

XRT Timeline to be uploaded on 2016/10/11

Period: 2016/10/11 10:36:00 - 2016/10/15 10:14:00

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Normal mode

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XOB #1A13: CME watch - 4x4 - AEC 2/3 - Be-thin (Be-Med) - Long/Short Pairs - 120s cad												
Term	Pointing (x, y)		Comment									
10/11 10:49:00 - 10/11 11:05:54	Fixed (936.0, 0.0)	# OP start + 10min, HOP 130 1 of 15										
10/11 11:09:00 - 10/11 11:21:54	Fixed (468.0, 0.0)	HOP 130 2 of 15										
10/11 11:41:00 - 10/11 11:53:54	Fixed (-468.0, 0.0)	HOP 130, 4 of 15										
10/11 11:57:00 - 10/11 12:09:54	Fixed (-936.0, 0.0)	HOP 130, 5 of 15										
10/11 12:13:00 - 10/11 12:19:54	Fixed (815.0, 470.0)	HOP 130, 6 of 15										
10/11 12:23:00 - 10/11 12:35:54	Fixed (411.0, 847.0)	HOP 130, 7 of 15										
10/11 12:39:00 - 10/11 12:51:54	Fixed (0.0, 941.0)	HOP 130, 8 of 15										
10/11 12:55:00 - 10/11 13:07:54	Fixed (-411.0, 847.0)	HOP 130, 9 of 15										
10/11 13:11:00 - 10/11 13:17:54	Fixed (-815.0, 470.0)	HOP 130, 10 of 15										
10/11 13:21:00 - 10/11 13:27:54	Fixed (815.0, -470.0)	HOP 130, 11 of 15										
10/11 13:31:00 - 10/11 13:43:54	Fixed (411.0, -847.0)	HOP 130, 12 of 15										
10/11 13:47:00 - 10/11 13:59:54	Fixed (0.0, -941.0)	HOP 130, 13 of 15										
10/11 14:03:00 - 10/11 14:15:54	Fixed (-411.0, -847.0)	HOP 130, 14 of 15										
10/11 14:19:00 - 10/11 14:29:54	Fixed (-815.0, -471.0)	HOP 130, 15 of 15										
PROG= 06 Inf.-time(s)												
└ Subr= 1 30-time(s) 120.0sec												
└ Seqn= 81 1-time(s) 4.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B15: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(512/4096), Med-Al												
Term	Pointing (x, y)		Comment									
10/11 11:25:00 - 10/11 11:37:54	Fixed (0.0, 0.0)	HOP 130, 3 of 15										
PROG= 18 1-time(s)												
└ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 5 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└ Seqn= 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= 67 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	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
└ Seqn= 54 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└ Subr= 2 1-time(s) 2.0sec												
└ Seqn= 46 2-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= 58 2-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└ Seqn= 71 2-time(s) 2.0sec												
med-Al/Open	med-Al/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	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 #1AFB: 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									
10/11 14:33:00 - 10/11 18:06:24	Track (415.1, -372.6)	@ 10/11 14:30:00	Coordinated obs with IRIS/DST									
10/11 18:29:30 - 10/11 21:56:54	Track (445.7, -370.7)	@ 10/11 18:26:30	AR 12599 (HOP 306 from 22 to 04 UT)									
10/12 04:03:06 - 10/12 04:59:54	Track (445.7, -370.7)	@ 10/11 18:26:30	AR 12599 (HOP 306 from 22 to 04 UT)									
10/12 13:03:00 - 10/12 17:46:30	Track (580.7, -360.4)	@ 10/12 13:00:00	AR 12599 (coordinated obs with IRIS/DST from 14:30-18:00UT)									
10/12 18:23:00 - 10/12 21:56:54	Track (616.3, -357.0)	@ 10/12 18:20:00	AR 12599 (HOP 306 from 22 to 04 UT)									
10/13 04:03:06 - 10/13 04:44:00	Track (616.3, -357.0)	@ 10/12 18:20:00	AR 12599 (HOP 306 from 22 to 04 UT)									
10/13 08:58:00 - 10/13 09:40:00	Track (705.1, -346.8)	@ 10/13 08:55:00	AR 12599									
PROG= 13 Inf.-time(s)												
└ Subr= 1 1-time(s) 2.0sec												
└ Seqn= 56 1-time(s) 2.0sec												

Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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= 23 4-time(s) 240.0sec												
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	75.0sec
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	75.0sec
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 #1B14: 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) + T

Term	Pointing (x, y)	Comment
10/11 18:09:30 - 10/11 18:26:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min
10/12 07:03:00 - 10/12 07:09:54	Fixed (0.0, 0.0)	synoptic, shifted 24.5 min
10/12 18:13:00 - 10/12 18:19:54	Fixed (0.0, 0.0)	synoptic, shifted 10.0 min
10/13 08:48:00 - 10/13 08:54:54	Fixed (0.0, 0.0)	synoptic shifted manually

PROG= 14 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= 67 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	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
Seqn= 54 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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 #1AFF: 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
10/11 22:00:00 - 10/12 04:00:00	Track (445.7, -370.7) ^{Ⓢ 10/11 18:26:30}	AR 12599 (HOP 306 from 22 to 04 UT)
10/12 22:00:00 - 10/13 04:00:00	Track (616.3, -357.0) ^{Ⓢ 10/12 18:20:00}	AR 12599 (HOP 306 from 22 to 04 UT)

PROG= 01 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 56 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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) 60.0sec												
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	15.0sec
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	15.0sec
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 #1ADA: CME watch - 4x4 - AEC 2/3 - Be-thin (Be-Med) - Long/Short Pairs - 300s cad

Term	Pointing (x, y)	Comment
10/12 05:03:00 - 10/12 06:59:54	Fixed (865.0, 290.0)	HOP 237, target 1

10/12 07:13:00 - 10/12 09:08:00	Fixed (705.0, 570.0)	HOP 237, target 2
10/12 09:28:30 - 10/12 12:59:54	Track (-265.0, -295.9) @ 10/12 09:10:00	EIS sensitivity observation
10/13 05:13:30 - 10/13 06:24:30	Fixed (830.0, -440.0)	HOP 237, target 1
10/13 06:50:30 - 10/13 08:44:54	Fixed (720.0, 550.0)	HOP 237, target 2

PROG= 09 Inf.-time(s)

