

XRT Timeline to be uploaded on 2019/01/22

Period: 2019/01/22 11:00:00 - 2019/01/30 10:48:00

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Normal mode

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XOB #1BCF: CME watch - 4x4 - AEC 1/2 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 180s cad (G-band/Leak first)												
Term	Pointing (x, y)							Comment				
01/22 11:13:00 - 01/22 17:59:54	Track (-20.0, -34.1) ^{Ⓜ 01/22 11:10:00}	# OP start + 10min XBP study (EIS)										
PROG= 03 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 30 1-time(s) 2.0sec												
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec												
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 7 20-time(s) 180.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 1 0 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec												
<div style="display: flex; justify-content: space-between; font-size: small;"> Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval </div>												

XOB #1C2A: Synoptic Q95 2x2 - Al/mesh(181/1024/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(181/1024/8195)												
Term	Pointing (x, y)							Comment				
01/22 18:03:00 - 01/22 18:09:54	Fixed (0.0, 0.0)	synoptic										
01/23 06:19:00 - 01/23 06:25:54	Fixed (0.0, 0.0)	* HOP 349										
01/24 05:51:00 - 01/24 05:57:54	Fixed (0.0, 0.0)	* HOP349										
01/24 17:53:00 - 01/24 17:59:54	Fixed (0.0, 0.0)	synoptic, shifted -10.0 min										
01/25 06:03:00 - 01/25 06:09:54	Fixed (0.0, 0.0)	* HOP349										
01/25 18:09:00 - 01/25 18:15:54	Fixed (0.0, 0.0)	synoptic, shifted 6.0 min										
01/26 06:26:30 - 01/26 06:33:24	Fixed (0.0, 0.0)	* HOP349										
01/26 18:13:00 - 01/26 18:19:54	Fixed (0.0, 0.0)	synoptic, shifted 10.0 min										
01/27 18:00:30 - 01/27 18:07:24	Fixed (0.0, 0.0)	synoptic, shifted -2.5 min										
01/28 06:03:00 - 01/28 06:09:54	Fixed (0.0, 0.0)	* HOP349										
01/28 18:02:30 - 01/28 18:09:24	Fixed (0.0, 0.0)	synoptic, shifted -0.5 min										
01/29 06:34:30 - 01/29 06:41:24	Fixed (0.0, 0.0)	* HOP349										

PROG= 04 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= 88 1-time(s) 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 18 1-time(s) 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Al-poly/Open Al-poly/Open close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 52 1-time(s) 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												
└─ thin-Be/Open thin-Be/Open close Safe Norm 32.0s 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												
<div style="display: flex; justify-content: space-between; font-size: small;"> Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval </div>												

XOB #1BB8: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)												
Term	Pointing (x, y)							Comment				
01/22 18:13:00 - 01/22 20:18:00	Fixed (-940.0, 189.0)	* AR (fixed pointing) for off-limb obs										
01/22 20:42:30 - 01/23 01:59:54	Track (-875.9, 189.0) ^{Ⓜ 01/22 20:30:00}	# AR										
01/23 06:29:00 - 01/23 12:44:54	Track (-833.5, 196.9) ^{Ⓜ 01/23 06:26:00}	# AR										
01/23 18:15:30 - 01/24 01:59:54	Track (-773.3, 205.8) ^{Ⓜ 01/23 18:12:30}	# AR										
01/24 06:01:00 - 01/24 17:49:54	Track (-703.2, 214.2) ^{Ⓜ 01/24 05:58:00}	# AR										
01/24 18:03:00 - 01/25 01:59:54	Track (-621.9, 222.0) ^{Ⓜ 01/24 18:00:00}	# AR										
01/25 06:13:00 - 01/25 18:05:54	Track (-531.1, 229.0) ^{Ⓜ 01/25 06:10:00}	# AR										
01/25 18:19:00 - 01/26 01:59:54	Track (-433.5, 235.1) ^{Ⓜ 01/25 18:16:00}	# AR										
01/26 06:36:30 - 01/26 17:46:00	Track (-328.1, 240.1) ^{Ⓜ 01/26 06:33:30}	# AR										
01/26 18:23:00 - 01/27 01:41:00	Track (-222.9, 243.8) ^{Ⓜ 01/26 18:20:00}	# AR										
01/27 06:08:30 - 01/27 12:44:54	Track (-114.8, 246.4) ^{Ⓜ 01/27 06:05:30}	# AR										
01/27 18:10:30 - 01/28 01:59:54	Track (-2.7, 247.7) ^{Ⓜ 01/27 18:07:30}	# AR										
01/28 06:14:30 - 01/28 11:29:54	Track (109.4, 247.7) ^{Ⓜ 01/28 06:10:00}	# AR										
01/28 18:12:30 - 01/29 01:19:30	Track (219.7, 246.4) ^{Ⓜ 01/28 18:09:30}	# AR										
01/29 06:44:30 - 01/29 09:14:30	Track (331.6, 243.7) ^{Ⓜ 01/29 06:41:30}	# AR										

