

XRT Timeline to be uploaded on 2018/12/13

Period: 2018/12/13 11:30:00 - 2018/12/18 11:10:00

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Normal mode

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XOB #1C1C: HOP79 QS Al/poly short/long (512ms/4096ms) with G-band (1ms, 1ms leak) + Dark (16s) 384x384 FOV 60s cad													
Term	Pointing (x, y)							Comment					
12/13 11:43:00 - 12/13 12:14:54	Fixed (-20.0, -979.0)							# OP start + 10min, HOP79 N-S scan (1/20)					
12/13 12:18:00 - 12/13 12:44:54	Fixed (-20.0, -879.0)							(2/20)					
12/13 12:48:00 - 12/13 13:14:54	Fixed (-20.0, -779.0)							(3/20)					
12/13 13:18:00 - 12/13 13:44:54	Fixed (-20.0, -679.0)							(4/20)					
12/13 13:48:00 - 12/13 14:14:54	Fixed (-20.0, -579.0)							(5/20)					
12/13 14:18:00 - 12/13 14:55:30	Fixed (-20.0, -479.0)							(6/20)					
12/13 15:08:00 - 12/13 15:34:54	Fixed (-20.0, -379.0)							(7/20)					
12/13 15:38:00 - 12/13 16:29:00	Fixed (-20.0, -279.0)							(8/20)					
12/13 16:56:30 - 12/13 17:23:24	Fixed (-20.0, -179.0)							(9/20)					
12/13 17:26:30 - 12/13 18:05:30	Fixed (-20.0, -79.0)							(10/20)					
12/13 19:03:00 - 12/13 19:42:30	Fixed (-20.0, 111.0)							(12/20)					
12/13 20:10:00 - 12/13 20:36:54	Fixed (-20.0, 211.0)							(13/20)					
12/13 20:40:00 - 12/13 21:20:00	Fixed (-20.0, 311.0)							(14/20)					
12/13 21:47:00 - 12/13 22:13:54	Fixed (-20.0, 411.0)							(15/20)					
12/13 22:17:00 - 12/13 22:57:00	Fixed (-20.0, 511.0)							(16/20)					
12/13 23:22:30 - 12/13 23:49:24	Fixed (-20.0, 611.0)							(17/20)					
12/13 23:52:30 - 12/14 00:34:30	Fixed (-20.0, 711.0)							(18/20)					
12/14 00:47:00 - 12/14 01:13:54	Fixed (-20.0, 811.0)							(19/20)					
12/14 01:17:00 - 12/14 01:43:54	Fixed (-20.0, 911.0)							(20/20)					
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
└─ Subr= 2 60-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	

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					
12/13 18:33:00 - 12/13 18:59:54	Fixed (-20.0, 11.0)							(11/20), synoptic					
12/14 06:02:30 - 12/14 06:09:24	Fixed (0.0, 0.0)							synoptic, shifted -0.5 min					
12/14 18:03:00 - 12/14 18:09:54	Fixed (0.0, 0.0)							synoptic					
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 #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 cad)													
Term	Pointing (x, y)							Comment					
12/14 02:18:00 - 12/14 05:59:24	Track (-19.0, -0.3) @ 12/14 02:00:00							HOP349 (disc center tracking), EIS sensitivity monitoring					
12/15 02:03:00 - 12/15 05:38:30	Fixed (0.0, 0.0)							HOP349 (fixed pointing)					
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	

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
12/14 06:12:30 - 12/14 17:59:54	Track (-164.3, 178.1) @ 12/14 06:09:30	AR observation
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 #1C1D: CME watch - 4x4 - AEC 2 - 2-filter (Be-thin, Al-poly) - G-band (1x1,1ms) - Leak (1x1,1ms) - 120s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
12/14 18:13:00 - 12/15 01:59:54	Track (-472.9, -41.2) @ 12/14 18:10:00	EIS QS and BP obs
PROG= 14 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 30-time(s) 120.0sec		
Seqn= 95 1-time(s) 2.0sec		
thin-Be/Open	med-Be/Open	close Safe Norm 4.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec
Seqn= 31 1-time(s) 2.0sec		
Al-poly/Open	thin-Be/Open	close Safe Norm 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #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
12/15 06:18:30 - 12/15 06:25:24	Fixed (0.0, 0.0)	synoptic, shifted 15.5 min
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 #1BBA: 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
12/15 06:28:30 - 12/15 10:39:30	Track (60.9, 180.5) @ 12/15 06:25:30	AR observation
PROG= 18 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 5-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= 96 4-time(s) 120.0sec		
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 2.0sec
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 2.0sec
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

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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
12/13 11:43:00 - 12/13 12:14:54	Fixed (-20.0, -979.0)	# OP start + 10min, HOP79 N-S scan (1/20)
12/13 12:18:00 - 12/13 12:44:54	Fixed (-20.0, -879.0)	(2/20)
12/13 12:48:00 - 12/13 13:14:54	Fixed (-20.0, -779.0)	(3/20)
12/13 13:18:00 - 12/13 13:44:54	Fixed (-20.0, -679.0)	(4/20)
12/13 13:48:00 - 12/13 14:14:54	Fixed (-20.0, -579.0)	(5/20)
12/13 14:18:00 - 12/13 14:55:30	Fixed (-20.0, -479.0)	(6/20)
12/13 15:08:00 - 12/13 15:34:54	Fixed (-20.0, -379.0)	(7/20)
12/13 15:38:00 - 12/13 16:29:00	Fixed (-20.0, -279.0)	(8/20)
12/13 16:56:30 - 12/13 17:23:24	Fixed (-20.0, -179.0)	(9/20)
12/13 17:26:30 - 12/13 18:05:30	Fixed (-20.0, -79.0)	(10/20)
12/13 19:03:00 - 12/13 19:42:30	Fixed (-20.0, 111.0)	(12/20)
12/13 20:10:00 - 12/13 20:36:54	Fixed (-20.0, 211.0)	(13/20)
12/13 20:40:00 - 12/13 21:20:00	Fixed (-20.0, 311.0)	(14/20)
12/13 21:47:00 - 12/13 22:13:54	Fixed (-20.0, 411.0)	(15/20)
12/13 22:17:00 - 12/13 22:57:00	Fixed (-20.0, 511.0)	(16/20)
12/13 23:22:30 - 12/13 23:49:24	Fixed (-20.0, 611.0)	(17/20)
12/13 23:52:30 - 12/14 00:34:30	Fixed (-20.0, 711.0)	(18/20)
12/14 00:47:00 - 12/14 01:13:54	Fixed (-20.0, 811.0)	(19/20)
12/14 01:17:00 - 12/14 01:43:54	Fixed (-20.0, 911.0)	(20/20)
12/14 02:18:00 - 12/14 05:59:24	Track (-19.0, -0.3) @ 12/14 02:00:00	HOP349 (disc center tracking), EIS sensitivity monitoring
12/14 06:12:30 - 12/14 17:59:54	Track (-164.3, 178.1) @ 12/14 06:09:30	AR observation
12/14 18:13:00 - 12/15 01:59:54	Track (-472.9, -41.2) @ 12/14 18:10:00	EIS QS and BP obs
12/15 02:03:00 - 12/15 05:38:30	Fixed (0.0, 0.0)	HOP349 (fixed pointing)
12/15 06:28:30 - 12/15 10:39:30	Track (60.9, 180.5) @ 12/15 06:25:30	AR observation

