

XRT Timeline to be uploaded on 2018/07/24

Period: 2018/07/24 11:28:00 - 2018/08/01 11:33:00

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Normal mode

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XOB #1B97: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak last)

Term	Pointing (x, y)	Comment
07/24 11:41:30 - 07/24 11:43:00	Track (475.8, 142.2) ^{07/24 11:38:00}	# OP start + 10min remnant of AR 12712
PROG= 05 Inf.-time(s)		
Subr= 1 10-time(s) 360.0sec		
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 #1BD4: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 30s cad-2

Term	Pointing (x, y)	Comment
07/24 11:46:06 - 07/24 17:33:54	Track (475.8, 142.2) ^{07/24 11:38:00}	# OP start + 10min remnant of AR 12712
PROG= 10 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 92 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Seqn= 71 3-time(s) 2.0sec		
Open/thick-Al	Open/thick-Be close	Safe Norm 16.0s Obs 1x1 512x512 (1064, 1048) Q=98 3 0 2.0sec
Subr= 2 100-time(s) 30.0sec		
Seqn= 89 1-time(s) 15.0sec		
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) 12.0sec		
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
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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

Term	Pointing (x, y)	Comment
07/24 17:41:00 - 07/24 17:43:54	Fixed (0.0, 0.0)	synoptic, shifted -26.0 min
07/25 04:14:00 - 07/25 04:14:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/27 04:07:00 - 07/27 04:10:00	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/28 04:19:00 - 07/28 04:22:00	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
PROG= 15 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 5 1-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close	Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec
Seqn= 1 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 99 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 33 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open close	Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 23 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #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
07/24 18:28:30 - 07/25 01:57:00	Track (521.3, 144.5) ^{07/24 17:44:00}	remnant of AR 12712

07/27 05:59:00 - 07/27 07:53:30 Fixed (865.0, 180.0) remnant of AR 12712
 07/27 18:36:00 - 07/28 01:59:54 Fixed (865.0, 180.0) remnant of AR 12712

PROG= 06 Inf.-time(s)

Subr= 1		1-time(s)	2.0sec										
Seqn= 92		1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe Norm	1ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe Norm	1ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec	
Open/Ti-poly	Open/thick-Al	close	Safe Dark	16.0s	Obs	1x1	384x384	(1064, 1048)	Q=98	0	0	2.0sec	
Subr= 2		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

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

Term	Pointing (x, y)	Comment
07/25 02:26:30 - 07/25 03:31:00	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/25 04:18:00 - 07/25 05:57:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/26 02:03:00 - 07/26 03:49:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/26 04:40:30 - 07/26 06:20:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/27 02:03:00 - 07/27 03:59:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/27 04:13:06 - 07/27 05:45:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/28 02:03:00 - 07/28 03:39:00	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/28 04:25:06 - 07/28 05:59:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign

PROG= 03 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)	150.0sec										
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 #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
07/25 06:01:00 - 07/25 06:07:54	Fixed (0.0, 0.0)	synoptic, shifted -2.0 min
07/28 06:03:00 - 07/28 06:08:21	Fixed (0.0, 0.0)	synoptic
07/28 07:29:00 - 07/29 10:46:00	Fixed (-920.0, -170.0)	AR at E-limb
07/29 11:21:00 - 07/29 14:10:30	Fixed (0.0, 0.0)	SOT dark & flat
07/29 14:41:30 - 07/30 09:41:00	Track (-908.8, -117.1) @ 07/29 13:00:00	AR at E-limb
07/30 10:18:00 - 07/30 16:24:30	Track (278.6, 442.7) @ 07/30 10:00:00	HOP 336 Bright points (N-hemisphere)
07/30 17:07:00 - 07/30 21:19:30	Track (204.5, -827.3) @ 07/30 15:30:00	HOP 336 Bright points (S-hemisphere)
07/30 21:57:30 - 08/01 11:33:00	Track (-792.3, -144.0) @ 07/30 21:00:00	AR at E-limb

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 #1BC3: AR-(filter ratio Al/poly thin-Be), 512x512 at 1064 1048, with G-band 1ms, PFB, 45s cad

Term	Pointing (x, y)	Comment
07/25 06:11:00 - 07/25 07:59:54	Track (608.1, 150.1) ^{Ⓢ 07/25 06:08:00}	remnant of AR 12712
07/25 10:42:06 - 07/25 17:59:54	Track (633.4, 152.0) ^{Ⓢ 07/25 10:00:00}	remnant of AR 12712
07/25 18:13:00 - 07/26 01:59:54	Track (683.9, 156.4) ^{Ⓢ 07/25 18:10:00}	remnant of AR 12712
07/26 06:34:00 - 07/26 07:59:54	Track (752.2, 163.8) ^{Ⓢ 07/26 06:31:00}	remnant of AR 12712
07/26 10:03:00 - 07/26 17:19:00	Track (769.6, 166.0) ^{Ⓢ 07/26 10:00:00}	remnant of AR 12712
07/26 23:03:00 - 07/27 01:59:54	Track (826.6, 174.9) ^{Ⓢ 07/26 23:00:00}	remnant of AR 12712
07/27 10:10:30 - 07/27 17:42:24	Fixed (865.0, 180.0)	remnant of AR 12712
PROG= 04 Inf.-time(s)		
Subr= 1		1-time(s) 2.0sec
Seqn= 69		1-time(s) 2.0sec
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 16.0s Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec
Subr= 2		1-time(s) 2.0sec
Seqn= 66		40-time(s) 45.0sec
thin-Be/Open	med-Be/Open	close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec
Al-poly/Open	thin-Be/Open	close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec
thin-Be/Open	med-Be/Open	close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 1 2.0sec
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 2 2.0sec
Al-poly/Open	thin-Be/Open	close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 2 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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

Term	Pointing (x, y)	Comment
07/25 09:00:00 - 07/25 10:01:30	Fixed (-18.0, -56.0)	HOP 321 joint observation with GREGOR
07/25 10:38:30 - 07/25 10:39:00	Track (633.4, 152.0) ^{Ⓢ 07/25 10:00:00}	remnant of AR 12712
PROG= 11 Inf.-time(s)		
Subr= 1		1-time(s) 2.0sec
Seqn= 30		1-time(s) 2.0sec
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2		20-time(s) 180.0sec
Seqn= 8		1-time(s) 2.0sec
thin-Be/Open	med-Be/Open	close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
thin-Be/Open	med-Be/Open	close Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Seqn= 6		1-time(s) 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #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
07/25 18:03:00 - 07/25 18:09:54	Fixed (0.0, 0.0)	synoptic
07/26 03:53:00 - 07/26 04:01:00	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/26 06:24:00 - 07/26 06:30:54	Fixed (0.0, 0.0)	synoptic, shifted 21.0 min
07/26 18:03:00 - 07/26 18:09:54	Fixed (0.0, 0.0)	synoptic

07/27 05:49:00 - 07/27 05:55:54 Fixed (0.0, 0.0) synoptic, shifted -14.0 min
 07/27 17:45:30 - 07/27 17:52:24 Fixed (0.0, 0.0) synoptic, shifted -17.5 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= 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
07/26 09:35:30 - 07/26 09:59:54	Fixed (-18.0, -56.0)	HOP 321 joint observation with GREGOR
07/27 08:32:00 - 07/27 09:33:00	Fixed (-18.0, -56.0)	HOP 321 joint observation with GREGOR

PROG= 09 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 #1AEC: G-Band Alignment with North Pole Q90 2x2 (G-band and VLS=CLS) - 1msec (Al/poly) - 4096msec - 5min cadence - Partial Sun-wNGT

Term	Pointing (x, y)	Comment
07/26 18:25:00 - 07/26 20:19:54	Fixed (0.0, 930.0)	co-alignment program (N-limb)

PROG= 07 1-time(s)											
└ Subr= 1 24-time(s) 300.0sec											
└ Seqn= 98 1-time(s) 2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x1536	(1024, 768)	Q=90	0 0 2.0sec
└ Seqn= 63 1-time(s) 2.0sec											
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x1536	(1024, 768)	Q=90	0 0 2.0sec
└ Seqn= 45 1-time(s) 2.0sec											
Al-poly/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x1536	(1024, 768)	Q=95	0 0 2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

XOB #1AED: G-Band Alignment with East limb Q90 2x2 (G-band and VLS=CLS) - 1msec - (Al/poly) 1443msec - 8 min cadence-wNGT

Term	Pointing (x, y)	Comment
07/26 20:35:00 - 07/26 22:59:54	Fixed (-970.0, 0.0)	co-alignment program (E-limb)

PROG= 01 1-time(s)											
└ Subr= 1 15-time(s) 480.0sec											
└ Seqn= 19 1-time(s) 2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	1536x2048	(1280, 1024)	Q=90	0 0 2.0sec
└ Seqn= 43 1-time(s) 2.0sec											
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	1536x2048	(1280, 1024)	Q=90	0 0 2.0sec
└ Seqn= 70 1-time(s) 2.0sec											
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1536x2048	(1280, 1024)	Q=95	0 0 2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

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Flare mode

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XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512)

Term	Pointing (x, y)	Comment
07/24 11:41:30 - 07/24 11:43:00	Track (475.8, 142.2) ^{© 07/24 11:38:00}	# OP start + 10min remnant of AR 12712

07/24 11:46:06 - 07/24 17:33:54	Track (475.8, 142.2) ^{Ⓢ 07/24 11:38:00}	# OP start + 10min remnant of AR 12712
07/24 18:28:30 - 07/25 01:57:00	Track (521.3, 144.5) ^{Ⓢ 07/24 17:44:00}	remnant of AR 12712
07/25 02:26:30 - 07/25 03:31:00	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/25 04:18:00 - 07/25 05:57:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/25 06:11:00 - 07/25 07:59:54	Track (608.1, 150.1) ^{Ⓢ 07/25 06:08:00}	remnant of AR 12712
07/25 09:00:00 - 07/25 10:01:30	Fixed (-18.0, -56.0)	HOP 321 joint observation with GREGOR
07/25 10:38:30 - 07/25 10:39:00	Track (633.4, 152.0) ^{Ⓢ 07/25 10:00:00}	remnant of AR 12712
07/25 10:42:06 - 07/25 17:59:54	Track (633.4, 152.0) ^{Ⓢ 07/25 10:00:00}	remnant of AR 12712
07/25 18:13:00 - 07/26 01:59:54	Track (683.9, 156.4) ^{Ⓢ 07/25 18:10:00}	remnant of AR 12712
07/26 02:03:00 - 07/26 03:49:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/26 04:40:30 - 07/26 06:20:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/26 06:34:00 - 07/26 07:59:54	Track (752.2, 163.8) ^{Ⓢ 07/26 06:31:00}	remnant of AR 12712
07/26 09:35:30 - 07/26 09:59:54	Fixed (-18.0, -56.0)	HOP 321 joint observation with GREGOR
07/26 10:03:00 - 07/26 17:19:00	Track (769.6, 166.0) ^{Ⓢ 07/26 10:00:00}	remnant of AR 12712
07/26 23:03:00 - 07/27 01:59:54	Track (826.6, 174.9) ^{Ⓢ 07/26 23:00:00}	remnant of AR 12712
07/27 02:03:00 - 07/27 03:59:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/27 04:13:06 - 07/27 05:45:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/27 05:59:00 - 07/27 07:53:30	Fixed (865.0, 180.0)	remnant of AR 12712
07/27 08:32:00 - 07/27 09:33:00	Fixed (-18.0, -56.0)	HOP 321 joint observation with GREGOR
07/27 10:10:30 - 07/27 17:42:24	Fixed (865.0, 180.0)	remnant of AR 12712
07/27 18:36:00 - 07/28 01:59:54	Fixed (865.0, 180.0)	remnant of AR 12712
07/28 02:03:00 - 07/28 03:39:00	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/28 04:25:06 - 07/28 05:59:54	Fixed (-18.0, -56.0)	HOP 173 EPO campaign

