

XRT Timeline to be uploaded on 2018/06/26

Period: 2018/06/26 11:22:00 - 2018/07/04 11:10:00

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Normal mode

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XOB #1BA4: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
06/26 11:36:30 - 06/26 17:39:00	Track (753.1, 57.7) @ 06/26 11:32:00	# OP start + 10min. AR 12715.
06/27 00:43:30 - 06/27 06:05:24	Track (816.3, 61.1) @ 06/27 00:10:00	# AR obs.
06/27 06:18:30 - 06/27 17:59:54	Track (842.4, 62.9) @ 06/27 06:15:30	# AR obs.
06/28 01:19:00 - 06/28 06:18:24	Fixed (902.0, 69.0)	# AR obs with FIXED pointing.
06/28 06:31:30 - 06/28 17:11:30	Fixed (902.0, 69.0)	# AR at the limb.
06/28 18:08:30 - 06/28 23:45:00	Fixed (902.0, 69.0)	# AR at the limb.

PROG= 07 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec										
Seqn= 92	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 42	1-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 96	40-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B8B: Synoptic Q95 2x2 - Al/mesh(64/512/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment
06/26 18:24:00 - 06/26 18:30:54	Fixed (0.0, 0.0)	synoptic, shifted 21.0 min
06/27 00:03:00 - 06/27 00:09:54	Fixed (0.0, 0.0)	# HOP 349 10 min observation.
06/27 06:08:30 - 06/27 06:15:24	Fixed (0.0, 0.0)	synoptic, shifted 5.5 min
06/27 18:03:00 - 06/27 18:09:54	Fixed (0.0, 0.0)	synoptic
06/28 00:38:00 - 06/28 00:44:54	Fixed (0.0, 0.0)	# HOP 349 10 min observations.
06/28 17:58:30 - 06/28 18:05:24	Fixed (0.0, 0.0)	synoptic, shifted -4.5 min

PROG= 08 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= 27	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	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= 85	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
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 #1B95: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 90s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
06/26 18:34:00 - 06/26 23:59:54	Track (-536.0, -216.0) @ 06/26 18:31:00	# EIS BP obs.
06/27 18:57:01 - 06/28 00:34:54	Track (-350.9, -222.0) @ 06/27 18:10:00	# EIS BP obs.
07/02 18:37:31 - 07/02 22:50:00	Fixed (0.0, -900.0)	# EIS south polar coronal hole observations.

PROG= 14 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec										
Seqn= 30	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	40-time(s)	90.0sec										
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 #1B8D: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(512/8192/23142) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-A

Term	Pointing (x, y)	Comment
06/28 06:21:30 - 06/28 06:28:24	Fixed (0.0, 0.0)	synoptic, shifted 18.5 min
PROG= 01 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= 59 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open	close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 23 1-time(s) 4.0sec		
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 46 1-time(s) 2.0sec		
Open/thick-Be	Open/thick-Be	close Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 22 1-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 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Seqn= 40 1-time(s) 2.0sec		
Al-poly/Ti-poly	Al-poly/thick-Al	close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close Safe Norm 5.66s 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 #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
06/29 00:16:00 - 06/29 05:39:24	Fixed (0.0, 0.0)	# HOP 349 at disk center and SOT flat-field observations.
07/02 00:23:30 - 07/02 05:46:54	Fixed (0.0, 0.0)	# HOP 349 at disk center.
PROG= 16 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 #1BD9: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment
06/29 05:42:30 - 06/29 05:49:24	Fixed (0.0, 0.0)	synoptic, shifted -20.5 min
06/29 17:35:30 - 06/29 17:47:00	Fixed (0.0, 0.0)	synoptic, shifted -27.5 min and extended for SOT focus test.
06/30 06:02:00 - 06/30 06:08:54	Fixed (0.0, 0.0)	synoptic, shifted -1.0 min
06/30 18:03:00 - 06/30 18:09:54	Fixed (0.0, 0.0)	synoptic
07/01 06:29:00 - 07/01 06:35:54	Fixed (0.0, 0.0)	synoptic, shifted 26.0 min
07/02 05:50:00 - 07/02 05:56:54	Fixed (0.0, 0.0)	synoptic, shifted -13.0 min
07/02 17:43:00 - 07/02 17:49:54	Fixed (0.0, 0.0)	synoptic, shifted -20.0 min
07/03 06:03:00 - 07/03 06:09:54	Fixed (0.0, 0.0)	synoptic

PROG= 19 1-time(s)

Subr= 1	1-time(s)	2.0sec											
Seqn= 5	1-time(s)	2.0sec											
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512	(1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048	(1024, 1024)	DPCM	0	0	2.0sec
Seqn= 36	1-time(s)	2.0sec											
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99	1-time(s)	2.0sec											
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33	1-time(s)	2.0sec											
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23	1-time(s)	2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

XOB #1BD5: 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 last)

Term	Pointing (x, y)	Comment
06/29 05:52:30 - 06/29 09:26:30	Track (-15.4, 0.1) @ 06/29 05:49:30	# EIS sensitivity monitoring.
06/29 10:06:00 - 06/29 17:32:24	Fixed (0.0, -900.0)	# EIS south polar coronal hole observations.
07/02 13:30:00 - 07/02 17:39:54	Track (645.5, 7.4) @ 07/02 13:00:00	# QS observations.
07/03 06:13:00 - 07/03 10:10:30	Track (750.6, 12.8) @ 07/03 06:10:00	# QS observations.

PROG= 10 Inf.-time(s)

Subr= 1	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
Subr= 2	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

XOB #1BDB: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 120s cad

Term	Pointing (x, y)	Comment
06/29 18:30:01 - 06/30 05:58:54	Track (702.7, 179.7) @ 06/29 18:02:30	# AR remnant from previous rotation (Hi-C target).
06/30 06:12:00 - 06/30 17:59:54	Track (767.2, 183.2) @ 06/30 06:09:00	# AR cont.
06/30 18:13:00 - 07/01 06:25:54	Track (820.8, 187.1) @ 06/30 18:10:00	# AR cont.
07/01 06:39:00 - 07/01 10:29:54	Track (864.6, 191.6) @ 07/01 06:36:00	# AR cont.
07/01 10:33:00 - 07/01 17:19:30	Fixed (876.0, 193.0)	# AR cont at limb.
07/01 18:14:30 - 07/01 23:52:30	Fixed (876.0, 193.0)	# AR cont at limb.

PROG= 12 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	30-time(s)	120.0sec											
Seqn= 89	1-time(s)	40.0sec											
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	2.0sec
Seqn= 58	1-time(s)	40.0sec											
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

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

Term	Pointing (x, y)	Comment
07/01 18:04:30 - 07/01 18:11:24	Fixed (0.0, 0.0)	synoptic, shifted 1.5 min

PROG= 18 1-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 5 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 36 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 4.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 46 1-time(s) 2.0sec													
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 17 1-time(s) 2.0sec													
	med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 25 1-time(s) 2.0sec													
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

XOB #1BA1: HOP336 1-filter - Al/poly -384x384, 512ms and 4s, 60s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
07/02 06:00:00 - 07/02 09:34:30	Fixed (-18.0, 684.0)	# HOP 336 (cycle BP in North).
07/02 10:13:30 - 07/02 12:59:30	Fixed (-18.0, -707.0)	# HOP 336 (cycle BP in South).
07/02 23:26:01 - 07/03 05:59:54	Fixed (0.0, 895.0)	# EIS spicule observations with IRIS.

PROG= 17 Inf.-time(s)													
Subr= 1 1-time(s) 2.0sec													
Seqn= 16 2-time(s) 2.0sec													
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 90 1-time(s) 30.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 3 15-time(s) 2.0sec													
Seqn= 68 1-time(s) 60.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

* * * * * **Flare mode** * * * * *

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
06/26 11:36:30 - 06/26 17:39:00	Track (753.1, 57.7) ^{06/26 11:32:00}	# OP start + 10min. AR 12715.
06/26 18:34:00 - 06/26 23:59:54	Track (-536.0, -216.0) ^{06/26 18:31:00}	# EIS BP obs.
06/27 00:43:30 - 06/27 06:05:24	Track (816.3, 61.1) ^{06/27 00:10:00}	# AR obs.
06/27 06:18:30 - 06/27 17:59:54	Track (842.4, 62.9) ^{06/27 06:15:30}	# AR obs.
06/27 18:57:01 - 06/28 00:34:54	Track (-350.9, -222.0) ^{06/27 18:10:00}	# EIS BP obs.
06/28 01:19:00 - 06/28 06:18:24	Fixed (902.0, 69.0)	# AR obs with FIXED pointing.
06/28 06:31:30 - 06/28 17:11:30	Fixed (902.0, 69.0)	# AR at the limb.
06/28 18:08:30 - 06/28 23:45:00	Fixed (902.0, 69.0)	# AR at the limb.
06/29 05:52:30 - 06/29 09:26:30	Track (-15.4, 0.1) ^{06/29 05:49:30}	# EIS sensitivity monitoring.
06/29 10:06:00 - 06/29 17:32:24	Fixed (0.0, -900.0)	# EIS south polar coronal hole observations.
06/29 18:30:01 - 06/30 05:58:54	Track (702.7, 179.7) ^{06/29 18:02:30}	# AR remnant from previous rotation (Hi-C target).
06/30 06:12:00 - 06/30 17:59:54	Track (767.2, 183.2) ^{06/30 06:09:00}	# AR cont.
06/30 18:13:00 - 07/01 06:25:54	Track (820.8, 187.1) ^{06/30 18:10:00}	# AR cont.

07/01 06:39:00 - 07/01 10:29:54	Track (864.6, 191.6) @ 07/01 06:36:00	# AR cont.
07/01 10:33:00 - 07/01 17:19:30	Fixed (876.0, 193.0)	# AR cont at limb.
07/01 18:14:30 - 07/01 23:52:30	Fixed (876.0, 193.0)	# AR cont at limb.
07/02 06:00:00 - 07/02 09:34:30	Fixed (-18.0, 684.0)	# HOP 336 (cycle BP in North).
07/02 10:13:30 - 07/02 12:59:30	Fixed (-18.0, -707.0)	# HOP 336 (cycle BP in South).
07/02 13:30:00 - 07/02 17:39:54	Track (645.5, 7.4) @ 07/02 13:00:00	# QS observations.
07/02 18:37:31 - 07/02 22:50:00	Fixed (0.0, -900.0)	# EIS south polar coronal hole observations.
07/02 23:26:01 - 07/03 05:59:54	Fixed (0.0, 895.0)	# EIS spicule observations with IRIS.
07/03 06:13:00 - 07/03 10:10:30	Track (750.6, 12.8) @ 07/03 06:10:00	# QS observations.

