

XRT Timeline to be uploaded on 2018/03/13

Period: 2018/03/13 10:40:00 - 2018/03/17 10:51:00

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Normal mode

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XOB #1BE2: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band+Leak - 90min cad) +

Term	Pointing (x, y)	Comment
03/13 10:53:00 - 03/13 12:59:54	Fixed (0.0, 0.0)	# OP start + 10min. HOP 349 disk center.
03/14 19:33:00 - 03/14 22:10:00	Fixed (0.0, 0.0)	# HOP 349 at disk center.

PROG= 07 Inf.-time(s)

Subr= 1	1-time(s)	300.0sec
Seqn= 1	1-time(s)	2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 99	1-time(s)	2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 33	1-time(s)	2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 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 #1BE5: HOP266 - CH plumes - Al/Poly(4096ms) - Thin-Be(11571ms) 6s cadence - AEC0 + G-band 1ms + Darks - 1x1 - FOV 256

Term	Pointing (x, y)	Comment
03/13 13:03:00 - 03/13 18:59:54	Track (170.1, 278.6) ^{Ⓢ 03/13 13:00:00}	# HOP 266 - CH with DST.
03/14 12:47:00 - 03/14 18:56:00	Track (379.0, 270.3) ^{Ⓢ 03/14 12:44:00}	# HOP 266 - CH with DST.

PROG= 17 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	250-time(s)	2.0sec
Seqn= 97	1-time(s)	2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 4.00s Obs 1x1 256x256 (1064, 1048) Q=95 0 0 2.0sec
Subr= 3	2-time(s)	2.0sec
Seqn= 83	1-time(s)	2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 11.3s Obs 1x1 256x256 (1064, 1048) Q=95 0 0 2.0sec

Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1BB4: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) +

Term	Pointing (x, y)	Comment
03/13 19:03:00 - 03/13 19:09:54	Fixed (0.0, 0.0)	synoptic, shifted.
03/14 06:20:30 - 03/14 06:59:00	Fixed (-20.0, 14.0)	# 11/20 + XRT synoptic, shifted a little.
03/14 19:23:00 - 03/14 19:29:54	Fixed (0.0, 0.0)	synoptic, shifted.
03/15 06:34:30 - 03/15 06:41:24	Fixed (0.0, 0.0)	synoptic, shifted 31.5 min

PROG= 15 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= 1	1-time(s)	2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 99	1-time(s)	2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec

Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
03/13 19:14:32 - 03/13 22:28:54	Track (722.9, -123.4) @ 03/13 19:10:00	# AR 12699.
03/14 22:33:00 - 03/15 06:31:24	Track (855.8, -149.6) @ 03/14 22:30:00	# AR 12699 observations.
03/15 06:44:30 - 03/15 09:14:30	Track (884.4, -158.1) @ 03/15 06:41:30	# AR obs.

PROG= 03 Inf.-time(s)

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

XOB #1B94: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 180s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
03/13 22:32:00 - 03/13 23:12:30	Fixed (-20.0, -976.0)	# HOP 79 1/20
03/13 23:37:00 - 03/14 00:03:54	Fixed (-20.0, -876.0)	# 2/20
03/14 00:07:00 - 03/14 00:49:30	Fixed (-20.0, -776.0)	# 3/20
03/14 01:01:00 - 03/14 01:27:54	Fixed (-20.0, -676.0)	# 4/20
03/14 01:31:00 - 03/14 02:12:30	Fixed (-20.0, -576.0)	# 5/20
03/14 02:36:00 - 03/14 03:02:54	Fixed (-20.0, -476.0)	# 6/20
03/14 03:06:00 - 03/14 03:47:30	Fixed (-20.0, -376.0)	# 7/20
03/14 04:13:00 - 03/14 04:39:54	Fixed (-20.0, -276.0)	# 8/20
03/14 04:43:00 - 03/14 05:18:30	Fixed (-20.0, -176.0)	# 9/20
03/14 05:50:30 - 03/14 06:17:24	Fixed (-20.0, -76.0)	# 10/20

PROG= 01 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 20-time(s) 180.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BB7: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
03/14 07:28:00 - 03/14 07:54:54	Fixed (-20.0, 114.0)	# 12/20
03/14 07:58:00 - 03/14 08:39:00	Fixed (-20.0, 214.0)	# 13/20
03/14 09:04:30 - 03/14 09:31:24	Fixed (-20.0, 314.0)	# 14/20
03/14 09:34:30 - 03/14 10:19:30	Fixed (-20.0, 414.0)	# 15/20
03/14 10:37:30 - 03/14 11:04:24	Fixed (-20.0, 514.0)	# 16/20
03/14 11:07:30 - 03/14 11:34:24	Fixed (-20.0, 614.0)	# 17/20
03/14 11:37:30 - 03/14 12:04:24	Fixed (-20.0, 714.0)	# 18/20
03/14 12:07:30 - 03/14 12:34:24	Fixed (-20.0, 814.0)	# 19/20
03/14 12:37:30 - 03/14 12:43:54	Fixed (-20.0, 914.0)	# 20/20

PROG= 05 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 20-time(s) 360.0sec													
└─ Seqn= 60 1-time(s) 2.0sec													
┌─	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
┌─	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
┌─	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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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				
	03/13 10:53:00 - 03/13 12:59:54	Fixed (0.0, 0.0)							# OP start + 10min. HOP 349 disk center.				
	03/13 19:14:32 - 03/13 22:28:54	Track (722.9, -123.4) @ 03/13 19:10:00							# AR 12699.				
	03/13 22:32:00 - 03/13 23:12:30	Fixed (-20.0, -976.0)							# HOP 79 1/20				
	03/13 23:37:00 - 03/14 00:03:54	Fixed (-20.0, -876.0)							# 2/20				
	03/14 00:07:00 - 03/14 00:49:30	Fixed (-20.0, -776.0)							# 3/20				
	03/14 01:01:00 - 03/14 01:27:54	Fixed (-20.0, -676.0)							# 4/20				
	03/14 01:31:00 - 03/14 02:12:30	Fixed (-20.0, -576.0)							# 5/20				
	03/14 02:36:00 - 03/14 03:02:54	Fixed (-20.0, -476.0)							# 6/20				
	03/14 03:06:00 - 03/14 03:47:30	Fixed (-20.0, -376.0)							# 7/20				
	03/14 04:13:00 - 03/14 04:39:54	Fixed (-20.0, -276.0)							# 8/20				
	03/14 04:43:00 - 03/14 05:18:30	Fixed (-20.0, -176.0)							# 9/20				
	03/14 05:50:30 - 03/14 06:17:24	Fixed (-20.0, -76.0)							# 10/20				
	03/14 07:28:00 - 03/14 07:54:54	Fixed (-20.0, 114.0)							# 12/20				
	03/14 07:58:00 - 03/14 08:39:00	Fixed (-20.0, 214.0)							# 13/20				
	03/14 09:04:30 - 03/14 09:31:24	Fixed (-20.0, 314.0)							# 14/20				
	03/14 09:34:30 - 03/14 10:19:30	Fixed (-20.0, 414.0)							# 15/20				
	03/14 10:37:30 - 03/14 11:04:24	Fixed (-20.0, 514.0)							# 16/20				
	03/14 11:07:30 - 03/14 11:34:24	Fixed (-20.0, 614.0)							# 17/20				
	03/14 11:37:30 - 03/14 12:04:24	Fixed (-20.0, 714.0)							# 18/20				
	03/14 12:07:30 - 03/14 12:34:24	Fixed (-20.0, 814.0)							# 19/20				
	03/14 12:37:30 - 03/14 12:43:54	Fixed (-20.0, 914.0)							# 20/20				
	03/14 19:33:00 - 03/14 22:10:00	Fixed (0.0, 0.0)							# HOP 349 at disk center.				
	03/14 22:33:00 - 03/15 06:31:24	Track (855.8, -149.6) @ 03/14 22:30:00							# AR 12699 observations.				
	03/15 06:44:30 - 03/15 09:14:30	Track (884.4, -158.1) @ 03/15 06:41:30							# 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