PROG= 13 30-time(s)

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

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Active Region Search

* * * * *

NOT USED

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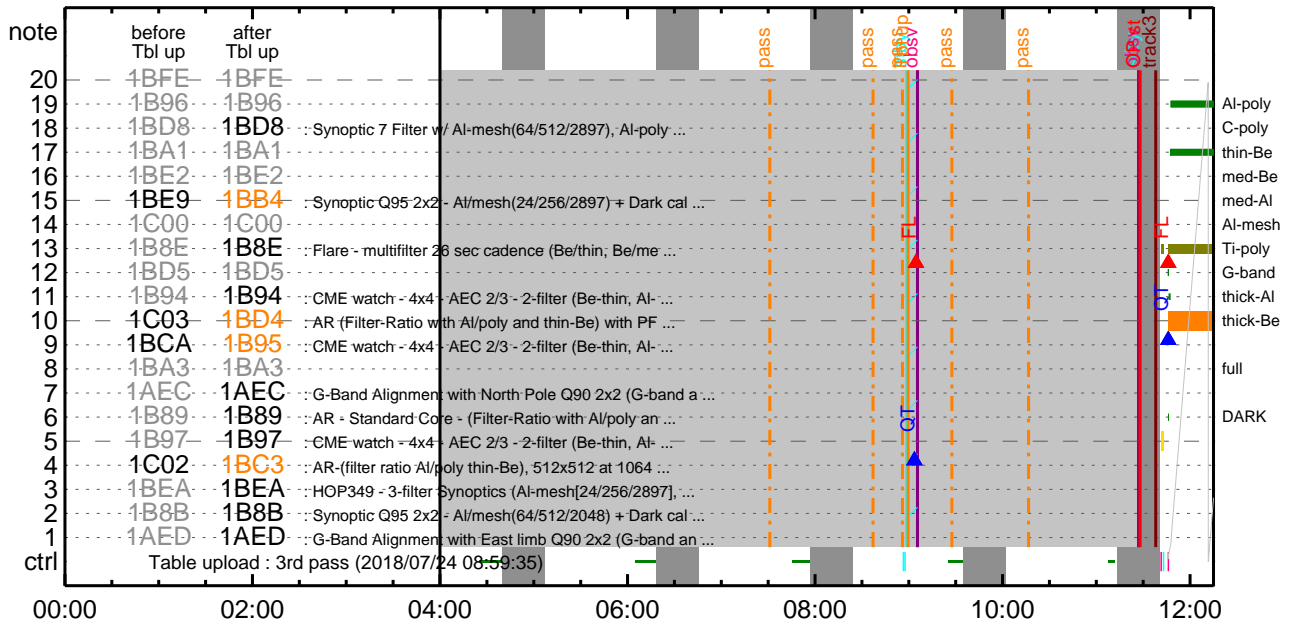
Flare Detection

* * * * *

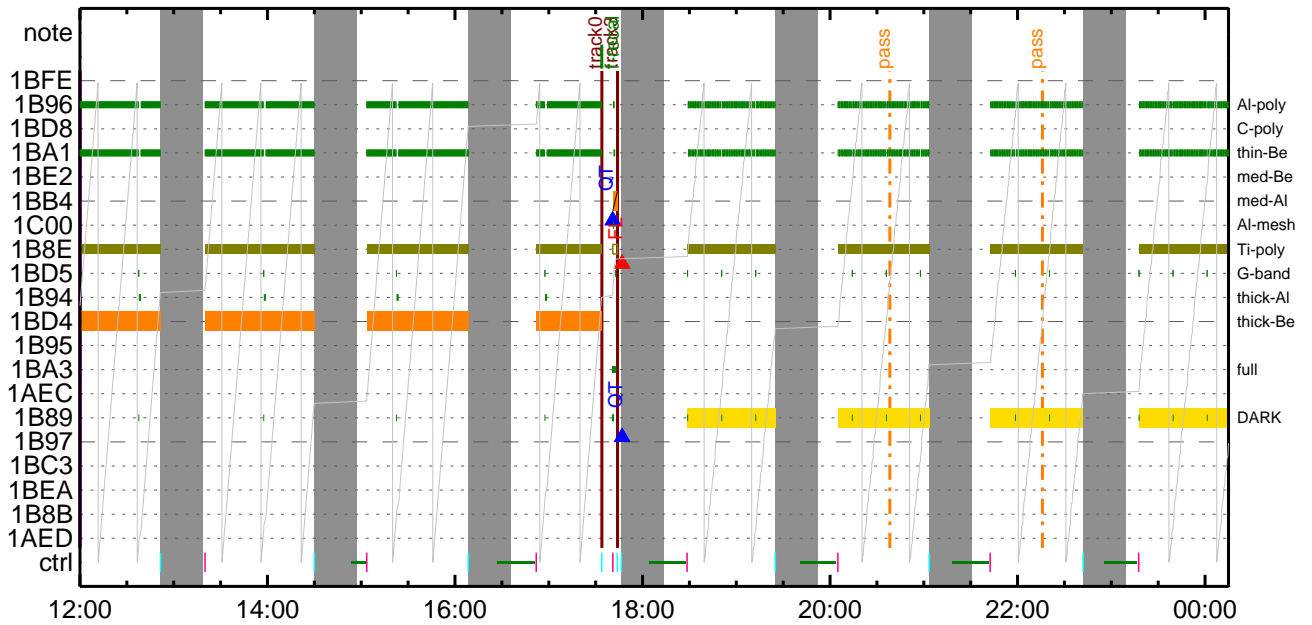
FLD Patrol

Term	Pointing (x, y)	Comment
07/24 17:44:16 - 07/25 04:11:16	Track (521.3, 144.5) ^{Ⓢ 07/24 17:44:00}	remnant of AR 12712
07/25 04:15:16 - 07/25 05:58:18	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/25 06:08:16 - 07/25 18:00:16	Track (608.1, 150.1) ^{Ⓢ 07/25 06:08:00}	remnant of AR 12712
07/25 18:10:16 - 07/26 03:50:16	Track (683.9, 156.4) ^{Ⓢ 07/25 18:10:00}	remnant of AR 12712
07/26 04:27:56 - 07/26 06:21:16	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/26 06:31:16 - 07/26 18:00:16	Track (752.2, 163.8) ^{Ⓢ 07/26 06:31:00}	remnant of AR 12712
07/26 23:00:16 - 07/27 04:04:16	Track (826.6, 174.9) ^{Ⓢ 07/26 23:00:00}	remnant of AR 12712
07/27 04:10:22 - 07/27 05:46:16	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
07/27 05:56:16 - 07/27 17:42:46	Fixed (865.0, 180.0)	remnant of AR 12712
07/27 17:52:46 - 07/28 04:16:16	Fixed (865.0, 180.0)	remnant of AR 12712
07/28 04:22:22 - 07/28 06:00:18	Fixed (-18.0, -56.0)	HOP 173 EPO campaign
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	