PROG= 13 30-time(s)

Subr= 1 20-time(s) 2.0sec	
Seqn= 11 1-time(s) 2.0sec	Al-poly/Open Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
Seqn=100 1-time(s) 10.0sec	thin-Be/Open med-Be/Open close Safe Norm 125ms Obs 1x1 384x384 (1024, 1024) Q=95 2 0 2.0sec
	med-Be/Open Open/thick-Al close Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
	Open/thick-Al Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Subr= 2 1-time(s) 2.0sec	
Seqn= 10 1-time(s) 2.0sec	med-Al/Open med-Al/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
	Open/thick-Be Open/thick-Be close Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Seqn= 11 1-time(s) 2.0sec	Al-poly/Open Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
Seqn= 87 1-time(s) 2.0sec	Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
	Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
	Open/thick-Al Open/thick-Al close Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
	Open/thick-Al Open/thick-Al close Safe Dark 1.00s Obs 2x2 512x512 (1024, 1024) Q=98 0 0 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

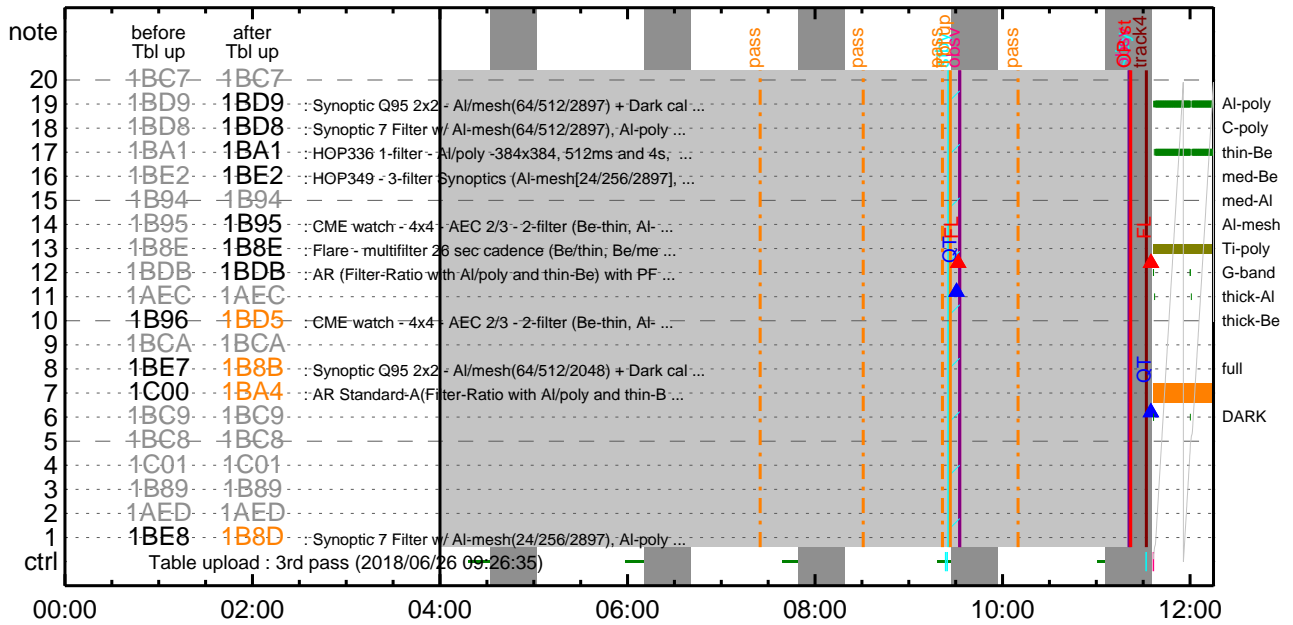
Flare Detection

* * * * *

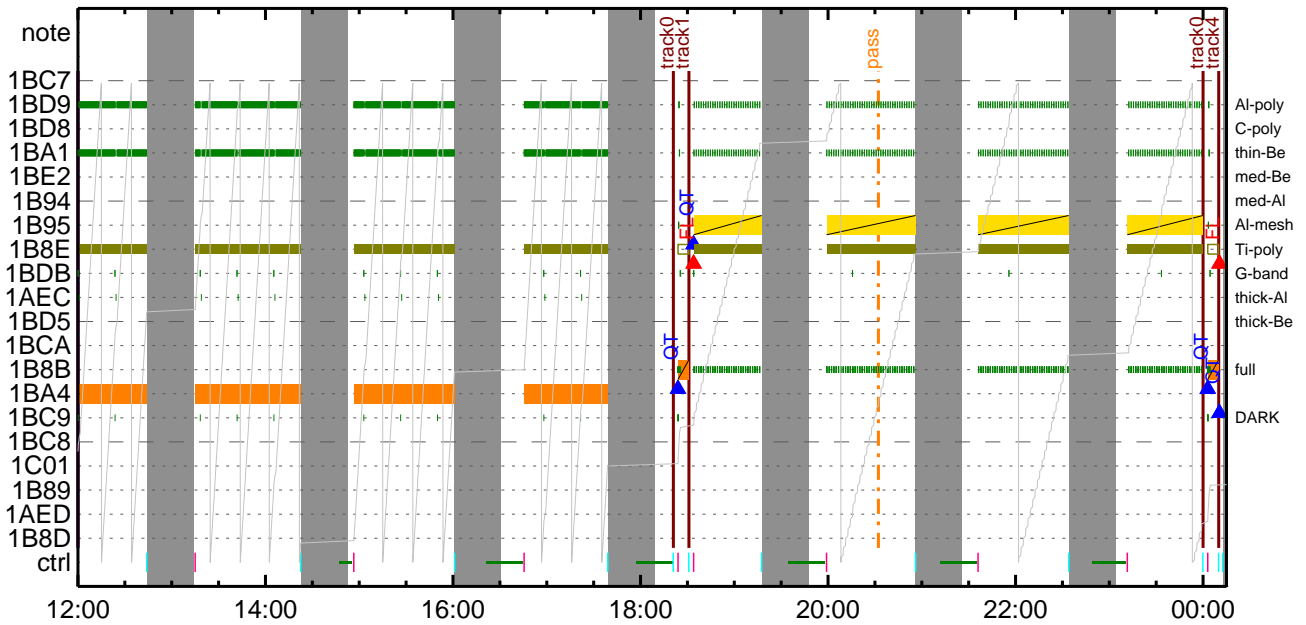
FLD Patrol

Term	Pointing (x, y)	Comment
06/26 18:31:16 - 06/27 00:00:16	Track (-536.0, -216.0) @ 06/26 18:31:00	# EIS BP obs.
06/27 00:10:16 - 06/27 06:05:46	Track (816.3, 61.1) @ 06/27 00:10:00	# AR obs.
06/27 06:15:46 - 06/27 18:00:16	Track (842.4, 62.9) @ 06/27 06:15:30	# AR obs.
06/27 18:10:16 - 06/28 00:35:16	Track (-350.9, -222.0) @ 06/27 18:10:00	# EIS BP obs.
06/28 00:45:16 - 06/28 06:18:46	Fixed (902.0, 69.0)	# AR obs with FIXED pointing.
06/28 06:28:46 - 06/28 17:55:46	Fixed (902.0, 69.0)	# AR at the limb.
06/28 18:05:46 - 06/29 00:00:16	Fixed (902.0, 69.0)	# AR at the limb.
06/29 05:49:46 - 06/29 17:32:46	Track (-15.4, 0.1) @ 06/29 05:49:30	# EIS sensitivity monitoring.
06/29 18:02:46 - 06/30 05:59:16	Track (702.7, 179.7) @ 06/29 18:02:30	# AR remnant from previous rotation (Hi-C target).
06/30 06:09:16 - 06/30 18:00:16	Track (767.2, 183.2) @ 06/30 06:09:00	# AR cont.
06/30 18:10:16 - 07/01 06:26:16	Track (820.8, 187.1) @ 06/30 18:10:00	# AR cont.
07/01 06:36:16 - 07/01 18:01:46	Track (864.6, 191.6) @ 07/01 06:36:00	# AR cont.
07/01 18:11:46 - 07/02 00:00:16	Fixed (876.0, 193.0)	# AR cont at limb.
07/02 05:57:16 - 07/02 17:40:16	Fixed (-18.0, 684.0)	# HOP 336 (cycle BP in North).
07/02 17:54:16 - 07/03 06:00:16	Fixed (0.0, -900.0)	# EIS south polar coronal hole observations.
07/03 06:10:16 - 07/04 11:10:00	Track (750.6, 12.8) @ 07/03 06:10:00	# QS observations.
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	