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	

* * * * *

Active Region Search

* * * * *

NOT USED

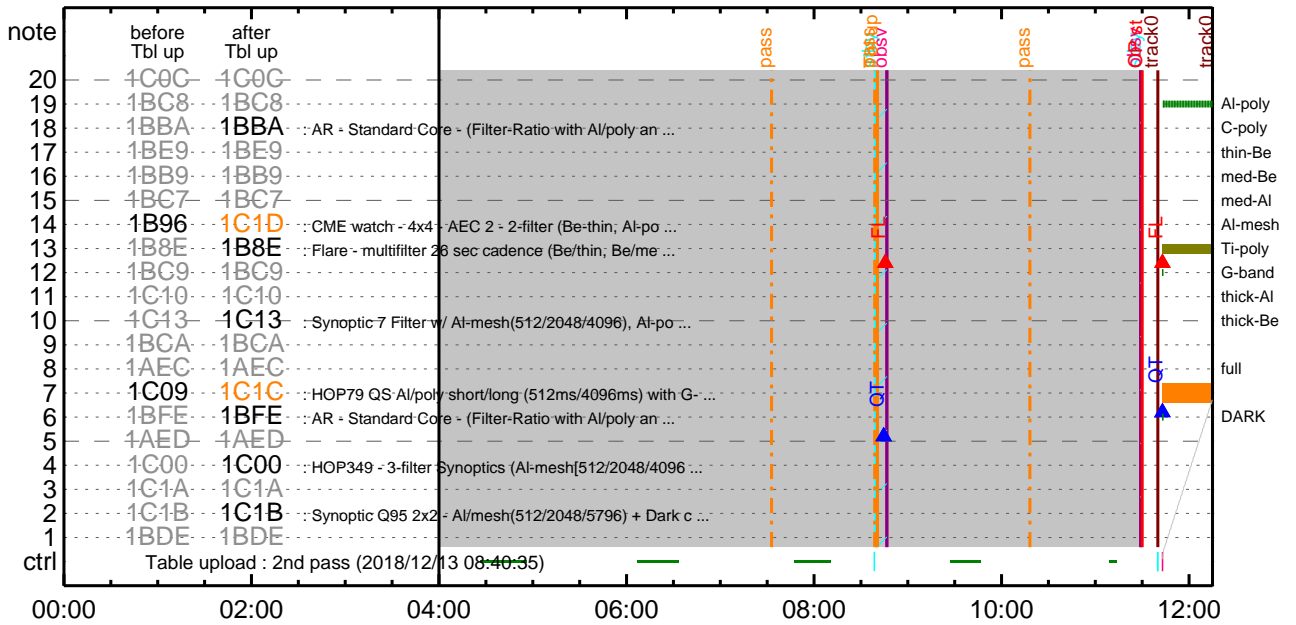
* * * * *

Flare Detection

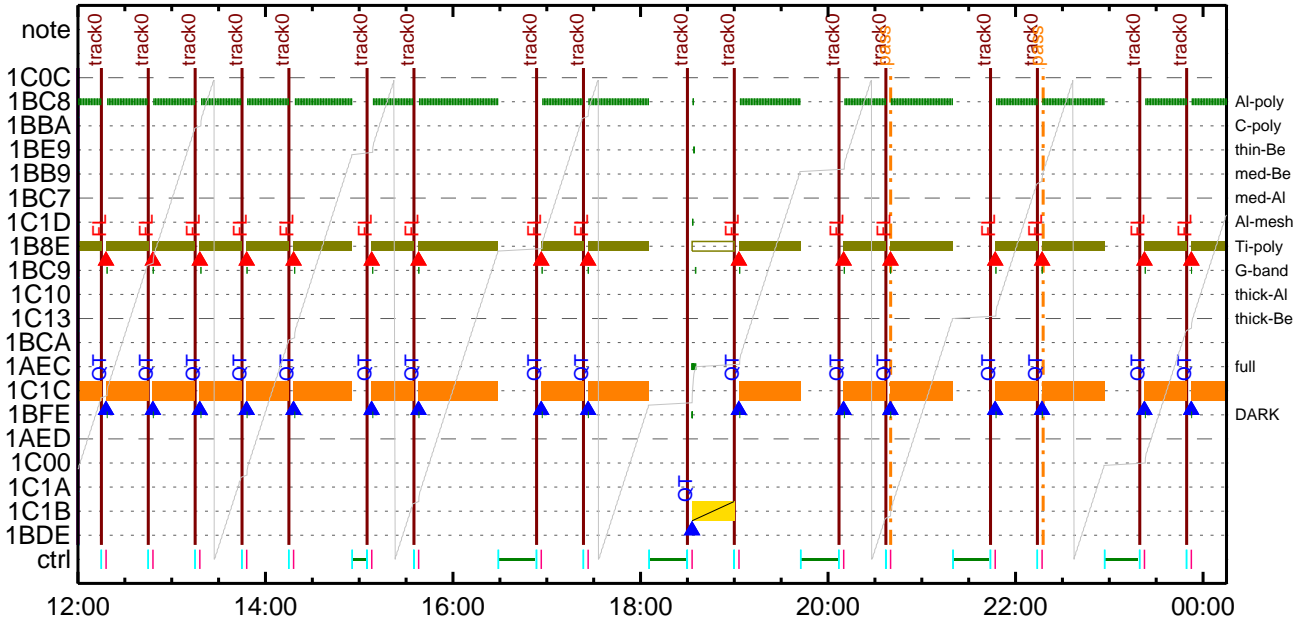
* * * * *

FLD Patrol												
Term	Pointing (x, y)							Comment				
12/13 19:00:18 - 12/14 05:59:48	Fixed (-20.0, 111.0) (12/20)											
12/14 06:09:48 - 12/14 18:00:18	Track (-164.3, 178.1) @ 12/14 06:09:30							AR observation				
12/14 18:10:18 - 12/15 06:15:48	Track (-472.9, -41.2) @ 12/14 18:10:00							EIS QS and BP obs				
12/15 06:25:48 - 12/18 11:10:00	Track (60.9, 180.5) @ 12/15 06:25:30							AR observation				
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	