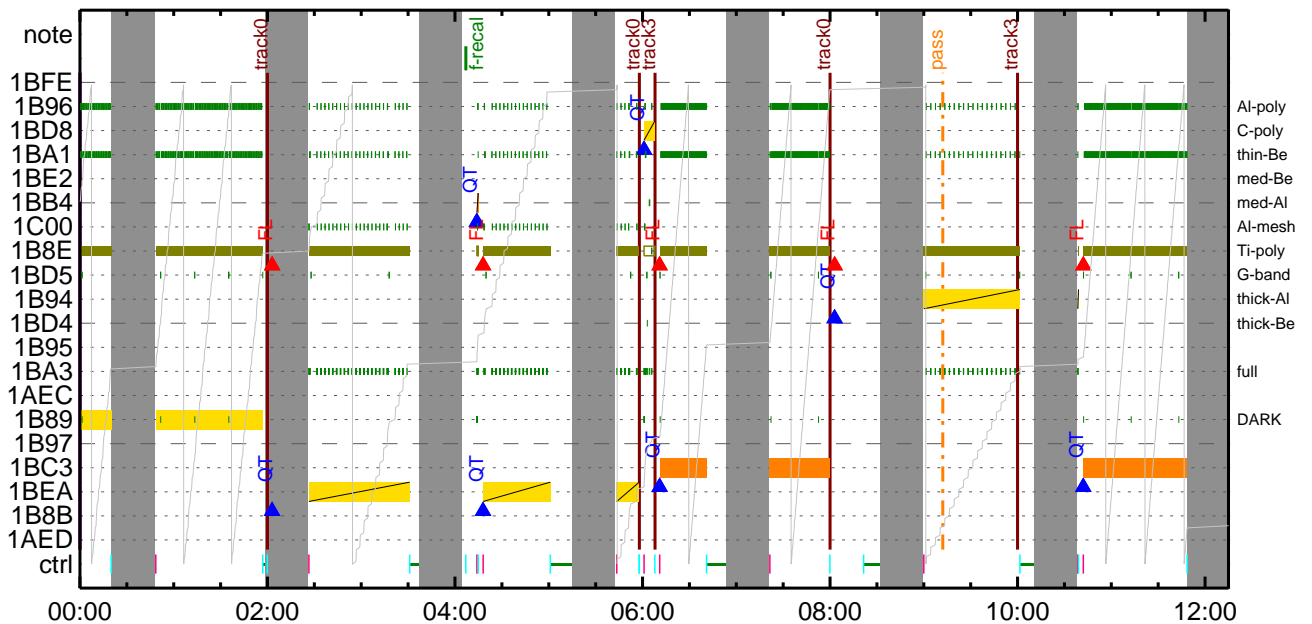
CMDI #0646 2018/07/24



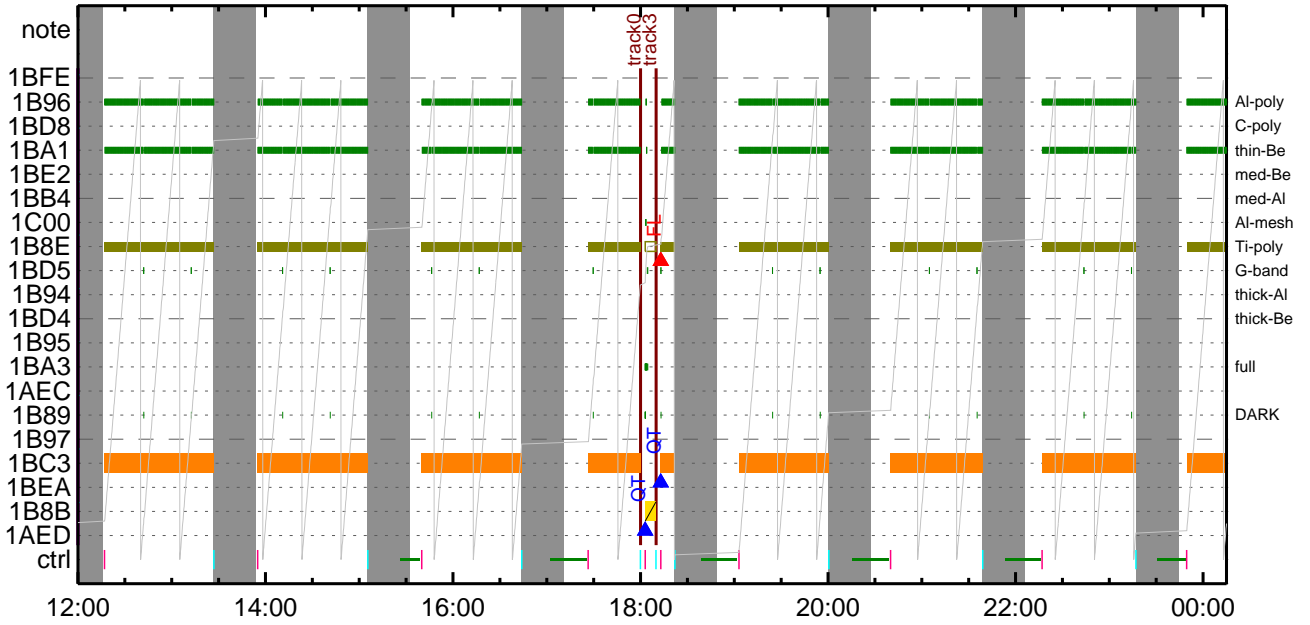
CMDI #0646 2018/07/24



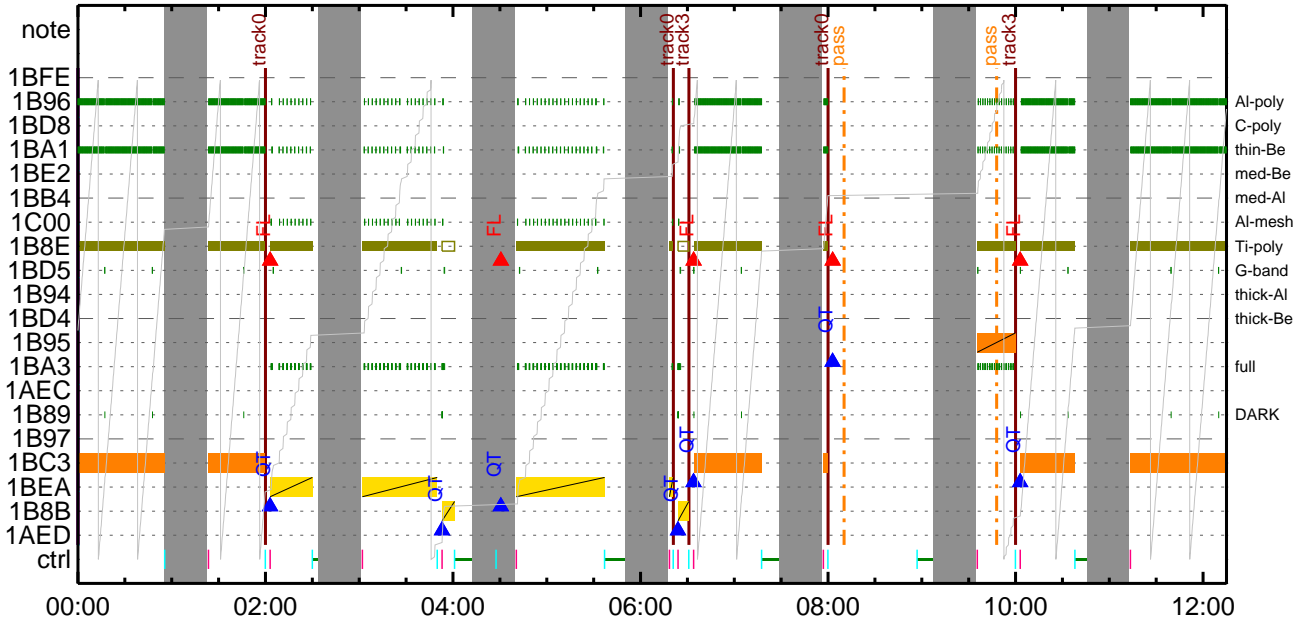
CMDI #0646 2018/07/25



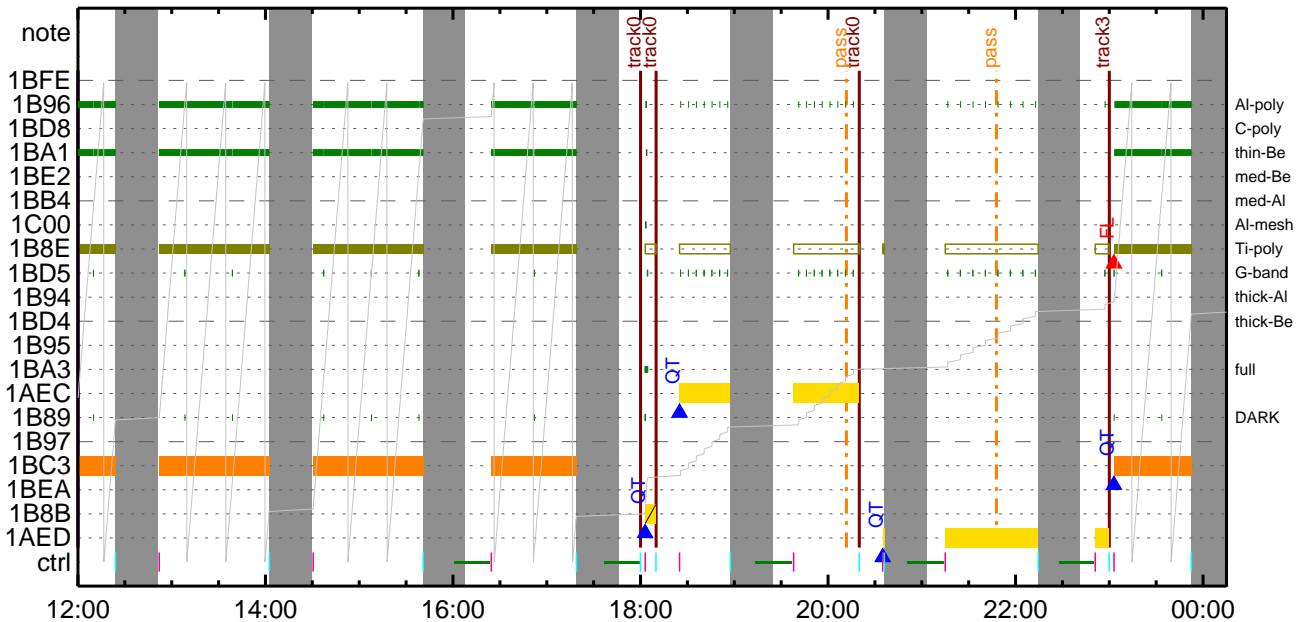
CMDI #0646 2018/07/25



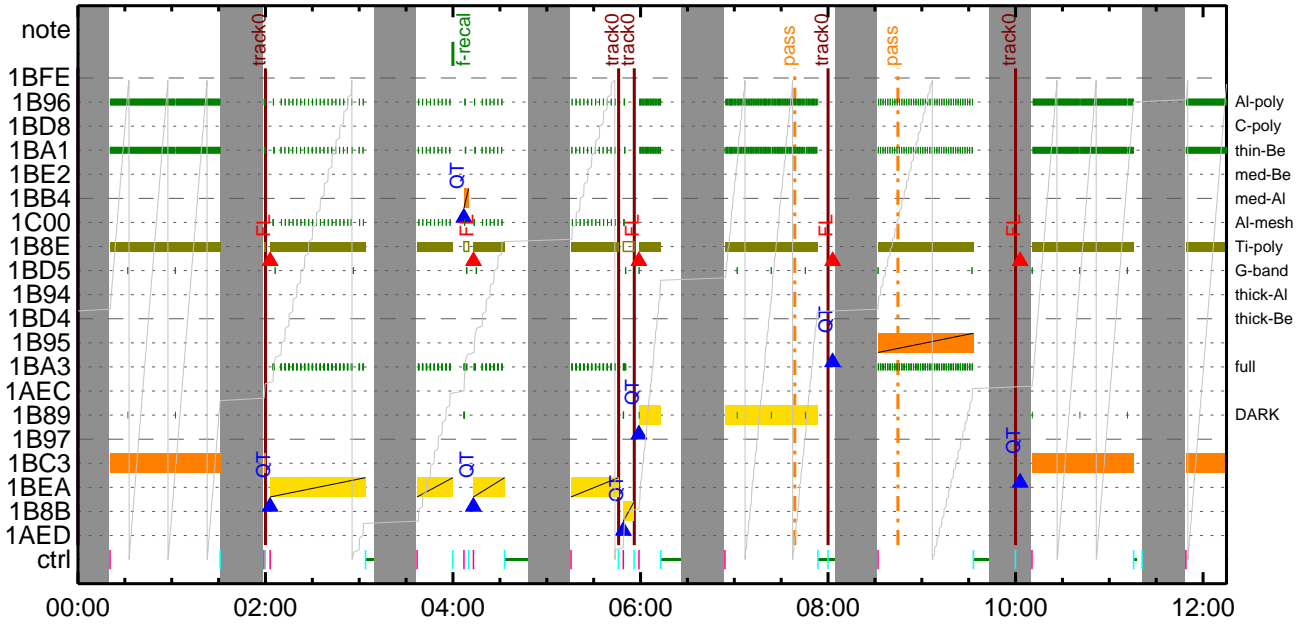
CMDI #0646 2018/07/26



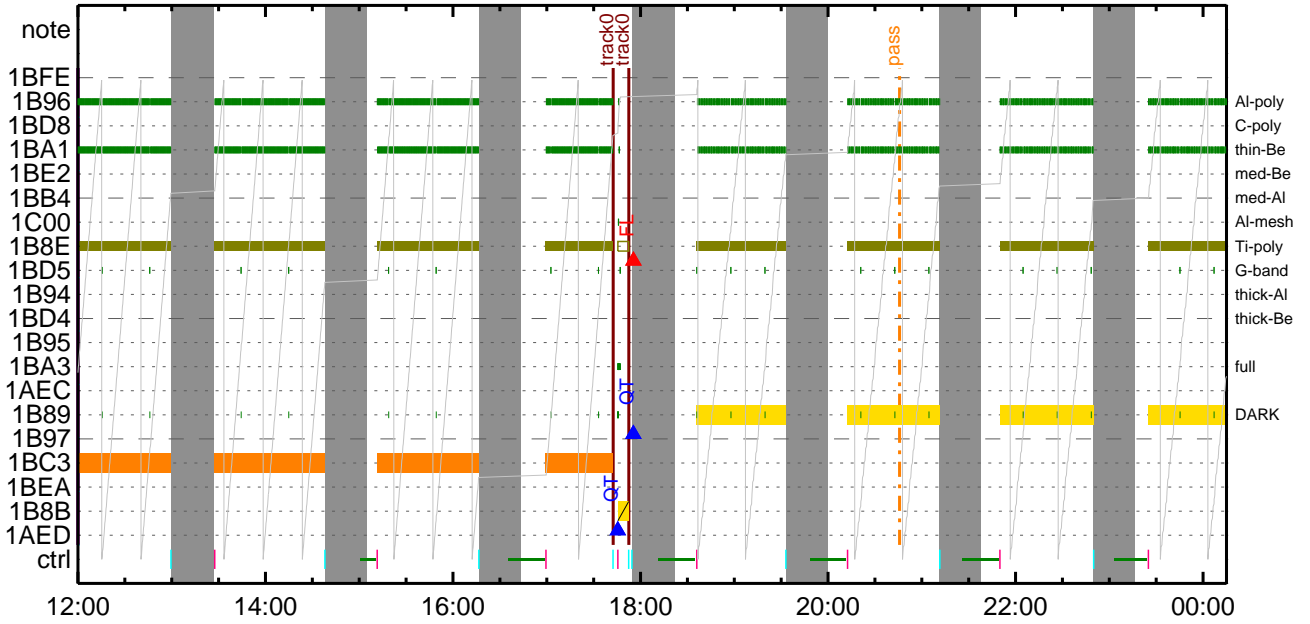
CMDI #0646 2018/07/26



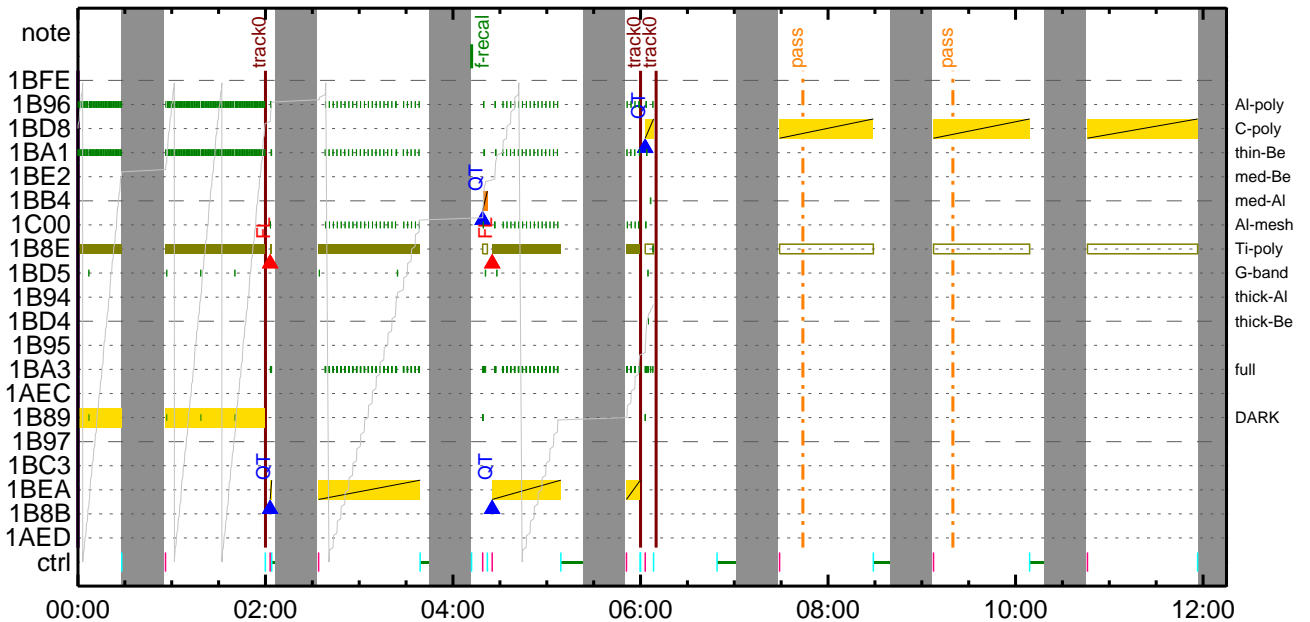
CMDI #0646 2018/07/27



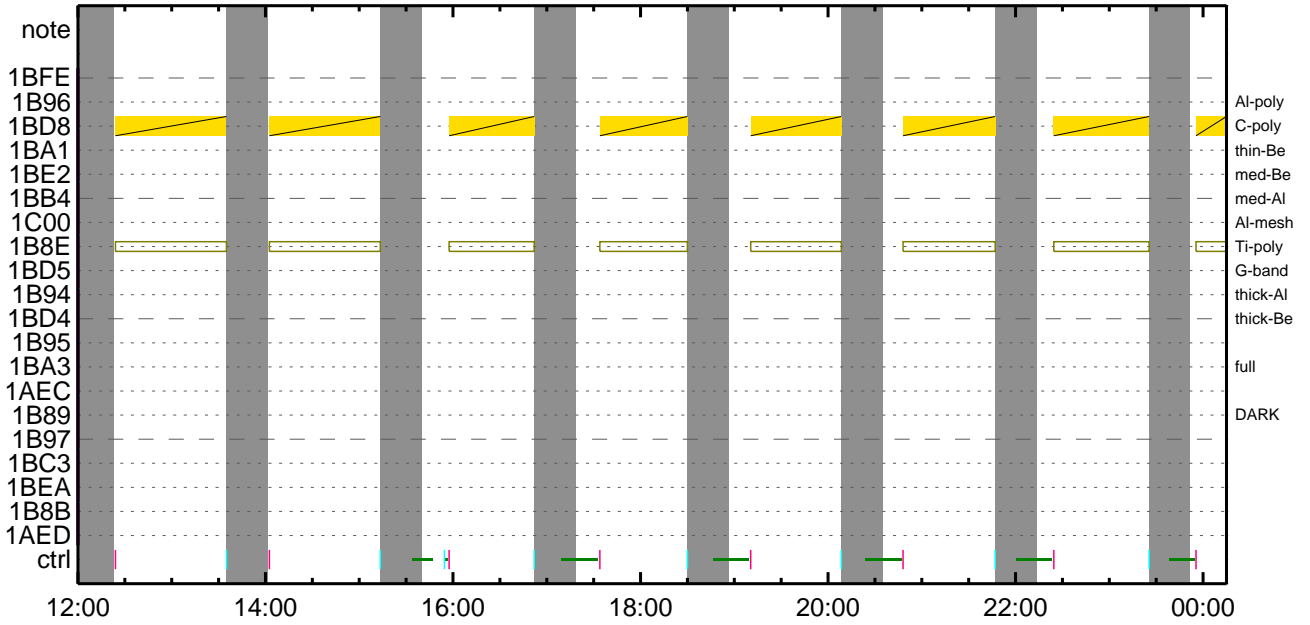
CMDI #0646 2018/07/27



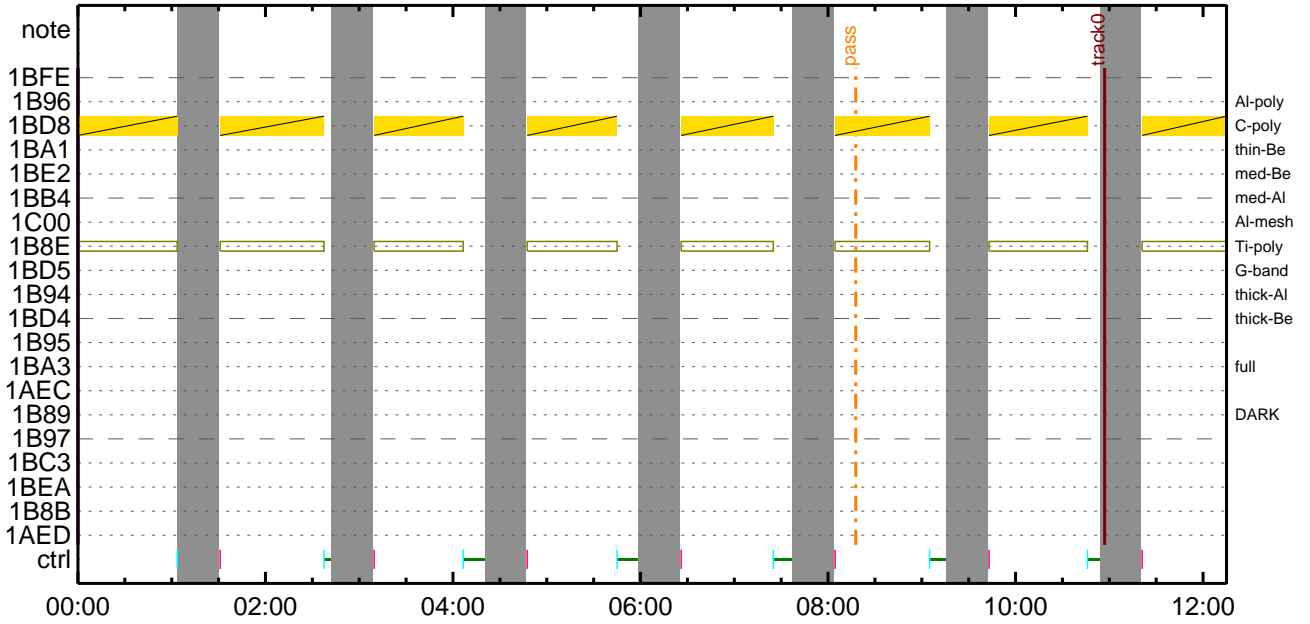
CMDI #0646 2018/07/28



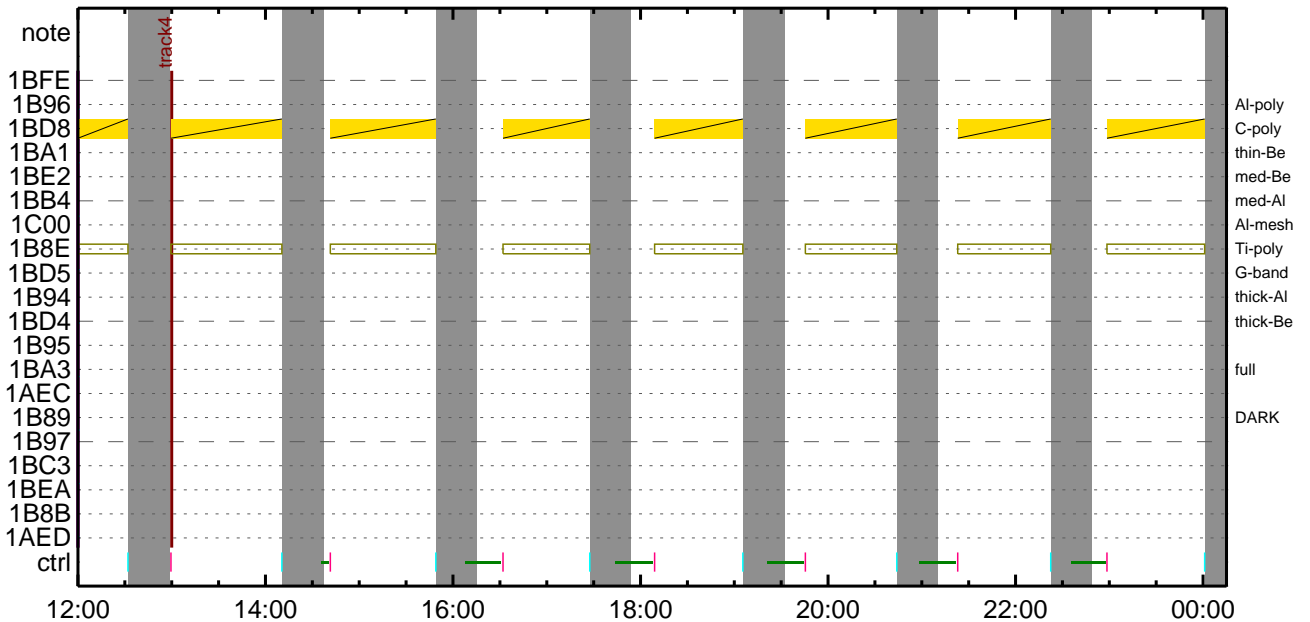
CMDI #0646 2018/07/28



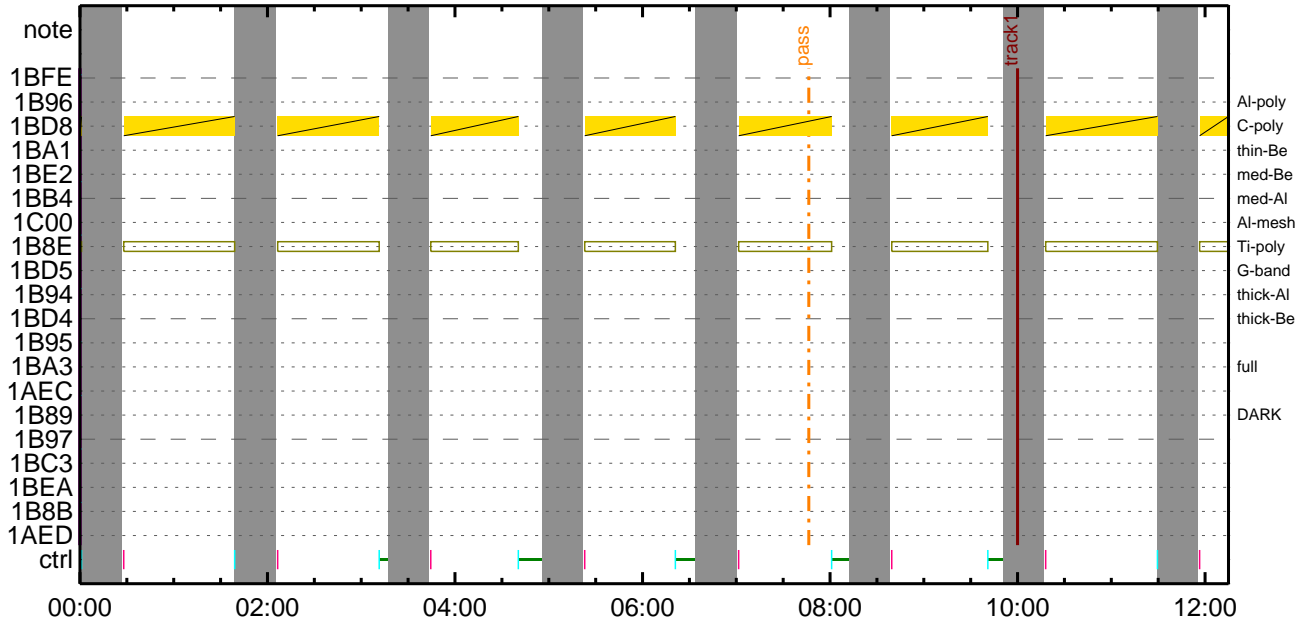
CMDI #0646 2018/07/29



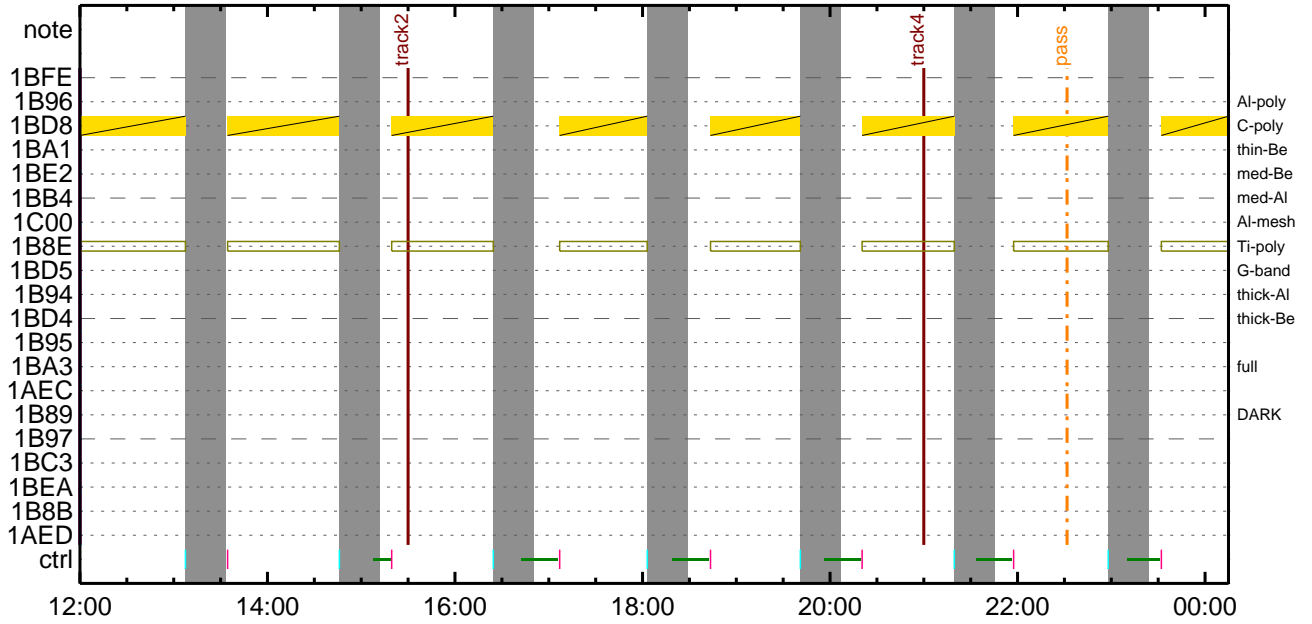
CMDI #0646 2018/07/29



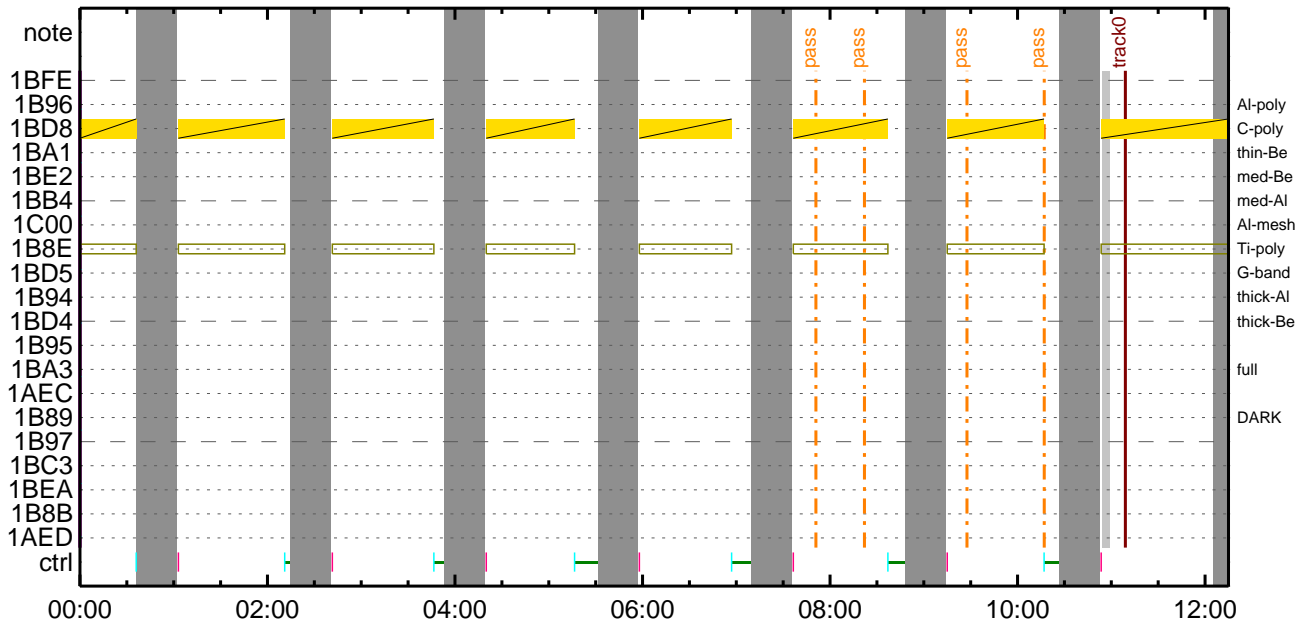
CMDI #0646 2018/07/30



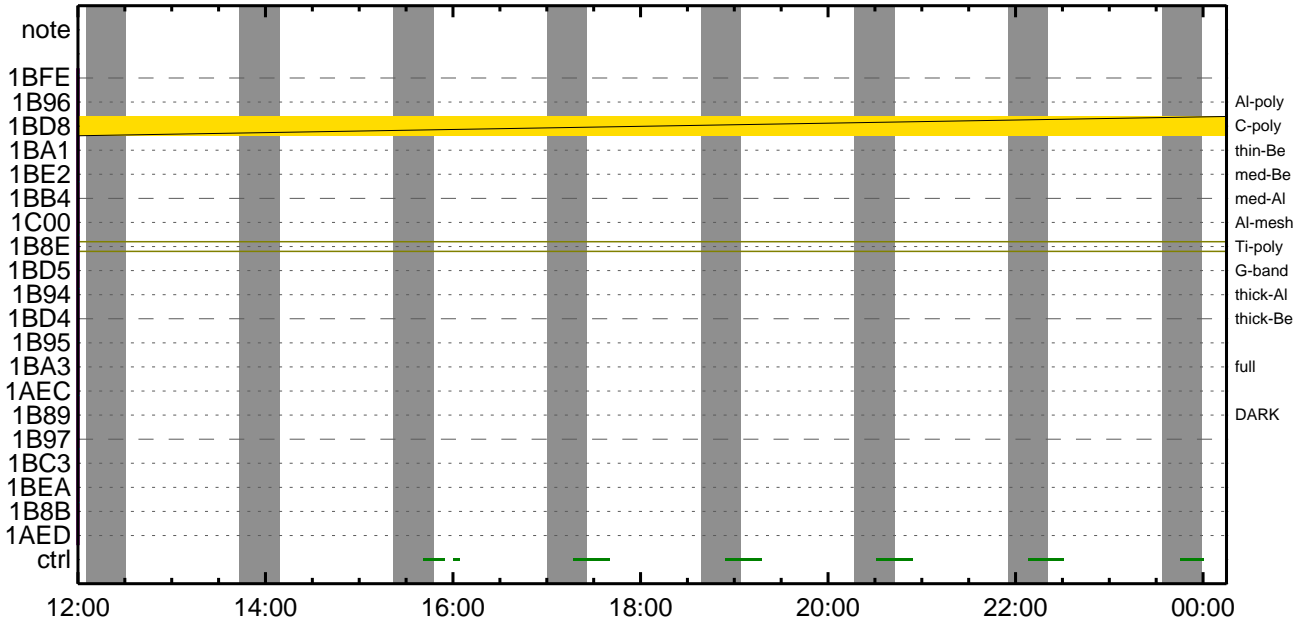
CMDI #0646 2018/07/30



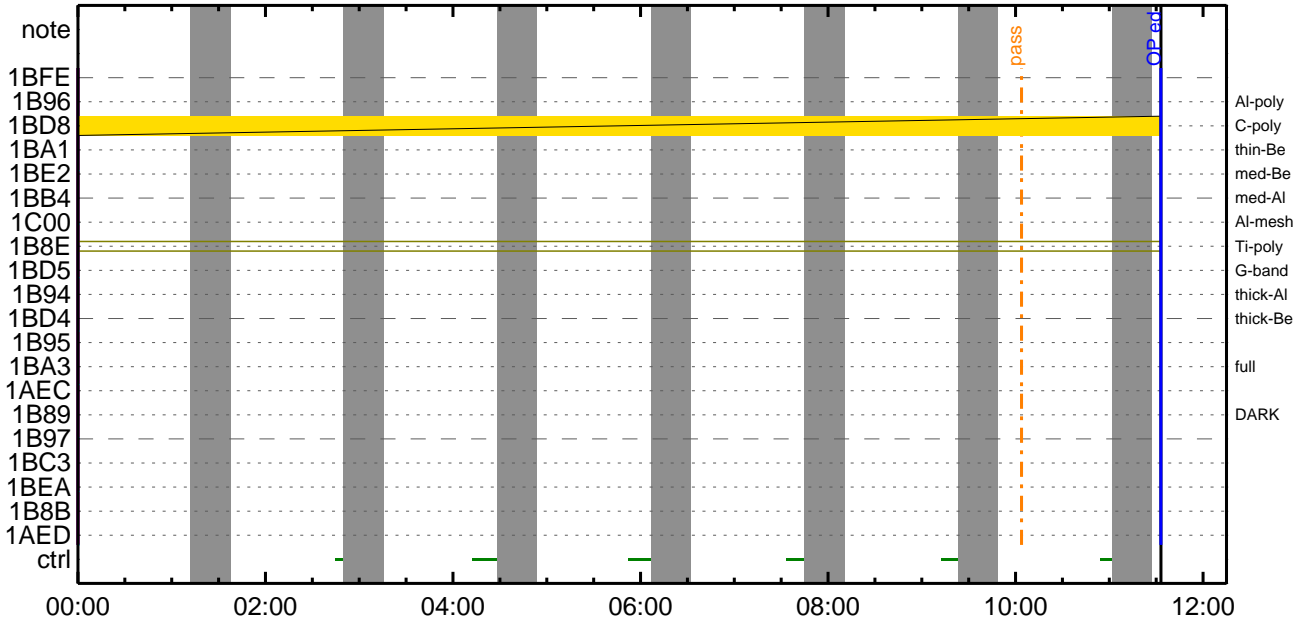
CMDI #0646 2018/07/31



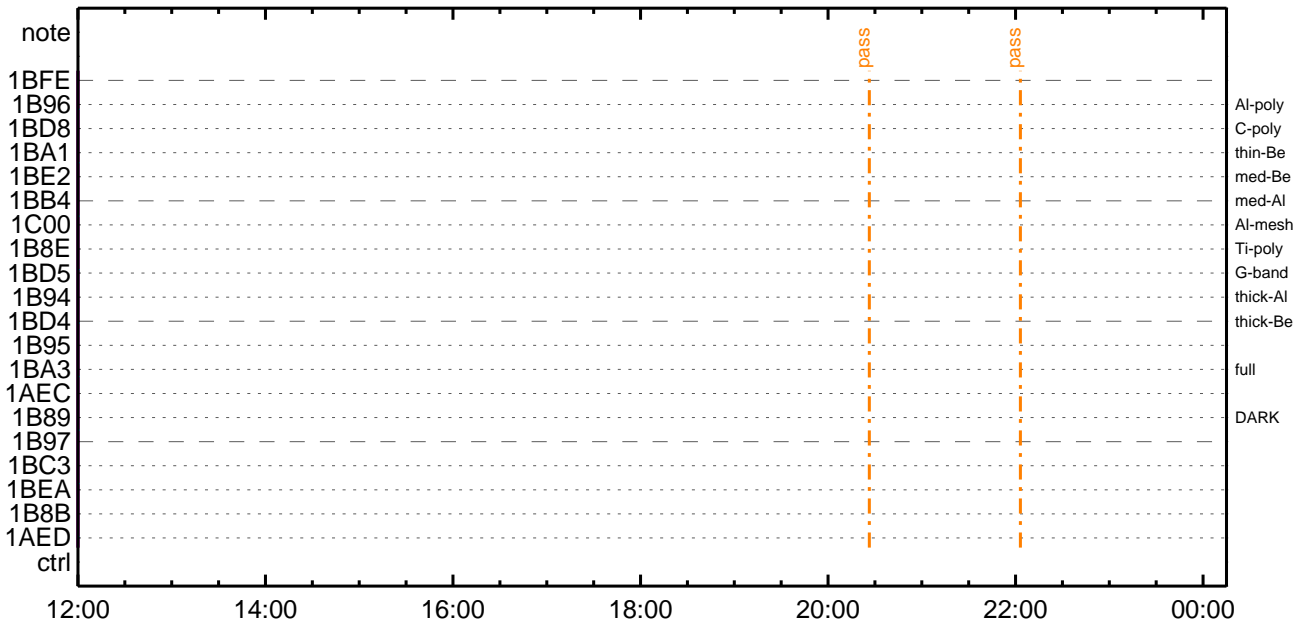
CMDI #0646 2018/07/31



CMDI #0646 2018/08/01