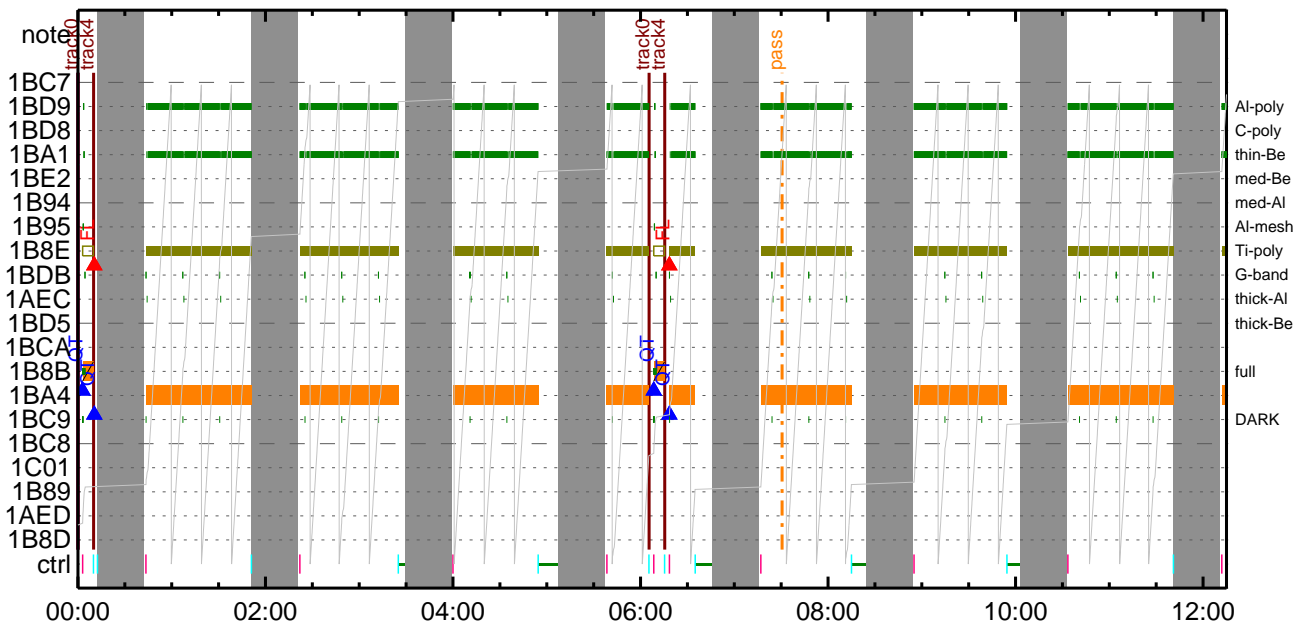
CMDI #0589 2018/06/26



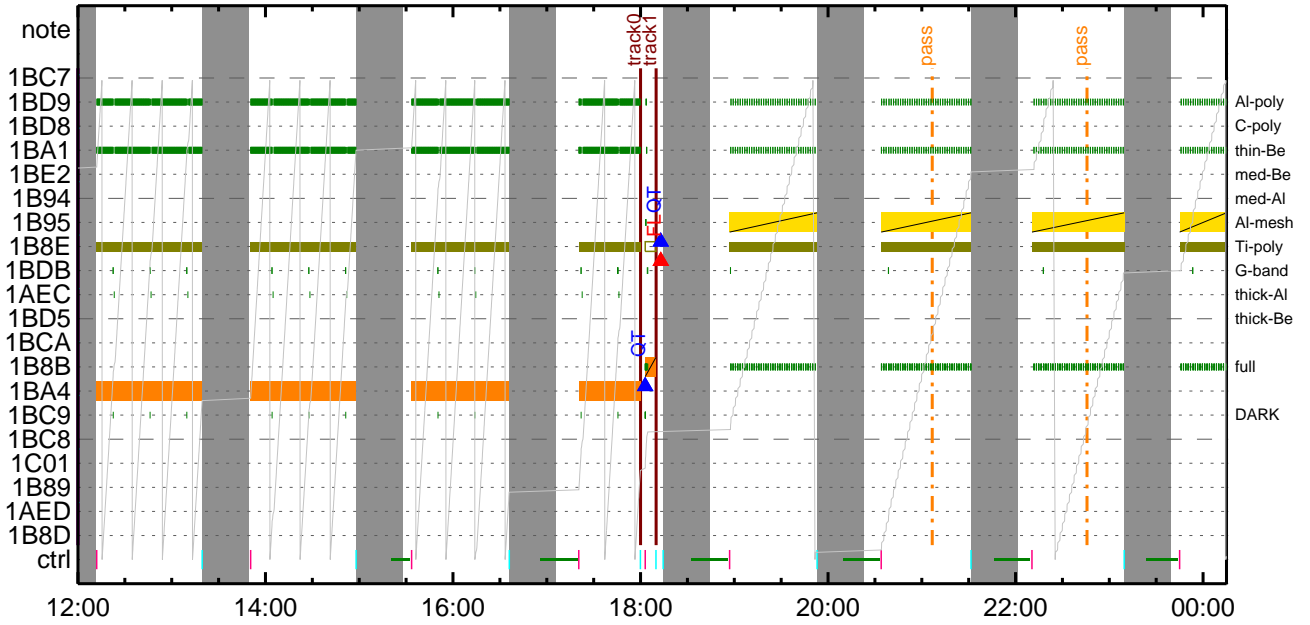
CMDI #0589 2018/06/26



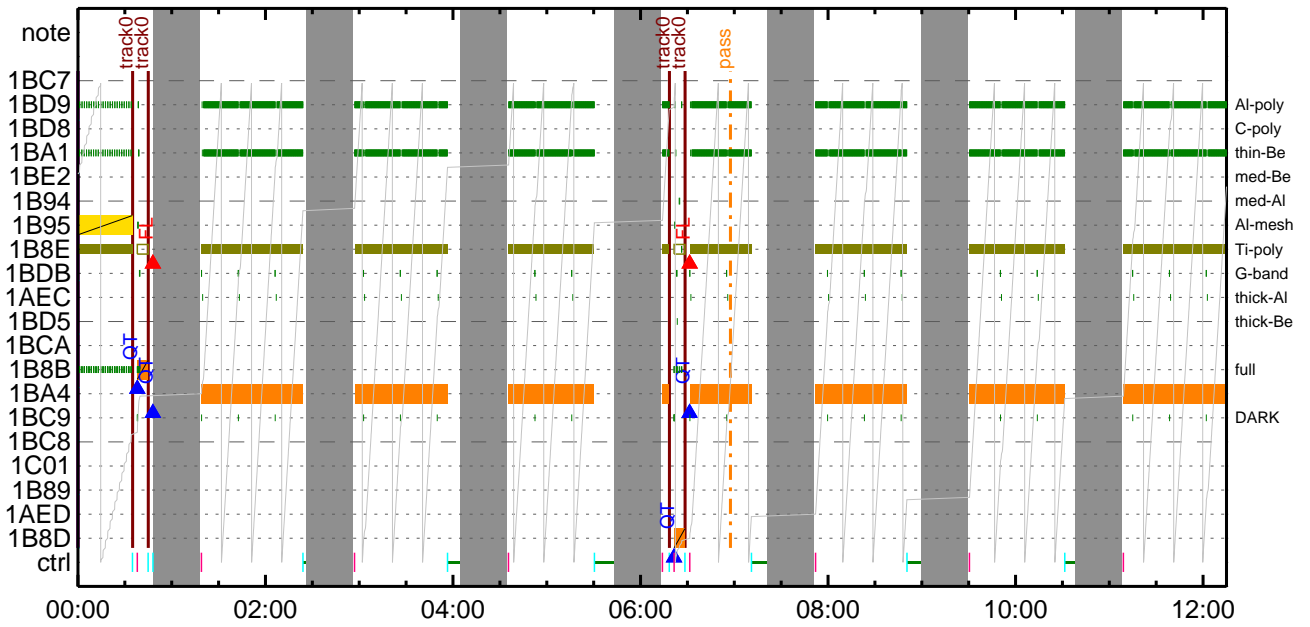
CMDI #0589 2018/06/27



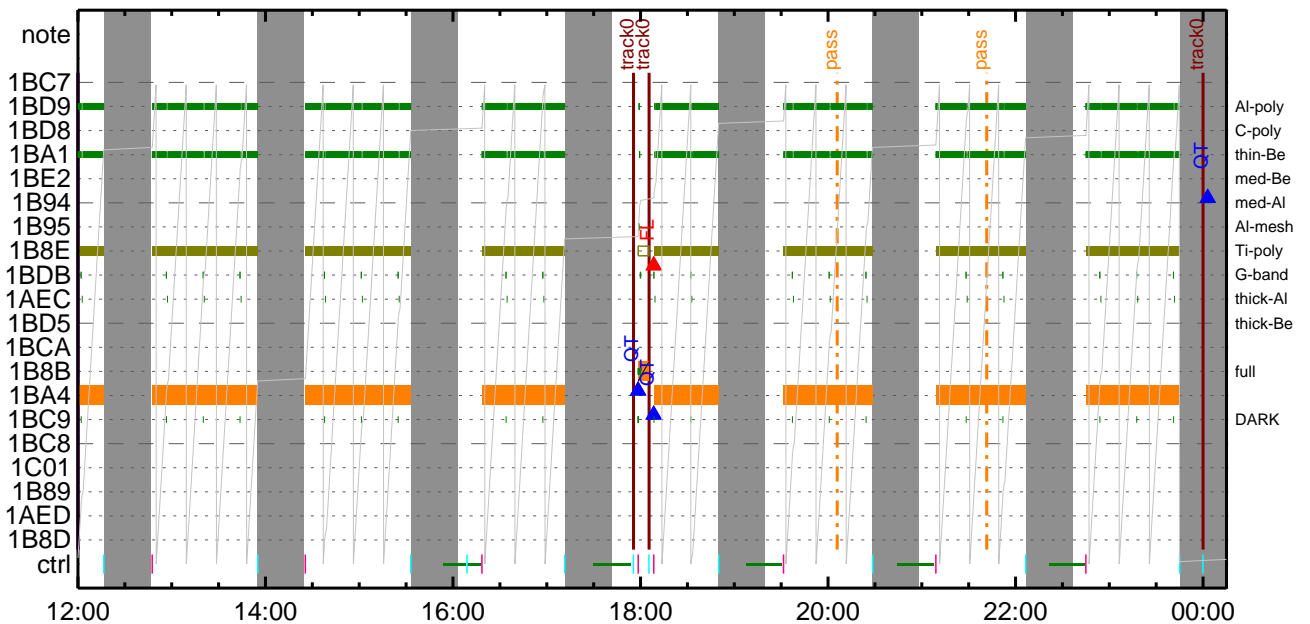
CMDI #0589 2018/06/27



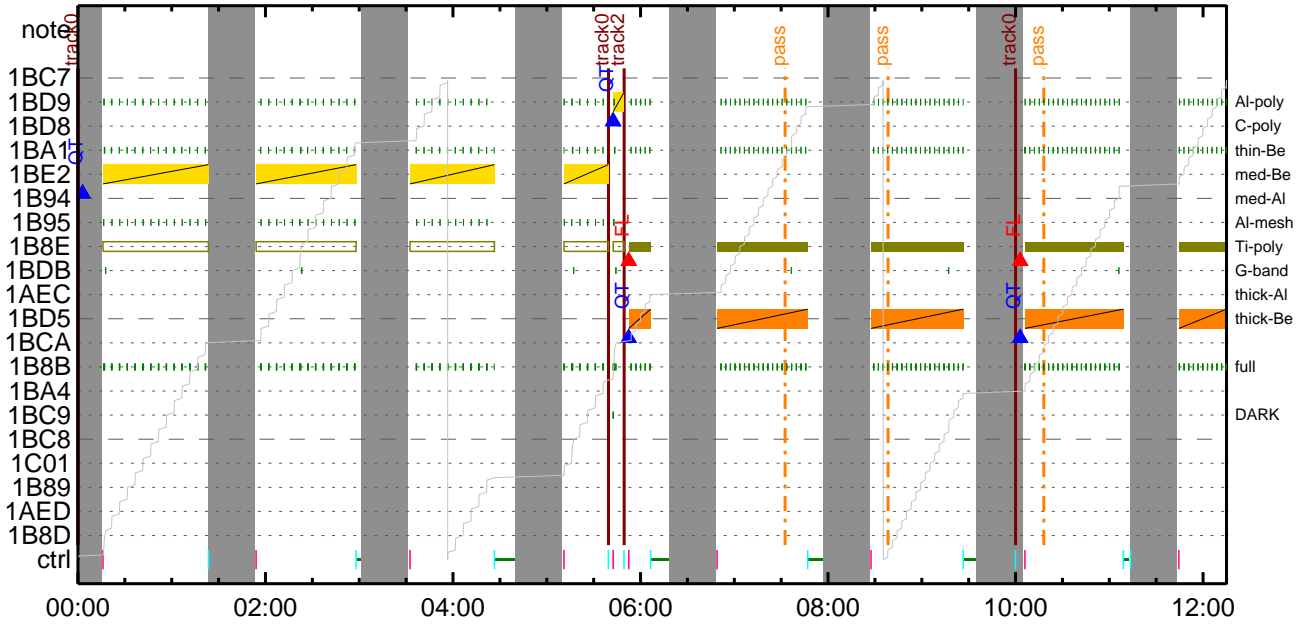
CMDI #0589 2018/06/28



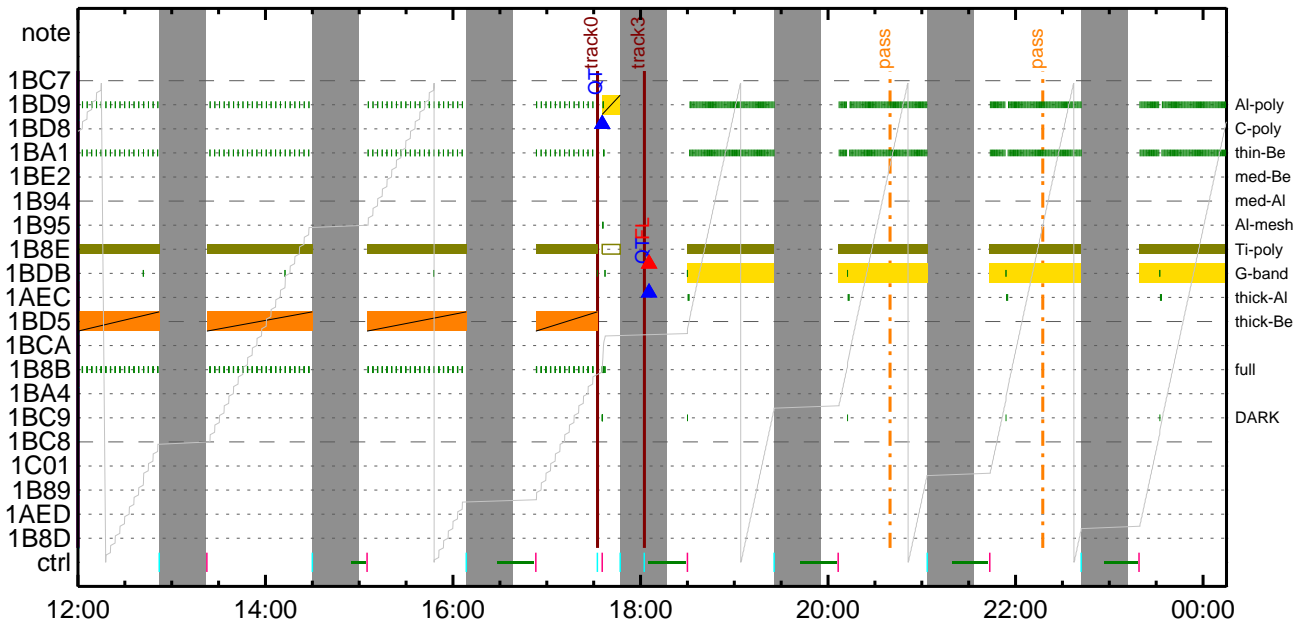
CMDI #0589 2018/06/28



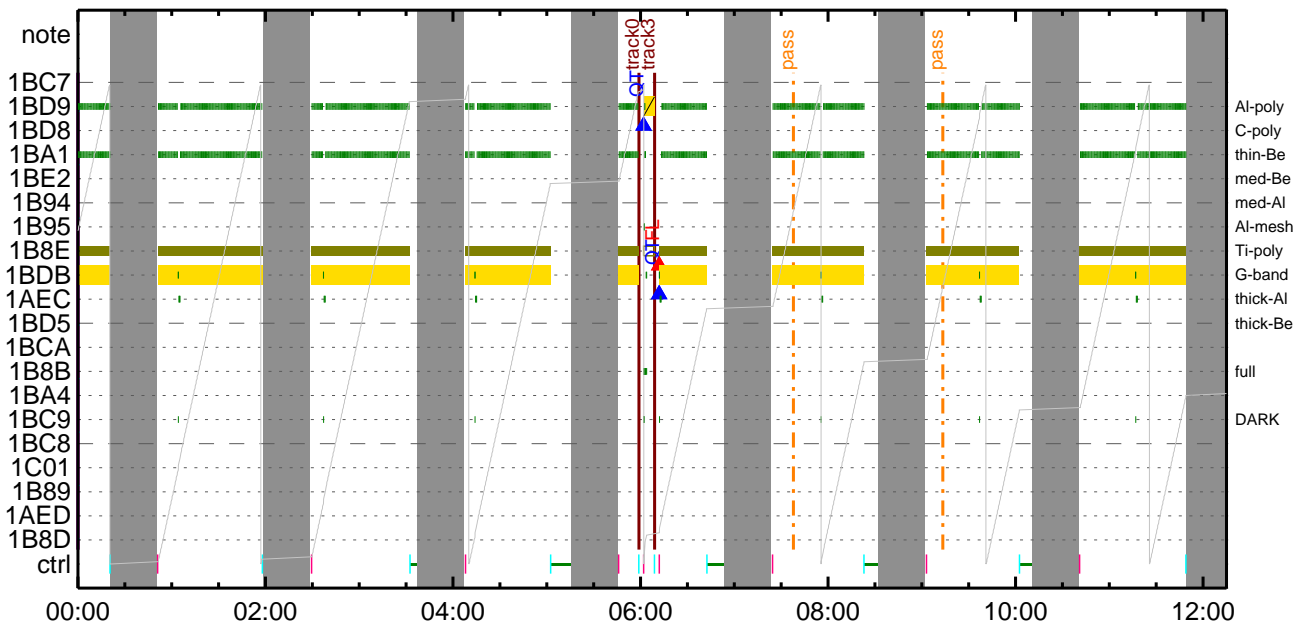
CMDI #0589 2018/06/29



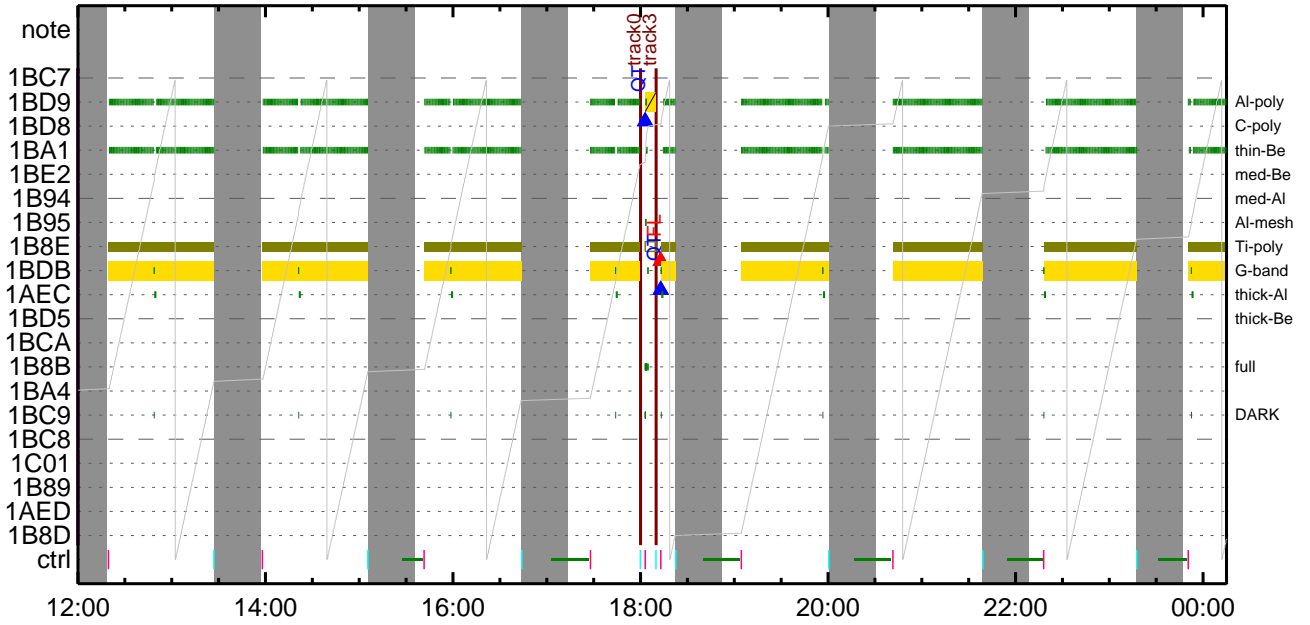
CMDI #0589 2018/06/29



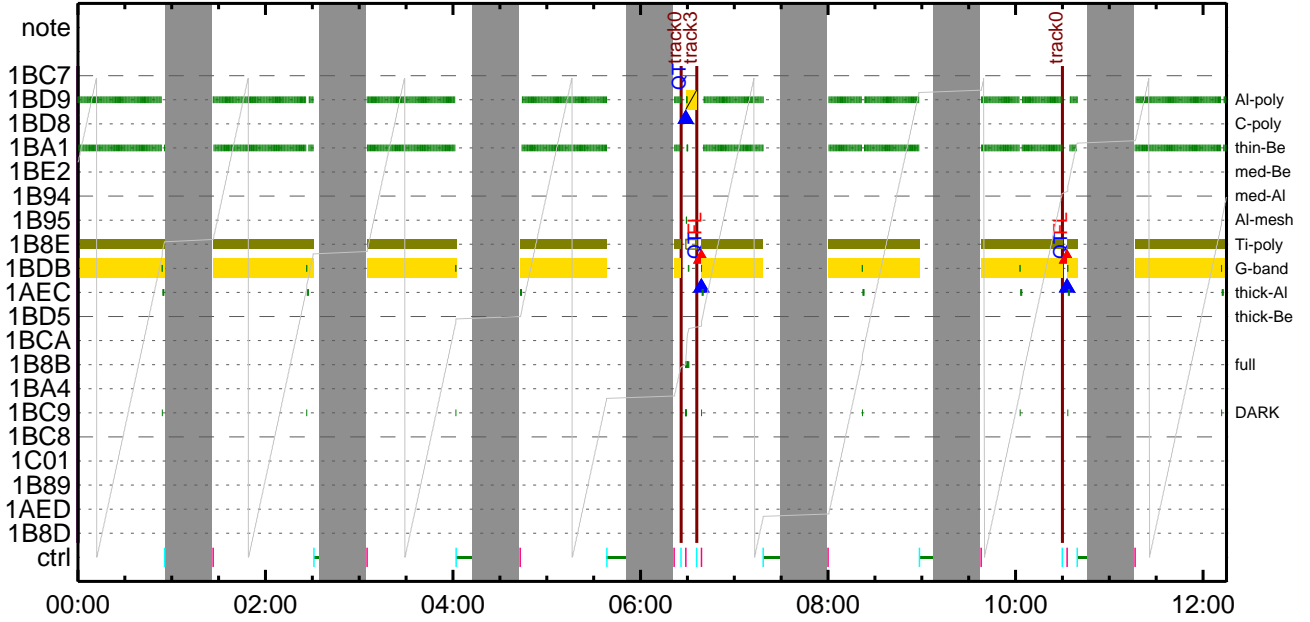
CMDI #0589 2018/06/30



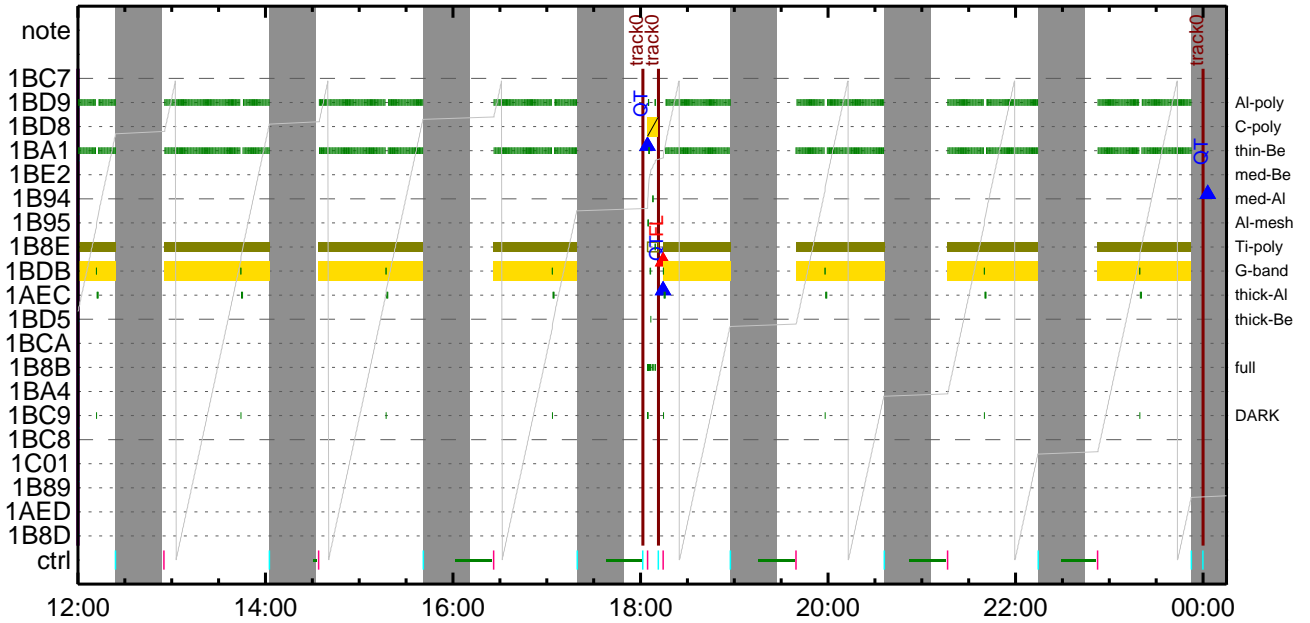
CMDI #0589 2018/06/30



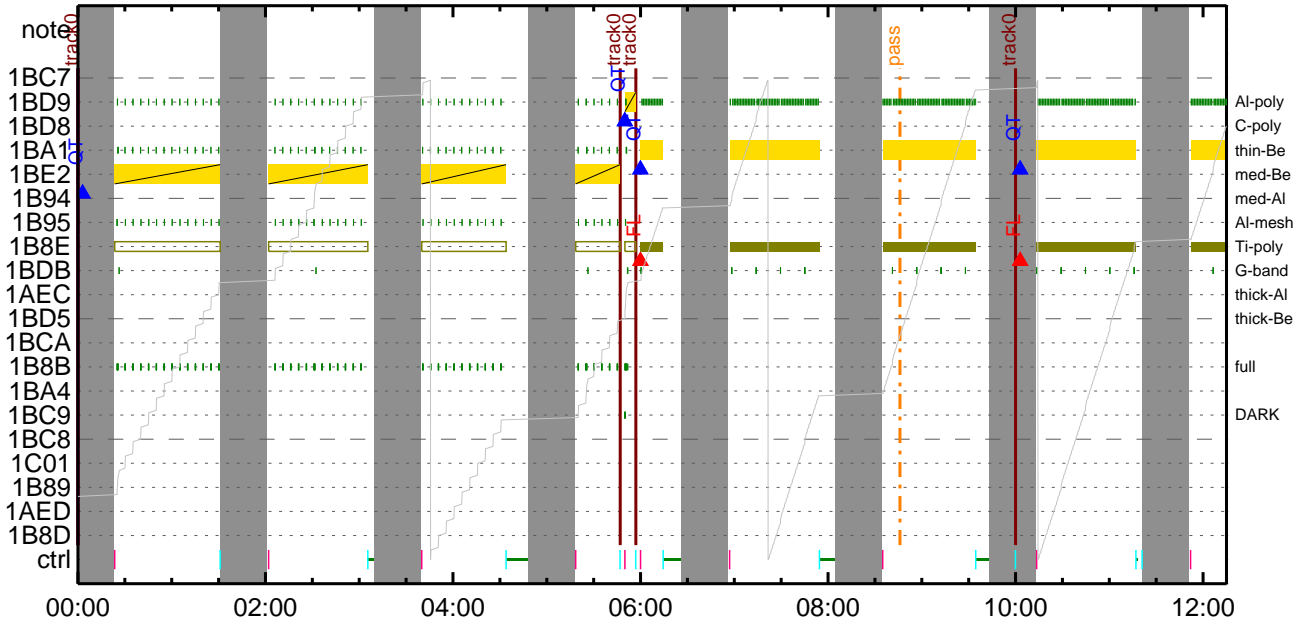
CMDI #0589 2018/07/01



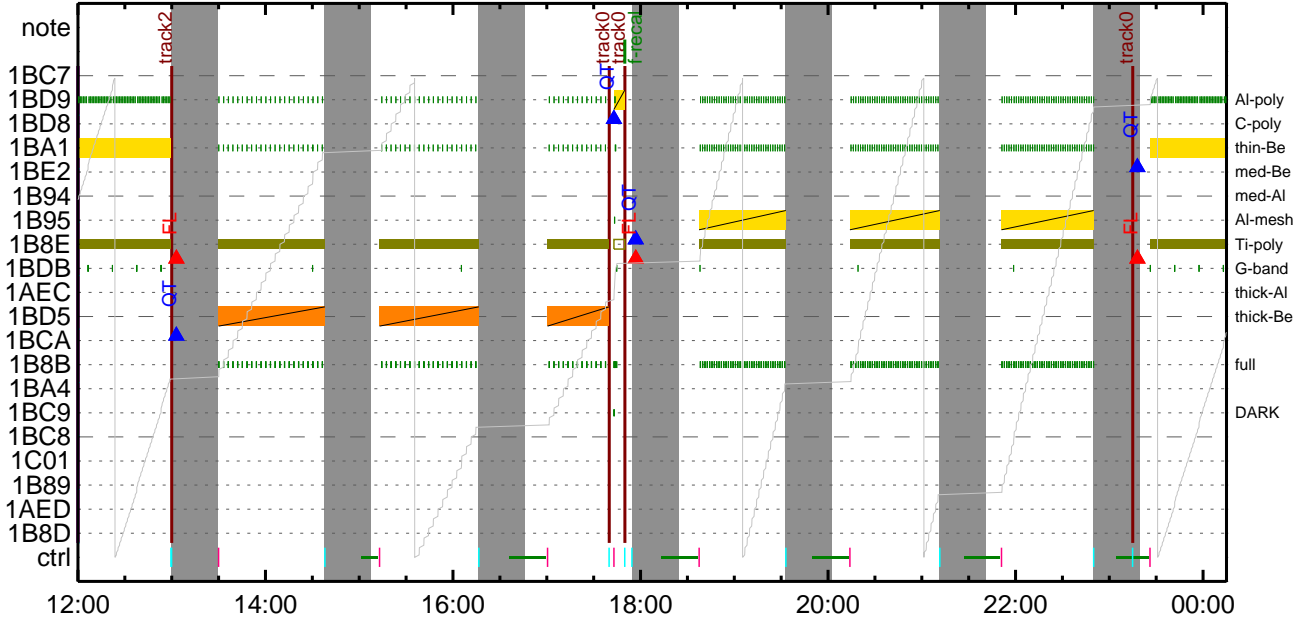
CMDI #0589 2018/07/01



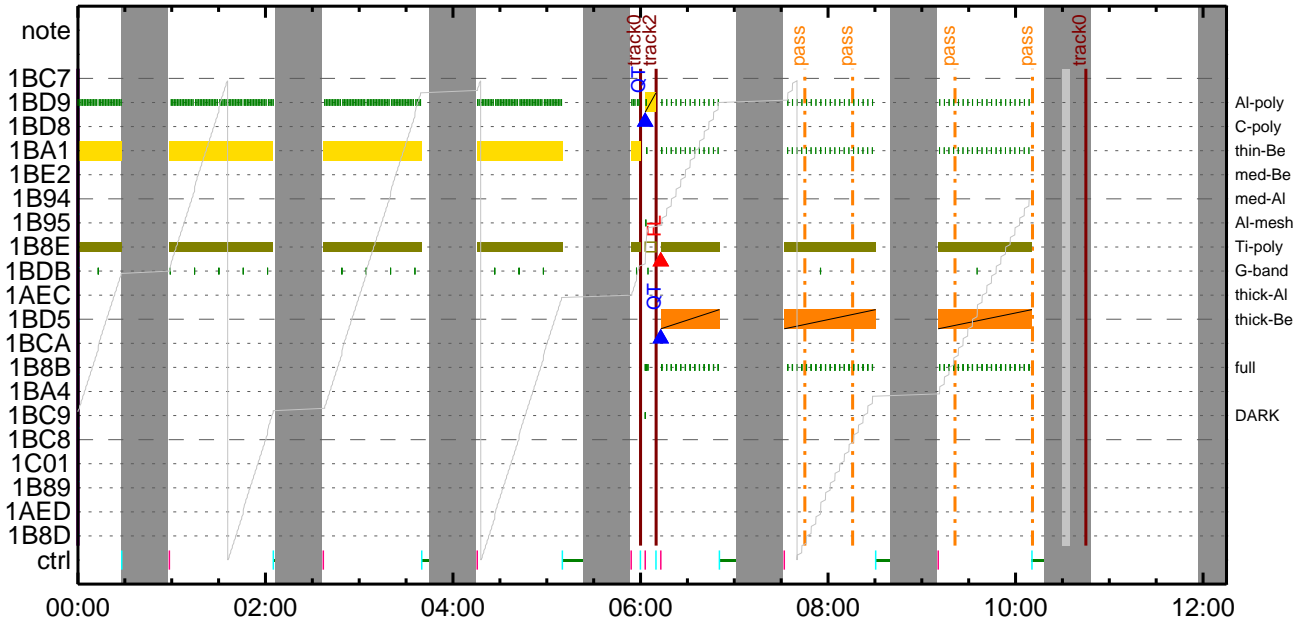
CMDI #0589 2018/07/02



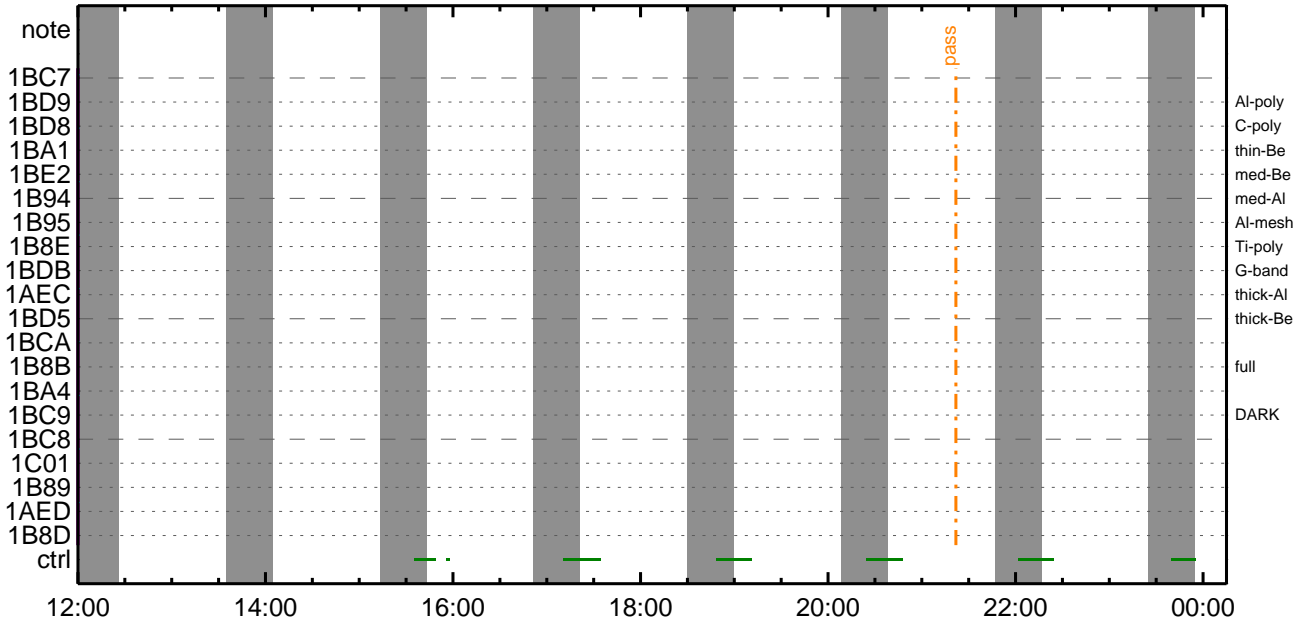
CMDI #0589 2018/07/02



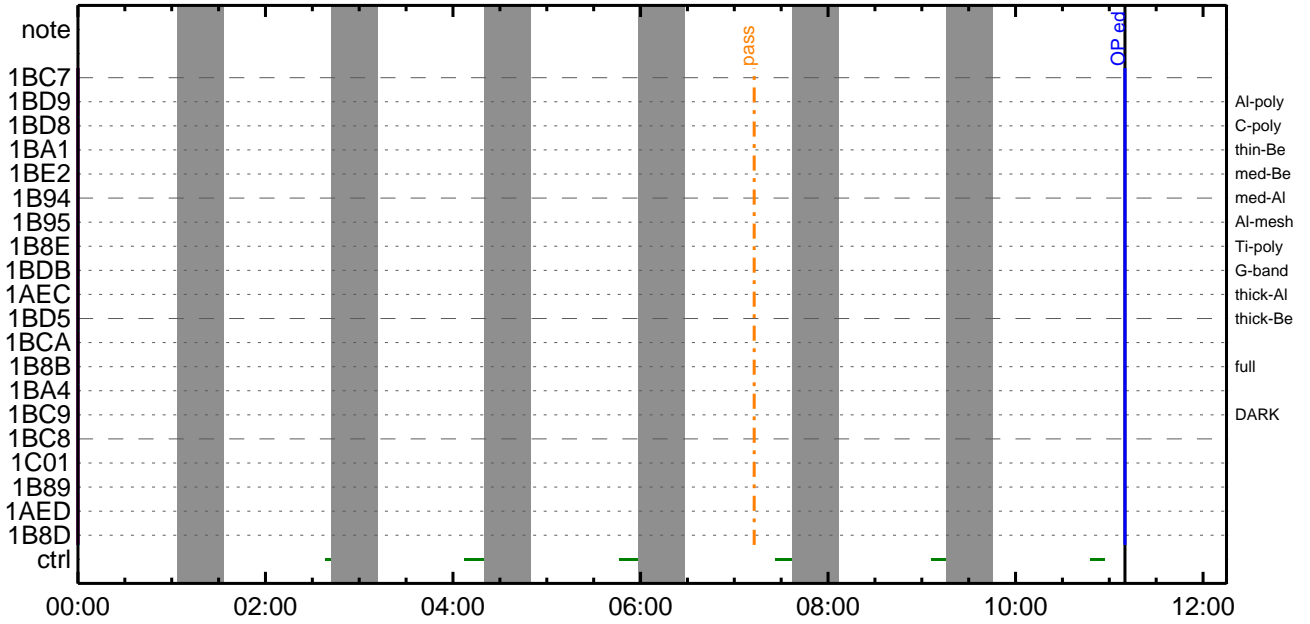
CMDI #0589 2018/07/03



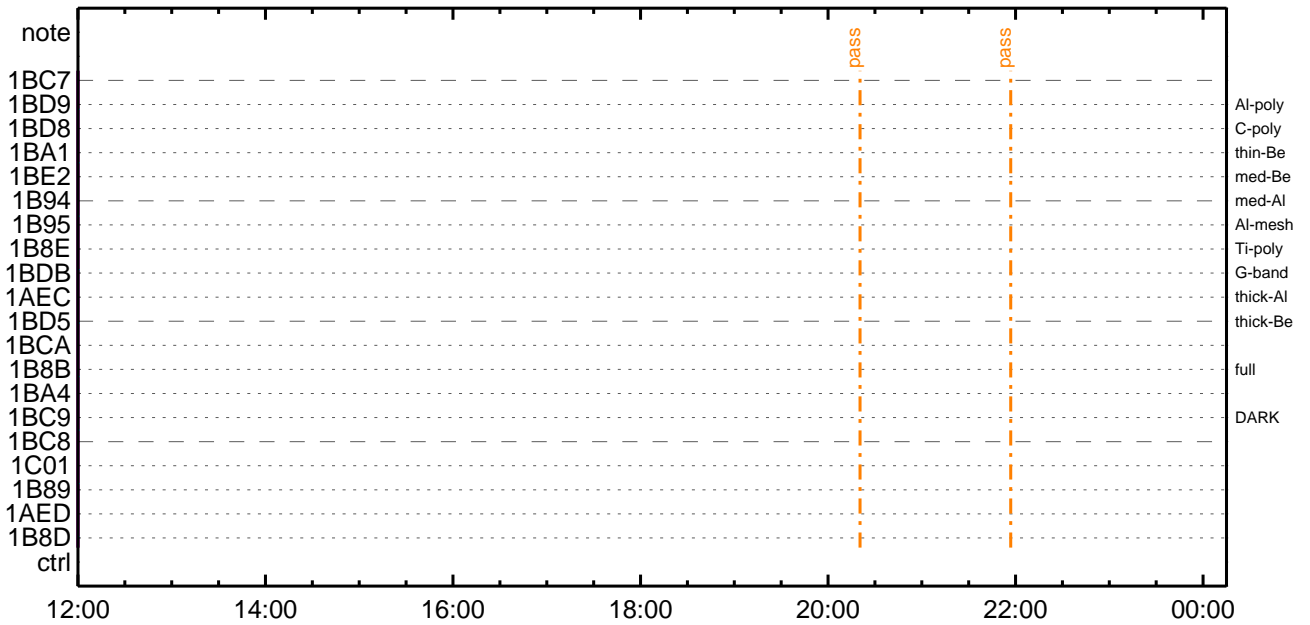
CMDI #0589 2018/07/03



CMDI #0589 2018/07/04



CMDI #0589 2018/07/04




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0096 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0097 C.
0098 C. TI 2018-06-26 11:17:00.0
0099 +. TI 2018-06-26 11:17:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0102 C.
0103 +. TI 2018-06-26 11:17:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0106 C.
0107 +. TI 2018-06-26 11:17:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0110 C.
0111 +. TI 2018-06-26 11:21:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0114 C.