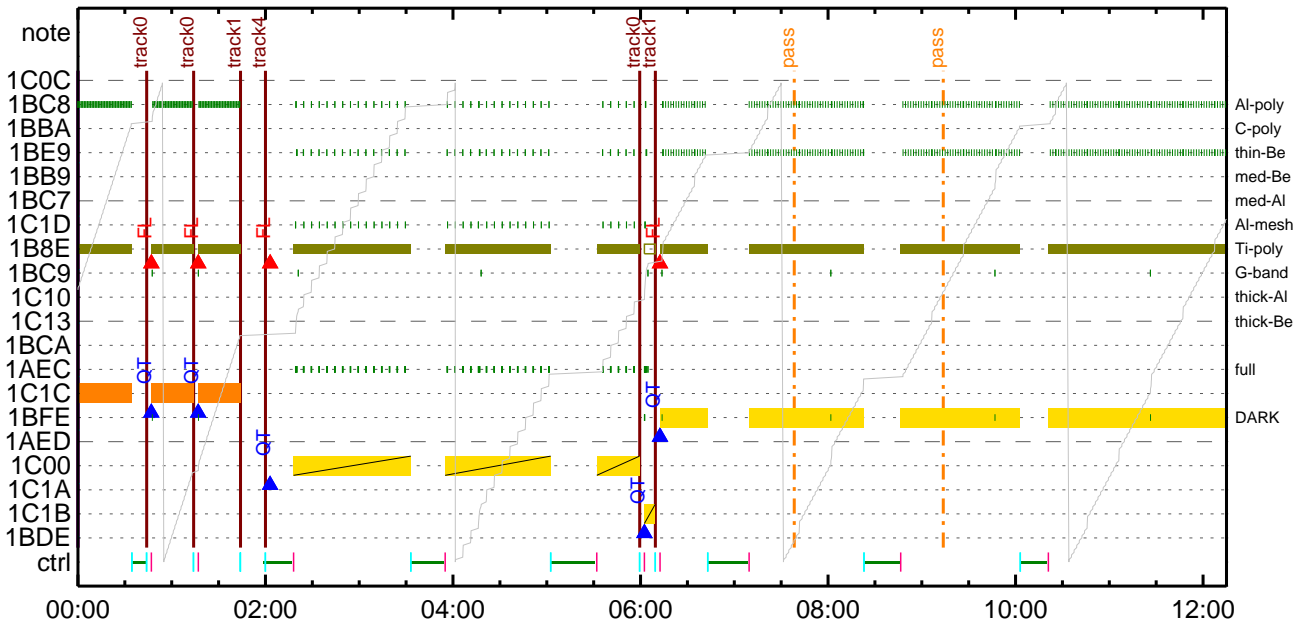
CMDI #0947 2018/12/13



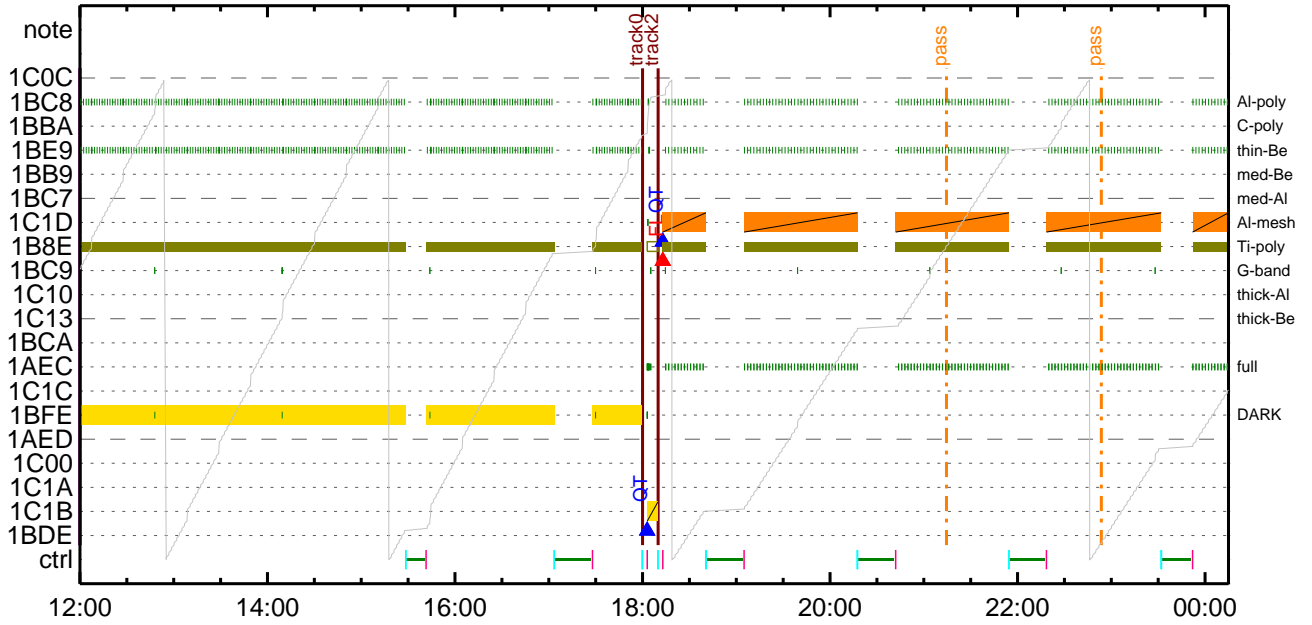
CMDI #0947 2018/12/13



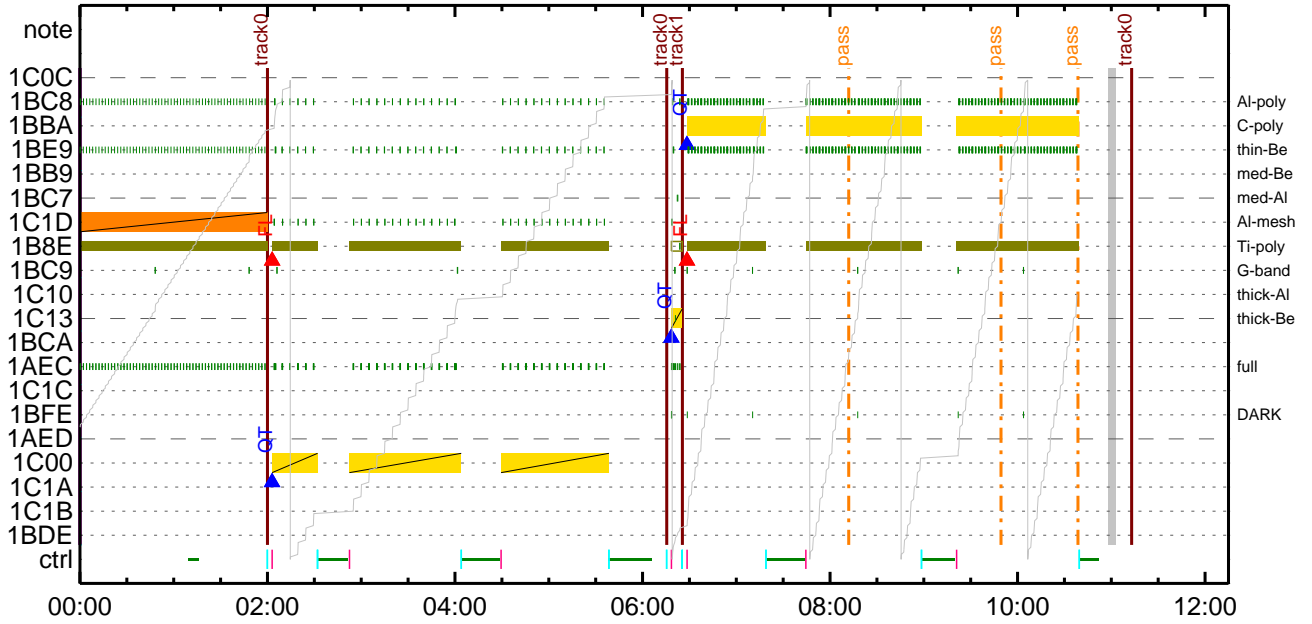
CMDI #0947 2018/12/14



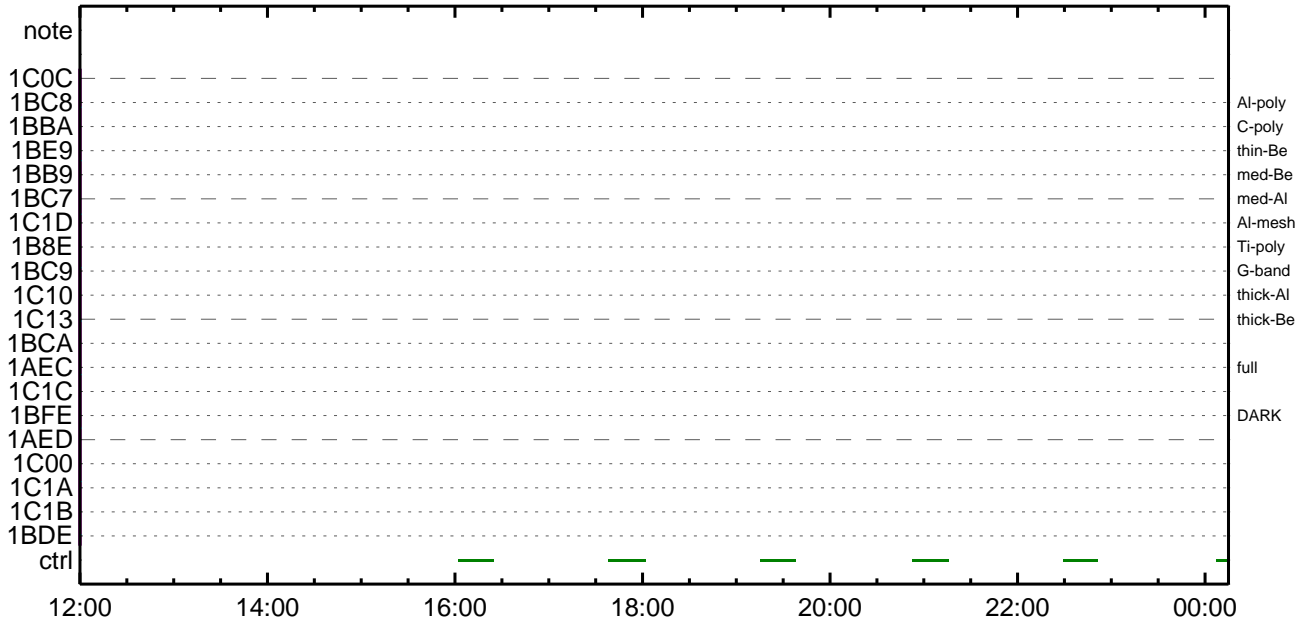
CMDI #0947 2018/12/14



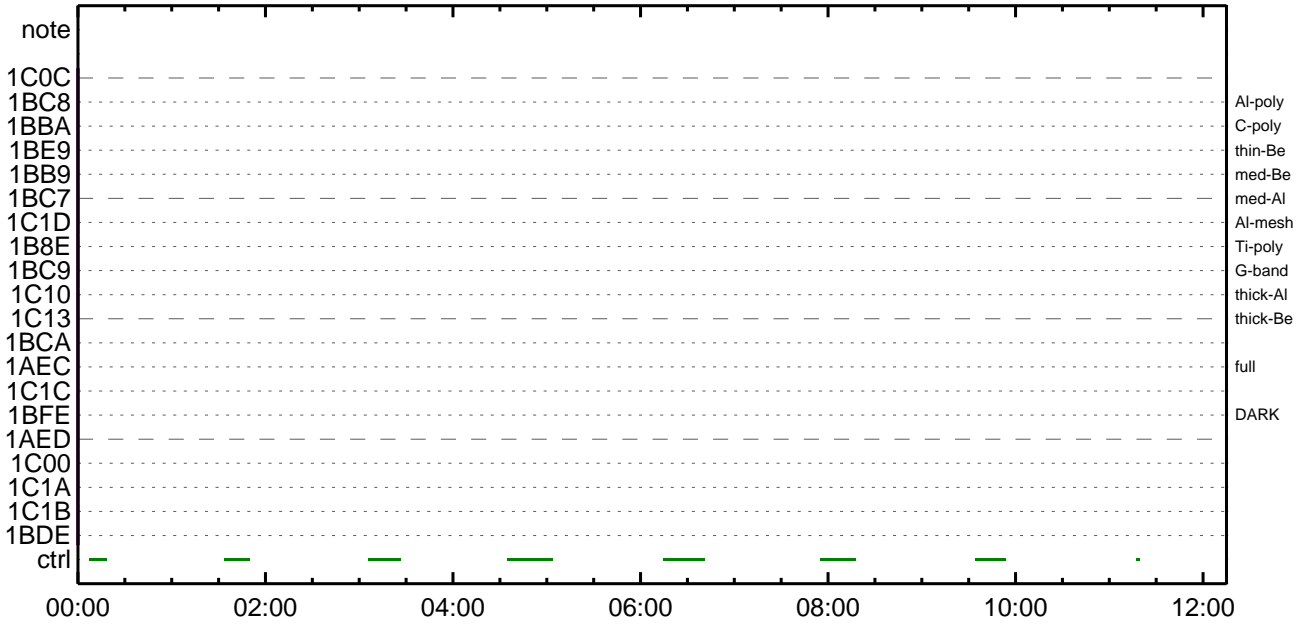
CMDI #0947 2018/12/15



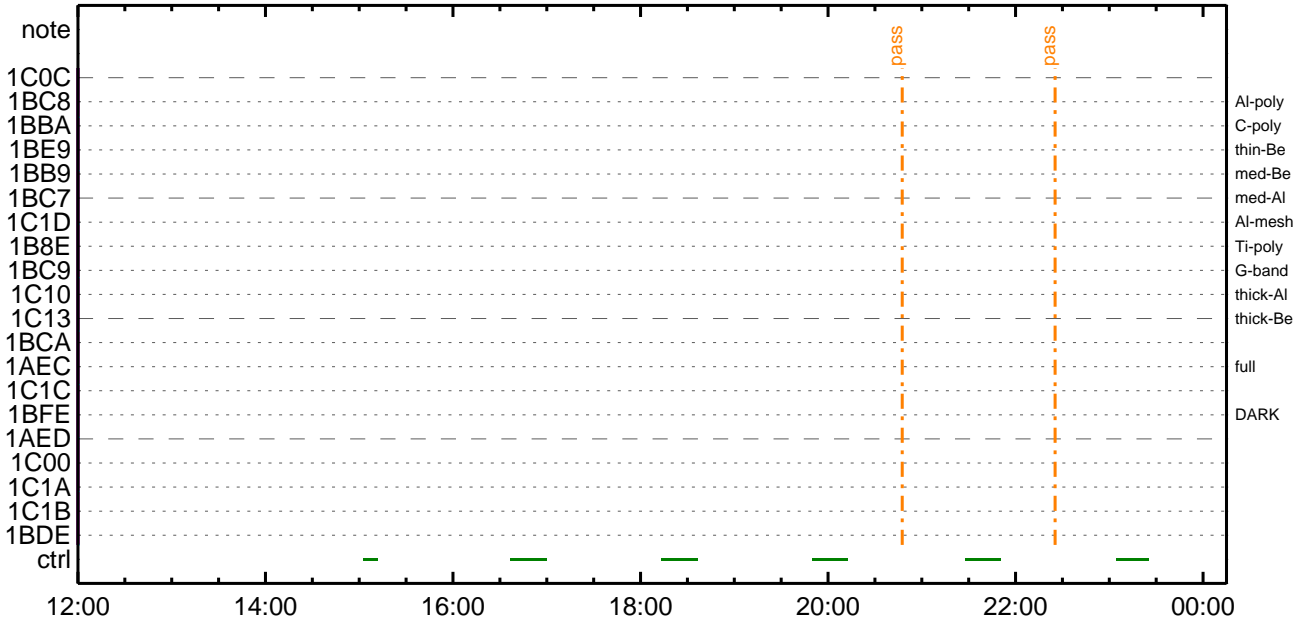
CMDI #0947 2018/12/15



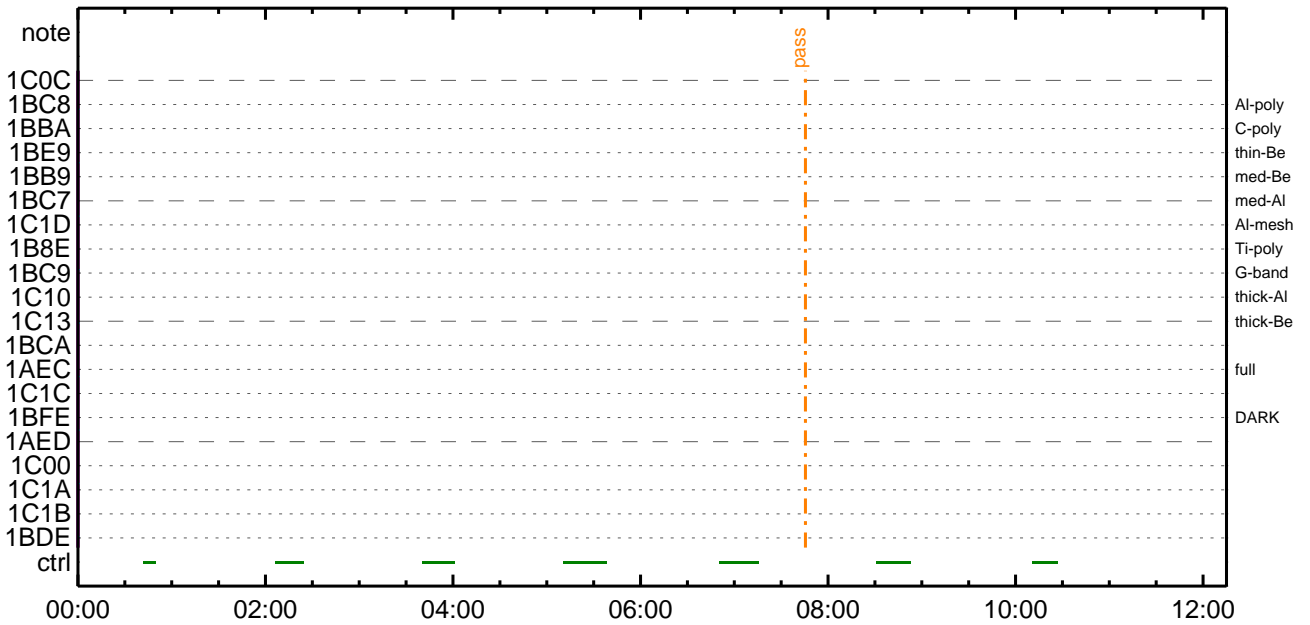
CMDI #0947 2018/12/16



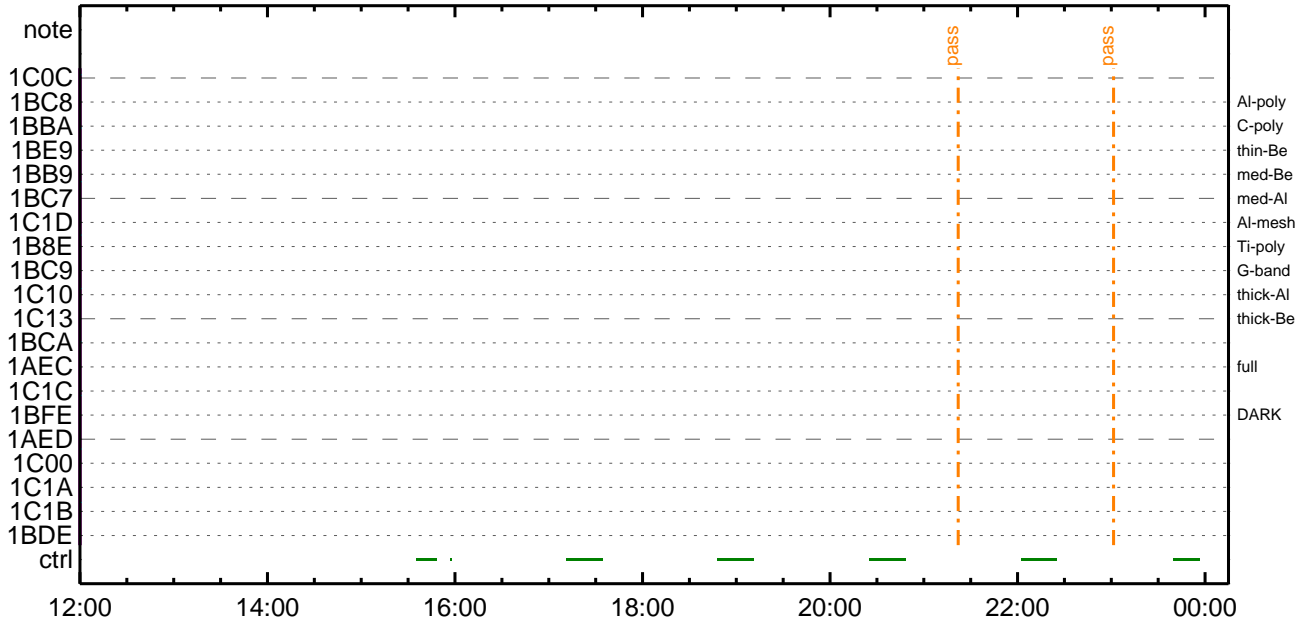
CMDI #0947 2018/12/16



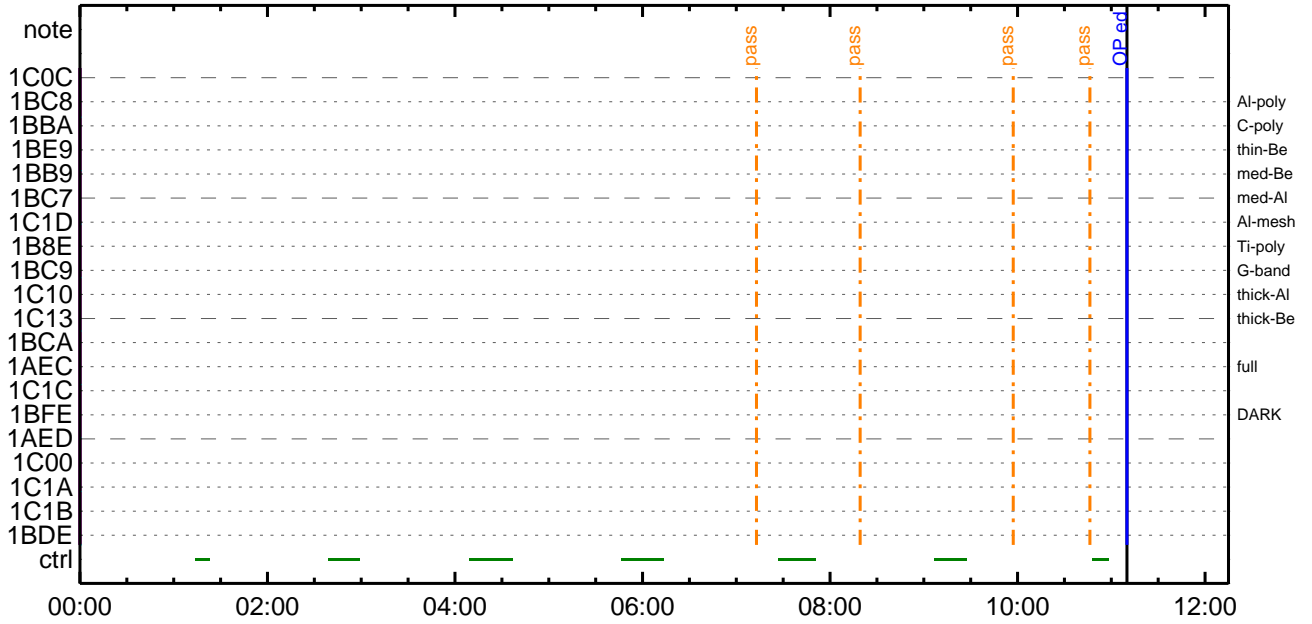