Subr= 1	12-time(s)	300.0sec												
Seqn= 81	1-time(s)	4.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec		
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	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 #1AE7: 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
10/11 10:49:00 - 10/11 11:05:54	Fixed (936.0, 0.0)	# OP start + 10min, HOP 130 1 of 15
10/11 11:09:00 - 10/11 11:21:54	Fixed (468.0, 0.0)	HOP 130 2 of 15
10/11 11:41:00 - 10/11 11:53:54	Fixed (-468.0, 0.0)	HOP 130, 4 of 15
10/11 11:57:00 - 10/11 12:09:54	Fixed (-936.0, 0.0)	HOP 130, 5 of 15
10/11 12:13:00 - 10/11 12:19:54	Fixed (815.0, 470.0)	HOP 130, 6 of 15
10/11 12:23:00 - 10/11 12:35:54	Fixed (411.0, 847.0)	HOP 130, 7 of 15
10/11 12:39:00 - 10/11 12:51:54	Fixed (0.0, 941.0)	HOP 130, 8 of 15
10/11 12:55:00 - 10/11 13:07:54	Fixed (-411.0, 847.0)	HOP 130, 9 of 15
10/11 13:11:00 - 10/11 13:17:54	Fixed (-815.0, 470.0)	HOP 130, 10 of 15
10/11 13:21:00 - 10/11 13:27:54	Fixed (815.0, -470.0)	HOP 130, 11 of 15
10/11 13:31:00 - 10/11 13:43:54	Fixed (411.0, -847.0)	HOP 130, 12 of 15
10/11 13:47:00 - 10/11 13:59:54	Fixed (0.0, -941.0)	HOP 130, 13 of 15
10/11 14:03:00 - 10/11 14:15:54	Fixed (-411.0, -847.0)	HOP 130, 14 of 15
10/11 14:19:00 - 10/11 14:29:54	Fixed (-815.0, -471.0)	HOP 130, 15 of 15
10/11 14:33:00 - 10/11 18:06:24	Track (415.1, -372.6) @ 10/11 14:30:00	Coordinated obs with IRIS/DST
10/11 18:29:30 - 10/11 21:56:54	Track (445.7, -370.7) @ 10/11 18:26:30	AR 12599 (HOP 306 from 22 to 04 UT)
10/11 22:00:00 - 10/12 04:00:00	Track (445.7, -370.7) @ 10/11 18:26:30	AR 12599 (HOP 306 from 22 to 04 UT)
10/12 04:03:06 - 10/12 04:59:54	Track (445.7, -370.7) @ 10/11 18:26:30	AR 12599 (HOP 306 from 22 to 04 UT)
10/12 05:03:00 - 10/12 06:59:54	Fixed (865.0, 290.0)	HOP 237, target 1
10/12 07:13:00 - 10/12 09:08:00	Fixed (705.0, 570.0)	HOP 237, target 2
10/12 09:28:30 - 10/12 12:59:54	Track (-265.0, -295.9) @ 10/12 09:10:00	EIS sensitivity observation
10/12 13:03:00 - 10/12 17:46:30	Track (580.7, -360.4) @ 10/12 13:00:00	AR 12599 (coordinated obs with IRIS/DST from 14:30-18:00UT)
10/12 18:23:00 - 10/12 21:56:54	Track (616.3, -357.0) @ 10/12 18:20:00	AR 12599 (HOP 306 from 22 to 04 UT)
10/12 22:00:00 - 10/13 04:00:00	Track (616.3, -357.0) @ 10/12 18:20:00	AR 12599 (HOP 306 from 22 to 04 UT)
10/13 04:03:06 - 10/13 04:44:00	Track (616.3, -357.0) @ 10/12 18:20:00	AR 12599 (HOP 306 from 22 to 04 UT)
10/13 05:13:30 - 10/13 06:24:30	Fixed (830.0, -440.0)	HOP 237, target 1
10/13 06:50:30 - 10/13 08:44:54	Fixed (720.0, 550.0)	HOP 237, target 2
10/13 08:58:00 - 10/13 09:40:00	Track (705.1, -346.8) @ 10/13 08:55:00	AR 12599

PROG= 07 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= 84	1-time(s)	2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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

