

XRT Timeline to be uploaded on 2017/08/19

Period: 2017/08/19 10:24:00 - 2017/08/24 11:28:00

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Normal mode

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XOB #1BB9: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
08/19 13:15:00 - 08/19 17:41:24	Track (-265.6, 53.3) @ 08/19 10:34:00	# OP start + 10min AR 12671
08/19 18:30:00 - 08/20 05:59:24	Track (-201.7, 51.1) @ 08/19 17:51:30	# AR 12671
08/20 06:12:30 - 08/20 17:59:54	Track (-91.7, 48.7) @ 08/20 06:09:30	# AR 12671
08/20 18:13:00 - 08/21 06:15:54	Track (17.0, 47.9) @ 08/20 18:10:00	# AR 12671
08/21 06:33:00 - 08/21 10:51:30	Track (127.7, 48.6) @ 08/21 06:26:00	# AR 12671
PROG= 20 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 92 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec	
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec	
Subr= 2 5-time(s) 2.0sec		
Seqn= 75 1-time(s) 2.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec	
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec	
Seqn= 96 4-time(s) 90.0sec		
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 #1BA7: Synoptic Q95 2x2 - Al/mesh(8/181/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(16/181/4096) + Th

Term	Pointing (x, y)	Comment
08/19 17:44:30 - 08/19 17:51:24	Fixed (0.0, 0.0)	synoptic, shifted -18.5 min
08/20 06:02:30 - 08/20 06:09:24	Fixed (0.0, 0.0)	synoptic, shifted -0.5 min
08/20 18:03:00 - 08/20 18:09:54	Fixed (0.0, 0.0)	synoptic
08/21 06:19:00 - 08/21 06:25:54	Fixed (0.0, 0.0)	synoptic, shifted 16.0 min
08/21 16:43:00 - 08/21 16:45:54	Fixed (0.0, 0.0)	Eclipse HOP340 & 339 disk center
08/22 05:50:30 - 08/22 05:57:24	Fixed (0.0, 0.0)	synoptic, shifted -12.5 min
PROG= 02 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 5 1-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec	
Seqn= 26 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close Safe Norm 8ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Open/Al-mesh	Open/Al-mesh close Safe Norm 177ms 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= 73 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Al-poly/Open	Al-poly/Open close Safe Norm 177ms 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= 44 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 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	
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 #1BB1: HOP339 2-filter - Al/poly 8s, Al/mesh 4s, AEC=2, 30s cadence, G-band - 512x512 1ms

Term	Pointing (x, y)	Comment
08/21 15:03:00 - 08/21 16:39:54	Fixed (-16.0, 880.0)	Eclipse HOP339 N pole
08/21 20:08:00 - 08/21 20:42:00	Fixed (-16.0, 880.0)	Eclipse HOP339 N pole
PROG= 16 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 91 1-time(s) 2.0sec		
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec	
Subr= 2 1-time(s) 2.0sec		
Seqn= 93 1-time(s) 30.0sec		
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 512x512 (1064, 1048) Q=90 0 0 2.0sec	

Subr= 3	60-time(s)	2.0sec										
└─ Seqn= 79	1-time(s)	30.0sec										
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	2	0	2.0sec
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BBC: Eclipse - Full Sun - Al/Poly, 4x4 (88/723ms pair) - occasional Al/poly, 1x1 (double 8s) - AEC=0

Term	Pointing (x, y)	Comment
08/21 16:47:00 - 08/21 17:08:54	Fixed (0.0, 0.0)	Eclipse HOP340 & 339 disk center

PROG= 10	1-time(s)											
└─ Subr= 1	2-time(s)	2.0sec										
└─ Seqn= 49	14-time(s)	30.0sec										
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	86ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	707ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 64	1-time(s)	30.0sec										
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Subr= 2	1-time(s)	2.0sec										
└─ Seqn= 49	14-time(s)	30.0sec										
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	86ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	707ms	Obs	4x4	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 #1BBD: HOP340 Full-Sun - Al/poly(181ms/4096ms, cad. 60s), Al/mesh(128/2897ms, cad. 10min), AEC=0, G-band - 512x512 1ms

Term	Pointing (x, y)	Comment
08/21 17:10:00 - 08/21 18:50:24	Fixed (0.0, 0.0)	Eclipse HOP340 & 339 disk center

PROG= 11	Inf.-time(s)											
└─ Subr= 1	1-time(s)	2.0sec										
└─ Seqn= 91	1-time(s)	2.0sec										
└─ Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
└─ Subr= 2	6-time(s)	2.0sec										
└─ Seqn= 72	9-time(s)	60.0sec										
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 77	1-time(s)	60.0sec										
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	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 #1BA8: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-AI

Term	Pointing (x, y)	Comment
08/21 18:53:30 - 08/21 19:03:30	Fixed (0.0, 0.0)	Eclipse HOP340 & 339 disk center
08/22 00:20:00 - 08/22 00:31:54	Track (0.0, -0.1) @ 08/22 00:00:00	EIS sensitivity monitor

PROG= 05	1-time(s)											
└─ Subr= 1	1-time(s)	2.0sec										
└─ Seqn= 5	1-time(s)	2.0sec										
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
└─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 1	1-time(s)	2.0sec										
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 99	1-time(s)	2.0sec										
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 67	1-time(s)	2.0sec										
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 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	2-time(s)	2.0sec										
└─ Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 40	2-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
└─ Seqn= 65	2-time(s)	2.0sec										
└─ med-Al/Open	med-Al/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BBB: Eclipse - Full Sun - Al/Poly - 4x4 - 88/723ms pair expo - Dark												
Term		Pointing (x, y)					Comment					
08/21 19:30:00 - 08/21 20:04:54		Fixed (-16.0, -990.0)					Eclipse S pole EIS cal					
08/21 21:00:30 - 08/21 21:29:54		Fixed (-866.0, 330.0)					Eclipse 4th contact					
PROG= 04 1-time(s)												
Subr= 1 50-time(s) 30.0sec												
Seqn= 49 1-time(s) 2.0sec												
Al-poly/Open Al-poly/Open close Safe Norm 86ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
Al-poly/Open thin-Be/Open close Safe Norm 707ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
Subr= 2 1-time(s) 2.0sec												
Seqn= 2 1-time(s) 2.0sec												
Al-poly/Open Al-poly/Open close Safe Dark 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
Al-poly/Open Al-poly/Open close Safe Dark 500ms Obs 4x4 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 #1BBE: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 30s cad (G-band/Leak first)												
Term		Pointing (x, y)					Comment					
08/21 21:33:00 - 08/21 23:58:30		Fixed (915.0, 0.0)					Eclipse EIS W limb equator					
08/22 00:35:00 - 08/22 03:59:54		Track (0.0, -0.1) @ 08/22 00:00:00					EIS sensitivity monitor					
PROG= 03 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 30 1-time(s) 2.0sec												
Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec												
Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec												
Subr= 2 20-time(s) 30.0sec												
Seqn= 60 1-time(s) 2.0sec												
Al-poly/Open Al-poly/Open close Safe Norm 500ms Obs 4x4 2048x2048 (1024, 1024) DPCM 1 0 2.0sec												
Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec												
Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1B89: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with												
Term		Pointing (x, y)					Comment					
08/22 04:03:00 - 08/22 05:47:24		Track (317.2, 53.7) @ 08/22 04:00:00					AR 12671					
08/22 06:00:30 - 08/22 06:15:00		Track (333.8, 54.4) @ 08/22 05:57:30					AR 12671					
PROG= 17 Inf.-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec												
Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec												
Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec												
Subr= 2 5-time(s) 2.0sec												
Seqn= 75 1-time(s) 2.0sec												
Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec												
Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec												
thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec												
thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec												
Seqn= 96 4-time(s) 60.0sec												
Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 2.0sec												
thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 2.0sec												
Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 2.0sec												
thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 2.0sec												
Al-poly/Open thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec												
thin-Be/Open med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