CMDI #0947 2018/12/17



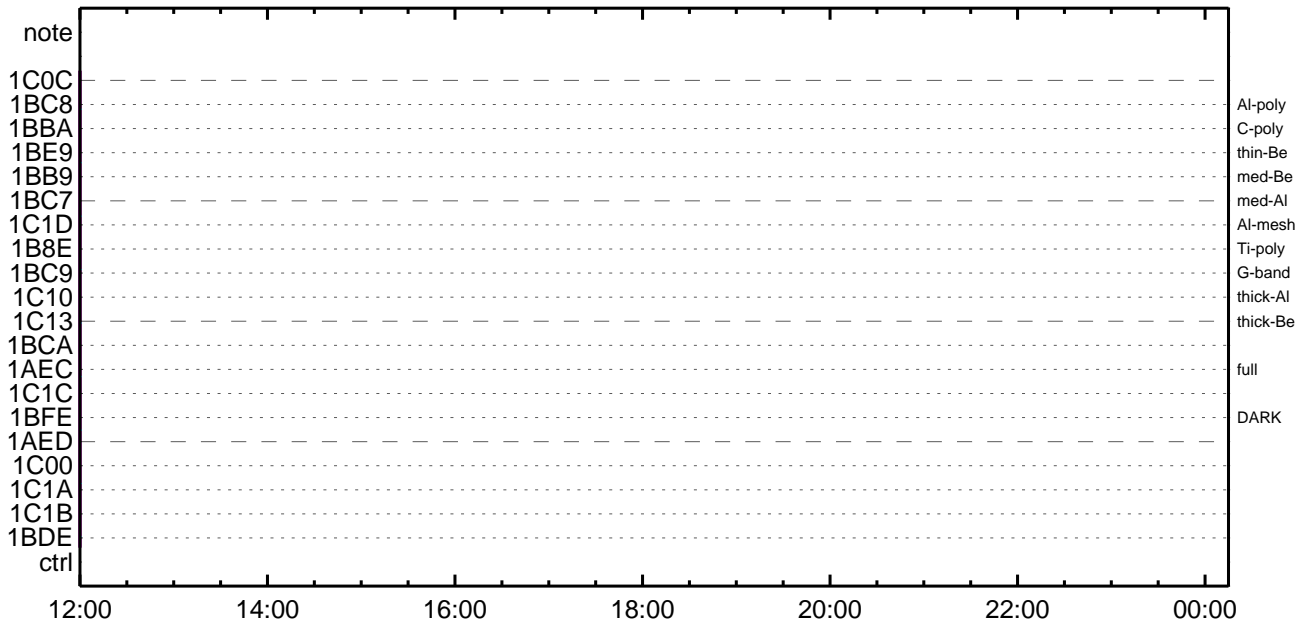
CMDI #0947 2018/12/17



CMDI #0947 2018/12/18



CMDI #0947 2018/12/18



0096 C. SET EDUMP I±°iYÑY¹aÇ¹Óa|a³aE;f

0097 C.

0098 C. TIY³YFYYÓYÉaDÁDÍ¿(UT)

0099 +. TI 2018-12-13 11:25:00.0

0100 DC 01-B3 DHU_OP_STOP

0101 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP

0102 C.

0103 +. TI 2018-12-13 11:25:01.0

0104 DC 01-B4 DHU_OP_COPY

0105 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP

0106 C.

0107 +. TI 2018-12-13 11:25:01.0

0108 DC 01-B5 DHU_OPOG_COPY

0109 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP

0110 C.

0111 +. TI 2018-12-13 11:29:59.5

0112 DC 01-B2 DHU_OP_START

0113 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP

0114 C.

0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÁY-¹àİÜ

0116 C. [] [HK1_TI_CMD_ENA/DIS] EQ ENA

0117 C. [] [HK1_TI_CMD_NUM] EQ 4

0118 C. [] [HK1_NEXT_EXEC_PIM] EQ DHU

0119 C. [] [HK1_NEXT_EXEC_DC] EQ 0xB3

0120 C.

0121 C. *****

0122 C. TIİİ°èYÀYÓY×

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. [] [HK1_DMP_TOP_ADRS_1] EQ 07