* * * * *

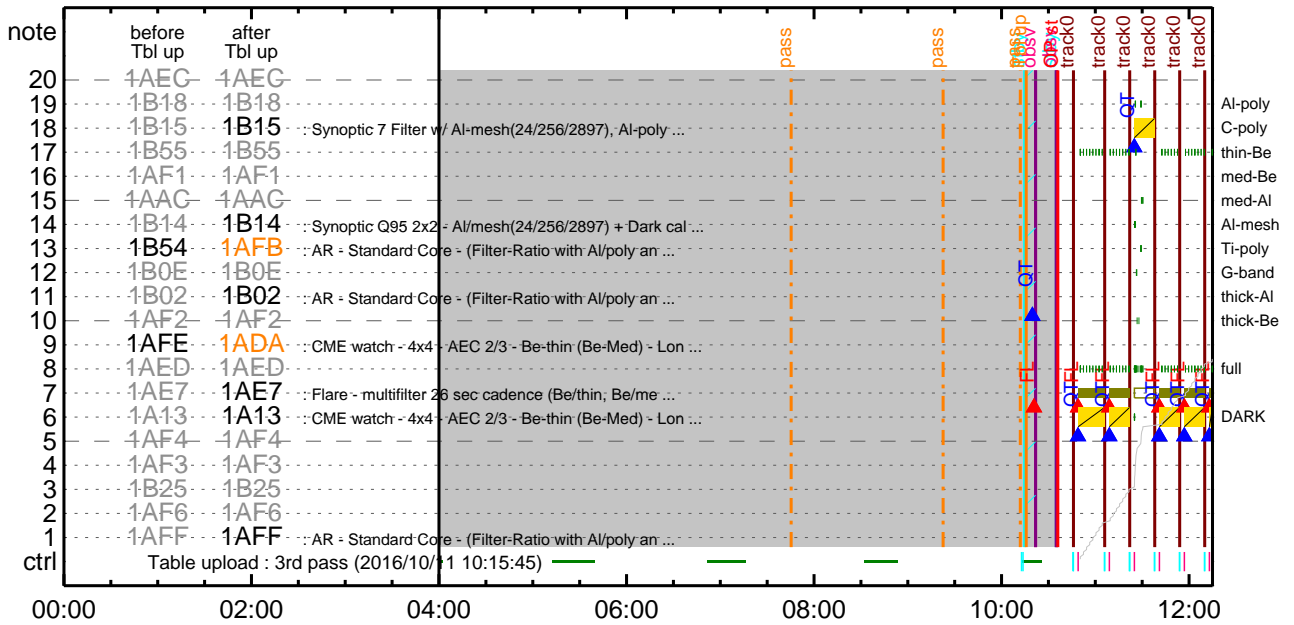
Flare Detection

* * * * *

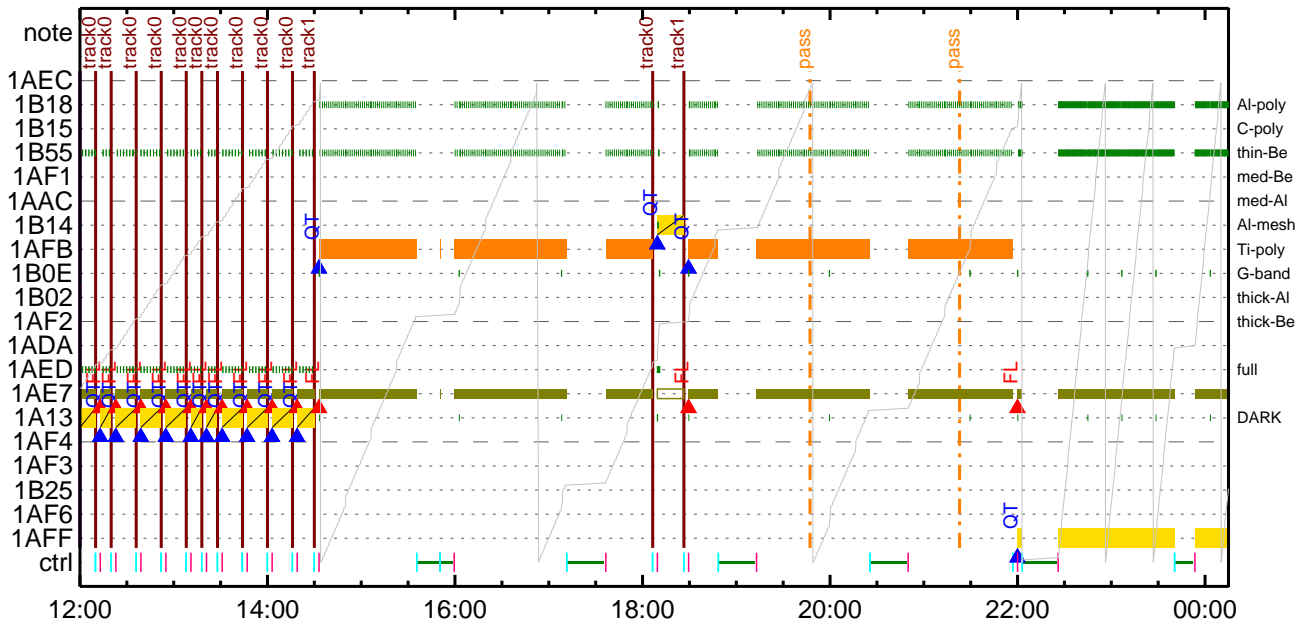
FLD Patrol

Term	Pointing (x, y)	Comment											
10/11 11:38:18 - 10/11 18:06:48	Fixed (-468.0, 0.0)	HOP 130, 4 of 15											
10/11 18:26:48 - 10/12 07:00:18	Track (445.7, -370.7) @ 10/11 18:26:30	AR 12599 (HOP 306 from 22 to 04 UT)											
10/12 07:10:18 - 10/12 18:10:18	Fixed (705.0, 570.0)	HOP 237, target 2											
10/12 18:20:18 - 10/13 08:45:18	Track (616.3, -357.0) @ 10/12 18:20:00	AR 12599 (HOP 306 from 22 to 04 UT)											
10/13 08:55:18 - 10/15 10:14:00	Track (705.1, -346.8) @ 10/13 08:55:00	AR 12599											
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8		Q=50		30sec		