0115 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0116 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0117 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0118 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0119 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0120 C.
0121 C. *****
0122 C. TI 2018-06-26 11:21:59.5
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.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0129 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0130 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0131 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0132 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0136 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0137 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0138 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0139 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0140 C.
0141 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0142 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0143 C.
0144 C. RAM ID=TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0145 C.
0146 C. DHU 2018-06-26 11:21:59.5; 2018-06-26 11:21:59.5; 2018-06-26 11:21:59.5;
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0150 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0151 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0152 C.                01-03; SET 01-03 DUMP 01-03; 01-03; 01-03; 01-03; 01-03;
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2018-06-26 11:21:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC (41)
0161 C.
0162 C.                HK1_TI_CMD_NUM = 1 CNTUP [ ]
0163 C.
0164 C. ***** SOT END *****
0165 C. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2018-06-26 11:21:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC (21 02)
0174 +. TI 2018-06-26 11:21:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC (22)
0177 C.                [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2018-06-26 11:21:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC (c3)
0187 C.                [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 C. ***** MDP 2018-06-26 11:21:00.0; 2018-06-26 11:21:00.0; 2018-06-26 11:21:00.0;
0192 C. (2018-06-26 11:21:00.0; 2018-06-26 11:21:00.0; 2018-06-26 11:21:00.0;
0193 C. DC-BC dcbc-402:DCBC

```

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-472 2018-06-26 13:27:27 134 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿òÁò•µ°È»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈè%µ•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-281: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 2018-06-26 11:21:18.0
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 85 83 08 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 08 80 80 20 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 09 80 80 20 08)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0a 80 80 08 20)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0b 80 80 08 08)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0f 80 80 06 06)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 10 80 80 08 08)
