2018/12/11	11:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	14:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	14:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	14:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/11	14:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/11	14:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/11	14:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/11	14:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/11	14:10:26.0	XRT_FLD_RESET_432_OG [0x1b0]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/11	14:12:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2018/12/11	14:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/11	14:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	15:21:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	15:21:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	15:21:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/11	15:21:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/11	15:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/11	15:33:00.0	XRT_Custom_430_OG [0x1ae]			
2018/12/11	15:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	16:56:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	16:56:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	16:56:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/11	16:56:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/11	16:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/11	17:19:30.0	XRT_Custom_430_OG [0x1ae]			
2018/12/11	17:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/12/11	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2018/12/11	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/12/11	18:00:22.0	XRT_ARS_DIS_414_OG [0x19e]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/11	18:02:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2018/12/11	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	18:09:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/11	18:10:18.0	XRT_FLD_DIS_445_OG [0x1bd]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2018/12/11	18:24:54.0	XRT_ARS_DIS_436_OG [0x1b4]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/11	18:24:56.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]			

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2018/12/11	18:24:58.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/12/11	18:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2018/12/11	20:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	20:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	20:09:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	20:10:18.0	XRT_FLD_DIS_445_OG [0x1bd]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/11	20:24:54.0	XRT_ARS_DIS_436_OG [0x1b4]	MDP_XRT_FLD_DIS	1	07-F0	d9
2018/12/11	20:24:56.0	XRT_FLRCTRL_DIS_425_OG [0x1a9]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/11	20:24:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/12/11	20:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/12/11	22:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	22:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	22:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	22:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/11	22:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/11	22:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/11	22:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/11	22:10:26.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/11	22:12:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/11	22:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2018/12/11	22:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/11	23:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/11	23:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	23:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/11	23:24:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/11	23:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/11	23:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/11	23:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/12/12	01:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	01:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	01:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	01:01:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	01:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/12	01:09:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/12	01:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/12/12	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	02:00:18.0	XRT_FLD_ENA_407_OG [0x197]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/12/12	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/12	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/12	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/12	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/12	02:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2018/12/12	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/12	02:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12			MDP_XRT_CTRL_MANU	1	07-F0	c1

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2018/12/12	02:24:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	02:24:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	02:24:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/12	02:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/12	02:44:00.0	XRT_Custom_430_OG [0x1ae]			
2018/12/12	02:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	03:58:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	03:58:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	03:58:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	03:58:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/12	04:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/12	04:21:00.0	XRT_Custom_430_OG [0x1ae]			
2018/12/12	04:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	05:31:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	05:31:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	05:31:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	05:31:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/12	05:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/12	05:58:30.0	XRT_Custom_430_OG [0x1ae]			
2018/12/12	05:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	06:07:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	06:07:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	06:07:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/12/12	06:08:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2018/12/12	06:08:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/12/12	06:08:22.0	XRT_ARS_DIS_414_OG [0x19e]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/12	06:10:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2018/12/12	06:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	06:17:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	06:17:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	06:17:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/12	06:18:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/12	06:18:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/12	06:18:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/12	06:18:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/12	06:18:26.0	XRT_FLD_RESET_432_OG [0x1b0]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	06:20:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2018/12/12	06:20:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/12	06:21:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	07:11:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	07:11:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	07:11:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	07:11:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/12	07:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/12	07:36:00.0	XRT_Custom_430_OG [0x1ae]			
2018/12/12	07:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	08:51:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	08:51:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	08:51:04.0	XRT_FLD_RESET_415_OG [0x19f]			

2018/12/12	08:51:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/12	08:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/12	09:12:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/12	09:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/12	10:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	10:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	10:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/12	10:31:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/12	10:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/12	10:45:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/12	10:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	15:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	15:55:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	15:55:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/12	15:55:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/12	15:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/12	16:17:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/12	16:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	17:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	17:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	17:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/12	17:30:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/12	17:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/12	17:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	17:55:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	17:55:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/12/12	17:55:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/12/12	17:55:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/12/12	17:55:52.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/12/12	17:58:28.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2018/12/12	17:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/12	18:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	18:05:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	18:05:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/12/12	18:05:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/12/12	18:05:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/12/12	18:05:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/12/12	18:05:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/12/12	18:05:56.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/12	18:08:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2018/12/12	18:08:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/12/12	18:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/12	19:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	19:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/12	19:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/12	19:08:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/12	19:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/12	19:31:00.0	XRT_Custom_430_OG [0x1ae]					

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2018/12/12	19:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	20:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	20:45:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	20:45:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	20:45:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/12	20:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/12	21:08:30.0	XRT_Custom_430_OG [0x1ae]			
2018/12/12	21:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	22:22:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	22:22:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	22:22:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	22:22:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/12	22:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/12	22:44:30.0	XRT_Custom_430_OG [0x1ae]			
2018/12/12	22:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/12	23:59:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	23:59:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/12	23:59:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/12	23:59:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	00:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	00:12:00.0	XRT_Custom_430_OG [0x1ae]			
2018/12/13	00:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	01:28:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	01:28:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	01:28:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	01:28:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	01:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	01:39:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	01:39:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	01:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/12/13	01:40:18.0	XRT_FLD_ENA_407_OG [0x197]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/13	01:42:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/13	01:42:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/13	01:42:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/13	01:42:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	01:42:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2018/12/13	01:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/13	01:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	02:58:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	02:58:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	02:58:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	02:58:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	03:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	03:19:00.0	XRT_Custom_430_OG [0x1ae]			
2018/12/13	03:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	04:26:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	04:26:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	04:26:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	04:26:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]			

2018/12/13	04:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	04:56:00.0	XRT_Custom_430_OG [0x1ae]				
2018/12/13	04:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	05:39:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	05:39:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	05:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/12/13	05:40:18.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2018/12/13	05:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/12/13	05:40:22.0	XRT_ARS_DIS_414_OG [0x19e]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/13	05:42:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2018/12/13	05:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	05:49:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	05:49:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	05:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/13	05:50:18.0	XRT_FLD_ENA_411_OG [0x19b]				
			MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/13	05:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/13	05:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]				
			MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/13	05:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/13	05:50:26.0	XRT_FLD_RESET_432_OG [0x1b0]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	05:52:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2018/12/13	05:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]				
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/13	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	06:07:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	06:07:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	06:07:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	06:07:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	06:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	06:33:30.0	XRT_Custom_430_OG [0x1ae]				
2018/12/13	06:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	07:47:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	07:47:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	07:47:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	07:47:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	07:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	08:10:30.0	XRT_Custom_430_OG [0x1ae]				
2018/12/13	08:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	09:27:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	09:27:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	09:27:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	09:27:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	09:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	09:46:30.0	XRT_Custom_430_OG [0x1ae]				
2018/12/13	09:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	11:09:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	11:09:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	11:09:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	11:09:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	11:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9