CMDI #0646 2018/08/01




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0096 C.                SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C. TIY³YFYYÖYÉaðdÄDİ¿(UT)
0099 +. TI 2018-07-24 11:23:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0102 C.
0103 +. TI 2018-07-24 11:23:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0106 C.
0107 +. TI 2018-07-24 11:23:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0110 C.
0111 +. TI 2018-07-24 11:27:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]           EQ      1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÄY-¹àİÜ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]       EQ      ENA
0117 C.                çç[HK1_TI_CMD_NUM]         EQ      4
0118 C.                çç[HK1_NEXT_EXEC_PIM]       EQ      DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]       EQ      0xB3
0120 C.
0121 C. *****
0122 C. TIİİ°èYÄYÖY×
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. YÄYÖY×½ªİ»að³İÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]        EQ      NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKað³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½, Yİ;¼YÈ;Èaðİã¹
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. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2018-07-24 11:27:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2018-07-24 11:27:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C.                [ ] [HK1_TI_CMD_NUM]       EQ      2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2018-07-24 11:27:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C.                [ ] [HK1_TI_CMD_NUM]       EQ      1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÄîaİ»ö¼YªEÄa¹aèDCBC•x²è *****
0181 C. (%ã°İYÖYÄYÈYBYYÈYÄYÇYèaÈ¼aª¼Ä»Ü¹aè)
0182 S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YDÿ¹.İ Daily±¿İÑaÈ'Øa¹aèDCBC•x²è *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÁY§YÄY-¼Ä»Ü;ã
0192 C.
0193 C. ***** LOS *****

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0096 C.
0097 C.
0098 C. **** AOCs Commands (Tracking Curve Upload) ****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 S. RAM ram-150:TARGET_ATT
0102 (
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 []
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for 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. **** AOCs Commands (Orbital Element Update) ****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 + DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 3997793.3 +- 1.0 (s) []
0136 C.
0137 C.
0138 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 C. Verify EIS in MANUAL mode
0145 C. Estimated OBSTBL upload time is 1m35s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 S. RAM ram-820:EIS_OBSTBL
0150 (
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2018-07-24 11:27:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 C. [] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 C. **** MDP 'ùÃîâî»ö¼ÝðÉÄðñ¹ëDCBC•×²è ****
0165 C. (¼°îÝÓÝÁÝËÝÞÝËÝ¼ÝËÝ¼ÝË¼°¼Å»Û¹¼é)
0166 S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 C. **** ÝÐÝ¹•İ Daily±¼ÎÑè'Øñ¹ëDCBC•×²è ****
0171 S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 C. ;ãLOSÝÁÝSÝÄÝ¹¼Å»Û¼ä
0176 C.
0177 C. ***** LOS *****
0178 C.