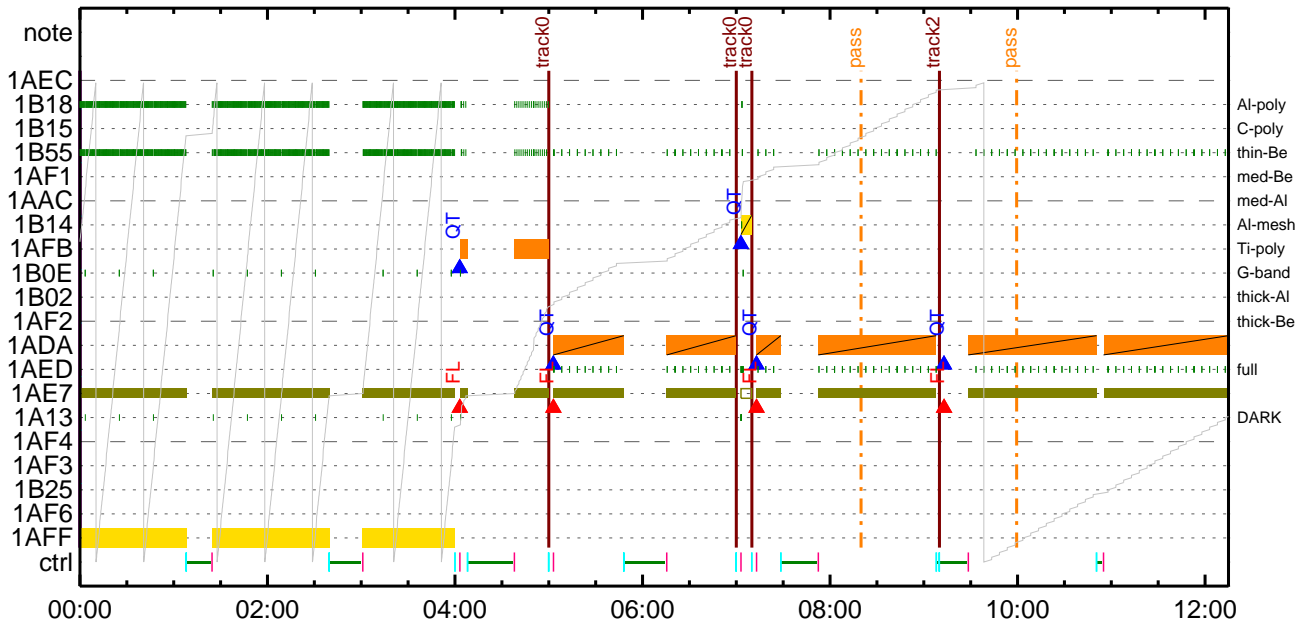
CMDI #0241 2016/10/11



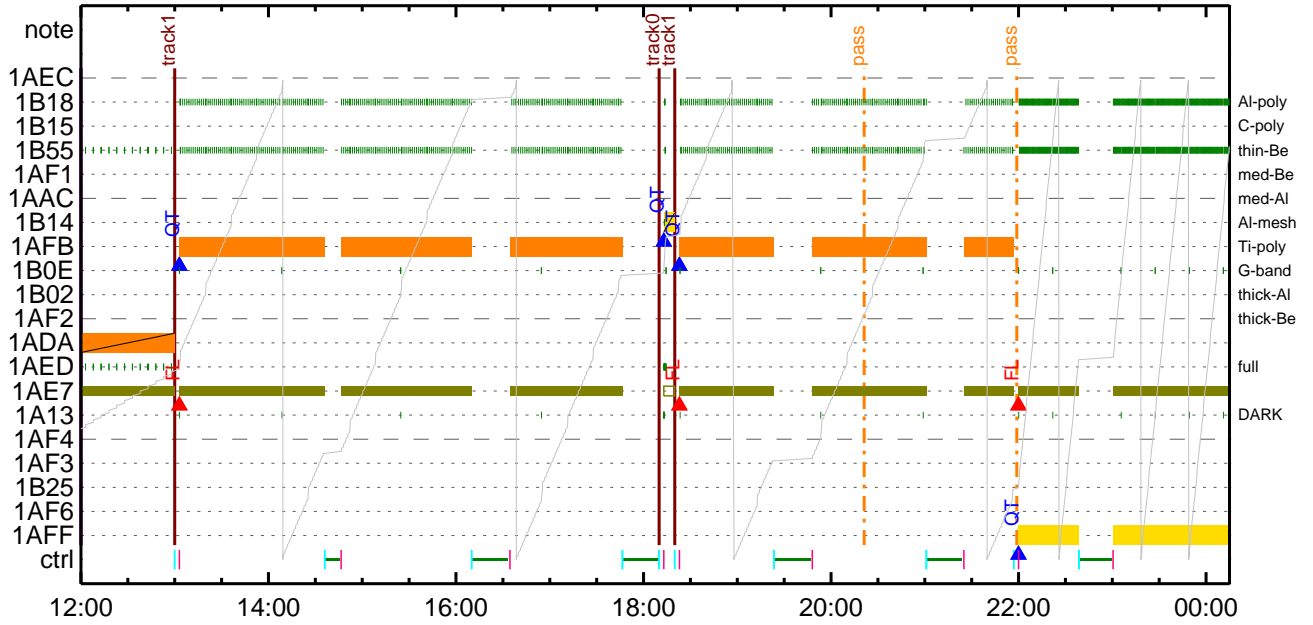
CMDI #0241 2016/10/11



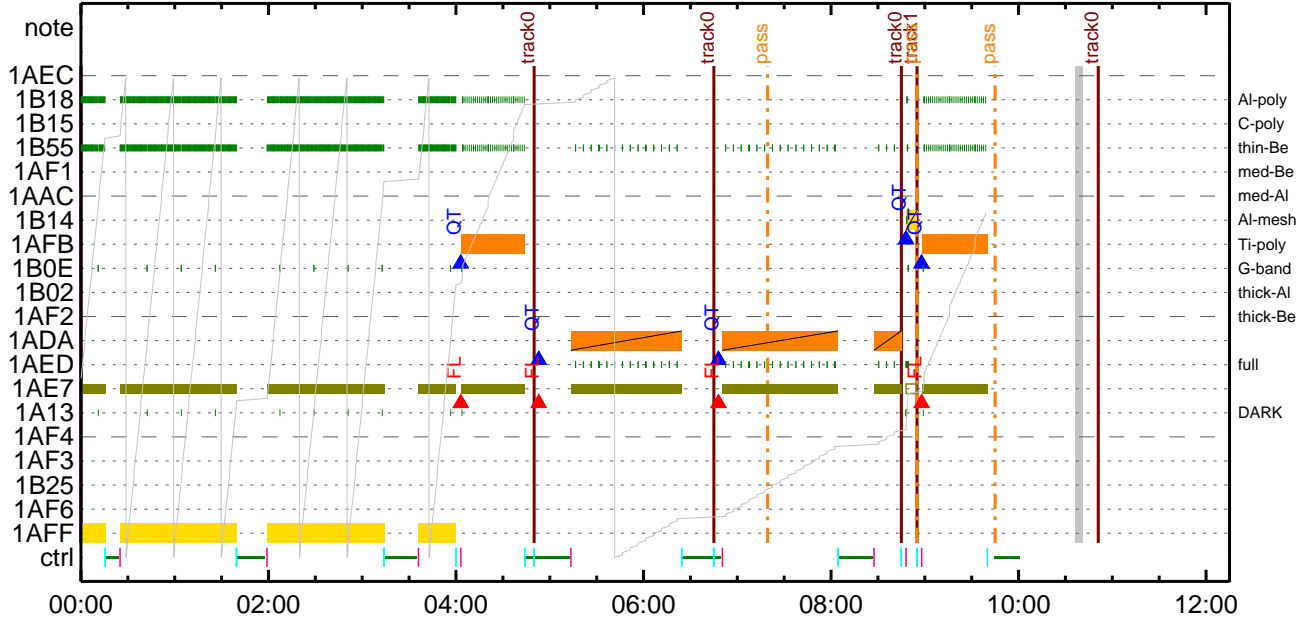
CMDI #0241 2016/10/12



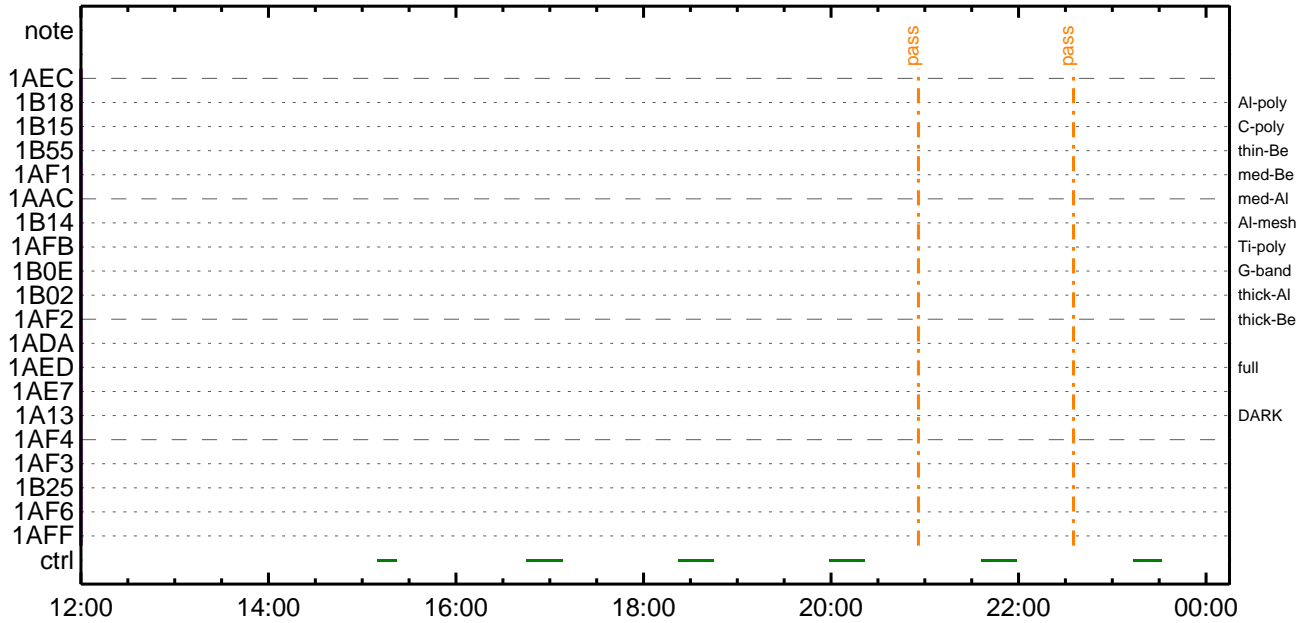
CMDI #0241 2016/10/12



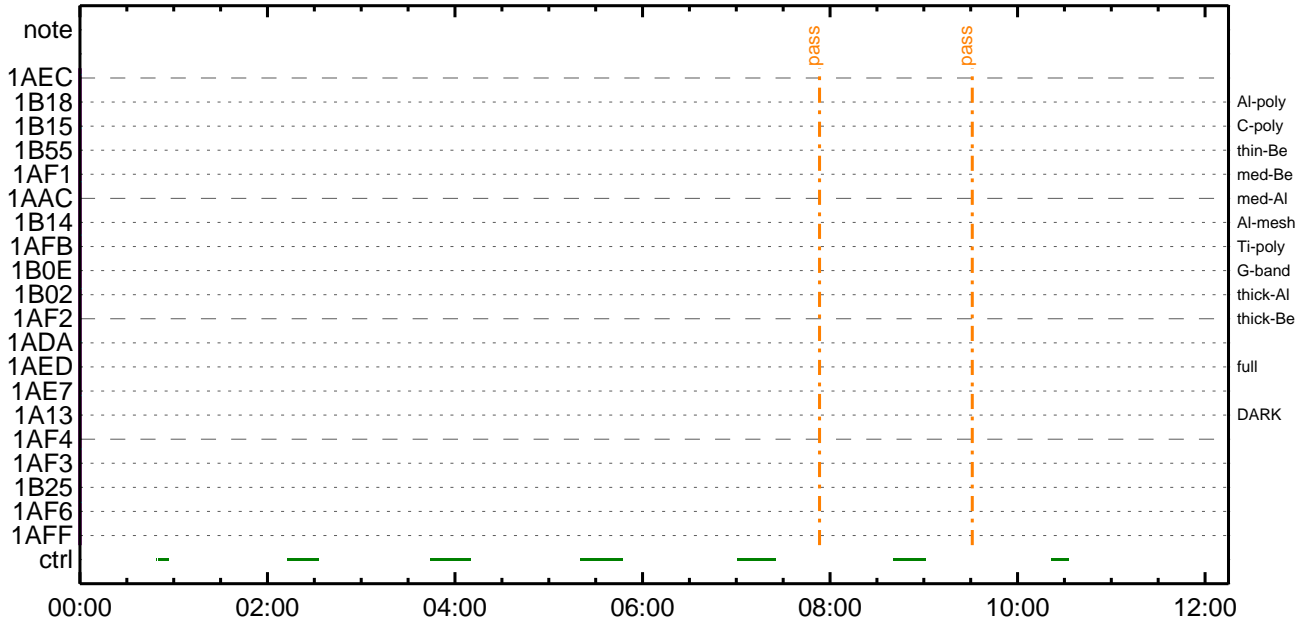
CMDI #0241 2016/10/13



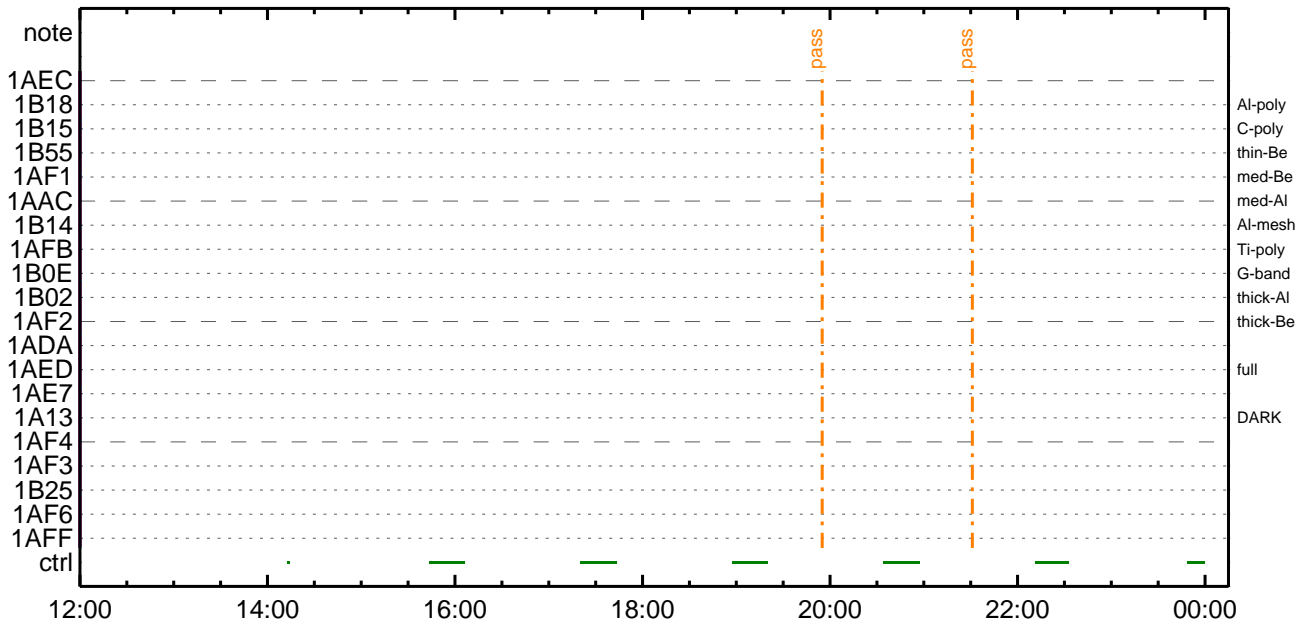
CMDI #0241 2016/10/13



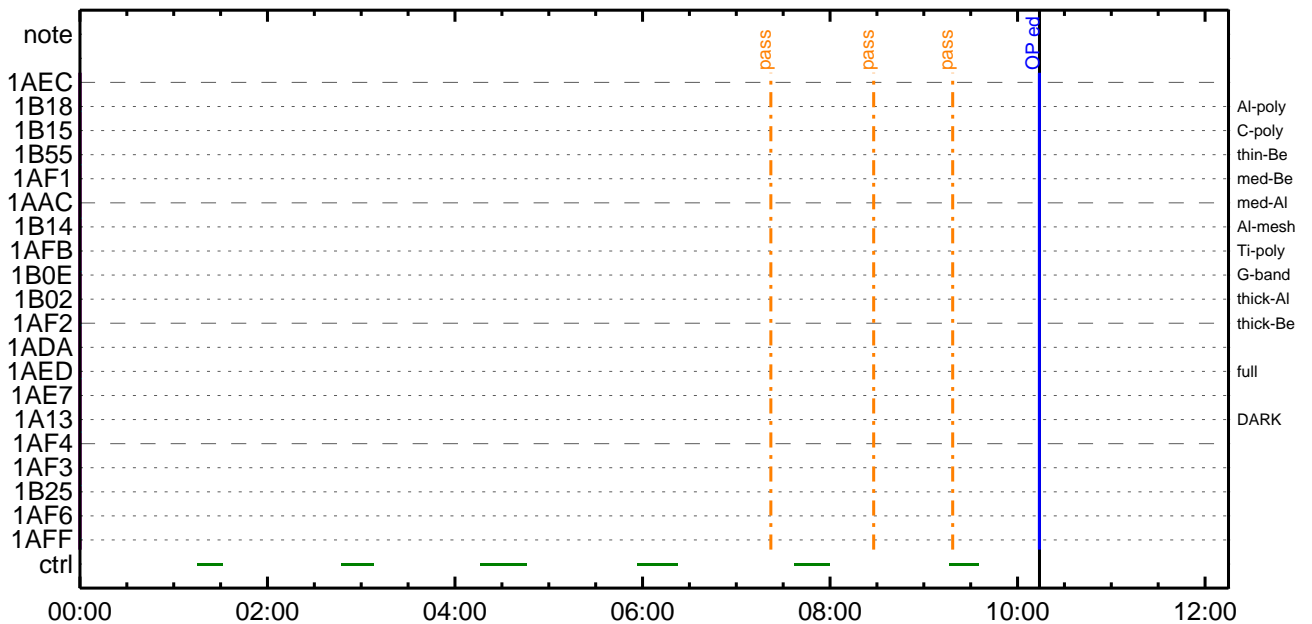
CMDI #0241 2016/10/14



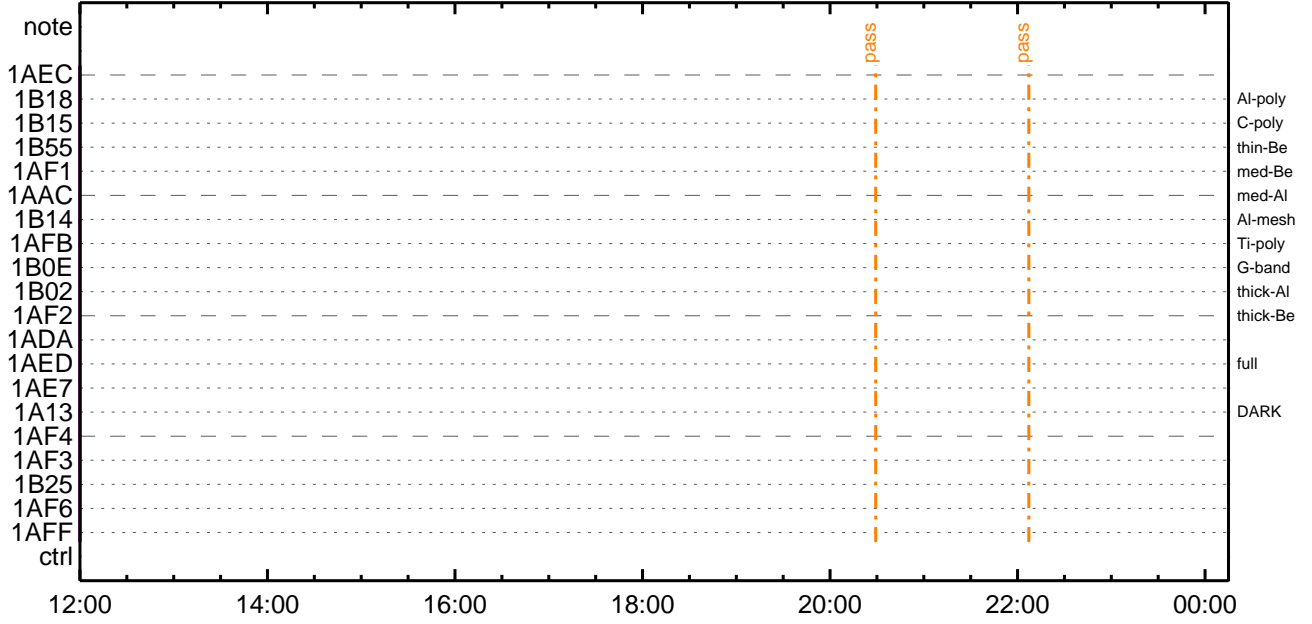
CMDI #0241 2016/10/14



CMDI #0241 2016/10/15



CMDI #0241 2016/10/15




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 . C. ;ãOP/OGY1;4YE;ã
0103 . S. OP op-168:OP
0104 ( )
0105 . S. OG og-168:OG
0106 ( )
0107 C.
0108 . C. ;ãNMOG&OPfî°èYAYôYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 . C. YAYôYx½ªî»ð³ÎÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOG²î¼E¹ç•è²İOK²³ÎÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 . C. YAYôYx½ªî»ð³ÎÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOG²î¼E¹ç•è²İOK²³ÎÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 . C. YAYôYx½ªî»ð³ÎÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²İOK²³ÎÇ§
0165 C.
0166 . C. ***** ²¼²î¼E¹ç•è²İOK²³ÎÇ§ *****
0167 C. DHUªâ;¼YE;E½Y½, Y;¼YE;E²ðİã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 . C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 . C. NOTICE ;§ OPOG UPLOAD²-Á÷ç@NG²î¼E¹ç;ç°E²¼²î¼E¹ç÷ç@²İª¹Ô²•²E²²³²E;f
0180 C. ²³²ç;çSET²E²DUMP²İE²±²İY²¹²ç¹Ô²|²³²E;f
0181 C.
0182 . C. TIY³Y³YôYE²²ðÁDİç(UT)
0183 +. TI 2016-10-11 10:31:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2016-10-11 10:31:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2016-10-11 10:31:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-170 2016-10-11 11:56:22 128 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁY$;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□Á□•µ°È»Í×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈè¼µ•íÉ;È□È¼°ÇÔ□•□¿¼í¹ç□Í;çÁ®, ù□¹□È□□□ÇÁ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG_____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ( )
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR _____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0f 80 80 06 06)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 10 80 80 08 08)
0054 + DC 07-F0 MDP_XRT_FLD_ENA
0055 BC (d8)
0056 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0057 BC (c8)
0058 + DC 07-F0 MDP_XRT_ARS_DIS
0059 BC (d5)
0060 +. DC 07-F0 MDP_XRT_AEC_RESET
0061 BC (d0)
0062 +. DC 07-F0 MDP_XRT_FLD_RESET
0063 BC (da)
0064 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0065 BC (c4 0b)
0066 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0067 BC (c5 07)
0068 . C. ----- Success Verify ? OK / NG _____
0069 C.
0070 C.
0071 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0072 C.
0073 +. DC 07-F0 MDP_XRT_MODE_OBSV
0074 BC (c2)
0075 +. TI 2016-10-11 10:35:02.0
0076 DC 07-F0 MDP_XRT_MODE_OBSV
0077 BC (c2)
0078 . C. ----- Success Verify ? OK / NG _____
0079 C.
0080 C. ***** XRT END *****
0081 . C. *****
0082 C. SOT table upload
0083 C. *****
0084 . C. < Stop SP table >
0085 +. DC 07-F0 MDP_SP_CTRL_MANU
0086 BC (61)
0087 C. -----
0088 C. MDP_SP_CTRL_MODE = MANU [ ]
0089 C. -----
0090 C.
0091 . C. <Upload SP Observation Table>
0092 . S. RAM ram-282:MDP_OBS_S
0093 ( )
0094 C.
0095 . C. < Dump RAMID=MDP_OBS_S >
```


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*** OP Sequence for XRT ***

2016/10/11	10:45:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	10:45:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	10:45:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/10/11	10:46:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	00 00 00 ac cd			
2016/10/11	10:46:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/10/11	10:46:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/10/11	10:46:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/10/11	10:46:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/10/11	10:46:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/10/11	10:48:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06			
2016/10/11	10:48:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07			
2016/10/11	10:49:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/10/11	11:05:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	11:05:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	11:05:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/10/11	11:06:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 d6 67			
2016/10/11	11:06:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/10/11	11:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/10/11	11:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/10/11	11:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/10/11	11:06:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/10/11	11:08:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06			
2016/10/11	11:08:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07			
2016/10/11	11:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/10/11	11:21:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	11:21:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	11:21:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/10/11	11:22:00.0	AOCS_Ore-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2016/10/11	11:22:18.0	XRT_FLD_DIS_406_OG [0x196]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2016/10/11	11:24:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2016/10/11	11:24:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/10/11	11:24:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12			
2016/10/11	11:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/10/11	11:37:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	11:37:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/10/11	11:37:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/10/11	11:38:00.0	AOCS_Ore-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	00 00 00 29 99			
2016/10/11	11:38:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/10/11	11:38:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/10/11	11:38:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/10/11	11:38:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/10/11	11:38:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/10/11	11:40:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06			
2016/10/11	11:40:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07			
2016/10/11	11:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/10/11	11:53:54.0	XRT_CTRL_MANU_402_OG [0x192]						

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2016/10/11	11:53:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	11:53:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	11:54:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/10/11	11:54:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00	00 53 33
2016/10/11	11:54:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	11:54:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	11:54:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	11:54:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	11:56:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	11:56:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
2016/10/11	11:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/10/11	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/10/11	12:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:10:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/10/11	12:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	d6	36 b7 8e