PROG= 08 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												

Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 42 3-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 32 30-time(s) 120.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	34.0sec
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	34.0sec
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 #1C1F: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/5795], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 50 min cadence

Term	Pointing (x, y)	Comment
01/23 02:03:00 - 01/23 06:15:54	Fixed (0.0, 0.0)	* HOP 349
01/24 02:03:00 - 01/24 05:47:54	Fixed (0.0, 0.0)	* HOP349
01/25 02:26:00 - 01/25 05:59:54	Fixed (0.0, 0.0)	* HOP349
01/26 02:03:00 - 01/26 06:23:24	Fixed (0.0, 0.0)	* HOP349
01/27 02:03:00 - 01/27 05:55:24	Fixed (0.0, 0.0)	* HOP349
01/28 02:03:00 - 01/28 05:59:54	Fixed (0.0, 0.0)	* HOP349
01/29 02:03:00 - 01/29 06:31:24	Fixed (0.0, 0.0)	* HOP349

PROG= 16 Inf.-time(s)

Subr= 1 1-time(s) 600.0sec												
Seqn= 78 1-time(s) 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
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 82 1-time(s) 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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52 1-time(s) 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
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	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 4-time(s) 600.0sec												
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 #1BE9: HOP81/206 2-filter - Al/poly 16s, Al/mesh 12s 30s cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
01/23 12:48:00 - 01/23 17:38:30	Fixed (-20.0, -984.0)	* Coronal hole
01/27 12:48:00 - 01/27 17:57:24	Fixed (-20.0, 930.0)	Coronal hole (EIS)

PROG= 11 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 16 2-time(s) 2.0sec												
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 90 1-time(s) 30.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 3 60-time(s) 2.0sec												
Seqn= 39 1-time(s) 30.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	11.3s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C13: Synoptic 7 Filter w/ Al-mesh(512/2048/4096), Al-poly(512/4096/8192), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/23142)

Term	Pointing (x, y)	Comment
01/23 18:05:30 - 01/23 18:12:24	Fixed (0.0, 0.0)	synoptic, shifted 2.5 min
01/27 05:58:30 - 01/27 06:05:24	Fixed (0.0, 0.0)	* HOP349

PROG= 10 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= 12												
1-time(s) 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
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 82												
1-time(s) 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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52												
1-time(s) 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
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	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= 97												
1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
01/28 11:33:00 - 01/28 14:29:54	Track (-20.0, 665.9) @ 01/28 11:30:00	* HOP336 (40N pointing)
01/28 14:33:00 - 01/28 17:59:24	Track (-19.8, -654.0) @ 01/28 14:30:00	* HOP336 (45S pointing)

PROG= 01 Inf.-time(s)

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

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Flare mode

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

Term	Pointing (x, y)	Comment
01/22 11:13:00 - 01/22 17:59:54	Track (-20.0, -34.1) @ 01/22 11:10:00	# OP start + 10min XBP study (EIS)
01/22 18:13:00 - 01/22 20:18:00	Fixed (-940.0, 189.0)	* AR (fixed pointing) for off-limb obs
01/22 20:42:30 - 01/23 01:59:54	Track (-875.9, 189.0) @ 01/22 20:30:00	# AR
01/23 02:03:00 - 01/23 06:15:54	Fixed (0.0, 0.0)	* HOP 349
01/23 06:29:00 - 01/23 12:44:54	Track (-833.5, 196.9) @ 01/23 06:26:00	# AR
01/23 12:48:00 - 01/23 17:38:30	Fixed (-20.0, -984.0)	* Coronal hole
01/23 18:15:30 - 01/24 01:59:54	Track (-773.3, 205.8) @ 01/23 18:12:30	# AR
01/24 02:03:00 - 01/24 05:47:54	Fixed (0.0, 0.0)	* HOP349
01/24 06:01:00 - 01/24 17:49:54	Track (-703.2, 214.2) @ 01/24 05:58:00	# AR
01/24 18:03:00 - 01/25 01:59:54	Track (-621.9, 222.0) @ 01/24 18:00:00	# AR
01/25 02:26:00 - 01/25 05:59:54	Fixed (0.0, 0.0)	* HOP349
01/25 06:13:00 - 01/25 18:05:54	Track (-531.1, 229.0) @ 01/25 06:10:00	# AR
01/25 18:19:00 - 01/26 01:59:54	Track (-433.5, 235.1) @ 01/25 18:16:00	# AR
01/26 02:03:00 - 01/26 06:23:24	Fixed (0.0, 0.0)	* HOP349
01/26 06:36:30 - 01/26 17:46:00	Track (-328.1, 240.1) @ 01/26 06:33:30	# AR
01/26 18:23:00 - 01/27 01:41:00	Track (-222.9, 243.8) @ 01/26 18:20:00	# AR
01/27 02:03:00 - 01/27 05:55:24	Fixed (0.0, 0.0)	* HOP349
01/27 06:08:30 - 01/27 12:44:54	Track (-114.8, 246.4) @ 01/27 06:05:30	# AR
01/27 12:48:00 - 01/27 17:57:24	Fixed (-20.0, 930.0)	Coronal hole (EIS)
01/27 18:10:30 - 01/28 01:59:54	Track (-2.7, 247.7) @ 01/27 18:07:30	# AR
01/28 02:03:00 - 01/28 05:59:54	Fixed (0.0, 0.0)	* HOP349
01/28 06:14:30 - 01/28 11:29:54	Track (109.4, 247.7) @ 01/28 06:10:00	# AR
01/28 11:33:00 - 01/28 14:29:54	Track (-20.0, 665.9) @ 01/28 11:30:00	* HOP336 (40N pointing)
01/28 14:33:00 - 01/28 17:59:24	Track (-19.8, -654.0) @ 01/28 14:30:00	* HOP336 (45S pointing)