0092 +. DC 07-F0 MDP_XRT_FLD_ENA
0093 BC (d8)
0094 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0095 BC (c8)
```

```
0096 + DC 07-F0 MDP_XRT_ARS_DIS
0097 BC (d5)
0098 + DC 07-F0 MDP_XRT_AEC_RESET
0099 BC (d0)
0100 + DC 07-F0 MDP_XRT_FLD_RESET
0101 BC (da)
0102 + DC 07-F0 MDP_XRT_QT_PROG_SET
0103 BC (c4 0c)
0104 + DC 07-F0 MDP_XRT_FL_PROG_SET
0105 BC (c5 0d)
0106 . C. ----- Success Verify ? OK / NG ____
0107 C.
0108 C.
0109 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0110 C.
0111 + DC 07-F0 MDP_XRT_MODE_OBSV
0112 BC (c2)
0113 + TI 2018-06-26 11:21:02.0
0114 DC 07-F0 MDP_XRT_MODE_OBSV
0115 BC (c2)
0116 . C. ----- Success Verify ? OK / NG ____
0117 C.
0118 C. ***** XRT END *****
0119 C.
0120 . C. ***** MDP `úÃîñî»ò%ÝñÊÃðñ¹ñèDCBC•x²è *****
0121 C. (%á°îÝÓÝÃÝÈÝÞÝËÝáÝçÝèñÊ½¼ñ¼Ã»Ûñ¹ñè)
0122 . S. DC-BC dcbc-402:DCBC
0123 (MDP_known_event)
0124 C.
0125 C.
0126 . C. ***** ÝDÝ¹•Ï Daily±¿ÍÑñÊ´Øñ¹ñèDCBC•x²è *****
0127 . S. DC-BC dcbc-153:DCBC
0128 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0129 C.
0130 C.
0131 . C. ¡ãLOSÝÁÝ$ÝÃÝ-¼Ã»Ûñ¹ñè
0132 C.
0133 . C. ***** LOS *****
0134 C.
```



```

0096 C.
0097 C.
0098 C.
0099 . C. ***** MDP ´ûÃî±î»ô¼ÿ±èÃ±±èDCBC•x²è *****
0100 . C. (¼ã°îÿÓÿÃÿÈÿËÿËÿáÿçÿè±É¼±¼Ã»Û±±è)
0101 . S. DC-BC dcbc-402:DCBC
0102 . (MDP_known_event)
0103 C.
0104 C.
0105 . C. ***** ¼Dÿ!•Ï Daily±;îÑ±è´Ø±±èDCBC•x²è *****
0106 . S. DC-BC dcbc-153:DCBC
0107 . (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0108 C.
0109 C.
0110 . C. ;ãLOSÿÁÿSÿÿÿÿ-¼Ã»Û;ã
0111 C.
0112 . C. ***** LOS *****
0113 C.