2016/10/11	12:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	12:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	12:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	12:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	12:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	12:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
2016/10/11	12:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/10/11	12:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/10/11	12:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:19:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:20:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/10/11	12:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	b4	b5 db 75
2016/10/11	12:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	12:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	12:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	12:20:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	12:22:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	12:22:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
2016/10/11	12:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/10/11	12:35:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/10/11	12:35:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:35:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:36:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/10/11	12:36:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	ac	5b 00 00
2016/10/11	12:36:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	12:36:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	12:36:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	12:36:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	12:38:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	12:38:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
2016/10/11			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	

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2016/10/11	12:39:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/10/11	12:51:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:51:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	12:51:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2016/10/11	12:52:00.0	AOCS_ORe-point_Start_9_OG [0x09f]					
		AOCU_NM	5	02-76	00 b4 b5 24 8b		
2016/10/11	12:52:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	12:52:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	12:52:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	12:52:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	12:52:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	12:54:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2016/10/11	12:54:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2016/10/11	12:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/10/11	13:07:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	13:07:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	13:07:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2016/10/11	13:08:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]					
		AOCU_NM	5	02-76	00 d6 36 48 72		
2016/10/11	13:08:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	13:08:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	13:08:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	13:08:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	13:08:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	13:10:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2016/10/11	13:10:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2016/10/11	13:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/10/11	13:17:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	13:17:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	13:17:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2016/10/11	13:18:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]					
		AOCU_NM	5	02-76	00 29 ca b7 8e		
2016/10/11	13:18:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	13:18:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	13:18:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	13:18:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	13:18:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	13:20:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2016/10/11	13:20:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2016/10/11	13:21:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/10/11	13:27:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	13:27:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/10/11	13:27:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2016/10/11	13:28:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]					
		AOCU_NM	5	02-76	00 4b 4b db 75		
2016/10/11	13:28:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/10/11	13:28:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/10/11	13:28:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/10/11	13:28:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/10/11	13:28:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/10/11	13:30:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]					

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2016/10/11	13:30:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/11	13:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/11	13:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	13:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	13:43:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/10/11	13:44:00.0	AOCS_Ore-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 53 a5	00 00
2016/10/11	13:44:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/10/11	13:44:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/10/11	13:44:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/10/11	13:44:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/10/11	13:44:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/11	13:46:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2016/10/11	13:46:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/11	13:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/11	13:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	13:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	13:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/10/11	14:00:00.0	AOCS_Ore-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 4b 4b	24 8b
2016/10/11	14:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/10/11	14:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/10/11	14:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/10/11	14:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/10/11	14:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/11	14:02:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2016/10/11	14:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/11	14:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/11	14:15:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	14:15:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	14:15:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/10/11	14:16:00.0	AOCS_Ore-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 29 db	48 72
2016/10/11	14:16:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/10/11	14:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/10/11	14:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/10/11	14:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/10/11	14:16:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/11	14:18:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2016/10/11	14:18:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/11	14:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/11	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	14:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/11	14:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2016/10/11	14:30:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01 00 00	00 00