01/28 18:12:30 - 01/29 01:19:30 Track (219.7, 246.4) @ 01/28 18:09:30 # AR
 01/29 02:03:00 - 01/29 06:31:24 Fixed (0.0, 0.0) * HOP349
 01/29 06:44:30 - 01/29 09:14:30 Track (331.6, 243.7) @ 01/29 06:41:30 # AR

PROG= 13 30-time(s)

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

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

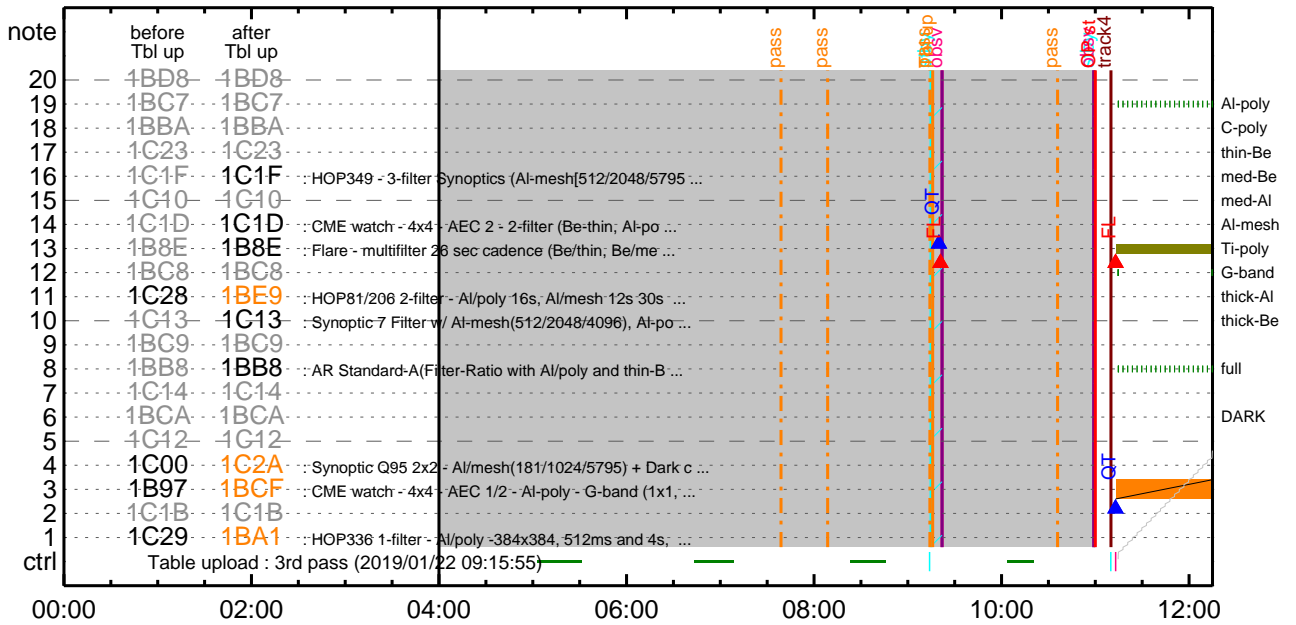
Flare Detection

* * * * *

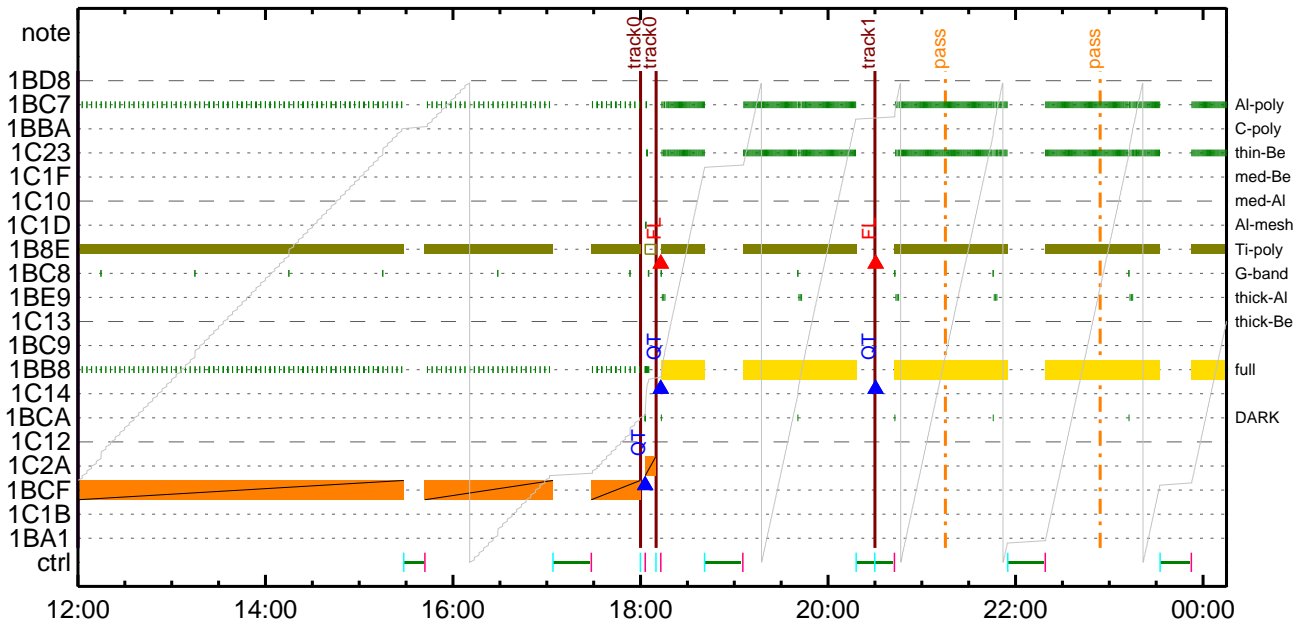
FLD Patrol

Term	Pointing (x, y)	Comment												
01/22 18:10:16 - 01/23 06:16:16	Fixed (-940.0, 189.0)	* AR (fixed pointing) for off-limb obs												
01/23 06:26:16 - 01/23 18:02:46	Track (-833.5, 196.9) @ 01/23 06:26:00	# AR												
01/23 18:12:46 - 01/24 05:48:16	Track (-773.3, 205.8) @ 01/23 18:12:30	# AR												
01/24 05:58:16 - 01/24 17:50:16	Track (-703.2, 214.2) @ 01/24 05:58:00	# AR												