(a) Spacecraft Operation Procedure (real-commands)

```
main-523 2018-07-24 15:23:42 106 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿øÅø•µ°ÈÍ×ÁÇøíYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÈ;ÈøÈ¼°ÇÖø•ø¿¼í¹çøí;çÁ®, ùø¹øÈøÈøÇÁ+¿®ø•øÈøøø³øÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ( )
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 80 80 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 85 83 06 06)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 85 83 08 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 80 80 20 08)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b 80 80 08 20)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0c 80 60 20 18)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0d a0 80 18 20)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0f 80 80 06 06)
0062 + DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 10 80 80 08 08)
0064 + DC 07-F0 MDP_XRT_FLD_ENA
0065 BC (d8)
0066 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0067 BC (c8)
0068 + DC 07-F0 MDP_XRT_ARS_DIS
0069 BC (d5)
0070 + DC 07-F0 MDP_XRT_AEC_RESET
0071 BC (d0)
0072 + DC 07-F0 MDP_XRT_FLD_RESET
0073 BC (da)
0074 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0075 BC (c4 05)
0076 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0077 BC (c5 0d)
0078 . C. ----- Success Verify ? OK / NG ____
0079 C.
0080 C.
0081 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0082 C.
0083 +. DC 07-F0 MDP_XRT_MODE_OBSV
0084 BC (c2)
0085 +. TI 2018-07-24 11:27:02.0
0086 DC 07-F0 MDP_XRT_MODE_OBSV
0087 BC (c2)
0088 . C. ----- Success Verify ? OK / NG ____
0089 C.
0090 C. ***** XRT END *****
0091 C.
0092 . C. ***** MDP ´ûÁíøí»ò¼YøÈÁøø¹øÈDCBC×²è *****
0093 C. (¼á°íYÓYÁYÈYÈYÈYÁYçYèøÈ¼øø¼Á»Ûø¹øÈ)
0094 . S. DC-BC dcbc-402:DCBC
0095 (MDP_known_event)
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0096 C.
0097 C.
0098 . C. ***** ¥Ð¥¹•ï Daily±¿ÍÑ¤È´Ø¤¹¤èDCBC•x²è *****
0099 . S. DC-BC dcbc-153:DCBC
0100 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0101 C.
0102 C.
0103 . C. ;ãLOS¥Á¥\$¥Ã¥-¼Á»Û;ã
0104 C.
0105 . C. ***** LOS *****
0106 C.

*** OP Sequence for XRT ***

2018/07/24	11:38:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03	00	00	00	00
2018/07/24	11:40:30.0	XRT_Custom_430_OG [0x1ae]								
2018/07/24	11:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	11:43:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	11:43:02.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/07/24	11:43:22.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/24	11:45:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/24	11:45:56.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/24	11:45:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/24	11:46:00.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	11:46:02.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2018/07/24	11:46:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/07/24	11:46:06.0	XRT_CTRL_AUTO_442_OG [0x1ba]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	12:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	12:51:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	12:51:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	12:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	13:19:00.0	XRT_Custom_430_OG [0x1ae]								
2018/07/24	13:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	14:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	14:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	14:30:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	14:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	15:02:30.0	XRT_Custom_430_OG [0x1ae]								
2018/07/24	15:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	16:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	16:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	16:08:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	16:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	16:51:00.0	XRT_Custom_430_OG [0x1ae]								
2018/07/24	16:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	17:33:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	17:33:56.0	XRT_FOCUS_RECALIBRATE_425_OG [0x1a9]	XRT_FOCUS_RECAL	2	07-F8	78	00			
2018/07/24	17:34:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00
2018/07/24	17:37:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/07/24	17:38:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/24	17:38:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/24	17:38:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/24	17:40:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2018/07/24	17:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	17:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	17:43:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/07/24	17:44:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03	00	00	00	00
2018/07/24	17:44:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/24	17:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	17:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	17:46:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	17:46:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								

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2018/07/24	17:46:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/24	17:46:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/24	17:46:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/24	17:46:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2018/07/24	17:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/24	17:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/24	18:27:30.5	XRT_Custom_430_OG [0x1ae]					
2018/07/24	18:28:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/24	19:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/24	19:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/24	19:25:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/24	19:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/24	20:04:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/24	20:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/24	21:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/24	21:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/24	21:03:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/24	21:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/24	21:41:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/24	21:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/24	22:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/24	22:42:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/24	22:42:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/24	22:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/24	23:16:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/24	23:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	00:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	00:20:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	00:20:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/25	00:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/25	00:47:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/25	00:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	01:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	01:57:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	01:57:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/25	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	01:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/07/25	02:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 04 fd	01 99
2018/07/25	02:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/25	02:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/25	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/25	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/25	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/25	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	02:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2018/07/25	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/25	02:25:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/25	02:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	03:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2018/07/25	03:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	03:31:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/25	03:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/25	04:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	04:06:56.0	XRT_FOCUS_RECALIBRATE_425_OG [0x1a9]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2018/07/25	04:10:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/25	04:11:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/25	04:11:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/25	04:11:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/25	04:13:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2018/07/25	04:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	04:14:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	04:14:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/25	04:15:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/25	04:17:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/25	04:17:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/25	04:17:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/25	04:17:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	04:17:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/25	04:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/25	04:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	05:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	05:01:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	05:01:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/25	05:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/25	05:42:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/25	05:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	05:57:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	05:57:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	05:57:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/25	05:58:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/25	05:58:18.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/25	06:00:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/25	06:00:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/25	06:00:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2018/07/25	06:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	06:07:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	06:07:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/25	06:08:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2018/07/25	06:08:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/25	06:10:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/25	06:10:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/25	06:10:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/25	06:10:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	06:10:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2018/07/25	06:10:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/25	06:11:00.0	XRT_CTRL_AUTO_442_OG [0x1ba]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2018/07/25	06:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	06:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	06:41:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/25	06:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/25	07:20:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/25	07:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	07:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/25	08:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 04 fd 01 99				
2018/07/25	08:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/25	08:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/25	08:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/25	08:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/25	08:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	08:02:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2018/07/25	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/25	08:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	08:21:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	08:21:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/25	08:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/25	08:59:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/25	09:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	10:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2018/07/25	10:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	10:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	10:01:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/25	10:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/25	10:37:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/25	10:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	10:39:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	10:39:02.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/25	10:39:22.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/25	10:41:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/25	10:41:56.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/25	10:41:58.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/25	10:42:00.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	10:42:02.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2018/07/25	10:42:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/25	10:42:06.0	XRT_CTRL_AUTO_442_OG [0x1ba]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	11:48:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	11:48:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	11:48:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/25	11:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/25	12:16:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/25	12:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/25	13:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/25	13:27:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/25	13:27:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/25	13:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

2018/07/25	13:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/25	13:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/07/25	15:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	15:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	15:05:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	15:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/25	15:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/25	15:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/07/25	16:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	16:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	16:44:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	16:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/25	17:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/25	17:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/07/25	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/07/25	18:00:16.0	XRT_FLD_DIS_401_OG [0x191]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/07/25	18:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/07/25	18:00:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/07/25	18:02:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/25	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2018/07/25	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	18:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/07/25	18:10:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	03 00 00 00 00	
2018/07/25	18:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/25	18:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/25	18:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/25	18:12:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/25	18:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04	
2018/07/25	18:13:00.0	XRT_CTRL_AUTO_442_OG [0x1ba]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/07/25	18:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	18:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	18:22:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	18:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/25	19:02:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/25	19:03:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/07/25	20:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	20:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	20:00:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	20:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/25	20:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/25	20:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2018/07/25	21:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/25	21:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/25	21:39:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/25	21:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	

2018/07/25	22:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/25	22:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/25	23:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/25	23:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/25	23:17:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/25	23:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/25	23:48:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/25	23:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/26	00:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/26	00:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/26	00:55:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/26	00:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/26	01:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/26	01:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/26	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/26	01:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/26	02:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/26	02:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 04 fd 01 99		
2018/07/26	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/26	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/26	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/26	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/26	02:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/26	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2018/07/26	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/07/26	02:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/26	02:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/26	02:30:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/26	02:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/26	03:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/26	03:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/26	03:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/26	03:49:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/26	03:50:16.0	XRT_FLD_DIS_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/26	03:50:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/07/26	03:50:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/07/26	03:52:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/26	03:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2018/07/26	04:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/26	04:01:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/26	04:01:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/26	04:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/26	04:27:34.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/26	04:27:36.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/26	04:27:56.0	XRT_FLD_ENA_446_OG [0x1be]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/26	04:30:28.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/26	04:30:30.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/26	04:30:32.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/26			MDP_XRT_ARS_DIS	1	07-F0	d5		

2018/07/26	04:30:34.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/26	04:30:36.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2018/07/26	04:30:38.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/26	04:39:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	04:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/26	05:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/26	05:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/26	05:37:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/26	05:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/26	06:17:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	06:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/26	06:20:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/26	06:20:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/26	06:21:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2018/07/26	06:21:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/07/26	06:21:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/07/26	06:21:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/26	06:23:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2018/07/26	06:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/26	06:30:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/26	06:30:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2018/07/26	06:31:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03	00	00	00
2018/07/26	06:31:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/26	06:33:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/26	06:33:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/26	06:33:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/26	06:33:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/26	06:33:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2018/07/26	06:33:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/26	06:34:00.0	XRT_CTRL_AUTO_442_OG [0x1ba]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/26	07:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/26	07:17:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/26	07:17:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/26	07:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/26	07:56:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	07:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/26	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/26	07:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/26	08:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	04	fd	01
2018/07/26	08:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/26	08:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/26	08:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/26	08:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/26	08:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/26	08:02:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2018/07/26	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/26	08:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/26	08:57:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			

2018/07/26	08:57:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/26	09:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/26	09:34:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	09:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/26	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/26	09:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/26	10:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2018/07/26	10:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/26	10:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/26	10:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/26	10:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/26	10:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/26	10:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2018/07/26	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/26	10:03:00.0	XRT_CTRL_AUTO_442_OG [0x1ba]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/26	10:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/26	10:38:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/26	10:38:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/26	10:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/26	11:12:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	11:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/26	12:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/26	12:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/26	12:24:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/26	12:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/26	12:51:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	12:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/26	14:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/26	14:02:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/26	14:02:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/26	14:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/26	14:29:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	14:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/26	15:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/26	15:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/26	15:41:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/26	15:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/26	16:23:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/26	16:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/26	17:19:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/26	17:19:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/26	17:19:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/26	17:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/26	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/26	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/26	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/26	18:00:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/26	18:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/26	18:00:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

2018/07/26	18:02:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2018/07/26	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/26	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/26	18:09:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2018/07/26	18:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 ad	59 00 00
2018/07/26	18:10:16.0	XRT_FLD_DIS_431_OG [0x1af]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/07/26	18:24:54.0	XRT_FLRCTRL_DIS_434_OG [0x1b2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/07/26	18:24:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/26	18:24:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2018/07/26	18:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/26	18:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/26	18:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/26	18:57:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/26	19:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/26	19:37:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/26	19:38:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/26	20:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/26	20:19:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2018/07/26	20:20:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00	00 56 35
2018/07/26	20:20:16.0	XRT_FLD_DIS_431_OG [0x1af]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/07/26	20:34:54.0	XRT_FLRCTRL_DIS_434_OG [0x1b2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/07/26	20:34:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/26	20:34:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2018/07/26	20:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/26	20:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/26	20:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/26	20:36:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/26	20:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/26	21:14:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/26	21:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/26	22:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/26	22:14:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/26	22:14:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/26	22:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/26	22:50:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/26	22:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/26	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/26	22:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2018/07/26	23:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00	00 00 00
2018/07/26	23:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/26	23:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/26	23:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/26	23:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/26	23:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/26	23:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2018/07/26	23:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/26	23:03:00.0	XRT_CTRL_AUTO_442_OG [0x1ba]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/26	23:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2018/07/26	23:52:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/26	23:52:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/26	23:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	00:19:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	00:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	01:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	01:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	01:31:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	01:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	01:58:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	01:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	01:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/27	02:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 04 fd 01 99				
2018/07/27	02:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/27	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/27	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/27	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	02:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/27	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/27	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	03:04:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	03:04:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	03:04:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	03:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	03:36:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	03:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	03:59:56.0	XRT_FOCUS_RECALIBRATE_425_OG [0x1a9]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2018/07/27	04:03:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/27	04:04:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/27	04:04:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/27	04:04:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	04:06:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2018/07/27	04:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	04:10:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	04:10:02.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/27	04:10:22.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/27	04:12:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/27	04:12:56.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/27	04:12:58.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	04:13:00.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	04:13:02.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/27	04:13:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/27	04:13:06.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	04:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	04:33:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