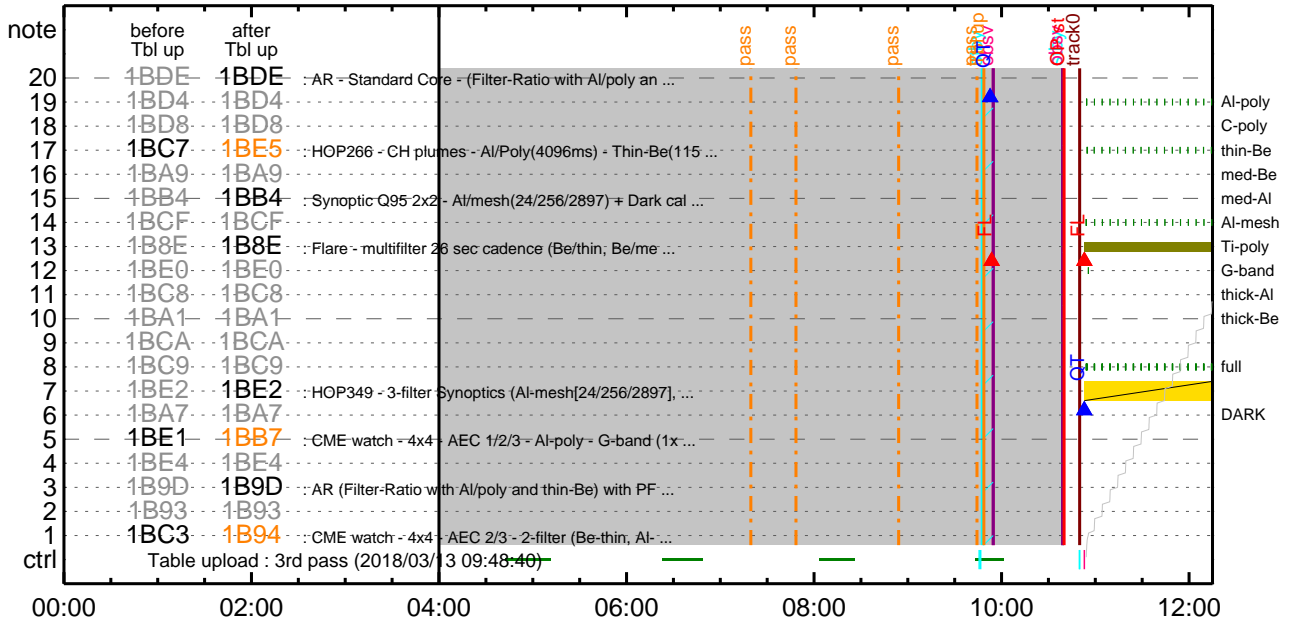
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Flare Detection

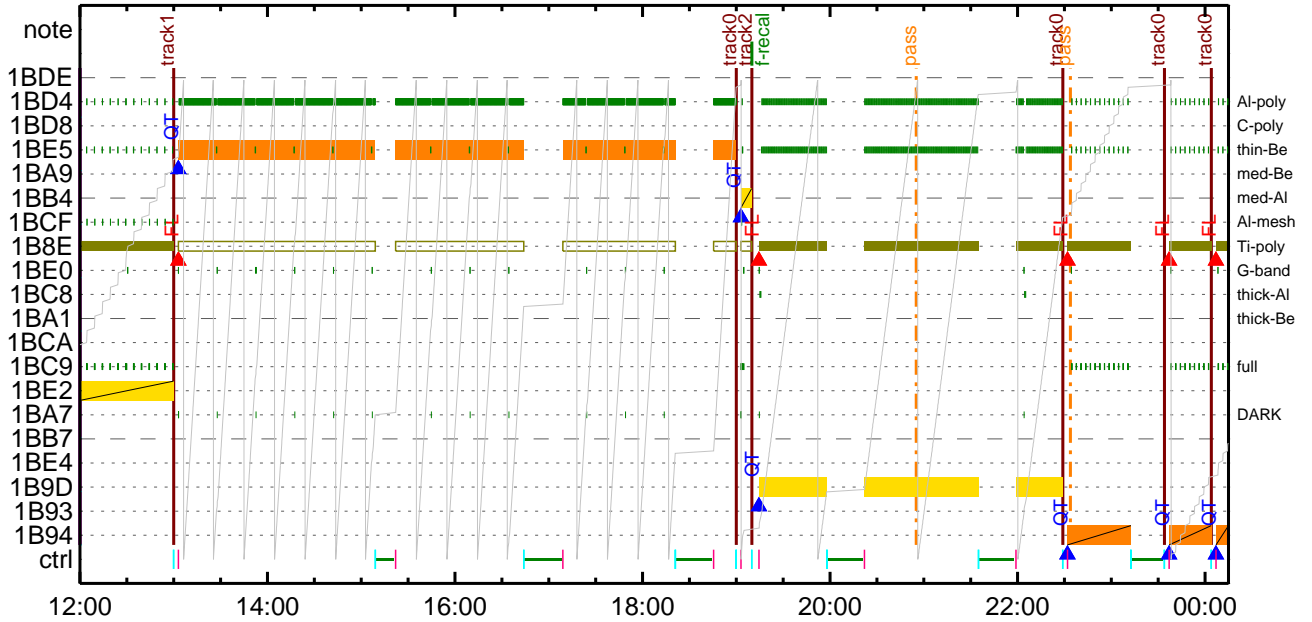
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FLD Patrol													
	Term	Pointing (x, y)							Comment				
	03/13 19:14:18 - 03/14 06:17:48	Track (722.9, -123.4) @ 03/13 19:10:00							# AR 12699.				
	03/14 07:25:18 - 03/14 12:44:18	Fixed (-20.0, 114.0)							# 12/20				
	03/14 19:30:18 - 03/15 06:31:48	Fixed (0.0, 0.0)							# HOP 349 at disk center.				
	03/15 06:41:48 - 03/17 10:51:00	Track (884.4, -158.1) @ 03/15 06:41:30							# 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	