01/24 18:00:16 - 01/25 06:00:16	Track (-621.9, 222.0) @ 01/24 18:00:00	# AR												
01/25 06:10:16 - 01/25 18:06:16	Track (-531.1, 229.0) @ 01/25 06:10:00	# AR												
01/25 18:16:16 - 01/26 06:23:46	Track (-433.5, 235.1) @ 01/25 18:16:00	# AR												
01/26 06:33:46 - 01/26 18:10:16	Track (-328.1, 240.1) @ 01/26 06:33:30	# AR												
01/26 18:20:16 - 01/27 05:55:46	Track (-222.9, 243.8) @ 01/26 18:20:00	# AR												
01/27 06:05:46 - 01/27 17:57:46	Track (-114.8, 246.4) @ 01/27 06:05:30	# AR												
01/27 18:07:46 - 01/28 06:00:16	Track (-2.7, 247.7) @ 01/27 18:07:30	# AR												
01/28 06:14:16 - 01/28 17:59:46	Track (109.4, 247.7) @ 01/28 06:10:00	# AR												
01/28 18:09:46 - 01/29 06:31:46	Track (219.7, 246.4) @ 01/28 18:09:30	# AR												
01/29 06:41:46 - 01/30 10:48:00	Track (331.6, 243.7) @ 01/29 06:41:30	# AR												
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	