```

*** OP Sequence for XRT ***

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2018/06/26 11:31:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/06/26 11:31:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2018/06/26 11:32:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 04 00 00 00 00
2018/06/26 11:32:16.0 XRT_FLD_ENA_421_OG [0x1a5]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/06/26 11:34:48.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/06/26 11:34:50.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2018/06/26 11:34:52.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/06/26 11:34:54.0 XRT_FLD_RESET_420_OG [0x1a4]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/06/26 11:34:56.0 XRT_QT_PROG_SET_425_OG [0x1a9]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 07
2018/06/26 11:34:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2018/06/26 11:35:30.0 XRT_Custom_430_OG [0x1ae]
2018/06/26 11:36:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/06/26 12:44:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/06/26 12:44:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/06/26 12:44:04.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/06/26 12:47:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/06/26 13:14:00.0 XRT_Custom_430_OG [0x1ae]
2018/06/26 13:15:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/06/26 14:22:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/06/26 14:22:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/06/26 14:22:34.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/06/26 14:25:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/06/26 14:55:30.0 XRT_Custom_430_OG [0x1ae]
2018/06/26 14:56:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/06/26 16:01:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/06/26 16:01:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/06/26 16:01:04.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/06/26 16:04:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/06/26 16:44:31.0 XRT_Custom_430_OG [0x1ae]
2018/06/26 16:45:31.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/06/26 17:39:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/06/26 17:39:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/06/26 17:39:04.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/06/26 17:42:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/06/26 18:20:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/06/26 18:20:56.0 XRT_FOCUS_POSITION_403_OG [0x193]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2018/06/26 18:21:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2018/06/26 18:21:16.0 XRT_FLD_DIS_401_OG [0x191]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2018/06/26 18:21:18.0 XRT_FLRCTRL_DIS_405_OG [0x195]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2018/06/26 18:21:20.0 XRT_ARS_DIS_409_OG [0x199]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/06/26 18:23:58.0 XRT_QT_PROG_SET_428_OG [0x1ac]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2018/06/26 18:24:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/06/26 18:30:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/06/26 18:30:56.0 XRT_FOCUS_POSITION_403_OG [0x193]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2018/06/26 18:31:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 01 00 00 00 00
2018/06/26 18:31:16.0 XRT_FLD_ENA_421_OG [0x1a5]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/06/26 18:33:48.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/06/26 18:33:50.0 XRT_AEC_RESET_448_OG [0x1c0]

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2018/06/26	18:33:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/06/26	18:33:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2018/06/26	18:33:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/06/26	18:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/26	19:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/26	19:17:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/26	19:17:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/26	19:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/26	19:58:01.0	XRT_Custom_430_OG [0x1ae]					
2018/06/26	19:59:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/26	20:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/26	20:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/26	20:56:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/26	20:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/26	21:35:01.0	XRT_Custom_430_OG [0x1ae]					
2018/06/26	21:36:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/26	22:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/26	22:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/26	22:34:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/26	22:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/26	23:10:30.0	XRT_Custom_430_OG [0x1ae]					
2018/06/26	23:11:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/26	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/06/26	23:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2018/06/27	00:00:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00 00
2018/06/27	00:00:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/06/27	00:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/06/27	00:00:20.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/06/27	00:02:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2018/06/27	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/27	00:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/27	00:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2018/06/27	00:10:00.0	AOCS_Or-e-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00	00 00
2018/06/27	00:10:16.0	XRT_FLD_ENA_431_OG [0x1af]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/06/27	00:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/06/27	00:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/06/27	00:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/06/27	00:10:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/27	00:10:26.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2018/06/27	00:10:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/06/27	00:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/27	00:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/27	00:12:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/27	00:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/27	00:42:30.0	XRT_Custom_430_OG [0x1ae]					
2018/06/27	00:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/27	01:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2018/06/27	01:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	01:51:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	01:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	02:21:00.0	XRT_Custom_430_OG [0x1ae]								
2018/06/27	02:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	03:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	03:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	03:25:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	03:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	03:59:00.0	XRT_Custom_430_OG [0x1ae]								
2018/06/27	04:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	04:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	04:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	04:54:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	04:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	05:37:30.0	XRT_Custom_430_OG [0x1ae]								
2018/06/27	05:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	06:05:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/06/27	06:05:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00				
2018/06/27	06:05:46.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/06/27	06:05:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/06/27	06:05:50.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/27	06:08:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/06/27	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	06:15:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/06/27	06:15:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00				
2018/06/27	06:15:46.0	XRT_FLD_ENA_421_OG [0x1a5]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/06/27	06:18:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/06/27	06:18:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/06/27	06:18:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/27	06:18:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	06:18:26.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/06/27	06:18:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/06/27	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	06:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	06:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	06:35:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	06:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	07:16:00.0	XRT_Custom_430_OG [0x1ae]								
2018/06/27	07:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	08:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	08:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	08:15:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	08:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	08:54:00.0	XRT_Custom_430_OG [0x1ae]								
2018/06/27	08:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	09:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

2018/06/27	09:54:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	09:54:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	09:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	10:32:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	10:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	11:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	11:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	11:41:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	11:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	12:11:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	12:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	13:19:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	13:19:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	13:19:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	13:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	13:49:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	13:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	14:58:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	14:58:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	14:58:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	15:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	15:32:31.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	15:33:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	16:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	16:36:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	16:36:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	16:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	17:19:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	17:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/06/27	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/06/27	18:00:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/06/27	18:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/06/27	18:00:20.0	XRT_ARS_DIS_409_OG [0x199]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/27	18:02:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/06/27	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	18:09:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/06/27	18:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2018/06/27	18:10:16.0	XRT_FLD_ENA_421_OG [0x1a5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/06/27	18:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/06/27	18:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/06/27	18:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/27	18:12:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	18:12:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2018/06/27	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/06/27	18:14:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	18:14:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

2018/06/27	18:14:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	18:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	18:56:01.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	18:57:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	19:53:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	19:53:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	19:53:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	19:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	20:33:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	20:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	21:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	21:31:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	21:31:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	21:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	22:09:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	22:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/27	23:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/27	23:09:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/27	23:09:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/27	23:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/27	23:44:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/27	23:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	00:34:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	00:34:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/06/28	00:35:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/06/28	00:35:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/06/28	00:35:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/06/28	00:35:20.0	XRT_ARS_DIS_409_OG [0x199]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/28	00:37:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/06/28	00:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	00:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	00:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/06/28	00:45:00.0	AOCs_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 f9 dc af cf				
2018/06/28	00:45:16.0	XRT_FLD_ENA_421_OG [0x1a5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/06/28	00:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/06/28	00:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/06/28	00:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/28	00:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	00:47:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/06/28	00:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/06/28	00:48:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	00:48:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	00:48:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	00:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	01:18:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	01:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	02:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	02:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	02:24:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

2018/06/28	02:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	02:56:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	02:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	03:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	03:56:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	03:56:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	03:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	04:34:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	04:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	05:30:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	05:30:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	05:30:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	05:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	06:13:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	06:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	06:18:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	06:18:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/06/28	06:18:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/06/28	06:18:46.0	XRT_FLD_DIS_441_OG [0x1b9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/06/28	06:21:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/06/28	06:21:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/28	06:21:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2018/06/28	06:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	06:28:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	06:28:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/06/28	06:28:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 f9 dc af cf				
2018/06/28	06:28:46.0	XRT_FLD_ENA_421_OG [0x1a5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/06/28	06:31:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/06/28	06:31:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/06/28	06:31:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/28	06:31:24.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	06:31:26.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/06/28	06:31:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/06/28	06:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	07:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	07:11:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	07:11:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	07:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	07:51:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	07:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	08:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	08:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	08:50:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	08:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	09:29:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	09:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	10:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	10:31:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	10:31:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2018/06/28	10:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	11:08:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	11:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	12:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	12:16:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	12:16:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	12:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	12:46:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	12:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	13:55:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	13:55:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	13:55:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	13:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	14:24:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	14:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	15:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	15:33:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	15:33:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	15:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	16:09:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	16:09:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	16:09:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	16:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	16:17:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/28	16:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	17:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	17:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	17:11:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/06/28	17:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/06/28	17:55:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	17:55:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/06/28	17:55:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/06/28	17:55:46.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/06/28	17:55:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/06/28	17:55:50.0	XRT_ARS_DIS_409_OG [0x199]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/28	17:58:28.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/06/28	17:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	18:05:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/06/28	18:05:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/06/28	18:05:30.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 f9 dc af cf				
2018/06/28	18:05:46.0	XRT_FLD_ENA_421_OG [0x1a5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/06/28	18:08:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/06/28	18:08:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/06/28	18:08:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/06/28	18:08:24.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/06/28	18:08:26.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2018/06/28	18:08:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/06/28	18:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/06/28	18:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							

2018/06/28	18:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/28	18:50:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/06/28	18:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/06/28	19:30:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/06/28	19:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/06/28	20:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/28	20:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/06/28	20:28:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/06/28	20:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/06/28	21:08:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/06/28	21:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/28	22:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/28	22:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/06/28	22:06:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/06/28	22:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/06/28	22:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/06/28	22:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/28	23:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/28	23:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/06/28	23:45:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/06/28	23:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/06/28	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/28	23:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/06/29	00:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/06/29	00:00:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/06/29	00:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/06/29	00:00:20.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/06/29	00:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2018/06/29	00:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/06/29	00:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	01:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	01:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/06/29	01:23:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/06/29	01:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/06/29	01:53:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/06/29	01:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	02:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	02:58:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/06/29	02:58:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/06/29	03:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/06/29	03:31:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/06/29	03:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	04:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	04:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/06/29	04:26:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/06/29	04:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/06/29	05:10:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/06/29	05:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	05:39:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/06/29	05:39:26.0	XRT_FOCUS_POSITION_403_OG [0x193]						

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2018/06/29	05:39:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
			AOCU_NM	5	02-76	00	00	00	00
2018/06/29	05:39:46.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/06/29	05:39:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/06/29	05:39:50.5	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/06/29	05:42:28.5	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13		
2018/06/29	05:42:30.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/06/29	05:49:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/06/29	05:49:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/06/29	05:49:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02	00	00	00
2018/06/29	05:49:46.0	XRT_FLD_ENA_421_OG [0x1a5]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/06/29	05:52:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/06/29	05:52:20.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/06/29	05:52:22.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/06/29	05:52:24.5	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/06/29	05:52:26.5	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2018/06/29	05:52:28.5	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/06/29	05:52:30.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/06/29	06:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/06/29	06:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/06/29	06:06:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/06/29	06:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/06/29	06:48:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/29	06:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/06/29	07:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/06/29	07:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/06/29	07:47:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/06/29	07:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/06/29	08:26:30.0	XRT_Custom_430_OG [0x1ae]							
2018/06/29	08:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/06/29	09:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/06/29	09:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/06/29	09:26:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/06/29	09:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/06/29	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/06/29	09:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/06/29	10:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	50	00	00
2018/06/29	10:00:16.0	XRT_FLD_ENA_421_OG [0x1a5]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/06/29	10:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/06/29	10:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/06/29	10:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/06/29	10:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/06/29	10:02:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2018/06/29	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/06/29	10:05:00.0	XRT_Custom_430_OG [0x1ae]							
2018/06/29	10:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/06/29	11:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/06/29	11:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/06/29	11:09:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							

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2018/06/29	11:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/29	11:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/29	11:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/29	11:13:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/29	11:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/29	11:43:30.0	XRT_Custom_430_OG [0x1ae]					
2018/06/29	11:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/29	12:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/29	12:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/29	12:52:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/29	12:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/29	13:21:30.0	XRT_Custom_430_OG [0x1ae]					
2018/06/29	13:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/29	14:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/29	14:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/29	14:30:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/29	14:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/29	15:04:00.0	XRT_Custom_430_OG [0x1ae]					
2018/06/29	15:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/29	16:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/29	16:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/29	16:08:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/29	16:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/29	16:52:00.0	XRT_Custom_430_OG [0x1ae]					
2018/06/29	16:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/29	17:32:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/29	17:32:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/06/29	17:32:30.0	AOCS_Orе-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/06/29	17:32:46.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/06/29	17:32:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/06/29	17:32:50.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/06/29	17:35:28.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2018/06/29	17:35:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/29	17:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/29	17:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/29	17:47:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/29	17:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/29	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/29	18:02:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/06/29	18:02:30.0	AOCS_Orе-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	03 00 00 00 00	
2018/06/29	18:02:46.0	XRT_FLD_ENA_421_OG [0x1a5]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/06/29	18:05:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/06/29	18:05:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/06/29	18:05:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/06/29	18:05:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/29	18:05:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2018/06/29	18:05:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/06/29	18:29:01.0	XRT_Custom_430_OG [0x1ae]					
2018/06/29	18:30:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]					