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Flare mode * * * * *

NOT USED

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Active Region Search * * * * *

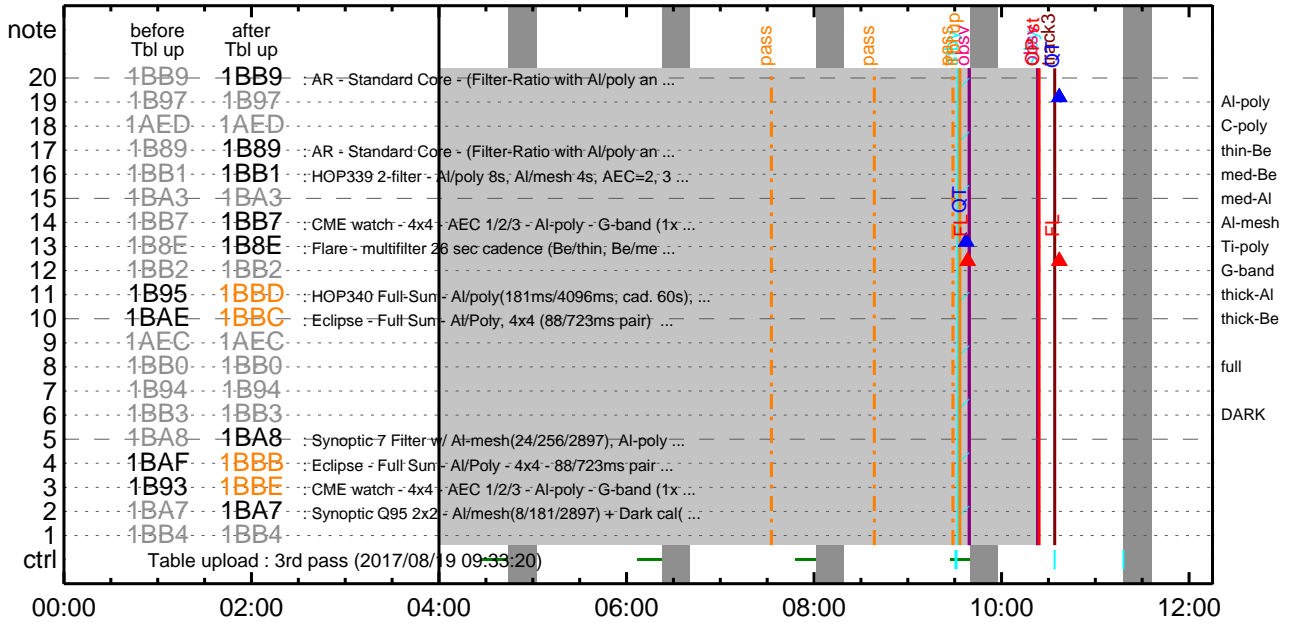
NOT USED

* * * * *

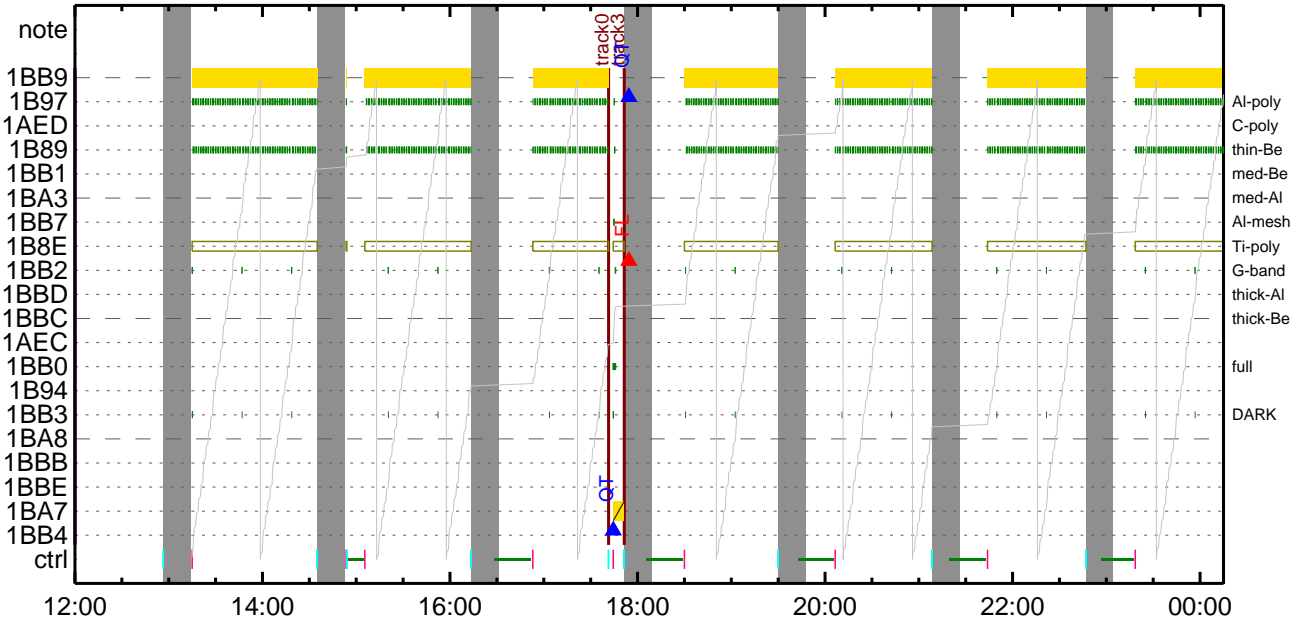
Flare Detection * * * * *

FLD Patrol												
Term		Pointing (x, y)					Comment					
08/19 17:51:48 - 08/20 05:59:48		Track (-201.7, 51.1) @ 08/19 17:51:30					# AR 12671					
08/20 06:09:48 - 08/20 18:00:18		Track (-91.7, 48.7) @ 08/20 06:09:30					# AR 12671					
08/20 18:10:18 - 08/21 06:16:18		Track (17.0, 47.9) @ 08/20 18:10:00					# AR 12671					
08/21 06:30:18 - 08/21 15:00:18		Track (127.7, 48.6) @ 08/21 06:26:00					# AR 12671					
08/22 04:00:18 - 08/22 05:47:48		Track (317.2, 53.7) @ 08/22 04:00:00					AR 12671					
08/22 05:57:48 - 08/24 11:28:00		Track (333.8, 54.4) @ 08/22 05:57:30					AR 12671					
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												