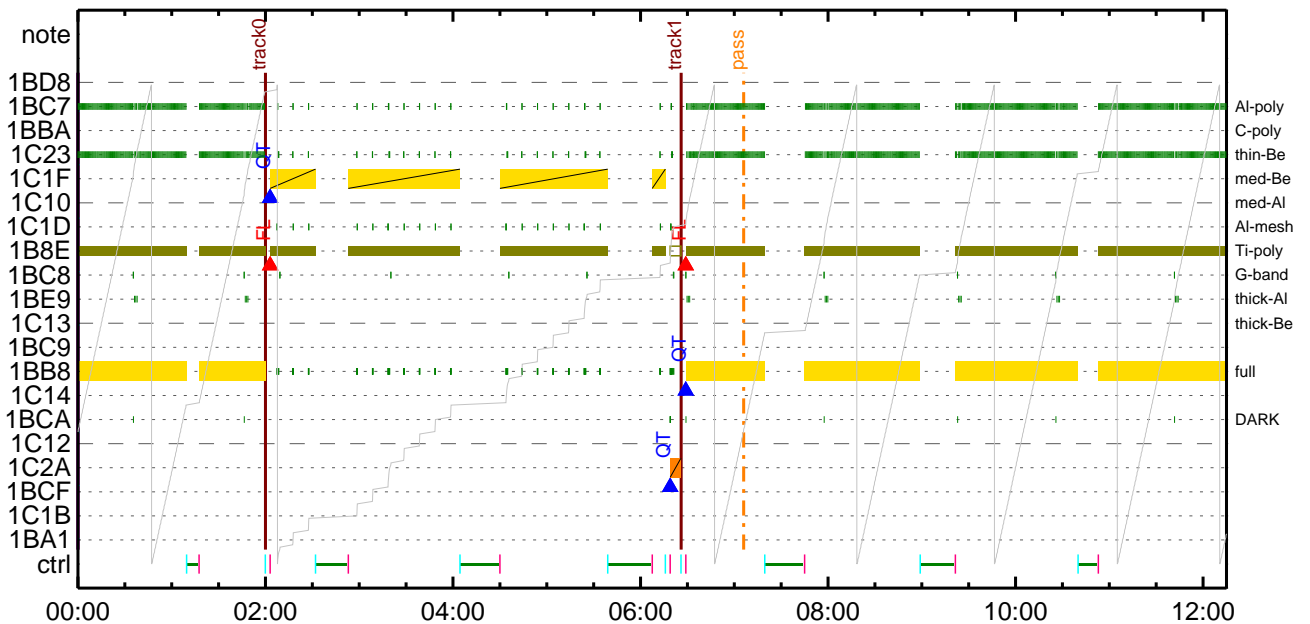
CMDI #0021 2019/01/22



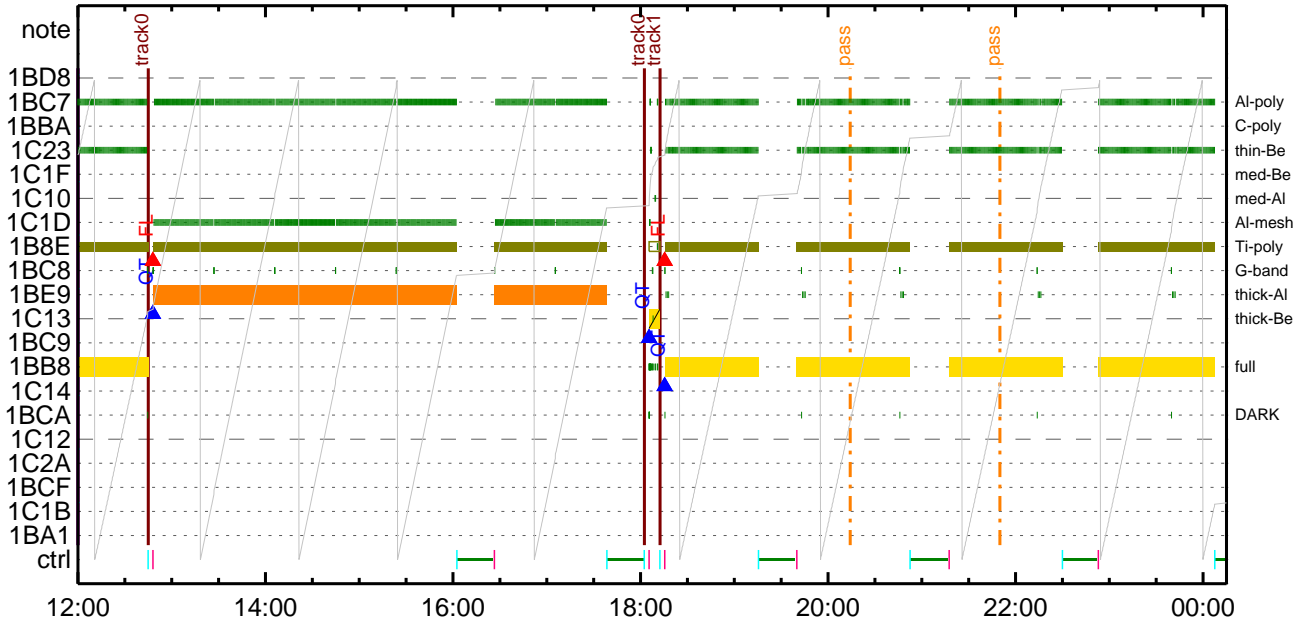