2016/10/11	14:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/10/11	14:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/10/11	14:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/10/11	14:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	

2016/10/11	14:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/10/11	14:32:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2016/10/11	14:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2016/10/11	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/10/11	15:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	15:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	15:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/10/11	15:35:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/10/11	15:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/10/11	15:49:30.0	XRT_Custom_430_OG [0x1ae]								
2016/10/11	15:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/10/11	15:50:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	15:50:32.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	15:50:34.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/10/11	15:50:36.5	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/10/11	15:53:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/10/11	15:58:30.0	XRT_Custom_430_OG [0x1ae]								
2016/10/11	15:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/10/11	17:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	17:11:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	17:11:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/10/11	17:11:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/10/11	17:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/10/11	17:35:30.0	XRT_Custom_430_OG [0x1ae]								
2016/10/11	17:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/10/11	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	18:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	18:06:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2016/10/11	18:06:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00			
2016/10/11	18:06:48.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/10/11	18:09:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/10/11	18:09:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/10/11	18:09:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2016/10/11	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/10/11	18:26:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	18:26:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	18:26:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2016/10/11	18:26:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01	00 00 00 00			
2016/10/11	18:26:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/10/11	18:26:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/10/11	18:26:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/10/11	18:26:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/10/11	18:26:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/10/11	18:29:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2016/10/11	18:29:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2016/10/11	18:29:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/10/11	18:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/10/11	18:48:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2016/10/11	18:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/11	18:48:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/11	18:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/11	19:12:00.0	XRT_Custom_430_OG [0x1ae]				
2016/10/11	19:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/11	20:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	20:25:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	20:25:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/11	20:25:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/11	20:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/11	20:49:00.0	XRT_Custom_430_OG [0x1ae]				
2016/10/11	20:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/11	21:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	21:56:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	21:56:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/10/11	21:57:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/11	21:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/11	21:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/11	21:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/11	21:57:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/11	21:59:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2016/10/11	21:59:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/11	22:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/11	22:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	22:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	22:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/11	22:03:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/11	22:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/11	22:25:00.5	XRT_Custom_430_OG [0x1ae]				
2016/10/11	22:26:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/11	23:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	23:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/11	23:40:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/11	23:40:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/11	23:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/11	23:52:30.0	XRT_Custom_430_OG [0x1ae]				
2016/10/11	23:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	01:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	01:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	01:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	01:08:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	01:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	01:23:30.0	XRT_Custom_430_OG [0x1ae]				
2016/10/12	01:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	02:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	02:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	02:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	02:39:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	02:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9

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2016/10/12	03:00:00.0	XRT_Custom_430_OG [0x1ae]			
2016/10/12	03:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	04:00:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	04:00:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	04:00:04.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/10/12	04:00:24.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/12	04:00:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/12	04:00:28.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/12	04:00:30.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/12	04:00:32.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	04:03:02.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/10/12	04:03:04.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/12	04:03:06.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	04:08:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	04:08:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	04:08:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	04:08:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	04:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	04:37:00.0	XRT_Custom_430_OG [0x1ae]			
2016/10/12	04:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	04:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	04:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	04:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/10/12	05:00:00.0	AOCs_Or-e-point_Start_17_OG [0x0a7]			