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2018/06/29	19:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/29	19:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/29	19:25:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/29	19:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/29	20:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/29	20:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/06/29	21:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/29	21:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/29	21:03:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/29	21:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/29	21:42:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/29	21:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/06/29	22:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/29	22:42:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/29	22:42:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/29	22:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/29	23:18:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/29	23:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/06/30	00:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	00:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	00:20:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	00:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	00:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	00:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/06/30	01:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	01:58:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	01:58:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	02:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	02:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	02:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/06/30	03:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	03:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	03:32:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	03:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	04:07:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	04:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/06/30	05:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	05:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	05:02:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	05:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	05:45:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	05:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/06/30	05:58:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	05:58:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	05:59:00.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/06/30	05:59:16.0	XRT_FLD_DIS_401_OG [0x191]	AOCU_NM	5	02-76	00 00 00 00 00
2018/06/30	05:59:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2018/06/30	05:59:20.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/06/30	06:01:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/06/30	06:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13

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2018/06/30	06:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	06:08:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	06:09:00.0	AOCs_OrE-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/06/30	06:09:16.0	XRT_FLD_ENA_421_OG [0x1a5]	AOCU_NM	5	02-76	03 00 00 00 00
2018/06/30	06:11:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/06/30	06:11:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/06/30	06:11:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/06/30	06:11:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/06/30	06:11:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	06:11:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2018/06/30	06:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/06/30	06:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	06:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	06:42:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	06:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	07:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	07:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/06/30	08:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	08:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	08:23:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	08:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	09:02:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	09:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/06/30	10:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	10:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	10:02:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	10:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	10:40:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	10:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/06/30	11:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	11:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	11:49:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	11:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	12:18:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	12:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/06/30	13:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	13:27:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	13:27:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	13:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	13:57:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	13:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/06/30	15:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	15:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/06/30	15:05:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/06/30	15:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/06/30	15:40:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/06/30	15:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/06/30	16:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/06/30	16:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_FLD_RESET	1	07-F0	da

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2018/06/30	16:44:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/30	16:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/30	17:27:00.0	XRT_Custom_430_OG [0x1ae]					
2018/06/30	17:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/30	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/30	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/06/30	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/06/30	18:00:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/06/30	18:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/06/30	18:00:20.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/06/30	18:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2018/06/30	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/30	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/30	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/06/30	18:10:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	03 00 00 00 00	
2018/06/30	18:10:16.0	XRT_FLD_ENA_421_OG [0x1a5]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/06/30	18:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/06/30	18:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/06/30	18:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/06/30	18:12:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/30	18:12:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2018/06/30	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/06/30	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/30	18:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/30	18:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/30	18:22:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/30	18:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/30	19:03:31.0	XRT_Custom_430_OG [0x1ae]					
2018/06/30	19:04:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/30	20:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/30	20:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/30	20:00:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/30	20:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/30	20:40:30.0	XRT_Custom_430_OG [0x1ae]					
2018/06/30	20:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/30	21:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/30	21:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/30	21:39:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/30	21:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/30	22:17:00.0	XRT_Custom_430_OG [0x1ae]					
2018/06/30	22:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/06/30	23:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/06/30	23:17:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/06/30	23:17:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/06/30	23:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/06/30	23:49:30.0	XRT_Custom_430_OG [0x1ae]					
2018/06/30	23:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/01	00:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/01	00:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	

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2018/07/01	00:55:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	00:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	01:25:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	01:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	02:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	02:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	02:31:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	02:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	03:04:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	03:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	04:02:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	04:02:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	04:02:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	04:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	04:42:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	04:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	05:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	05:38:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	05:38:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	05:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	06:20:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	06:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	06:25:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	06:25:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/01	06:26:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/01	06:26:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/01	06:26:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/01	06:26:20.0	XRT_ARS_DIS_409_OG [0x199]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/01	06:28:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2018/07/01	06:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	06:35:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	06:35:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/01	06:36:00.0	AOCs_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2018/07/01	06:36:16.0	XRT_FLD_ENA_421_OG [0x1a5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/01	06:38:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/01	06:38:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/01	06:38:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/01	06:38:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	06:38:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2018/07/01	06:38:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/01	06:39:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	07:18:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	07:18:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	07:18:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	07:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	07:59:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	08:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	08:58:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	08:58:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

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2018/07/01	08:58:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	09:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	09:37:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	09:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	10:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	10:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/01	10:30:00.0	AOCS_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00 ee da b2 25				
2018/07/01	10:30:16.0	XRT_FLD_ENA_421_OG [0x1a5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/01	10:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/01	10:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/01	10:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/01	10:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	10:32:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2018/07/01	10:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/01	10:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	10:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	10:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	10:39:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	10:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	11:15:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	11:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	12:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	12:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	12:24:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	12:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	12:54:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	12:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	14:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	14:02:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	14:02:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	14:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	14:33:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	14:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	15:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	15:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	15:41:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	15:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	16:25:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	16:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	17:19:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	17:19:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	17:19:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	17:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	18:01:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	18:01:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/01	18:01:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/01	18:01:46.0	XRT_FLD_DIS_441_OG [0x1b9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/01	18:04:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/01	18:04:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

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2018/07/01	18:04:28.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2018/07/01	18:04:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	18:11:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	18:11:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/07/01	18:11:30.0	AOCS_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00	ee	da	b2	25
2018/07/01	18:11:46.0	XRT_FLD_ENA_421_OG [0x1a5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/01	18:14:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/01	18:14:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/01	18:14:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/01	18:14:24.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	18:14:26.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c			
2018/07/01	18:14:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/07/01	18:14:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	18:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	18:57:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	18:57:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	19:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	19:38:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	19:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	20:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	20:36:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	20:36:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	20:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	21:15:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	21:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	22:14:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	22:14:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	22:14:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	22:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	22:51:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/01	22:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/01	23:52:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	23:52:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/01	23:52:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/01	23:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/01	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/01	23:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/07/02	00:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2018/07/02	00:00:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/02	00:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/02	00:00:20.0	XRT_ARS_DIS_409_OG [0x199]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/02	00:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2018/07/02	00:22:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	00:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	01:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	01:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/02	01:31:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/02	01:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/02	02:01:00.0	XRT_Custom_430_OG [0x1ae]							

2018/07/02	02:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	03:05:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	03:05:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/02	03:05:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/02	03:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/02	03:39:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	03:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	04:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	04:34:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/02	04:34:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/02	04:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/02	05:17:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	05:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	05:46:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	05:46:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/02	05:47:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/02	05:47:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/02	05:47:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/02	05:47:20.0	XRT_ARS_DIS_409_OG [0x199]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/02	05:49:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2018/07/02	05:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	05:56:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/02	05:57:00.0	AOCS_Ore-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00 c3 34 01 99				
2018/07/02	05:57:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/02	05:57:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/02	05:57:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/02	05:57:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/02	05:57:24.0	XRT_FLD_RESET_416_OG [0x1a0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/02	05:59:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2018/07/02	05:59:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/02	06:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	06:14:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	06:14:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/02	06:14:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/02	06:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/02	06:56:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	06:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	07:54:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	07:54:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/02	07:54:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/02	07:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/02	08:34:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	08:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/02	09:34:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/02	09:34:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/02	09:34:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/02	09:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/02	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							

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2018/07/02	09:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/02	10:00:00.0	AOCs_OrE-point_Start_10_OG [0x0a0]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/07/02	10:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 3e d9 01 99
2018/07/02	10:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/02	10:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/02	10:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/02	10:00:24.0	XRT_FLD_RESET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/02	10:02:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/02	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2018/07/02	10:12:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/02	10:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2018/07/02	11:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/02	11:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/02	11:17:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/02	11:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/02	11:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/02	11:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/02	11:21:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/02	11:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/02	11:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/02	11:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2018/07/02	12:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/02	12:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/02	12:59:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/02	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/02	12:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/02	13:00:00.0	AOCs_OrE-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/02	13:00:16.0	XRT_FLD_ENA_421_OG [0x1a5]	AOCU_NM	5	02-76	02 00 00 00 00
2018/07/02	13:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/02	13:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/02	13:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/02	13:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/02	13:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/02	13:02:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/02	13:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2018/07/02	13:29:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/02	13:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2018/07/02	14:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/02	14:38:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/02	14:38:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/02	14:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/02	15:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/02	15:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2018/07/02	16:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/02	16:16:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/02	16:16:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/02	16:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/02	16:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/02	17:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0

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2018/07/02	17:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/02	17:39:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/02	17:40:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2018/07/02	17:40:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/07/02	17:40:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/07/02	17:40:20.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/02	17:42:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13		
2018/07/02	17:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/02	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/02	17:49:56.0	XRT_FOCUS_RECALIBRATE_429_OG [0x1ad]	XRT_FOCUS_RECAL	2	07-F8	78	00		
2018/07/02	17:50:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	50	00	00
2018/07/02	17:53:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/02	17:54:16.0	XRT_FLD_ENA_421_OG [0x1a5]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/02	17:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/02	17:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/02	17:54:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/02	17:56:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/02	17:56:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/02	17:56:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/02	17:56:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/02	17:56:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e		
2018/07/02	17:56:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/02	17:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/02	18:36:31.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	18:37:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/02	19:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/02	19:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/02	19:33:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/02	19:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/02	20:13:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	20:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/02	21:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/02	21:11:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/02	21:11:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/02	21:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/02	21:50:01.0	XRT_Custom_430_OG [0x1ae]							
2018/07/02	21:51:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/02	22:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/02	22:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/02	22:50:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/02	22:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/02	23:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/02	23:14:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2018/07/02	23:15:00.0	AOCS_Ore-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	b0	73	00
2018/07/02	23:15:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/02	23:15:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/02	23:15:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/02	23:15:22.0	XRT_ARS_DIS_423_OG [0x1a7]							

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2018/07/02	23:15:24.0	XRT_FLD_RESET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/02	23:17:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11	
2018/07/02	23:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/02	23:25:01.0	XRT_Custom_430_OG [0x1ae]						
2018/07/02	23:26:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/03	00:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/03	00:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/03	00:28:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/03	00:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/03	00:57:30.0	XRT_Custom_430_OG [0x1ae]						
2018/07/03	00:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/03	02:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/03	02:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/03	02:05:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/03	02:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/03	02:36:00.0	XRT_Custom_430_OG [0x1ae]						
2018/07/03	02:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/03	03:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/03	03:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/03	03:40:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/03	03:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/03	04:14:30.0	XRT_Custom_430_OG [0x1ae]						
2018/07/03	04:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/03	05:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/03	05:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/03	05:10:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/03	05:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/03	05:53:00.0	XRT_Custom_430_OG [0x1ae]						
2018/07/03	05:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/03	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/03	05:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/07/03	06:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00	
2018/07/03	06:00:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/07/03	06:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/07/03	06:00:20.0	XRT_ARS_DIS_409_OG [0x199]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/03	06:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
2018/07/03	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/03	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/03	06:09:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/07/03	06:10:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02	00 00 00 00	
2018/07/03	06:10:16.0	XRT_FLD_ENA_421_OG [0x1a5]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/03	06:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/03	06:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/03	06:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/03	06:12:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/03	06:12:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a	
2018/07/03	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/03	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/03	06:50:30.0	XRT_CTRL_MANU_400_OG [0x190]						

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2018/07/03	06:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/03	06:50:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/03	06:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/03	07:31:00.0	XRT_Custom_430_OG [0x1ae]				
2018/07/03	07:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/03	08:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/03	08:30:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/03	08:30:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/03	08:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/03	09:09:30.0	XRT_Custom_430_OG [0x1ae]				
2018/07/03	09:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/03	10:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/03	10:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/03	10:10:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/03	10:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/03	10:45:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00