CMDI #0021 2019/01/22



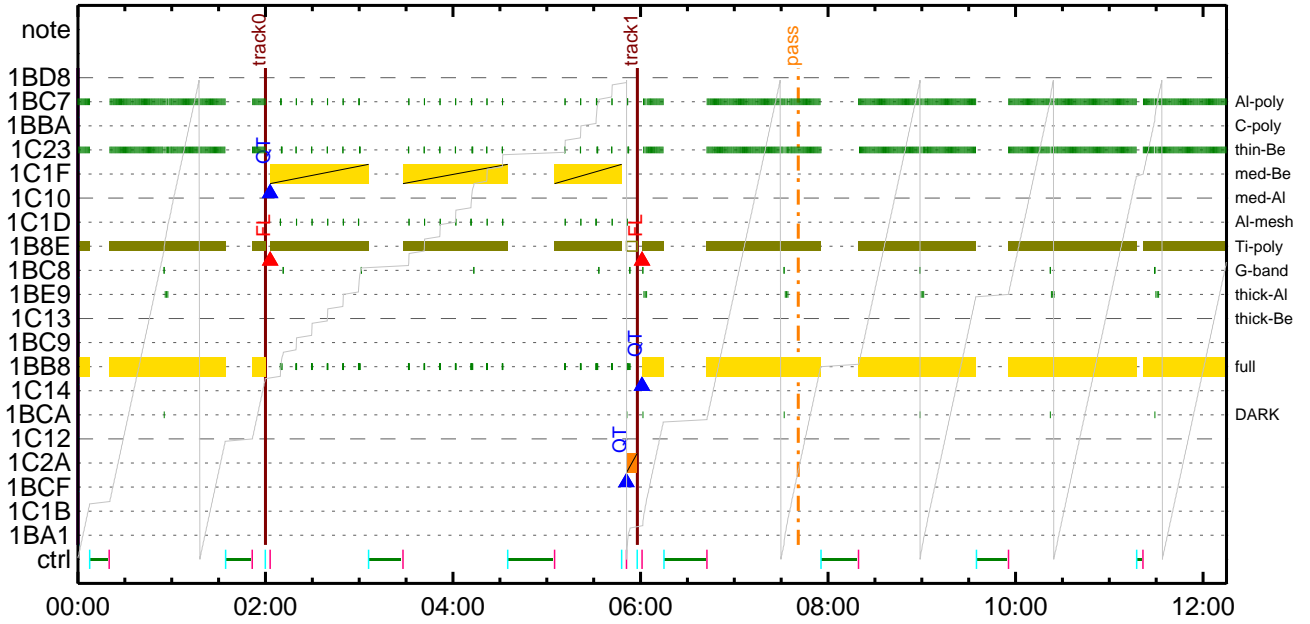
CMDI #0021 2019/01/23



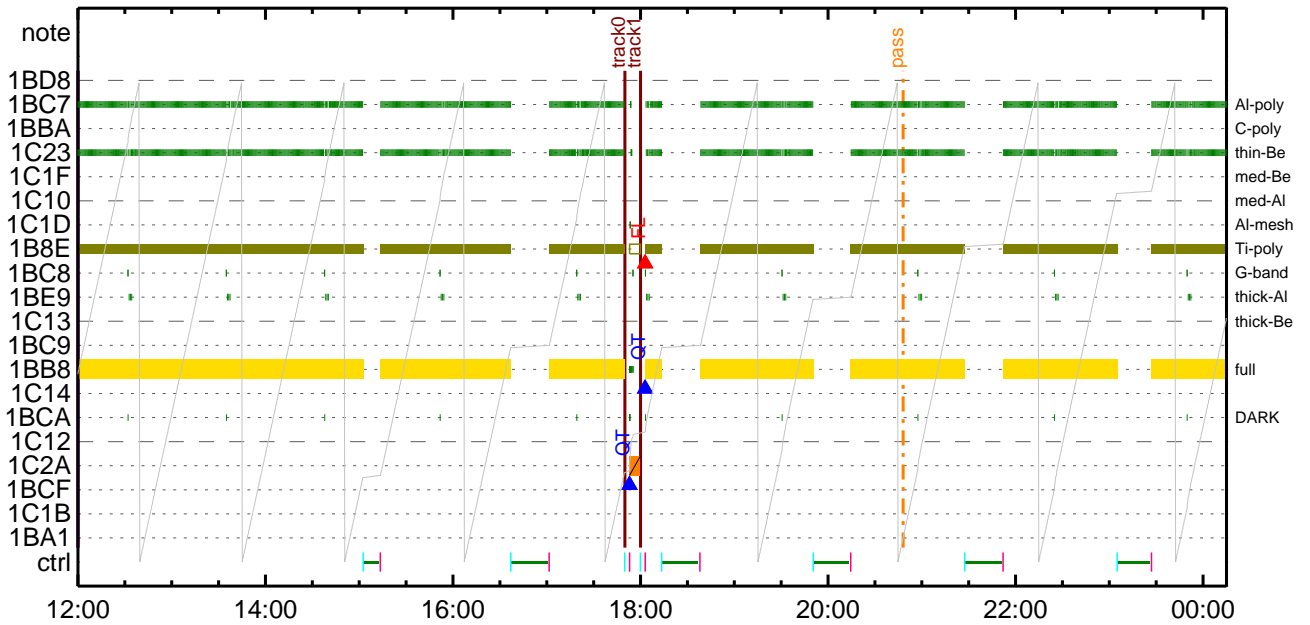