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2018/07/27	04:33:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	04:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	05:14:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	05:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	05:45:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	05:45:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/27	05:46:00.5	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/27	05:46:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/27	05:46:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/27	05:46:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	05:48:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2018/07/27	05:49:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	05:55:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	05:55:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/27	05:56:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 f0 00 b3 1b				
2018/07/27	05:56:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/27	05:58:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/27	05:58:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/27	05:58:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	05:58:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	05:58:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2018/07/27	05:58:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/27	05:59:00.0	XRT_CTRL_AUTO_442_OG [0x1ba]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	06:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	06:13:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	06:13:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	06:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	06:53:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	06:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	07:53:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	07:53:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	07:53:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	07:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	07:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/27	08:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 04 fd 01 99				
2018/07/27	08:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/27	08:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/27	08:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/27	08:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	08:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	08:02:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2018/07/27	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/27	08:31:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	08:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	09:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	09:33:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	09:33:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2018/07/27	09:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	09:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/27	10:00:00.0	AOCS_OrE-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 f0 00 b3 1b				
2018/07/27	10:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/27	10:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/27	10:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/27	10:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	10:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	10:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2018/07/27	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/27	10:09:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	10:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	11:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	11:15:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	11:15:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	11:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	11:21:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	11:21:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	11:21:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	11:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	11:48:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	11:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	12:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	12:59:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	12:59:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	13:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	13:26:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	13:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	14:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	14:38:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	14:38:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	14:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	15:10:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	15:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	16:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	16:16:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/27	16:16:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/27	16:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/27	16:58:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/27	16:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/27	17:42:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/27	17:42:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/27	17:42:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/27	17:42:46.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/27	17:42:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/27	17:42:50.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/27	17:45:28.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2018/07/27	17:45:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

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2018/07/27	17:52:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/27	17:52:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2018/07/27	17:52:30.0	AOCS_OrE-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 f0 00 b3 1b	
2018/07/27	17:52:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/27	17:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/27	17:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/27	17:54:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/27	17:55:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/27	17:55:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/27	17:55:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/27	17:55:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/27	17:55:26.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2018/07/27	17:55:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2018/07/27	17:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/27	18:35:00.5	XRT_Custom_430_OG [0x1ae]					
2018/07/27	18:36:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/27	19:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/27	19:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/27	19:33:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/27	19:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/27	20:11:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/27	20:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/27	21:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/27	21:11:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/27	21:11:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/27	21:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/27	21:49:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/27	21:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/27	22:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/27	22:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/27	22:50:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/27	22:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/27	23:24:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/27	23:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/28	00:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/28	00:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/28	00:28:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/28	00:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/28	00:55:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/28	00:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/28	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/28	01:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/07/28	02:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 04 fd 01 99	
2018/07/28	02:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/28	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/28	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/28	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/28	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/28	02:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	

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2018/07/28	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/28	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/28	02:04:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	02:04:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/28	02:04:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/28	02:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/28	02:33:00.0	XRT_Custom_430_OG [0x1ae]						
2018/07/28	02:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/28	03:39:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	03:39:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/28	03:39:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/28	03:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/28	04:11:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	04:11:56.0	XRT_FOCUS_RECALIBRATE_425_OG [0x1a9]						
		XRT_FOCUS_RECAL	2	07-F8	78	00		
2018/07/28	04:15:56.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/28	04:16:16.0	XRT_FLD_DIS_401_OG [0x191]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/07/28	04:16:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/07/28	04:16:20.0	XRT_ARS_DIS_417_OG [0x1a1]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/28	04:18:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2018/07/28	04:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/28	04:22:00.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	04:22:02.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/28	04:22:22.0	XRT_FLD_ENA_446_OG [0x1be]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/28	04:24:54.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/28	04:24:56.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/28	04:24:58.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/28	04:25:00.0	XRT_FLD_RESET_420_OG [0x1a4]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/28	04:25:02.0	XRT_QT_PROG_SET_409_OG [0x199]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2018/07/28	04:25:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/28	04:25:06.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/28	05:09:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	05:09:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/28	05:09:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/28	05:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/28	05:50:00.0	XRT_Custom_430_OG [0x1ae]						
2018/07/28	05:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/28	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/28	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00	00	00	00
2018/07/28	06:00:18.0	XRT_FLD_DIS_413_OG [0x19d]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/07/28	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/07/28	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/28	06:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2018/07/28	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/28	06:08:21.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/28	06:10:00.0	AOCS_ORe-point_Start_7_OG [0x09d]						
		AOCU_NM	5	02-76	00	0f	1a	51
2018/07/28	06:15:00.0	XRT_TCIB_XRT_S_HTR_A_ENA_421_OG [0x1a5]						

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2018/07/28	06:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	TCIB_XRT_S_HTR_A_ENA 0 04-BC
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	06:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	06:49:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	06:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	07:28:00.0	XRT_Custom_430_OG [0x1ae]	
2018/07/28	07:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2018/07/28	08:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	08:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	08:29:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	08:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	09:06:30.0	XRT_Custom_430_OG [0x1ae]	
2018/07/28	09:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2018/07/28	10:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	10:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	10:09:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	10:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	10:45:00.0	XRT_Custom_430_OG [0x1ae]	
2018/07/28	10:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2018/07/28	11:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	11:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	11:56:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	11:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	12:23:00.0	XRT_Custom_430_OG [0x1ae]	
2018/07/28	12:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2018/07/28	13:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	13:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	13:35:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	13:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	14:01:30.0	XRT_Custom_430_OG [0x1ae]	
2018/07/28	14:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2018/07/28	15:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	15:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	15:13:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	15:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	15:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	15:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	15:54:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	15:56:30.0	XRT_Custom_430_OG [0x1ae]	
2018/07/28	15:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2018/07/28	15:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	16:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	16:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	16:52:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	16:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2018/07/28	17:33:00.0	XRT_Custom_430_OG [0x1ae]	
2018/07/28	17:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2018/07/28	18:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2018/07/28	18:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2018/07/28	18:30:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2018/07/28	18:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	

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2018/07/28	19:09:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/28	19:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/28	20:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/28	20:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/28	20:08:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/28	20:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/28	20:47:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/28	20:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/28	21:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/28	21:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/28	21:47:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/28	21:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/28	22:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/28	22:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/28	23:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/28	23:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/28	23:25:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/28	23:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/28	23:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/28	23:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/29	01:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/29	01:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/29	01:03:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/29	01:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/29	01:30:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/29	01:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/29	02:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/29	02:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/29	02:37:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/29	02:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/29	03:08:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/29	03:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/29	04:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/29	04:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/29	04:06:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/29	04:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/29	04:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/29	04:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/29	05:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/29	05:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/29	05:45:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/29	05:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/29	06:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/29	06:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/29	07:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/29	07:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/29	07:25:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/29	07:25:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/29	07:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/29	08:03:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/29	08:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2018/07/29	09:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

2018/07/29	09:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	09:05:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	09:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	09:42:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	09:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	10:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/29	10:46:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	10:46:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	10:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	10:57:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/07/29	11:20:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	11:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	12:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/29	12:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	12:32:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	12:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	12:58:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	12:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	13:00:00.0	AOCS_Or-e-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	04 00 00 00 00	
2018/07/29	14:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/29	14:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	14:10:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	14:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	14:40:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	14:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	15:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/29	15:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	15:49:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	15:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	16:31:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	16:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	17:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/29	17:27:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	17:27:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	17:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	18:08:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	18:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	19:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/29	19:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	19:05:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	19:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	19:44:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	19:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	20:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/29	20:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/29	20:44:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/29	20:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/29	21:22:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/29	21:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/29	22:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2018/07/29	22:22:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/29	22:22:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/29	22:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/29	22:57:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/29	22:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	00:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	00:01:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	00:01:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/30	00:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/30	00:27:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/30	00:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	01:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	01:39:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	01:39:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/30	01:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/30	02:05:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/30	02:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	03:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	03:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	03:11:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/30	03:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/30	03:43:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/30	03:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	04:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	04:40:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	04:40:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/30	04:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/30	05:22:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/30	05:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	06:21:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	06:21:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	06:21:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/30	06:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/30	07:00:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/30	07:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	08:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	08:01:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	08:01:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/30	08:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/30	08:38:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/30	08:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	09:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	09:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	09:41:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/30	09:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/30	10:00:00.0	AOCS_Ore-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	01 04 fd 01 99				
2018/07/30	10:17:00.5	XRT_Custom_430_OG [0x1ae]							
2018/07/30	10:18:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/30	11:29:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/30	11:29:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/30	11:29:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							

2018/07/30	11:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	11:55:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	11:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/30	13:07:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/30	13:07:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/30	13:07:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/30	13:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	13:33:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	13:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/30	14:46:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/30	14:46:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/30	14:46:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/30	14:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	15:18:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	15:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/30	15:30:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]					
			AOCU_NM	5	02-76	02 04 fd 01 99	
2018/07/30	16:24:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/30	16:24:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/30	16:24:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/30	16:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	17:06:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	17:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/30	18:03:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/30	18:03:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/30	18:03:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/30	18:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	18:42:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	18:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/30	19:41:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/30	19:41:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/30	19:41:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/30	19:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	20:19:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	20:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/30	21:00:00.0	AOCS_Ore-point_Start_8_OG [0x09e]					
			AOCU_NM	5	02-76	04 00 00 00 00	
2018/07/30	21:19:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/30	21:19:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/30	21:19:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/30	21:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	21:56:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	21:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/30	22:58:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/30	22:58:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/30	22:58:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/30	23:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/30	23:31:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/30	23:32:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/31	00:36:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/31	00:36:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/31	00:36:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	

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2018/07/31	00:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/31	01:02:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/31	01:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/31	02:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/31	02:11:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/31	02:11:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/31	02:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/31	02:40:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/31	02:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/31	03:46:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/31	03:46:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/31	03:46:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/31	03:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/31	04:19:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/31	04:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/31	05:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/31	05:16:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/31	05:16:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/31	05:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/31	05:57:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/31	05:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/31	06:57:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/31	06:57:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/31	06:57:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/31	07:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/31	07:35:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/31	07:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/31	08:37:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/31	08:37:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/31	08:37:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/31	08:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/31	09:14:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/31	09:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/31	10:17:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/31	10:17:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/31	10:17:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/31	10:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/31	10:52:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/31	10:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/31	11:09:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				