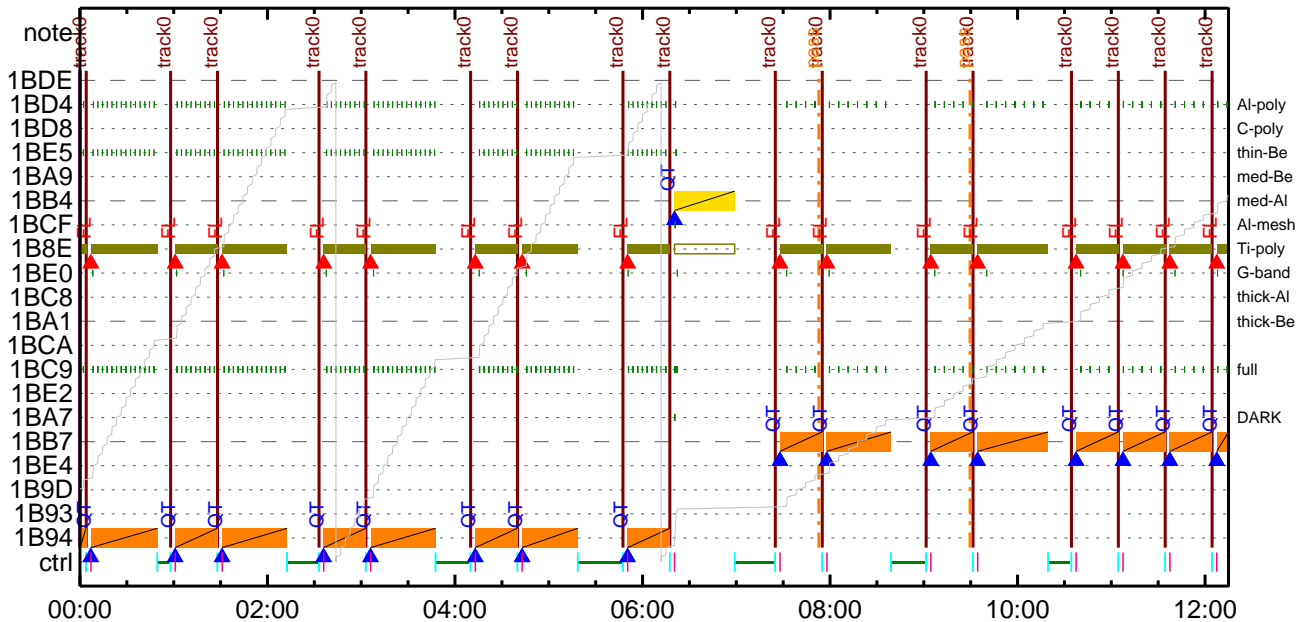
CMDI #0367 2018/03/13



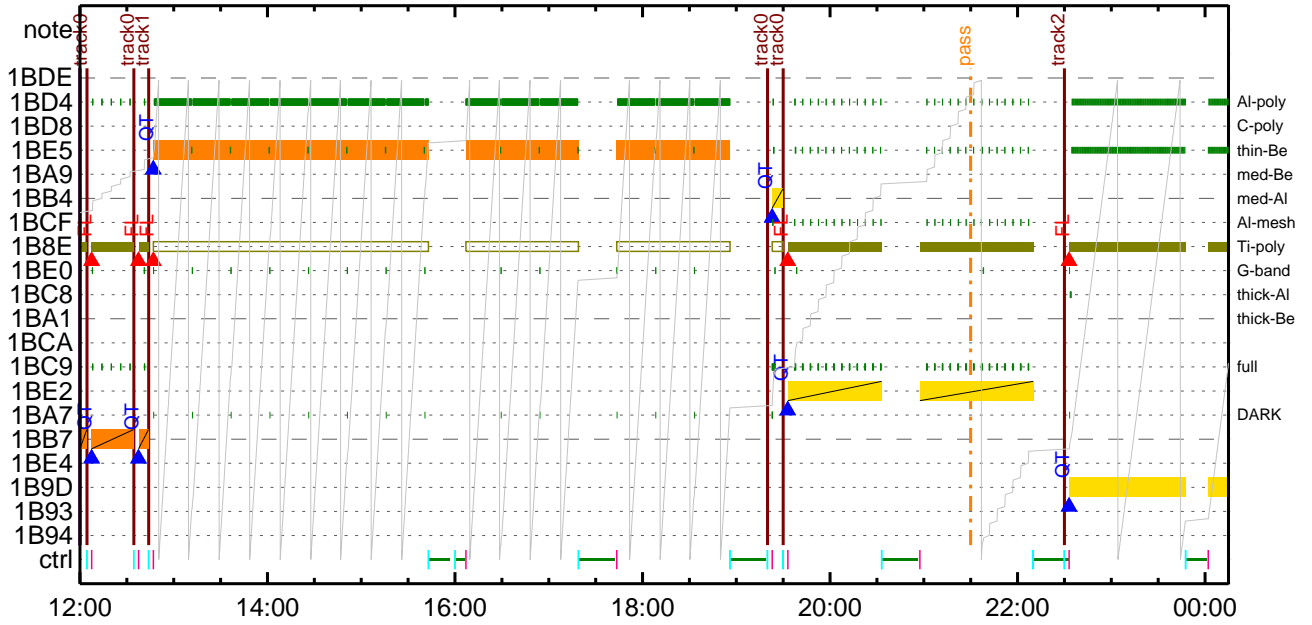
CMDI #0367 2018/03/13



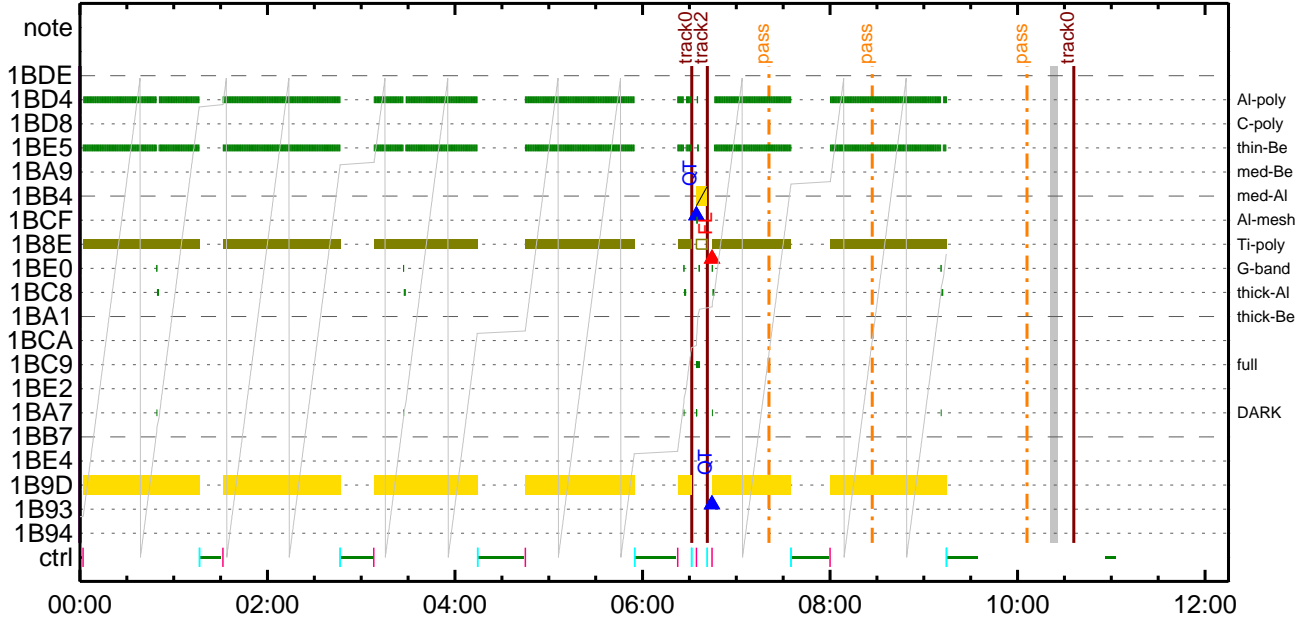
CMDI #0367 2018/03/14



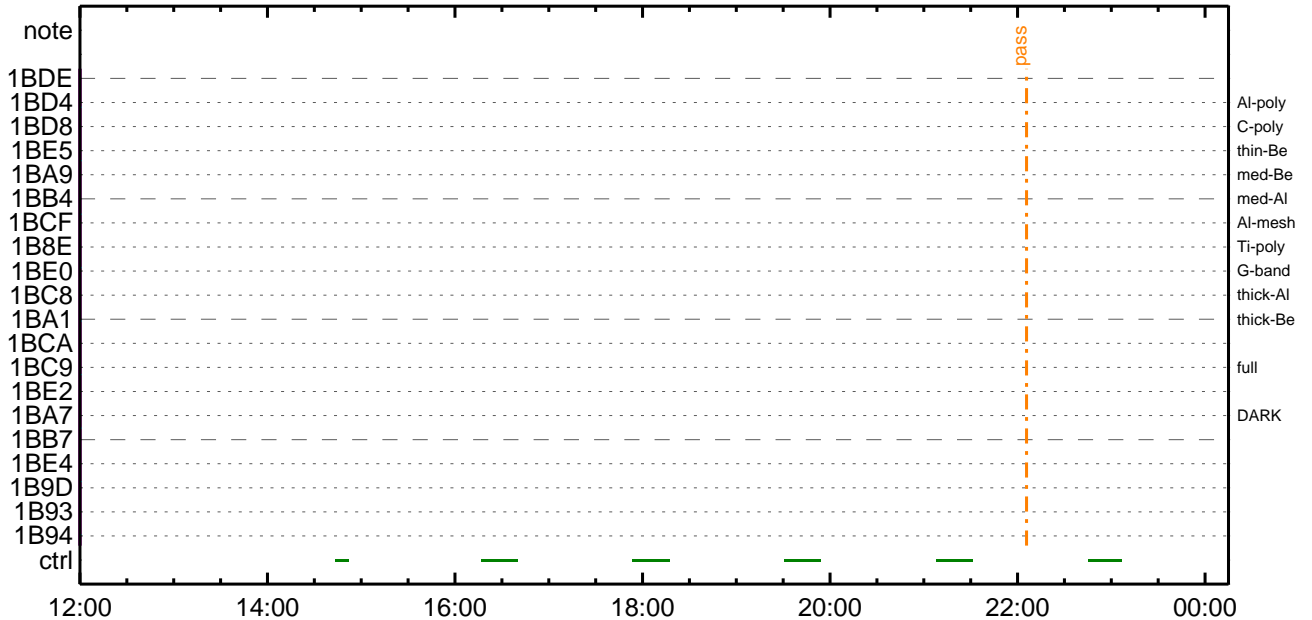
CMDI #0367 2018/03/14



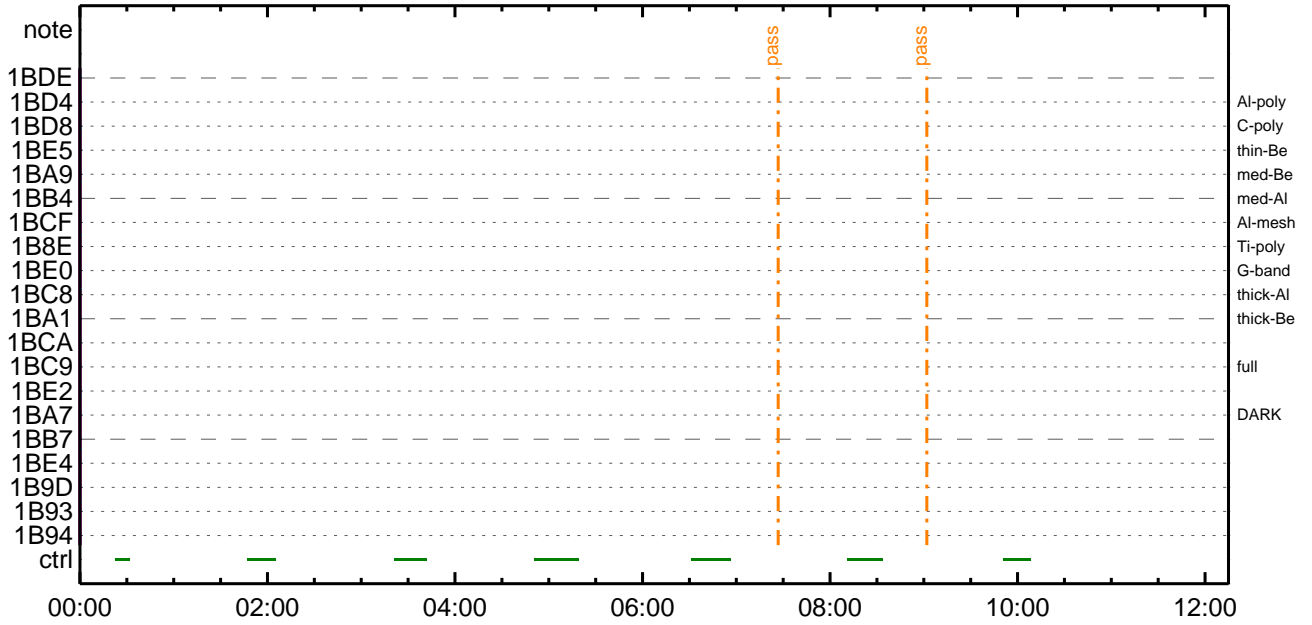
CMDI #0367 2018/03/15



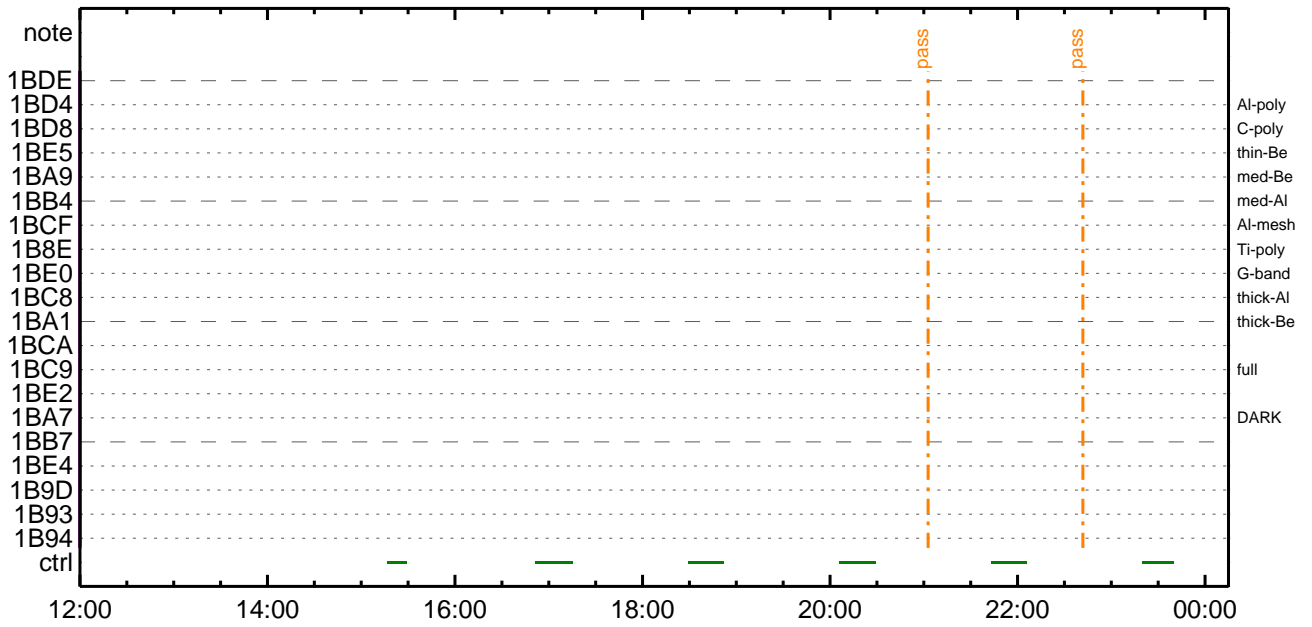
CMDI #0367 2018/03/15



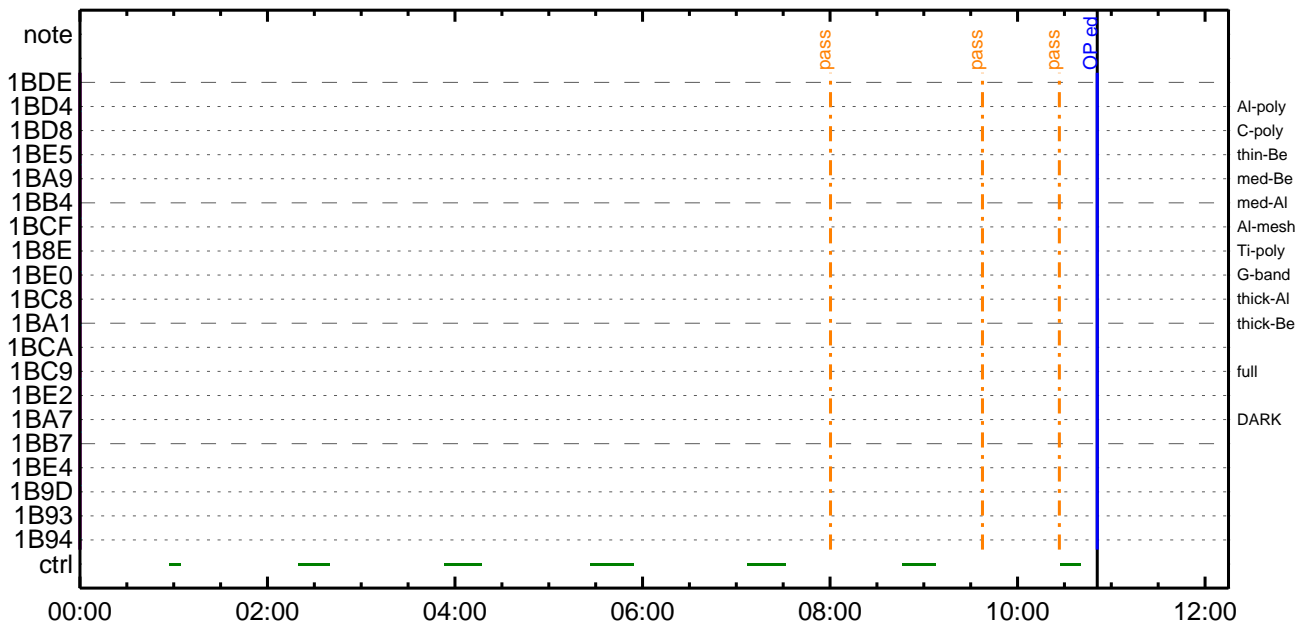
CMDI #0367 2018/03/16



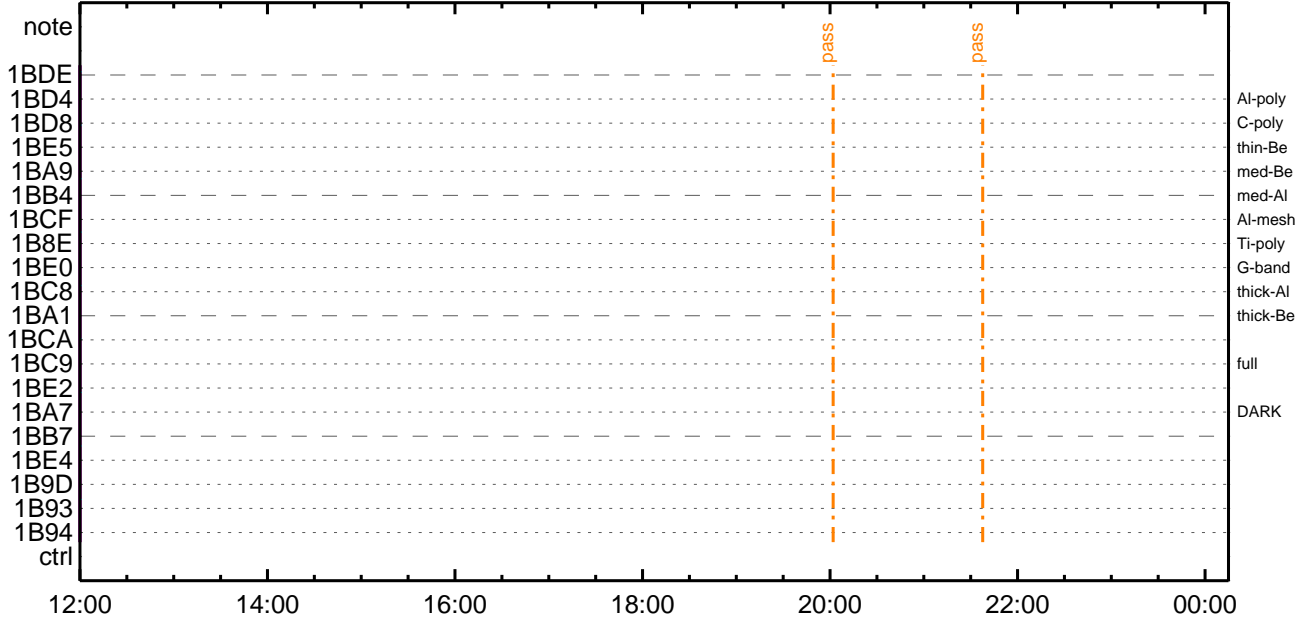
CMDI #0367 2018/03/16



CMDI #0367 2018/03/17



CMDI #0367 2018/03/17




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0096 C.                0303;çSET0EDUMP01Æ±°iYÑY¹0Ç¹Ô0|0³0E;£
0097 C.
0098 . C. TIY³YFÿÓYÉ00ðÄDİ¿(UT)
0099 +. TI 2018-03-13 10:35:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0102 C.
0103 +. TI 2018-03-13 10:35:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0106 C.
0107 +. TI 2018-03-13 10:35:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0110 C.
0111 +. TI 2018-03-13 10:39:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0114 C.
0115 C.                °Ê²¼0İÄê%îÍÑ0İYÁY$YÁY-¹àİÜ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]            EQ        ENA
0117 C.                çç[HK1_TI_CMD_NUM]              EQ        4
0118 C.                çç[HK1_NEXT_EXEC_PIM]            EQ        DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]            EQ        0xB3
0120 C.
0121 . C. *****
0122 C. TIİİî°èYÀYÓY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC                (03 ab 03 01 02)
0128 C.                çç[HK1_DMP_TOP_ADRS_1]            EQ        07
0129 C.                çç[HK1_DMP_TOP_ADRS_0]            EQ        2B
0130 C.                çç[HK1_DMP_BLOCK_NUM]            EQ        3