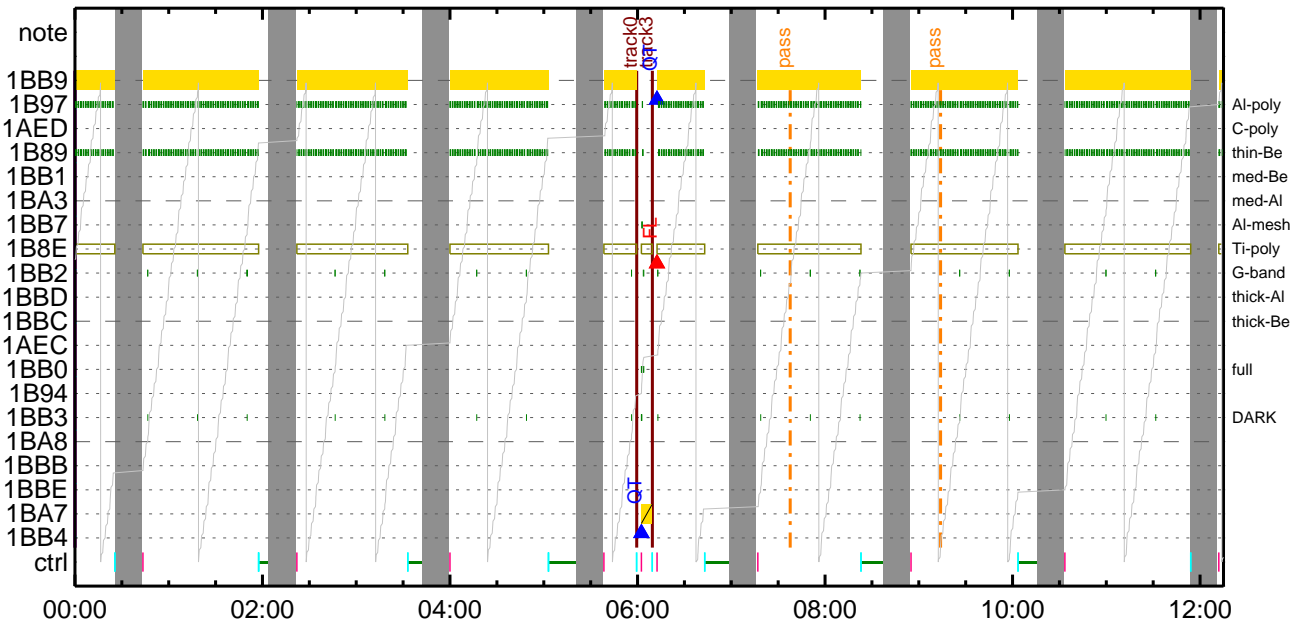
CMDI #0933 2017/08/19



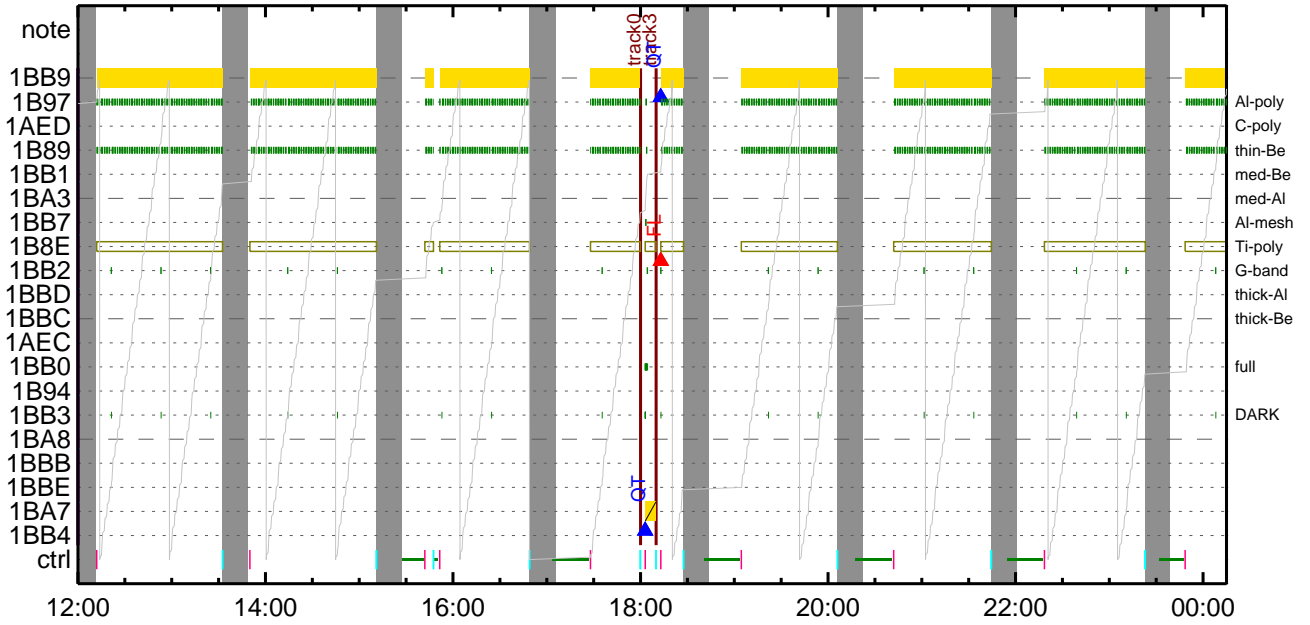
CMDI #0933 2017/08/19



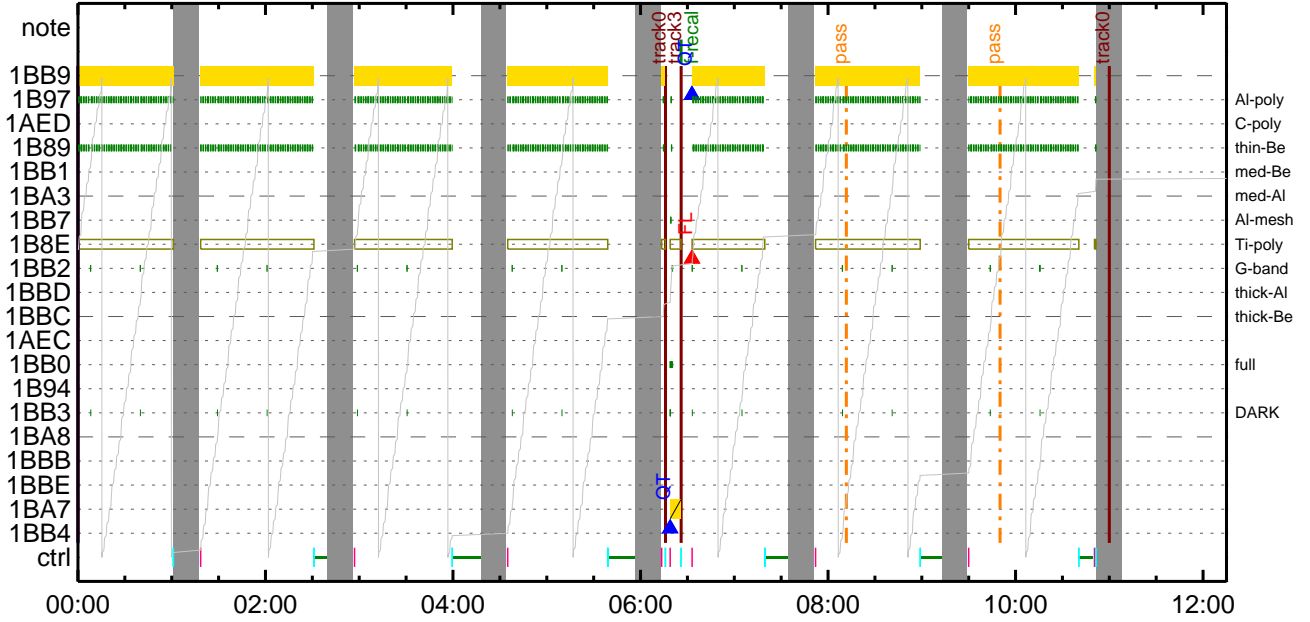
CMDI #0933 2017/08/20



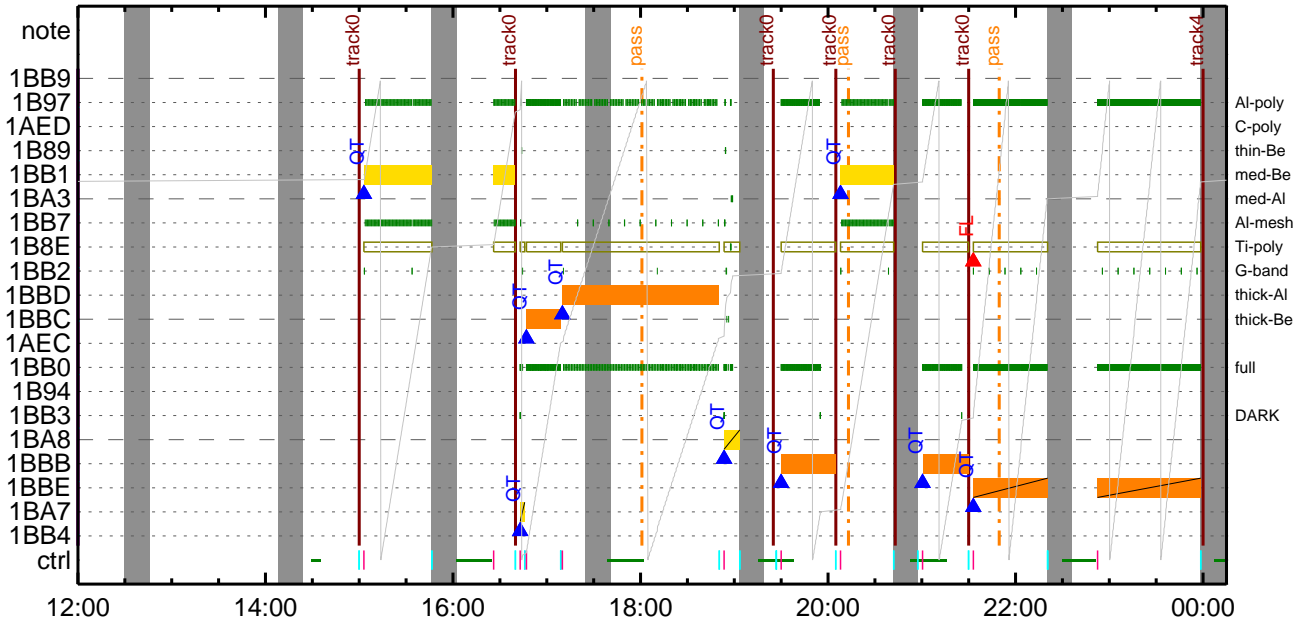
CMDI #0933 2017/08/20



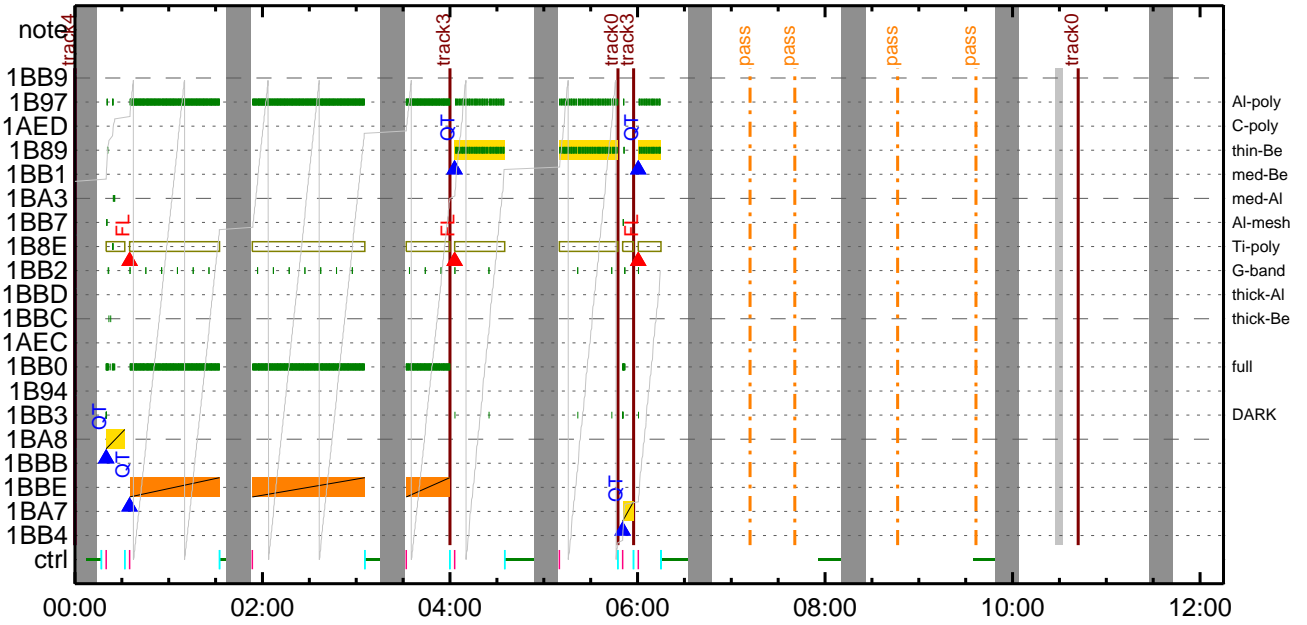
CMDI #0933 2017/08/21



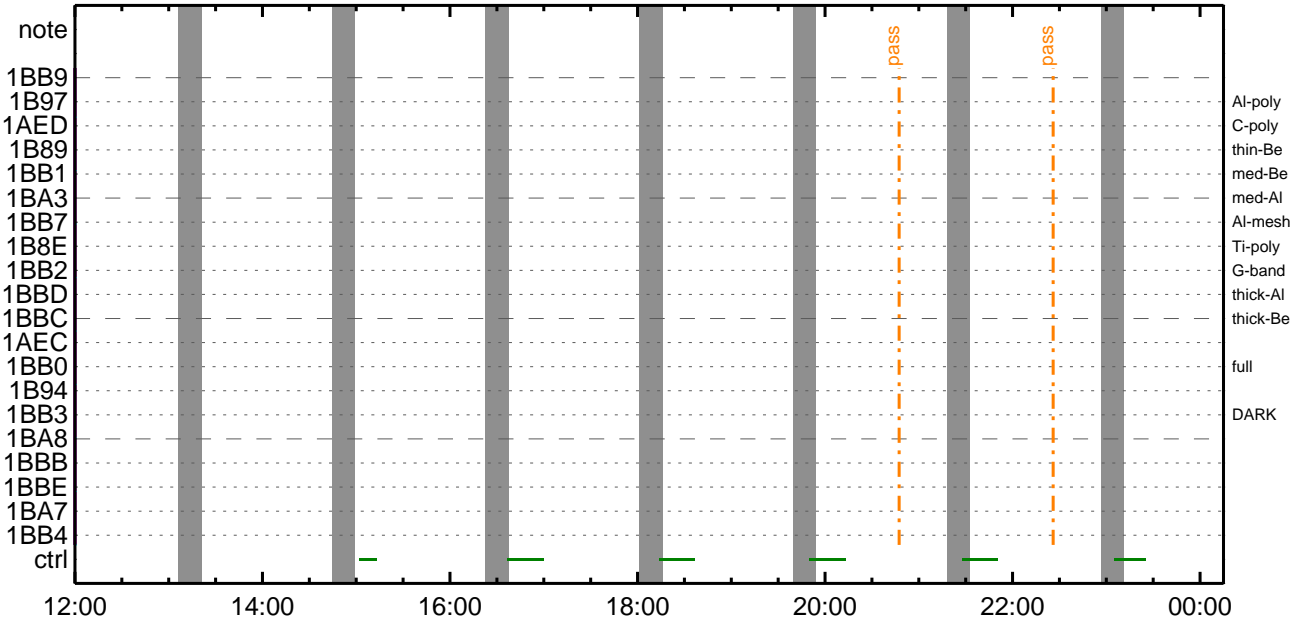
CMDI #0933 2017/08/21



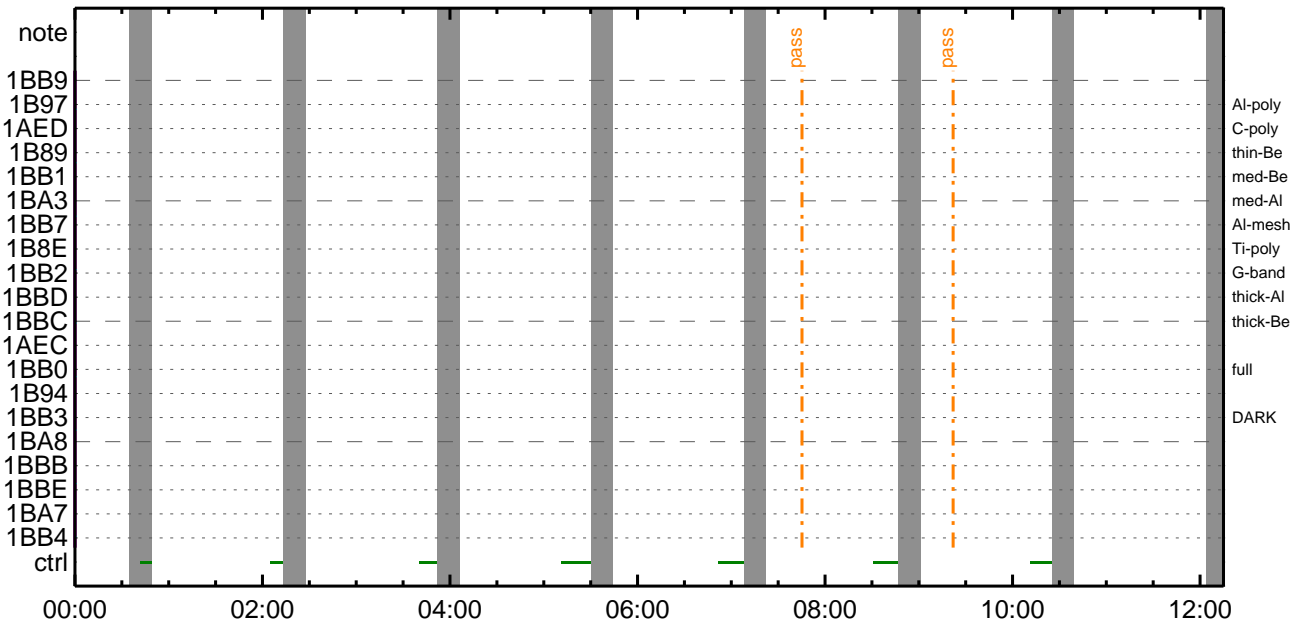
CMDI #0933 2017/08/22



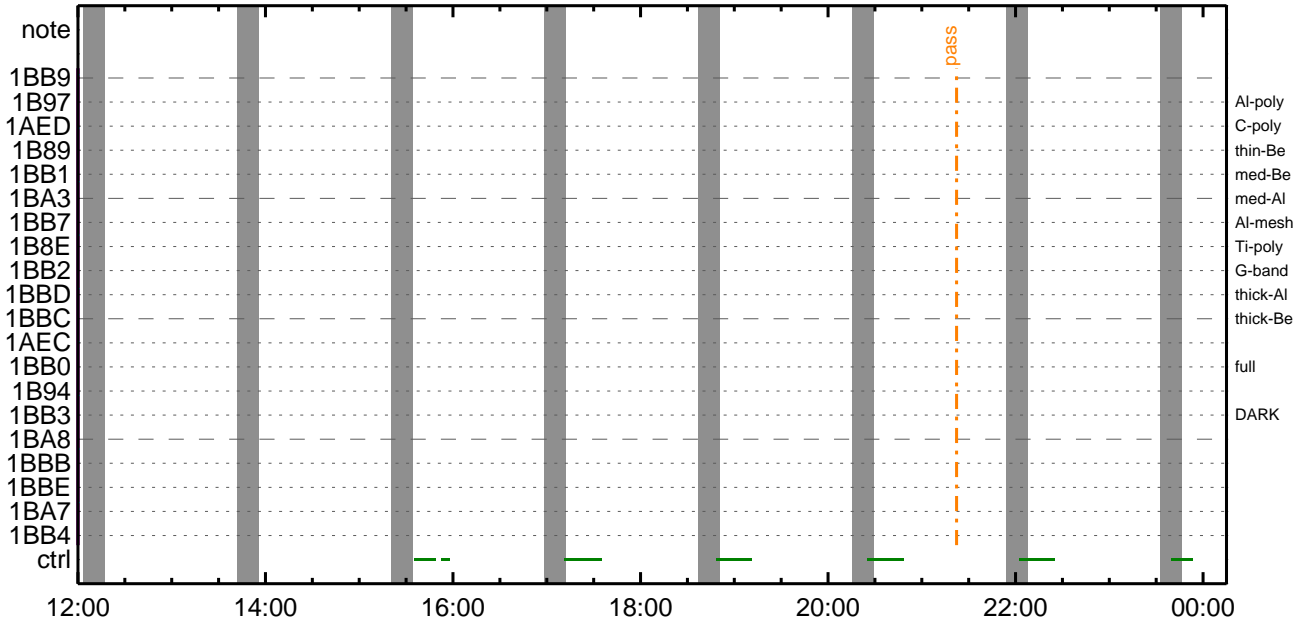
CMDI #0933 2017/08/22



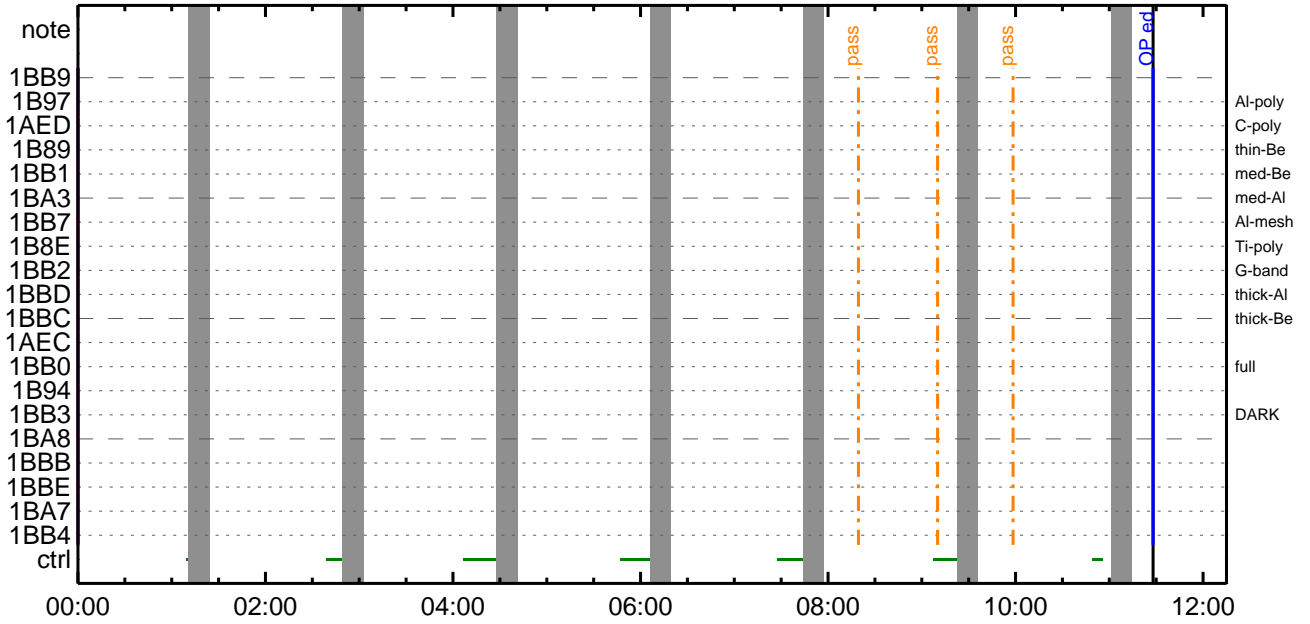
CMDI #0933 2017/08/23



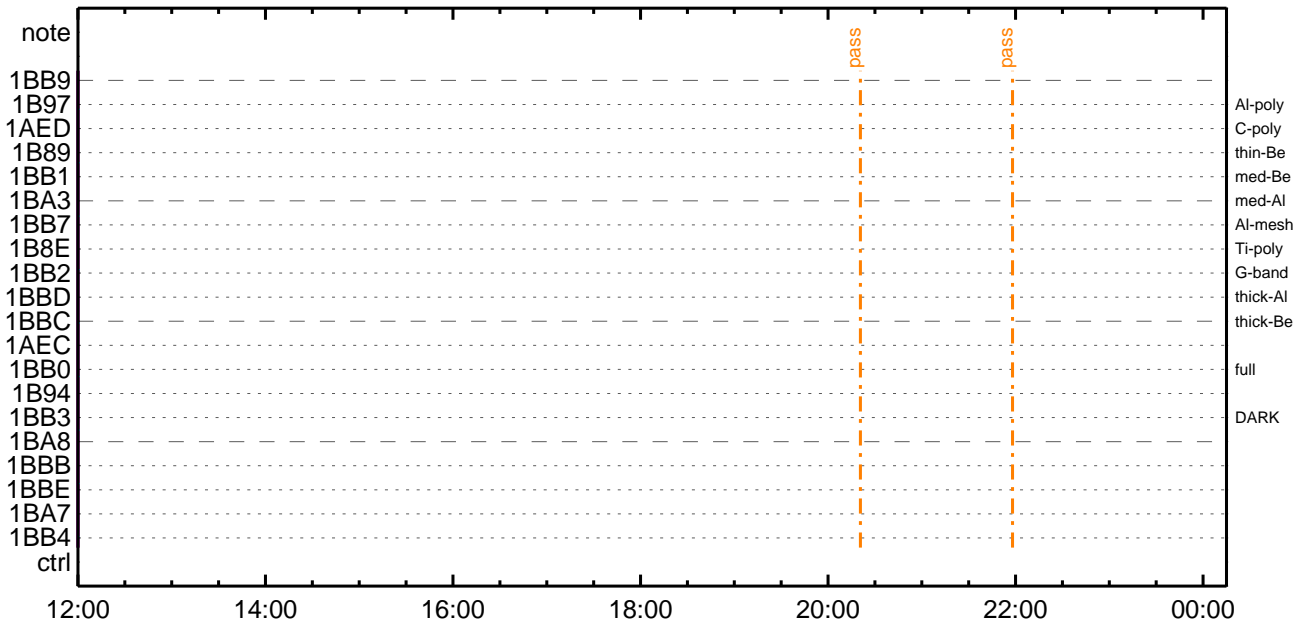
CMDI #0933 2017/08/23



CMDI #0933 2017/08/24



CMDI #0933 2017/08/24




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0096 C.                03SET0EDUMP0IA±0iYNY1qÇ1Ôa|q³0E;E
0097 C.
0098 . C. TIY³YF¥OYÉ0dADİj (UT)
0099 +. TI 2017-08-19 10:19:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]                 EQ      1COUNTUP