0129 C. [] [HK1_DMP_TOP_ADRS_0] EQ 2B

0130 C. [] [HK1_DMP_BLOCK_NUM] EQ 3

0131 C. [] [HK1_DMP_REPEAT_NUM] EQ 0

0132 C. [] [HK1_DMA_DMP_PIM] EQ DHU

0133 +. DC 01-22 DHU_MODE_CHNG

0134 BC (07 0b f8)

0135 C. [] [HK1_PKT_FORM_NO] EQ 7

0136 C. [] [HK1_PKT_GEN_TIME] EQ 0.25 s

0137 C. [] [HK1_S_TLM_BIT_RATE] EQ 32k

0138 C. [] [HK1_X_TLM_BIT_RATE] EQ 4M

0139 C. [] [HK1_DMP_CHK_FLG] EQ EXEC

0140 C.

0141 C. YÀYÓY×¼ªİ»aD³İÇ§

0142 C. [] [HK1_DMP_CHK_FLG] EQ NON

0143 C.

0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKaD³İÇ§

0145 C.

0146 C. DHUYâ;¼YÉ;È¼Y¼, Yİ;¼YÈ;ÈaDİãa¹

0147 +. DC 01-22 DHU_MODE_CHNG

0148 BC (02 0a f8)

0149 C. [] [HK1_PKT_FORM_NO] EQ 2

0150 C. [] [HK1_PKT_GEN_TIME] EQ 0.5S

0151 C. [] [HK1_S_TLM_BIT_RATE] EQ 32K

0152 C. [] [HK1_X_TLM_BIT_RATE] EQ 4M

0153 C.

0154 C. Stop EIS observation and temporarily disable EIS mode changes

0155 C.

0156 C.

0157 C. ***** Start EIS operation (TI set) *****

0158 C. Execute, after the success of OP upload.

0159 C. Set EIS TI-commands

0160 +. TI 2018-12-13 11:29:30.0

0161 DC 07-FC EIS_MODE_MANU

0162 BC (21 02)

0163 +. TI 2018-12-13 11:29:40.0

0164 DC 07-FC EIS_MODE_CHG_DIS

0165 BC (22)

0166 C. [] [HK1_TI_CMD_NUM] EQ 2 COUNTUP

0167 C. ***** End EIS operation (TI set) *****

0168 C.

0169 C.

0170 C.

0171 C. ***** XRT START *****

0172 C. Execute, after the success of OP upload.

0173 +. TI 2018-12-13 11:29:00.0

0174 DC 07-F0 MDP_XRT_MODE_STBY

0175 BC (c3)

0176 C. [] [HK1_TI_CMD_NUM] EQ 1COUNTUP

0177 C.

0178 C. ***** XRT END *****

0179 C.

0180 C. ***** MDP 'úÃîaİ»ö¼Y¼aÈÄa¹aèDCBC•x²è *****

0181 C. (%ã°İYÓYÁYÉYBYÉYÁYÇYèaE¼¼a¼Á»Üa¹aè)

0182 S. DC-BC dcbc-402:DCBC

0183 (MDP_known_event)

0184 C.

0185 C.

0186 C. ***** YDÿ¹.İ Daily±¿İÑaÈ'Øa¹aèDCBC•x²è *****

0187 S. DC-BC dcbc-153:DCBC

0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)

0189 C.

0190 C.

0191 C. ;ãLOS¥ÁY§YÁY-¼Á»Ü;ã

0192 C.

0193 C. ***** LOS *****


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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 C.
0130 C. ***** XRT START *****
0131 C.
0132 +. DC 07-F0 MDP_XRT_CTRL_MANU
0133 BC (c1)
0134 + DC 07-F0 MDP_XRT_MODE_STBY
0135 BC (c3)
0136 . C. ----- Success Verify ? OK / NG____
0137 C.
0138 C. XRT Obs. Table Upload
0139 . S. RAM ram-291:MDP_OBS_X
0140 ( )
0141 C.
0142 +. DC 07-F0 MDP_DUMP_XRTTBL
0143 BC (84 07 00 00 00 3a d4)
0144 . C. ----- Comparison Check ? OK / ERR ____
0145 C.
0146 C.
0147 +. DC 07-F0 MDP_XRT_ROI_SET
0148 BC (cd 01 b1 b1 04 04)
0149 + DC 07-F0 MDP_XRT_ROI_SET
0150 BC (cd 02 b1 b1 08 08)
0151 + DC 07-F0 MDP_XRT_ROI_SET
0152 BC (cd 03 b1 b1 08 08)
0153 + DC 07-F0 MDP_XRT_ROI_SET
0154 BC (cd 04 b1 b1 06 06)
0155 + DC 07-F0 MDP_XRT_ROI_SET
0156 BC (cd 06 85 83 06 06)
0157 + DC 07-F0 MDP_XRT_ROI_SET
0158 BC (cd 07 80 80 20 20)
0159 + DC 07-F0 MDP_XRT_ROI_SET
0160 BC (cd 08 80 80 20 08)
0161 + DC 07-F0 MDP_XRT_ROI_SET
0162 BC (cd 09 80 80 08 20)
0163 + DC 07-F0 MDP_XRT_ROI_SET
0164 BC (cd 0a 80 80 08 08)
0165 + DC 07-F0 MDP_XRT_ROI_SET
0166 BC (cd 0f 80 80 06 06)
0167 + DC 07-F0 MDP_XRT_ROI_SET
0168 BC (cd 10 80 80 08 08)
0169 + DC 07-F0 MDP_XRT_FLD_ENA
0170 BC (d8)
0171 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0172 BC (c8)
0173 + DC 07-F0 MDP_XRT_ARS_DIS
0174 BC (d5)
0175 + DC 07-F0 MDP_XRT_AEC_RESET
0176 BC (d0)
0177 + DC 07-F0 MDP_XRT_FLD_RESET
0178 BC (da)
0179 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0180 BC (c4 06)
0181 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0182 BC (c5 0d)
0183 . C. ----- Success Verify ? OK / NG ____
0184 C.
0185 C.
0186 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0187 C.
0188 +. DC 07-F0 MDP_XRT_MODE_OBSV
0189 BC (c2)
0190 +. TI 2018-12-13 11:29:02.0
0191 DC 07-F0 MDP_XRT_MODE_OBSV
0192 BC (c2)
0193 . C. ----- Success Verify ? OK / NG ____