		AOCU_NM	5	02-76	00 e6 36 b3 1b
2016/10/12	05:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/12	05:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/12	05:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/12	05:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/12	05:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	05:02:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/10/12	05:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/12	05:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	05:48:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	05:48:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	05:48:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	05:48:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	05:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	06:14:30.0	XRT_Custom_430_OG [0x1ae]			
2016/10/12	06:15:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	06:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	06:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	06:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/10/12	07:00:00.0	AOCs_Or-e-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2016/10/12	07:00:18.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2016/10/12	07:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/10/12	07:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/12	07:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2016/10/12	07:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2016/10/12	07:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	07:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	07:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/10/12	07:10:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00 cd 59 c1	59
2016/10/12	07:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/10/12	07:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/10/12	07:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/10/12	07:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/10/12	07:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/12	07:12:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/10/12	07:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/12	07:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/12	07:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	07:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	07:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/12	07:28:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/10/12	07:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/10/12	07:51:30.0	XRT_Custom_430_OG [0x1ae]					
2016/10/12	07:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/12	09:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	09:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	09:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/12	09:08:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/10/12	09:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	09:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	09:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/10/12	09:10:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	02 00 00 00	00
2016/10/12	09:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/10/12	09:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/10/12	09:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/10/12	09:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/10/12	09:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/12	09:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/10/12	09:12:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/10/12	09:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/12	09:27:30.0	XRT_Custom_430_OG [0x1ae]					
2016/10/12	09:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/12	10:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	10:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	10:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/12	10:50:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/10/12	10:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/10/12	10:54:00.0	XRT_Custom_430_OG [0x1ae]					
2016/10/12	10:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/12	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/12	12:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2016/10/12	13:00:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01 00 00 00	00

2016/10/12	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/12	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/12	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/12	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/12	13:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	13:02:56.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/10/12	13:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/12	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	14:36:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	14:36:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	14:36:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	14:36:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	14:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	14:45:30.0	XRT_Custom_430_OG [0x1ae]			
2016/10/12	14:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	16:10:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	16:10:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	16:10:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	16:10:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	16:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	16:33:30.0	XRT_Custom_430_OG [0x1ae]			
2016/10/12	16:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	17:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	17:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	17:46:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	17:46:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	17:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	18:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/10/12	18:10:00.0	AOCS_OrE-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2016/10/12	18:10:18.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2016/10/12	18:12:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/10/12	18:12:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/12	18:12:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2016/10/12	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	18:19:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	18:19:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	18:19:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/10/12	18:20:00.0	AOCS_OrE-point_Start_16_OG [0x0a6]			
		AOCU_NM	5	02-76	01 00 00 00 00
2016/10/12	18:20:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/12	18:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/12	18:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/12	18:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/12	18:20:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	18:22:56.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/10/12	18:22:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/12	18:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]			

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2016/10/12	19:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	19:23:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	19:23:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	19:23:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	19:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	19:47:00.0	XRT_Custom_430_OG [0x1ae]				