CMDI #0021 2019/01/23



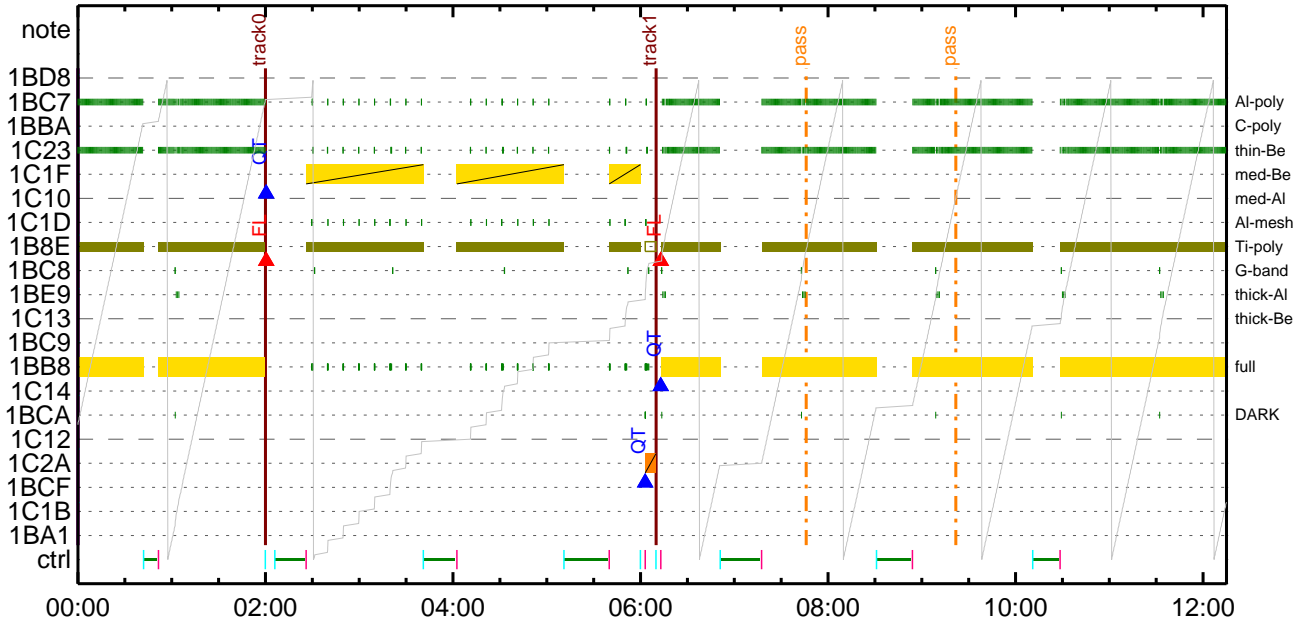
CMDI #0021 2019/01/24