0131 C.                çç[HK1_DMP_REPEAT_NUM]           EQ        0
0132 C.                çç[HK1_DMA_DMP_PIM]              EQ        DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC                (07 0b f8)
0135 C.                çç[HK1_PKT_FORM_NO]              EQ        7
0136 C.                çç[HK1_PKT_GEN_TIME]             EQ        0.25 s
0137 C.                çç[HK1_S_TLM_BIT_RATE]           EQ        32k
0138 C.                çç[HK1_X_TLM_BIT_RATE]          EQ        4M
0139 C.                çç[HK1_DMP_CHK_FLG]             EQ        EXEC
0140 C.
0141 . C. YÀYÓY×½ªİ»0ð³İÇ$
0142 C.                çç[HK1_DMP_CHK_FLG]             EQ        NON
0143 C.
0144 . C. RAM ID=TI_TBL0İ%È¹Ç•ê²İOK0ð³İÇ$
0145 C.
0146 . C. DHUYâ;¼YÉ;Ê¼Y½;Yİ;¼YÈ;Ë0ðİá0¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC                (02 0a f8)
0149 C.                çç[HK1_PKT_FORM_NO]              EQ        2
0150 C.                çç[HK1_PKT_GEN_TIME]             EQ        0.5S
0151 C.                çç[HK1_S_TLM_BIT_RATE]           EQ        32K
0152 C.                çç[HK1_X_TLM_BIT_RATE]          EQ        4M
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2018-03-13 10:39:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC                (41)
0161 . C. -----
0162 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0163 C. -----
0164 C. ***** SOT END *****
0165 C.
0166 C. ***** XRT START *****
0167 C. Execute, after the success of OP upload.
0168 +. TI 2018-03-13 10:39:00.0
0169 DC 07-F0 MDP_XRT_MODE_STBY
0170 BC                (c3)
0171 . C.                [ ] [HK1_TI_CMD_NUM]            EQ        1COUNTUP
0172 C.
0173 C. ***** XRT END *****
0174 C.
0175 . C. ***** MDP `ûÄİ0İ»0¼Y0ÈÄ0¹0èDCBC•x²è *****