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0194 C.
0195 C. ***** XRT END *****
0196 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0197 +. DC 07-FC EIS_MODE_CHG_ENA
0198 BC (20)
0199 . C. Verify EIS_MODE_CHG_FLG is ENA
0200 +. DC 07-FC EIS_MODE_MANU
0201 BC (21 02)
0202 . C. Verify EIS in MANUAL mode
0203 . C. Estimated OBSTBL upload time is 52s
0204 C. *****
0205 C. EIS START OBSTBL LOAD
0206 C. *****
0207 . S. RAM ram-820:EIS_OBSTBL
0208 ( )
0209 +. DC 07-FC EIS_DUMP_OBSTBL
0210 BC (07 07 07 00 00 70 00)
0211 C.
0212 C. Execute, after the success of OBSTBL upload.
0213 C. Set EIS TI-commands
0214 +. TI 2018-12-13 11:29:50.0
0215 DC 07-FC EIS_MODE_CHG_ENA
0216 BC (20)
0217 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0218 C. *****
0219 C. EIS END OBSTBL LOAD
0220 C. *****
0221 C.
0222 . C. ***** MDP 'uÃiãi»ö¼ŸãEÃã¹ãêDCBC•x²è *****
0223 C. (¼ã°iŸÔŸÃŸEŸpŸEŸãŸçŸëãE¼ã¼Ã»Û¹ãè)
0224 . S. DC-BC dcbc-402:DCBC
0225 (MDP_known_event)
0226 C.
0227 C.
0228 . C. ***** ŸDŸ¹.Ï Daily±;iÎãE'Ø¹ãêDCBC•x²è *****
0229 . S. DC-BC dcbc-153:DCBC
0230 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0231 C.
0232 C.
0233 . C. ;ãLOSŸÃŸSŸÃŸ-¼Ã»Û;ã
0234 C.
0235 . C. ***** LOS *****
0236 C.
```



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0096 C.
0097 C.
0098 C.
0099 . C. ***** MDP 'úÃîñî»ò¼ŷñÊÃĐñ¹ñèDCBC•x²è *****
0100 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ñ¼¼¼¼»Ûñ¹ñè)
0101 . S. DC-BC dcbc-402:DCBC
0102 (MDP_known_event)
0103 C.
0104 C.
0105 . C. ***** ŷĐŷ¹•Ï Daily±¿îÑñÊ´Øñ¹ñèDCBC•x²è *****
0106 . S. DC-BC dcbc-153:DCBC
0107 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0108 C.
0109 C.
0110 . C. ¡ãLOSŷÁŷŲŷÃŷ¬¼¼¼¼»Û¿¿
0111 C.
0112 . C. ***** LOS *****
0113 C.
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Dec 13, 18 12:02

XRT_OGLIST_0947.chk

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*** OP Sequence for XRT ***

2018/12/13	11:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	11:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	11:39:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/12/13	11:40:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 57 02 01 ca				
2018/12/13	11:40:18.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/12/13	11:40:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/12/13	11:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/12/13	11:40:24.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/12/13	11:42:54.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/13	11:42:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/12/13	11:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/12/13	11:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/13	12:14:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	12:14:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	12:14:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/12/13	12:15:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 4e 24 01 ca				
2018/12/13	12:15:18.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/12/13	12:15:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/12/13	12:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/12/13	12:15:24.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/12/13	12:17:54.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/13	12:17:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/12/13	12:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/12/13	12:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/13	12:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	12:44:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	12:44:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/12/13	12:45:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 45 3f 01 ca				
2018/12/13	12:45:18.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/12/13	12:45:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/12/13	12:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/12/13	12:45:24.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/12/13	12:47:54.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/13	12:47:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/12/13	12:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/12/13	12:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/13	13:14:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	13:14:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/13	13:14:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/12/13	13:15:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 3c 5a 01 ca				
2018/12/13	13:15:18.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/12/13	13:15:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/12/13	13:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/12/13	13:15:24.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/12/13	13:17:54.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/13	13:17:56.0	XRT_QT_PROG_SET_403_OG [0x193]							

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2018/12/13	13:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/12/13	13:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/13	13:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	13:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	13:44:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2018/12/13	13:45:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 33 74 01	ca
2018/12/13	13:45:18.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/12/13	13:45:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/12/13	13:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/12/13	13:45:24.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/12/13	13:47:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/13	13:47:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2018/12/13	13:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/12/13	13:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/13	14:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	14:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	14:14:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2018/12/13	14:15:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 2a 97 01	ca
2018/12/13	14:15:18.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/12/13	14:15:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/12/13	14:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/12/13	14:15:24.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/12/13	14:17:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/13	14:17:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2018/12/13	14:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/12/13	14:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/13	14:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	14:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	14:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/13	14:55:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/13	14:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/13	15:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	15:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	15:04:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2018/12/13	15:05:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 21 b2 01	ca
2018/12/13	15:05:18.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/12/13	15:05:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/12/13	15:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/12/13	15:05:24.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/12/13	15:07:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/13	15:07:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2018/12/13	15:07:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/12/13	15:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/13	15:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	15:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/13	15:34:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00

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2018/12/13	15:35:00.5	AOCS_ORe-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	00 18 cc 01 ca
2018/12/13	15:35:18.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/13	15:35:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/13	15:35:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/13	15:35:24.0	XRT_ARS_DIS_401_OG [0x191] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/13	15:37:54.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	15:37:56.0	XRT_QT_PROG_SET_403_OG [0x193] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2018/12/13	15:37:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/13	15:38:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	16:29:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	16:29:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	16:29:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	16:29:06.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	16:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	16:53:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	16:53:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	16:53:28.0	XRT_FOCUS_POSITION_435_OG [0x1b3] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/13	16:53:30.0	AOCS_ORe-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00 0f e7 01 ca
2018/12/13	16:53:48.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/13	16:53:50.0	XRT_FLRCTRL_ENA_449_OG [0x1c1] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/13	16:53:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/13	16:53:54.0	XRT_ARS_DIS_401_OG [0x191] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/13	16:56:24.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	16:56:26.0	XRT_QT_PROG_SET_403_OG [0x193] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2018/12/13	16:56:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/13	16:56:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	17:23:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	17:23:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	17:23:28.0	XRT_FOCUS_POSITION_435_OG [0x1b3] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/12/13	17:23:30.0	AOCS_ORe-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00 07 02 01 ca
2018/12/13	17:23:48.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/12/13	17:23:50.0	XRT_FLRCTRL_ENA_449_OG [0x1c1] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/12/13	17:23:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/12/13	17:23:54.0	XRT_ARS_DIS_401_OG [0x191] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/12/13	17:26:24.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	17:26:26.0	XRT_QT_PROG_SET_403_OG [0x193] MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2018/12/13	17:26:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/12/13	17:26:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/12/13	18:05:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	18:05:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	18:05:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/12/13	18:05:36.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/12/13	18:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/12/13	18:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	18:29:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/12/13	18:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/12/13	18:30:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]			

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2018/12/13	18:30:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00	ff	03	01	ca
		MDP_XRT_FLD_DIS		1	07-F0		d9			
2018/12/13	18:30:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		1	07-F0		c9			
		MDP_XRT_FLRCTRL_DIS		1	07-F0		c9			
2018/12/13	18:30:22.0	XRT_ARS_DIS_414_OG [0x19e]		1	07-F0		d5			
		MDP_XRT_ARS_DIS		1	07-F0		d5			
2018/12/13	18:32:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]		2	07-F0		c4	02		
		MDP_XRT_QT_PROG_SET		2	07-F0		c4	02		
2018/12/13	18:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0		c0			
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2018/12/13	18:59:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	18:59:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	18:59:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2018/12/13	19:00:00.0	AOCS_Ore-point_Start_12_OG [0x0a2]		5	02-76	00	f6	25	01	ca
		AOCU_NM		5	02-76	00	f6	25	01	ca
2018/12/13	19:00:18.0	XRT_FLD_ENA_446_OG [0x1be]		1	07-F0		d8			
		MDP_XRT_FLD_ENA		1	07-F0		d8			
2018/12/13	19:00:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]		1	07-F0		c8			
		MDP_XRT_FLRCTRL_ENA		1	07-F0		c8			
2018/12/13	19:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0		d0			
		MDP_XRT_AEC_RESET		1	07-F0		d0			
2018/12/13	19:00:24.0	XRT_ARS_DIS_401_OG [0x191]		1	07-F0		d5			
		MDP_XRT_ARS_DIS		1	07-F0		d5			
2018/12/13	19:02:54.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0		da			
		MDP_XRT_FLD_RESET		1	07-F0		da			
2018/12/13	19:02:56.0	XRT_QT_PROG_SET_403_OG [0x193]		2	07-F0		c4	07		
		MDP_XRT_QT_PROG_SET		2	07-F0		c4	07		
2018/12/13	19:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0		c5	0d		
		MDP_XRT_FL_PROG_SET		2	07-F0		c5	0d		
2018/12/13	19:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0		c0			
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2018/12/13	19:42:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	19:42:32.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	19:42:34.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0		da			
		MDP_XRT_FLD_RESET		1	07-F0		da			
2018/12/13	19:42:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]		1	07-F0		e8			
		MDP_XRT_PREFLR_STRT		1	07-F0		e8			
2018/12/13	19:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0		e9			
		MDP_XRT_PREFLR_STOP		1	07-F0		e9			
2018/12/13	20:06:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	20:06:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	20:06:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2018/12/13	20:07:00.0	AOCS_Ore-point_Start_13_OG [0x0a3]		5	02-76	00	ed	40	01	ca
		AOCU_NM		5	02-76	00	ed	40	01	ca
2018/12/13	20:07:18.0	XRT_FLD_ENA_446_OG [0x1be]		1	07-F0		d8			
		MDP_XRT_FLD_ENA		1	07-F0		d8			
2018/12/13	20:07:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]		1	07-F0		c8			
		MDP_XRT_FLRCTRL_ENA		1	07-F0		c8			
2018/12/13	20:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0		d0			
		MDP_XRT_AEC_RESET		1	07-F0		d0			
2018/12/13	20:07:24.0	XRT_ARS_DIS_401_OG [0x191]		1	07-F0		d5			
		MDP_XRT_ARS_DIS		1	07-F0		d5			
2018/12/13	20:09:54.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0		da			
		MDP_XRT_FLD_RESET		1	07-F0		da			
2018/12/13	20:09:56.0	XRT_QT_PROG_SET_403_OG [0x193]		2	07-F0		c4	07		
		MDP_XRT_QT_PROG_SET		2	07-F0		c4	07		
2018/12/13	20:09:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0		c5	0d		
		MDP_XRT_FL_PROG_SET		2	07-F0		c5	0d		
2018/12/13	20:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0		c0			
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			
2018/12/13	20:36:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	20:36:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0		c1			
		MDP_XRT_CTRL_MANU		1	07-F0		c1			
2018/12/13	20:36:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2018/12/13	20:37:00.0	AOCS_Ore-point_Start_14_OG [0x0a4]		5	02-76	00	e4	5b	01	ca
		AOCU_NM		5	02-76	00	e4	5b	01	ca
2018/12/13	20:37:18.0	XRT_FLD_ENA_446_OG [0x1be]		1	07-F0		d8			
		MDP_XRT_FLD_ENA		1	07-F0		d8			
2018/12/13	20:37:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]		1	07-F0		c8			
		MDP_XRT_FLRCTRL_ENA		1	07-F0		c8			
2018/12/13	20:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0		d0			
		MDP_XRT_AEC_RESET		1	07-F0		d0			
2018/12/13	20:37:24.0	XRT_ARS_DIS_401_OG [0x191]		1	07-F0		d5			
		MDP_XRT_ARS_DIS		1	07-F0		d5			
2018/12/13	20:39:54.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0		da			
		MDP_XRT_FLD_RESET		1	07-F0		da			
2018/12/13	20:39:56.0	XRT_QT_PROG_SET_403_OG [0x193]		2	07-F0		c4	07		
		MDP_XRT_QT_PROG_SET		2	07-F0		c4	07		
2018/12/13	20:39:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0		c5	0d		
		MDP_XRT_FL_PROG_SET		2	07-F0		c5	0d		
2018/12/13	20:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0		c0			
		MDP_XRT_CTRL_AUTO		1	07-F0		c0			

2018/12/13	21:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	21:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	21:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/13	21:20:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/12/13	21:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/12/13	21:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	21:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	21:43:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/12/13	21:44:00.0	AOCS_OrE-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 db 75 01 ca		
2018/12/13	21:44:18.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/12/13	21:44:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/12/13	21:44:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/12/13	21:44:24.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/12/13	21:46:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/13	21:46:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2018/12/13	21:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/12/13	21:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/12/13	22:13:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	22:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	22:13:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/12/13	22:14:00.0	AOCS_OrE-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 d2 98 01 ca		