2016/10/12	19:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	21:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	21:01:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	21:01:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	21:01:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	21:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	21:24:00.0	XRT_Custom_430_OG [0x1ae]				
2016/10/12	21:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	21:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	21:56:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	21:56:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/10/12	21:57:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/12	21:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/12	21:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/12	21:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/12	21:57:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	21:59:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2016/10/12	21:59:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/12	22:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/12	22:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	22:38:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/12	22:38:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/12	22:38:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/12	22:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/12	22:59:30.0	XRT_Custom_430_OG [0x1ae]				
2016/10/12	23:00:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/13	00:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	00:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	00:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/13	00:15:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/13	00:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/13	00:24:00.0	XRT_Custom_430_OG [0x1ae]				
2016/10/13	00:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/13	01:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	01:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	01:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/13	01:39:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/13	01:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/13	01:58:00.0	XRT_Custom_430_OG [0x1ae]				
2016/10/13	01:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/13	03:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	03:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	03:14:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1

2016/10/13	03:14:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/13	03:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/13	03:35:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/13	03:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/13	04:00:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	04:00:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	04:00:04.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/10/13	04:00:24.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/13	04:00:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/13	04:00:28.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/13	04:00:30.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/13	04:00:32.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/13	04:03:02.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/10/13	04:03:04.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/13	04:03:06.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/13	04:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	04:44:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	04:44:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/13	04:44:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/13	04:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/13	04:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	04:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	04:49:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/10/13	04:50:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 27 1a b6 36
2016/10/13	04:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/13	04:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/13	04:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/13	04:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/13	04:50:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/13	04:52:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/10/13	04:52:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/10/13	05:12:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/10/13	05:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	06:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	06:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	06:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/10/13	06:24:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/10/13	06:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/10/13	06:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	06:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/10/13	06:44:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/10/13	06:45:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00 cf 1b c0 00
2016/10/13	06:45:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/10/13	06:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/10/13	06:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/10/13	06:45:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/10/13	06:45:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da

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2016/10/13	06:47:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2016/10/13	06:47:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/13	06:49:30.0	XRT_Custom_430_OG [0x1ae]					
2016/10/13	06:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/13	08:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/13	08:04:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/13	08:04:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/13	08:04:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/10/13	08:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/10/13	08:26:30.0	XRT_Custom_430_OG [0x1ae]					
2016/10/13	08:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/13	08:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/13	08:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/13	08:44:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/10/13	08:45:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00	00
2016/10/13	08:45:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/10/13	08:47:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/10/13	08:47:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/10/13	08:47:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2016/10/13	08:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/13	08:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/13	08:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/13	08:54:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2016/10/13	08:55:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	01 00 00 00	00
2016/10/13	08:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/10/13	08:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/10/13	08:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/10/13	08:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/10/13	08:55:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/10/13	08:57:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
2016/10/13	08:57:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/10/13	08:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/10/13	09:40:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/10/13	10:51:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00	00