0102 C.
0103 +. TI 2017-08-19 10:19:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]                 EQ      1COUNTUP
0106 C.
0107 +. TI 2017-08-19 10:19:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]                 EQ      1COUNTUP
0110 C.
0111 +. TI 2017-08-19 10:23:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]                 EQ      1COUNTUP
0114 C.
0115 C.                °E²¼0İÄê%îÍÑ0ÎYÁY$YÄY-¹àÌÛ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]             EQ      ENA
0117 C.                çç[HK1_TI_CMD_NUM]                 EQ      4
0118 C.                çç[HK1_NEXT_EXEC_PIM]             EQ      DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]              EQ      0xB3
0120 C.
0121 . C. *****
0122 C. TIÎÎ°èYÄYÓY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC                (03 ab 03 01 02)
0128 C.                çç[HK1_DMP_TOP_ADRS_1]             EQ      07
0129 C.                çç[HK1_DMP_TOP_ADRS_0]             EQ      2B
0130 C.                çç[HK1_DMP_BLOCK_NUM]              EQ      3
0131 C.                çç[HK1_DMP_REPEAT_NUM]             EQ      0
0132 C.                çç[HK1_DMA_DMP_PIM]                EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC                (07 0b f8)
0135 C.                çç[HK1_PKT_FORM_NO]                EQ      7
0136 C.                çç[HK1_PKT_GEN_TIME]               EQ      0.25 s
0137 C.                çç[HK1_S_TLM_BIT_RATE]             EQ      32k
0138 C.                çç[HK1_X_TLM_BIT_RATE]            EQ      4M
0139 C.                çç[HK1_DMP_CHK_FLG]               EQ      EXEC
0140 C.
0141 . C. YÄYÓY×½ªÎ»0d³İÇ$
0142 C.                çç[HK1_DMP_CHK_FLG]               EQ      NON
0143 C.
0144 . C. RAM ID=TI_TBL0İÊ¹Ç•ê²İOK0d³İÇ$
0145 C.
0146 . C. DHUÿâ;¼YÉ;È¼Y½, Yî;¼YÈ;Ë0dİá0¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC                (02 0a f8)
0149 C.                çç[HK1_PKT_FORM_NO]                EQ      2
0150 C.                çç[HK1_PKT_GEN_TIME]               EQ      0.5S
0151 C.                çç[HK1_S_TLM_BIT_RATE]             EQ      32K
0152 C.                çç[HK1_X_TLM_BIT_RATE]            EQ      4M
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2017-08-19 10:23:16.0
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 2017-08-19 10:23:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC                (21 02)
0174 +. TI 2017-08-19 10:23:40.0
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 2017-08-19 10:23:00.0
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 ´üÄÎ0İ»ö¼Y0ÈÄ0¹0dDCBC•x²è *****
0192 C. (%ã0İYÓYÄYÉYÉY¼YáYçYè0E¼0q¼Ä»Û0¹0é)
0193 . S. DC-BC dcbc-402:DCBC

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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.
```