0176 C. (%â°İYÓYÁYÈYbYÈYáYçYè0E¼00¼Ä»Ü0¹0è)
0177 . S. DC-BC dcbc-402:DCBC
0178 (MDP_known_event)
0179 C.
0180 C.
0181 . C. ***** YDÿ¹•İ Daily±¿İÑ0È`00¹0èDCBC•x²è *****
0182 . S. DC-BC dcbc-153:DCBC
0183 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0184 C.
0185 C.
0186 . C. ;ãLOSYÁY$YÁY-¼Ä»Ü;ã
0187 C.
0188 . C. ***** LOS *****
0189 C.

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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 STATUS] 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 AOCS DUMP 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. ***** AOCS Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 + DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 895110.9 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 C.
0139 . C. ***** MDP 'ûÃîñî»ô%ÿñÊÄð¹ñèDCBC•x²è *****
0140 C. (%â°îÿÔÿÃÿÊÿPÿËÿÿáÿçÿèñÈ%¼ñ¼Ã»Ûñ¹ñè)
0141 . S. DC-BC dcbc-402:DCBC
0142 (MDP_known_event)
0143 C.
0144 C.
0145 . C. ***** ÿDÿ¹.Ï Daily±;îÑñË´Øñ¹ñèDCBC•x²è *****
0146 . S. DC-BC dcbc-153:DCBC
0147 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0148 C.
0149 C.
0150 . C. ;ãLOSÿÁÿSÿÿÃÿ~¼Ã»Û;ã
0151 C.
0152 . C. ***** LOS *****
0153 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-236 2018-03-13 13:46:33 136 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. ÁíÊ¿òÀò•µ°Æ»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÉÈèµ•ííÉ;ÈòÈ¼°ÇÒò•ò¿¼í¹çòÍ;çÀ®, ùò¹òèòòòçÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-283:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2018-03-13 10:39:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ( )