2018/12/13	22:14:18.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/12/13	22:14:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/12/13	22:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/12/13	22:14:24.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/12/13	22:16:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/13	22:16:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2018/12/13	22:16:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/12/13	22:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/12/13	22:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	22:57:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	22:57:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/13	22:57:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/12/13	23:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/12/13	23:19:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	23:19:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	23:19:28.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/12/13	23:19:30.0	AOCS_OrE-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 c9 b3 01 ca		
2018/12/13	23:19:48.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/12/13	23:19:50.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/12/13	23:19:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/12/13	23:19:54.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/12/13	23:22:24.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/13	23:22:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2018/12/13	23:22:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/12/13	23:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/12/13	23:49:24.0	XRT_CTRL_MANU_402_OG [0x192]						

2018/12/13	23:49:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	23:49:28.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/13	23:49:30.0	AOCS_ORe-point_Start_18_OG [0x0a8]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2018/12/13	23:49:48.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	c0	cd 01 ca
2018/12/13	23:49:50.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/12/13	23:49:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/12/13	23:49:54.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/12/13	23:52:24.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/12/13	23:52:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/13	23:52:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07	
2018/12/13	23:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/12/14	00:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/12/14	00:34:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	00:34:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	00:34:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/14	00:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/12/14	00:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/12/14	00:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	00:43:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	00:44:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2018/12/14	00:44:18.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	b7	e8 01 ca
2018/12/14	00:44:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/12/14	00:44:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/12/14	00:44:24.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/12/14	00:46:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/12/14	00:46:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/14	00:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07	
2018/12/14	00:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/12/14	01:13:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/12/14	01:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	01:13:58.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	01:14:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2018/12/14	01:14:18.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	af	03 01 ca
2018/12/14	01:14:20.0	XRT_FLRCTRL_ENA_449_OG [0x1c1]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/12/14	01:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/12/14	01:14:24.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/12/14	01:16:54.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/12/14	01:16:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/12/14	01:16:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07	
2018/12/14	01:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/12/14	01:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/12/14	01:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	01:44:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	01	00	00 00 00
2018/12/14	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/12/14	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
		XRT_FOCUS_POSITION	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00

2018/12/14	02:00:00.0	AOCS_Or-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	04	00	00	00	00
2018/12/14	02:00:18.0	XRT_FLD_ENA_407_OG [0x197]	MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/12/14	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/12/14	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/12/14	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/12/14	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0		da			
2018/12/14	02:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4		04		
2018/12/14	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5		0d		
2018/12/14	02:17:00.0	XRT_Custom_430_OG [0x1ae]								
2018/12/14	02:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/12/14	03:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	03:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	03:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da			
2018/12/14	03:33:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2018/12/14	03:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2018/12/14	03:54:00.0	XRT_Custom_430_OG [0x1ae]								
2018/12/14	03:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/12/14	05:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	05:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	05:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da			
2018/12/14	05:02:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2018/12/14	05:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2018/12/14	05:31:00.5	XRT_Custom_430_OG [0x1ae]								
2018/12/14	05:32:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/12/14	05:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	05:59:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	05:59:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/12/14	05:59:30.0	AOCS_Or-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00	00	00	00	00
2018/12/14	05:59:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0		d9			
2018/12/14	05:59:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2018/12/14	05:59:52.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/12/14	06:02:28.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4		02		
2018/12/14	06:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/12/14	06:09:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	06:09:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	06:09:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/12/14	06:09:30.0	AOCS_Or-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	01	00	00	00	00
2018/12/14	06:09:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/12/14	06:09:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/12/14	06:09:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/12/14	06:09:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/12/14	06:09:56.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0		da			
2018/12/14	06:12:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4		06		
2018/12/14	06:12:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5		0d		
2018/12/14	06:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/12/14	06:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	06:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/12/14	06:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da			

2018/12/14	06:43:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	06:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	07:08:30.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	07:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	08:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	08:23:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	08:23:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	08:23:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	08:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	08:45:30.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	08:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	10:03:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	10:03:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	10:03:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	10:03:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	10:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	10:20:00.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	10:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	15:28:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	15:28:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	15:28:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	15:28:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	15:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	15:40:30.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	15:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	17:03:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	17:03:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	17:03:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	17:03:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	17:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	17:27:00.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	17:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/12/14	18:00:00.0	AOCS_Ore-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/12/14	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/12/14	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/12/14	18:00:22.0	XRT_ARS_DIS_414_OG [0x19e]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/12/14	18:02:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2018/12/14	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	18:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/12/14	18:10:00.0	AOCS_Ore-point_Start_24_OG [0x0ae]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2018/12/14	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/12/14	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/12/14	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/12/14	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

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2018/12/14	18:10:26.0	XRT_FLD_RESET_432_OG [0x1b0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	18:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2018/12/14	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/12/14	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	18:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	18:40:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	18:40:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	18:40:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	18:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	19:04:00.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	19:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	20:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	20:17:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	20:17:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	20:17:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	20:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	20:41:00.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	20:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	21:54:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	21:54:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	21:54:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	21:54:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	21:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	22:17:30.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	22:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/14	23:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	23:32:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/14	23:32:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/14	23:32:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/14	23:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/14	23:51:00.0	XRT_Custom_430_OG [0x1ae]							
2018/12/14	23:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/15	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/15	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/15	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/12/15	02:00:00.0	AOCS_OrE-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	00	00	00	00	00
2018/12/15	02:00:18.0	XRT_FLD_ENA_407_OG [0x197]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/12/15	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/12/15	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/12/15	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/12/15	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/15	02:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2018/12/15	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/12/15	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/15	02:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/15	02:32:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/15	02:32:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/15	02:32:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/15	02:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

2018/12/15	02:51:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/15	02:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/12/15	04:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/15	04:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	04:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	04:04:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/15	04:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/15	04:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/15	04:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/12/15	05:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/15	05:38:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	05:38:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	05:38:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/15	05:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/15	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/15	06:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	06:15:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	06:15:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/12/15	06:15:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/12/15	06:15:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/12/15	06:15:52.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/12/15	06:18:28.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/12/15	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2018/12/15	06:25:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/15	06:25:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	06:25:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	06:25:30.0	AOCS_ORe-point_Start_21_OG [0x0ab]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/12/15	06:25:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 00 00 00 00	
2018/12/15	06:25:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/12/15	06:25:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/12/15	06:25:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/12/15	06:25:56.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/12/15	06:28:26.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/15	06:28:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2018/12/15	06:28:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/12/15	07:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/15	07:19:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	07:19:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	07:19:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/15	07:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/15	07:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/12/15	07:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/12/15	08:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/12/15	08:58:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	08:58:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/12/15	08:58:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/12/15	09:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/12/15	09:20:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

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2018/12/15	09:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/12/15	10:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/15	10:39:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/12/15	10:39:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/12/15	10:39:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/12/15	10:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/12/15	11:13:00.0	AOCS_OrE-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	00 00 00 00 00				