```
0096 C.
0097 C.
0098 . C. ***** APCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the APCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 46s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ( )
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2017-08-19 10:23:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP [ ] [ ] *****
0156 C. ( [ ] )
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** [ ] *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ; [ ] [ ] [ ]
0167 C.
0168 . C. ***** LOS *****
0169 C.
```



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0096 +. DC 07-F0 MDP_XRT_AEC_RESET
0097 BC (d0)
0098 +. DC 07-F0 MDP_XRT_FLD_RESET
0099 BC (da)
0100 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0101 BC (c4 0e)
0102 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0103 BC (c5 0d)
0104 . C. ----- Success Verify ? OK / NG ____
0105 C.
0106 C.
0107 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0108 C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110 BC (c2)
0111 +. TI 2017-08-19 10:23:02.0
0112 DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC (c2)
0114 . C. ----- Success Verify ? OK / NG ____
0115 C.
0116 C. ***** XRT END *****
0117 C.
0118 . C. ***** MDP `ûÃîñî»ò¼ÿñÊÂñ¹ñèDCBC•x²è *****
0119 C. (¼ã°îÿÓÿÃÿËÿÏÿËÿâÿçÿèñ¼ññ¼Ã»Û¹ñè)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 C.
0123 C.
0124 . C. ***** ÿDY¹•ï Daily±;îññË´ø¹ñèDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 C.
0128 C.
0129 . C. ;ãLOSÿÃÿSÿËÿÿ¼Ã»Û;ã
0130 C.
0131 . C. ***** LOS *****
0132 C.

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Aug 19, 17 13:29

XRT_OGLIST_0933.chk

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*** OP Sequence for XRT ***

2017/08/19	10:33:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	10:33:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	10:33:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2017/08/19	10:34:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	03 00 00 00 00			
2017/08/19	10:34:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/08/19	10:34:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/08/19	10:34:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/08/19	10:34:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/08/19	10:34:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/08/19	10:36:56.0	XRT_QT_PROG_SET_446_OG [0x1be]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14			
2017/08/19	10:36:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2017/08/19	11:18:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	11:18:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	11:18:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/08/19	11:18:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/08/19	11:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/08/19	12:56:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	12:56:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	12:56:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/08/19	12:56:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/08/19	12:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/08/19	13:14:00.0	XRT_Custom_430_OG [0x1ae]						
2017/08/19	13:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/08/19	14:35:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	14:35:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	14:35:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/08/19	14:35:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/08/19	14:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/08/19	14:52:30.0	XRT_Custom_430_OG [0x1ae]						
2017/08/19	14:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/08/19	14:54:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	14:54:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	14:54:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/08/19	14:54:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/08/19	14:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/08/19	15:04:30.0	XRT_Custom_430_OG [0x1ae]						
2017/08/19	15:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/08/19	16:13:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	16:13:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	16:13:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/08/19	16:13:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/08/19	16:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/08/19	16:52:00.0	XRT_Custom_430_OG [0x1ae]						
2017/08/19	16:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/08/19	17:41:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	17:41:26.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/08/19	17:41:28.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2017/08/19	17:41:30.0	AOCS_Ore-point_Start_2_OG [0x098]						

2017/08/19	17:41:48.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00	00	00	00	00	
2017/08/19	17:44:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0						d9
2017/08/19	17:44:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0						c9
2017/08/19	17:44:28.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0						d5
2017/08/19	17:44:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0						c4 02
2017/08/19	17:51:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0						c0
2017/08/19	17:51:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	17:51:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	17:51:30.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97			00
2017/08/19	17:51:30.5	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	03	00	00	00	00	00
2017/08/19	17:51:32.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	17:51:34.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	17:51:36.5	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0						da
2017/08/19	17:51:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_PREFLR_STRT	1	07-F0						e8
2017/08/19	17:51:50.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_ENA	1	07-F0						d8
2017/08/19	17:51:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_DIS	1	07-F0						c9
2017/08/19	17:51:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0						d0
2017/08/19	17:51:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0						d5
2017/08/19	17:54:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0						da
2017/08/19	17:54:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0						c4 14
2017/08/19	17:54:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FL_PROG_SET	2	07-F0						c5 0d
2017/08/19	18:29:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0						e9
2017/08/19	18:30:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0						c0
2017/08/19	19:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	19:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	19:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	19:30:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0						da
2017/08/19	19:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0						e8
2017/08/19	20:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0						e9
2017/08/19	20:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0						c0
2017/08/19	21:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	21:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	21:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	21:08:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0						da
2017/08/19	21:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0						e8
2017/08/19	21:43:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0						e9
2017/08/19	21:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0						c0
2017/08/19	22:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	22:47:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	22:47:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/19	22:47:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0						da
2017/08/19	22:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0						e8
2017/08/19	23:17:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0						e9
2017/08/19	23:18:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0						c0
2017/08/20	00:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/20	00:25:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/20	00:25:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0						c1
2017/08/20	00:25:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0						da
2017/08/20			MDP_XRT_PREFLR_STRT	1	07-F0						e8

2017/08/20	00:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/20	00:42:30.0	XRT_Custom_430_OG [0x1ae]							
2017/08/20	00:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/20	01:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	01:57:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	01:57:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/20	01:57:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/20	02:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/20	02:21:00.0	XRT_Custom_430_OG [0x1ae]							
2017/08/20	02:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/20	03:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	03:33:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	03:33:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/20	03:33:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/20	03:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/20	03:59:00.0	XRT_Custom_430_OG [0x1ae]							
2017/08/20	04:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/20	05:03:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	05:03:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	05:03:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/20	05:03:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/20	05:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/20	05:37:30.0	XRT_Custom_430_OG [0x1ae]							
2017/08/20	05:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/20	05:59:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	05:59:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	05:59:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/08/20	05:59:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/08/20	05:59:48.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/08/20	06:02:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/20	06:02:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/08/20	06:02:28.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2017/08/20	06:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/20	06:09:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	06:09:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	06:09:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/08/20	06:09:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2017/08/20	06:09:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/08/20	06:09:50.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/20	06:09:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/08/20	06:09:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/08/20	06:09:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/20	06:12:26.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2017/08/20	06:12:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/08/20	06:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/20	06:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	06:43:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/20	06:43:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/20	06:43:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							

2017/08/20	06:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/08/20	07:16:00.0	XRT_Custom_430_OG [0x1ae]				
2017/08/20	07:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/08/20	08:23:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	08:23:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	08:23:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/08/20	08:23:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/08/20	08:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/08/20	08:54:00.0	XRT_Custom_430_OG [0x1ae]				
2017/08/20	08:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/08/20	10:03:30.5	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	10:03:32.5	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	10:03:34.5	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/08/20	10:03:36.5	XRT_PREFLR_STRT_449_OG [0x1c1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/08/20	10:06:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/08/20	10:32:30.0	XRT_Custom_430_OG [0x1ae]				
2017/08/20	10:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/08/20	11:54:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	11:54:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	11:54:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/08/20	11:54:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/08/20	11:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/08/20	12:11:00.0	XRT_Custom_430_OG [0x1ae]				
2017/08/20	12:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/08/20	13:32:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	13:32:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	13:32:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/08/20	13:32:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/08/20	13:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/08/20	13:49:00.0	XRT_Custom_430_OG [0x1ae]				
2017/08/20	13:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/08/20	15:11:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	15:11:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	15:11:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/08/20	15:11:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/08/20	15:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/08/20	15:41:00.0	XRT_Custom_430_OG [0x1ae]				
2017/08/20	15:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/08/20	15:47:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	15:47:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	15:47:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/08/20	15:47:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/08/20	15:50:30.0	XRT_Custom_430_OG [0x1ae]				
2017/08/20	15:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/08/20	15:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/08/20	16:49:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	16:49:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/08/20	16:49:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/08/20	16:49:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/08/20	16:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				

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2017/08/20	17:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/20	17:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/20	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/08/20	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2017/08/20	18:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/20	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/20	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/20	18:02:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2017/08/20	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/20	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/08/20	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]					
			AOCU_NM	5	02-76	03 00 00 00 00	
2017/08/20	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/08/20	18:10:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/20	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/08/20	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/20	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/20	18:12:56.0	XRT_QT_PROG_SET_446_OG [0x1be]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2017/08/20	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/08/20	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/20	18:27:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	18:27:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	18:27:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/20	18:27:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/20	18:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/20	19:03:30.0	XRT_Custom_430_OG [0x1ae]					
2017/08/20	19:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/20	20:06:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	20:06:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	20:06:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/20	20:06:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/20	20:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/20	20:41:00.0	XRT_Custom_430_OG [0x1ae]					
2017/08/20	20:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/20	21:44:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	21:44:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	21:44:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/20	21:44:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/20	21:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/20	22:17:30.0	XRT_Custom_430_OG [0x1ae]					
2017/08/20	22:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/20	23:23:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	23:23:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/20	23:23:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/20	23:23:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	