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 05 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 06 85 83 06 06)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 07 80 80 20 20)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 08 80 80 08 08)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 09 85 83 04 04)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0a 80 80 20 08)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0b 80 80 08 20)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0c 85 83 08 08)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 0f 80 80 06 06)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 10 80 80 08 08)
0094 +. DC 07-F0 MDP_XRT_FLD_ENA
0095 BC (d8)
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```
0096 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0097 BC (c8)
0098 + DC 07-F0 MDP_XRT_ARS_DIS
0099 BC (d5)
0100 + DC 07-F0 MDP_XRT_AEC_RESET
0101 BC (d0)
0102 + DC 07-F0 MDP_XRT_FLD_RESET
0103 BC (da)
0104 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0105 BC (c4 14)
0106 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0107 BC (c5 0d)
0108 . C. ----- Success Verify ? OK / NG ____
0109 C.
0110 C.
0111 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0112 C.
0113 +. DC 07-F0 MDP_XRT_MODE_OBSV
0114 BC (c2)
0115 +. TI 2018-03-13 10:39:02.0
0116 DC 07-F0 MDP_XRT_MODE_OBSV
0117 BC (c2)
0118 . C. ----- Success Verify ? OK / NG ____
0119 C.
0120 C. ***** XRT END *****
0121 C.
0122 . C. ***** MDP 'úÃîñî»ö¼ÝñÊÃðñ¹ñèDCBC•x²è *****
0123 C. (%ã°îÿÓÿÄÿÈÿÞÿËÿÀÿÇÿÈñ¼ññ¼Ã»Ûñ¹ñè)
0124 . S. DC-BC dcbc-402:DCBC
0125 (MDP_known_event)
0126 C.
0127 C.
0128 . C. ***** ÿÐÿ¹•Ï Daily±¿ÎññË´Øñ¹ñèDCBC•x²è *****
0129 . S. DC-BC dcbc-153:DCBC
0130 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0131 C.
0132 C.
0133 . C. ;ãLOSÿÃÿ§ÿÄÿÿ-¼Ã»Û;ã
0134 C.
0135 . C. ***** LOS *****
0136 C.
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XRT_OGLIST_0367.chk

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*** OP Sequence for XRT ***

2018/03/13	10:49:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	10:49:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	10:49:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/03/13	10:50:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2018/03/13	10:50:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/03/13	10:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/03/13	10:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/03/13	10:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/13	10:50:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/13	10:52:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2018/03/13	10:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/03/13	10:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/13	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	12:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/03/13	13:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2018/03/13	13:00:18.0	XRT_FLD_DIS_414_OG [0x19e]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/03/13	13:00:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/03/13	13:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/13	13:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2018/03/13	13:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/03/13	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/13	15:09:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	15:09:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	15:09:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/13	15:09:06.0	XRT_PREFLR_STRT_406_OG [0x196]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/03/13	15:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/03/13	15:21:00.0	XRT_Custom_430_OG [0x1ae]					
2018/03/13	15:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/13	16:44:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	16:44:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	16:44:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/13	16:44:06.0	XRT_PREFLR_STRT_406_OG [0x196]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/03/13	16:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/03/13	17:08:00.0	XRT_Custom_430_OG [0x1ae]					
2018/03/13	17:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/13	18:21:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	18:21:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	18:21:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/13	18:21:06.0	XRT_PREFLR_STRT_406_OG [0x196]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/03/13	18:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/03/13	18:44:30.5	XRT_Custom_430_OG [0x1ae]					
2018/03/13	18:45:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/13	18:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	18:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/13	18:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/03/13	19:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 00 00 00 00		

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2018/03/13	19:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/03/13	19:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/03/13	19:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/03/13	19:02:58.0	XRT_QT_PROG_SET_404_OG [0x194]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2018/03/13	19:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/03/13	19:09:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	19:09:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	19:09:58.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]						
		XRT_FOCUS_RECAL	2	07-F8	78	00		
2018/03/13	19:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	02	00	00	00
2018/03/13	19:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2018/03/13	19:14:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/03/13	19:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/03/13	19:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/03/13	19:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/03/13	19:14:26.0	XRT_FLD_RESET_418_OG [0x1a2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/03/13	19:14:28.0	XRT_QT_PROG_SET_413_OG [0x19d]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2018/03/13	19:14:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/03/13	19:14:32.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/03/13	19:58:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	19:58:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	19:58:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/03/13	19:58:06.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/03/13	20:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/03/13	20:21:00.5	XRT_Custom_430_OG [0x1ae]						
2018/03/13	20:22:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/03/13	21:35:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	21:35:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	21:35:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/03/13	21:35:06.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/03/13	21:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/03/13	21:58:00.0	XRT_Custom_430_OG [0x1ae]						
2018/03/13	21:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/03/13	22:28:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	22:28:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	22:28:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/03/13	22:29:00.0	AOCS_ORe-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	00	56	c0	01
2018/03/13	22:29:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/03/13	22:29:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/03/13	22:29:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/03/13	22:29:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/03/13	22:29:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/03/13	22:31:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01		
2018/03/13	22:31:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/03/13	22:32:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/03/13	23:12:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	23:12:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/03/13	23:12:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/03/13	23:12:36.0	XRT_PREFLR_STRT_406_OG [0x196]						

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2018/03/13	23:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/13	23:33:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/13	23:33:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/13	23:33:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/13	23:34:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 4d db 01 ca
2018/03/13	23:34:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/13	23:34:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/13	23:34:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/13	23:34:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/13	23:34:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/13	23:36:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2018/03/13	23:36:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/13	23:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/14	00:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	00:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	00:03:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/14	00:04:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 44 fd 01 ca
2018/03/14	00:04:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/14	00:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/14	00:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/14	00:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/14	00:04:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	00:06:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2018/03/14	00:06:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/14	00:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/14	00:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	00:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	00:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	00:49:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/14	00:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/14	00:57:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	00:57:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	00:57:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/14	00:58:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 3c 18 01 ca
2018/03/14	00:58:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/14	00:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/14	00:58:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/14	00:58:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/14	00:58:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	01:00:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2018/03/14	01:00:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/14	01:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/14	01:27:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	01:27:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	01:27:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/14	01:28:00.0	AOCS_OrE-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 33 33 01 ca

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2018/03/14	01:28:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/03/14	01:28:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/03/14	01:28:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/03/14	01:28:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/03/14	01:28:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/03/14	01:30:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2018/03/14	01:30:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/03/14	01:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/03/14	02:12:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	02:12:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	02:12:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/03/14	02:12:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/03/14	02:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/03/14	02:32:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	02:32:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	02:32:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/03/14	02:33:00.5	AOCS_Ore-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00	2a	4d	01	ca
2018/03/14	02:33:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/03/14	02:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/03/14	02:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/03/14	02:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/03/14	02:33:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/03/14	02:35:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2018/03/14	02:35:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/03/14	02:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/03/14	03:02:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	03:02:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	03:02:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/03/14	03:03:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00	21	68	01	ca
2018/03/14	03:03:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/03/14	03:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/03/14	03:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/03/14	03:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/03/14	03:03:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/03/14	03:05:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2018/03/14	03:05:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/03/14	03:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/03/14	03:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	03:47:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	03:47:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/03/14	03:47:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/03/14	03:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/03/14	04:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	04:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/03/14	04:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/03/14	04:10:00.0	AOCS_Ore-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00	18	8b	01	ca
2018/03/14	04:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							