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2017/08/20	23:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/20	23:47:30.0	XRT_Custom_430_OG [0x1ae]							
2017/08/20	23:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	01:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	01:01:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	01:01:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	01:01:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	01:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	01:17:30.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	01:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	02:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	02:31:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	02:31:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	02:31:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	02:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	02:56:00.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	02:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	03:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	03:59:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	03:59:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	03:59:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	04:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	04:34:00.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	04:35:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	05:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	05:39:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	05:39:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	05:39:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	05:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	06:12:30.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	06:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	06:15:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	06:15:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	06:15:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/08/21	06:16:00.5	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/08/21	06:16:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/08/21	06:18:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/21	06:18:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/08/21	06:18:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2017/08/21	06:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	06:25:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	06:25:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	06:25:58.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2017/08/21	06:26:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2017/08/21	06:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/08/21	06:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/08/21	06:30:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/21	06:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/08/21	06:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

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2017/08/21	06:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	06:32:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2017/08/21	06:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/08/21	06:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	07:19:30.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	07:19:32.5	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	07:19:34.5	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	07:19:36.5	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	07:22:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	07:51:00.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	07:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	08:59:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	08:59:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	08:59:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	08:59:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	09:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	09:29:00.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	09:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	10:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	10:40:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	10:40:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	10:40:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	10:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	10:49:30.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	10:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	10:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	10:51:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	10:51:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	10:51:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	10:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	11:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	b6	36	e7	1b
2017/08/21	14:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	14:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	14:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/08/21	15:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	b1	cb	01	68
2017/08/21	15:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/08/21	15:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/21	15:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/08/21	15:02:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2017/08/21	15:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	15:46:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	15:46:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	15:46:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	15:46:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	15:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	16:25:00.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	16:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	16:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	16:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							

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2017/08/21	16:39:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	16:40:00.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/08/21	16:40:18.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00 00 00 00	
2017/08/21	16:42:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/21	16:42:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/21	16:42:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/21	16:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2017/08/21	16:45:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/21	16:45:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	16:45:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	16:46:18.0	XRT_FLD_DIS_421_OG [0x1a5]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/08/21	16:46:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/21	16:46:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/21	16:46:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/21	16:47:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2017/08/21	17:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/21	17:08:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	17:08:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	17:09:18.0	XRT_FLD_DIS_421_OG [0x1a5]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/08/21	17:09:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/21	17:09:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/21	17:09:58.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/21	17:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2017/08/21	18:50:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/21	18:50:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	18:50:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	18:50:48.0	XRT_FLD_DIS_425_OG [0x1a9]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/08/21	18:53:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/21	18:53:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/21	18:53:28.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/21	18:53:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2017/08/21	19:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/21	19:03:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	19:03:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	19:03:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/21	19:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/21	19:25:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/21	19:26:54.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	00 58 00 01 68	
2017/08/21	19:26:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	19:26:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/21	19:27:18.0	XRT_FLD_DIS_425_OG [0x1a9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/08/21	19:29:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/21	19:29:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/21	19:29:58.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/21	19:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04	
2017/08/21	20:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2017/08/21	20:04:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	20:04:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/08/21	20:05:00.0	AOCS_Ore-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00	b1	cb	01	68
2017/08/21	20:05:18.0	XRT_FLD_DIS_425_OG [0x1a9] MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/08/21	20:07:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/21	20:07:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/08/21	20:07:58.0	XRT_QT_PROG_SET_439_OG [0x1b7] MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2017/08/21	20:08:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	20:42:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	20:42:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	20:42:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	20:42:06.0	XRT_PREFLR_STRT_449_OG [0x1c1] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	20:43:00.0	AOCS_Ore-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00	e2	a8	4c	fd
2017/08/21	20:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	20:57:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	20:57:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	20:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/08/21	20:57:48.0	XRT_FLD_DIS_425_OG [0x1a9] MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/08/21	21:00:24.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/21	21:00:26.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/08/21	21:00:28.0	XRT_QT_PROG_SET_434_OG [0x1b2] MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2017/08/21	21:00:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	21:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	21:29:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	21:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/08/21	21:30:00.0	AOCS_Ore-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00	00	00	00	ae a8
2017/08/21	21:30:18.0	XRT_FLD_DIS_438_OG [0x1b6] MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/08/21	21:30:20.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/08/21	21:30:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/08/21	21:30:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/08/21	21:30:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	21:32:56.0	XRT_QT_PROG_SET_413_OG [0x19d] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2017/08/21	21:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/08/21	21:33:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	22:20:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	22:20:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	22:20:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	22:20:36.0	XRT_PREFLR_STRT_449_OG [0x1c1] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/21	22:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/08/21	22:51:30.0	XRT_Custom_430_OG [0x1ae]							
2017/08/21	22:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/08/21	23:58:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	23:58:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/08/21	23:58:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2017/08/21	23:58:36.0	XRT_PREFLR_STRT_449_OG [0x1c1] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/08/22	00:00:00.0	AOCS_Ore-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	04	00	00	00	00
2017/08/22	00:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				

2017/08/22	00:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	00:16:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	00:16:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2017/08/22	00:17:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/22	00:19:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/22	00:19:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/22	00:19:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2017/08/22	00:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	00:31:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	00:31:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	00:31:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2017/08/22	00:32:18.0	XRT_FLD_DIS_438_OG [0x1b6]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/22	00:32:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/22	00:32:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/08/22	00:32:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/22	00:32:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/22	00:34:56.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2017/08/22	00:34:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/08/22	00:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	01:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	01:32:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	01:32:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/22	01:32:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/22	01:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/22	01:52:30.0	XRT_Custom_430_OG [0x1ae]					
2017/08/22	01:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	03:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	03:05:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	03:05:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/22	03:05:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/22	03:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/22	03:31:00.0	XRT_Custom_430_OG [0x1ae]					
2017/08/22	03:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	03:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2017/08/22	04:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00	00
2017/08/22	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/08/22	04:00:20.5	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/22	04:00:22.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/08/22	04:00:24.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/22	04:00:26.5	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/22	04:02:56.5	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2017/08/22	04:02:58.5	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/08/22	04:03:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	04:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	04:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	04:35:04.0	XRT_FLD_RESET_415_OG [0x19f]					

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2017/08/22	04:35:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/22	04:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/22	05:09:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/22	05:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	05:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	05:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	05:47:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/08/22	05:47:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2017/08/22	05:47:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/08/22	05:50:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/22	05:50:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/22	05:50:28.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2017/08/22	05:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	05:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	05:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	05:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/08/22	05:57:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00 00	
2017/08/22	05:57:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/08/22	05:57:50.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/08/22	05:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/08/22	05:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/08/22	05:57:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/22	06:00:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2017/08/22	06:00:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/08/22	06:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/08/22	06:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	06:15:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/08/22	06:15:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/08/22	06:15:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/08/22	06:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/08/22	10:42:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	