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2018/03/14	04:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/03/14	04:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/03/14	04:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/14	04:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	04:12:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2018/03/14	04:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/03/14	04:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/14	04:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	04:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	04:39:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2018/03/14	04:40:00.0	AOCS_OrE-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00	0f	a5 01 ca
2018/03/14	04:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/03/14	04:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/03/14	04:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/03/14	04:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/14	04:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	04:42:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2018/03/14	04:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/03/14	04:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/14	05:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	05:18:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	05:18:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	05:18:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/03/14	05:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/03/14	05:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	05:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	05:47:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2018/03/14	05:47:30.5	AOCS_OrE-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	06	c0 01 ca
2018/03/14	05:47:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/03/14	05:47:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/03/14	05:47:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/03/14	05:47:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/14	05:47:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	05:50:26.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2018/03/14	05:50:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/03/14	05:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/14	06:17:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	06:17:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	06:17:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2018/03/14	06:17:30.0	AOCS_OrE-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	fe	c1 01 ca
2018/03/14	06:17:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/03/14	06:20:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/03/14	06:20:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/14	06:20:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f	
2018/03/14	06:20:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/14	06:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2018/03/14	06:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	06:59:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	06:59:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/03/14	07:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/03/14	07:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	07:24:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	07:24:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/03/14	07:25:00.5	AOCS_Ore-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 f5 dc 01 ca		
2018/03/14	07:25:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/03/14	07:25:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/03/14	07:25:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/03/14	07:25:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/14	07:25:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	07:27:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2018/03/14	07:27:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/03/14	07:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/14	07:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	07:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	07:54:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/03/14	07:55:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 ec fe 01 ca		
2018/03/14	07:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/03/14	07:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/03/14	07:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/03/14	07:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/14	07:55:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	07:57:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2018/03/14	07:57:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/03/14	07:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/14	08:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	08:39:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	08:39:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	08:39:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/03/14	08:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/03/14	09:01:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	09:01:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	09:01:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/03/14	09:01:30.0	AOCS_Ore-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 e4 19 01 ca		
2018/03/14	09:01:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/03/14	09:01:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/03/14	09:01:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/03/14	09:01:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/03/14	09:01:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/03/14	09:04:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2018/03/14	09:04:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/03/14	09:04:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/03/14	09:31:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/03/14	09:31:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2018/03/14	09:31:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	09:31:30.0	AOCS_OrE-point_Start_18_OG [0x0a8]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/14	09:31:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 db 34 01 ca
2018/03/14	09:31:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/14	09:31:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/14	09:31:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/14	09:31:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/14	09:34:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	09:34:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/03/14	09:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/14	10:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/14	10:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	10:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	10:19:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	10:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/14	10:34:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/14	10:34:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	10:34:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	10:34:30.0	AOCS_OrE-point_Start_19_OG [0x0a9]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/14	10:34:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 d2 4e 01 ca
2018/03/14	10:34:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/14	10:34:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/14	10:34:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/14	10:34:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/14	10:37:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	10:37:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/03/14	10:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/14	11:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/14	11:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	11:04:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	11:04:30.0	AOCS_OrE-point_Start_20_OG [0x0aa]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/14	11:04:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 c9 69 01 ca
2018/03/14	11:04:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/14	11:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/14	11:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/14	11:04:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/14	11:07:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	11:07:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/03/14	11:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/14	11:34:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/14	11:34:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	11:34:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	11:34:30.0	AOCS_OrE-point_Start_21_OG [0x0ab]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/14	11:34:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 c0 8c 01 ca
2018/03/14	11:34:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/14	11:34:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/14			MDP_XRT_AEC_RESET	1	07-F0	d0

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2018/03/14	11:34:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/03/14	11:34:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	11:37:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/03/14	11:37:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/03/14	11:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	12:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	12:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	12:04:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/03/14	12:04:30.0	AOCS_OrE-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 b7 a6 01 ca	
2018/03/14	12:04:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/03/14	12:04:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/03/14	12:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/03/14	12:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/03/14	12:04:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	12:07:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/03/14	12:07:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/03/14	12:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	12:34:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	12:34:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	12:34:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/03/14	12:34:30.0	AOCS_OrE-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 ae c1 01 ca	
2018/03/14	12:34:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/03/14	12:34:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/03/14	12:34:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/03/14	12:34:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/03/14	12:34:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	12:37:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/03/14	12:37:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/03/14	12:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	12:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	12:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	12:43:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2018/03/14	12:44:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	01 00 00 00 00	
2018/03/14	12:44:18.0	XRT_FLD_DIS_414_OG [0x19e]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/03/14	12:44:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/03/14	12:44:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/03/14	12:46:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2018/03/14	12:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/03/14	12:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	15:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	15:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	15:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	15:43:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/03/14	15:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/03/14	16:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	16:00:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	16:00:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2018/03/14	16:00:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	16:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/03/14	16:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/03/14	16:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	17:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	17:19:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	17:19:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	17:19:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/03/14	17:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/03/14	17:42:30.0	XRT_Custom_430_OG [0x1ae]					
2018/03/14	17:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	18:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	18:56:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	18:56:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	18:56:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/03/14	18:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/03/14	19:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	19:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	19:19:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/03/14	19:20:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/03/14	19:20:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/03/14	19:22:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/03/14	19:22:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/03/14	19:22:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2018/03/14	19:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	19:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	19:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	19:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/03/14	19:30:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/03/14	19:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/03/14	19:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/03/14	19:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/03/14	19:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/03/14	19:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	19:32:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2018/03/14	19:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/03/14	19:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	20:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	20:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	20:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	20:33:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/03/14	20:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/03/14	20:56:30.0	XRT_Custom_430_OG [0x1ae]					
2018/03/14	20:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/03/14	22:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	22:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/03/14	22:10:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/03/14	22:10:06.0	XRT_PREFLR_STRT_406_OG [0x196]					

2018/03/14	22:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/14	22:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/14	22:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	22:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	22:30:00.0	AOCS_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/03/14	22:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 00 00 00 00
2018/03/14	22:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/14	22:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/14	22:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/14	22:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/14	22:32:56.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	22:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2018/03/14	22:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/14	23:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/14	23:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	23:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/14	23:47:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/14	23:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/15	00:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/15	00:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0
2018/03/15	01:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/15	01:16:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	01:16:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	01:16:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/15	01:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/15	01:30:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/15	01:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0
2018/03/15	02:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/15	02:46:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	02:46:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	02:46:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/15	02:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/15	03:07:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/15	03:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0
2018/03/15	04:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/15	04:14:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	04:14:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	04:14:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/15	04:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/15	04:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/15	04:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0
2018/03/15	05:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/15	05:55:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	05:55:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	05:55:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/15	05:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/15	06:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/15	06:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0
2018/03/15	06:31:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2018/03/15	06:31:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	06:31:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	06:31:30.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/03/15	06:31:48.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00 00 00 00 00
2018/03/15	06:34:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2018/03/15	06:34:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/03/15	06:34:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/15	06:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2018/03/15	06:41:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/15	06:41:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	06:41:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	06:41:30.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/03/15	06:41:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 00 00 00 00
2018/03/15	06:41:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/03/15	06:41:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/03/15	06:41:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/03/15	06:41:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/03/15	06:44:26.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/15	06:44:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2018/03/15	06:44:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/03/15	07:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/15	07:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	07:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	07:35:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/15	07:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/15	07:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/03/15	08:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2018/03/15	09:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/03/15	09:14:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	09:14:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/03/15	09:14:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/03/15	09:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/03/15	10:36:00.0	AOCS_Ore-point_Start_1_OG [0x097]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
		AOCU_NM	AOCU_NM	5	02-76	00 00 00 00 00