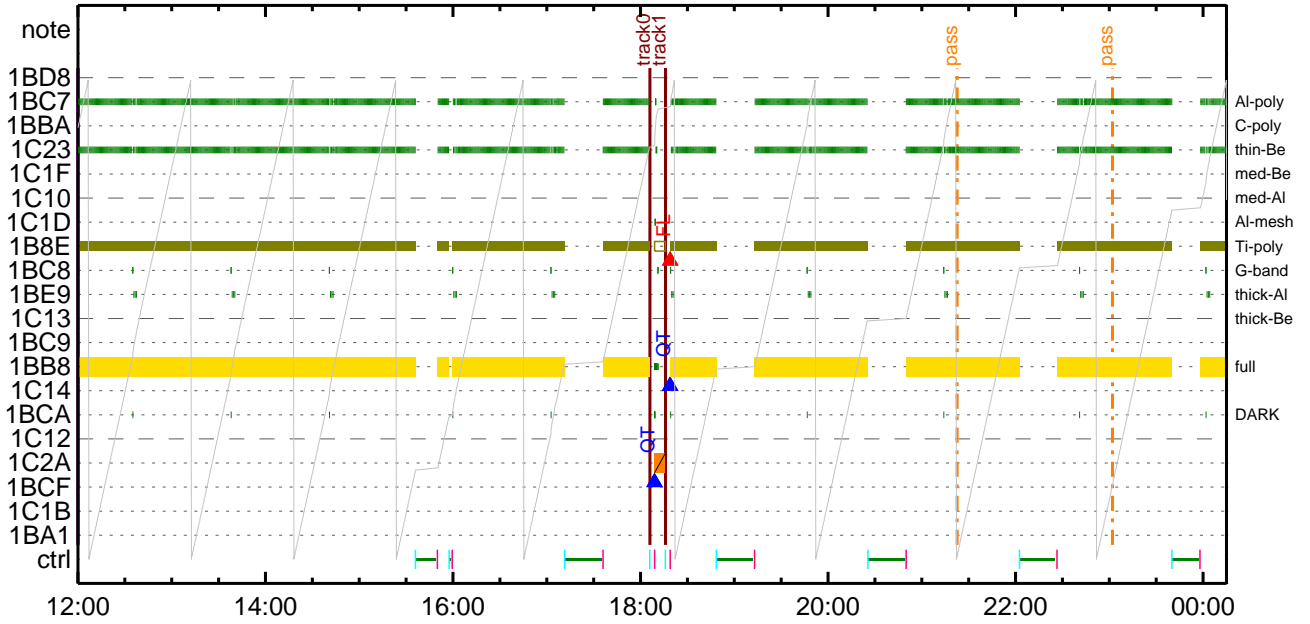
CMDI #0021 2019/01/24



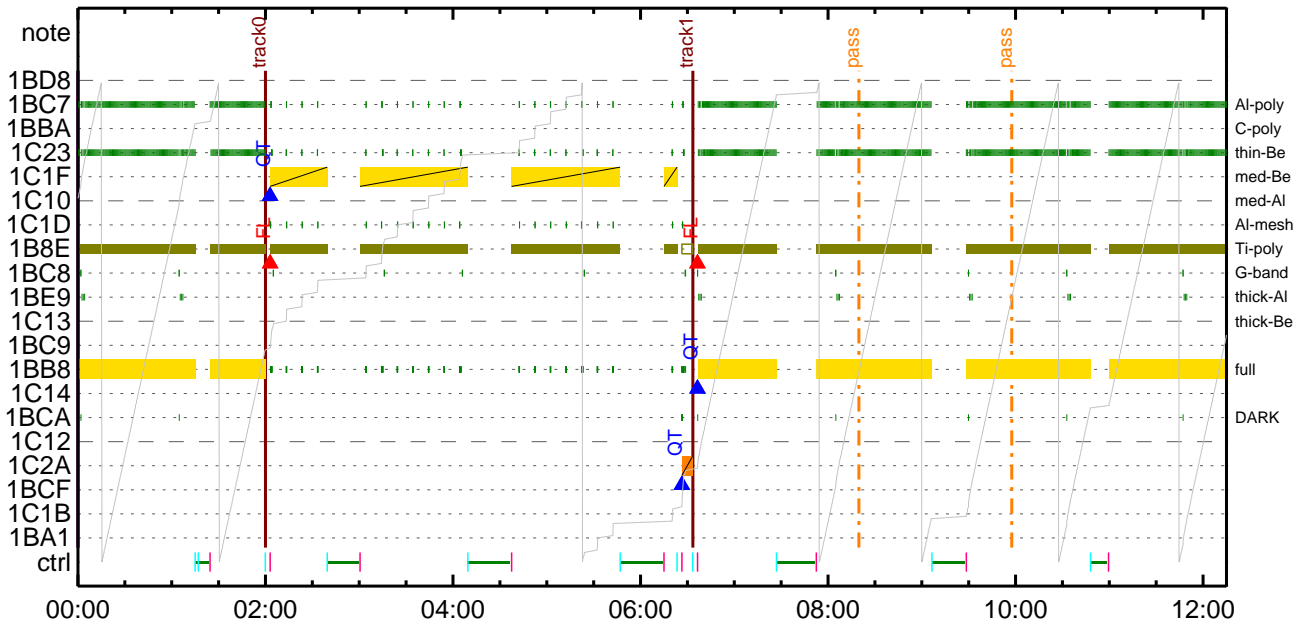
CMDI #0021 2019/01/25



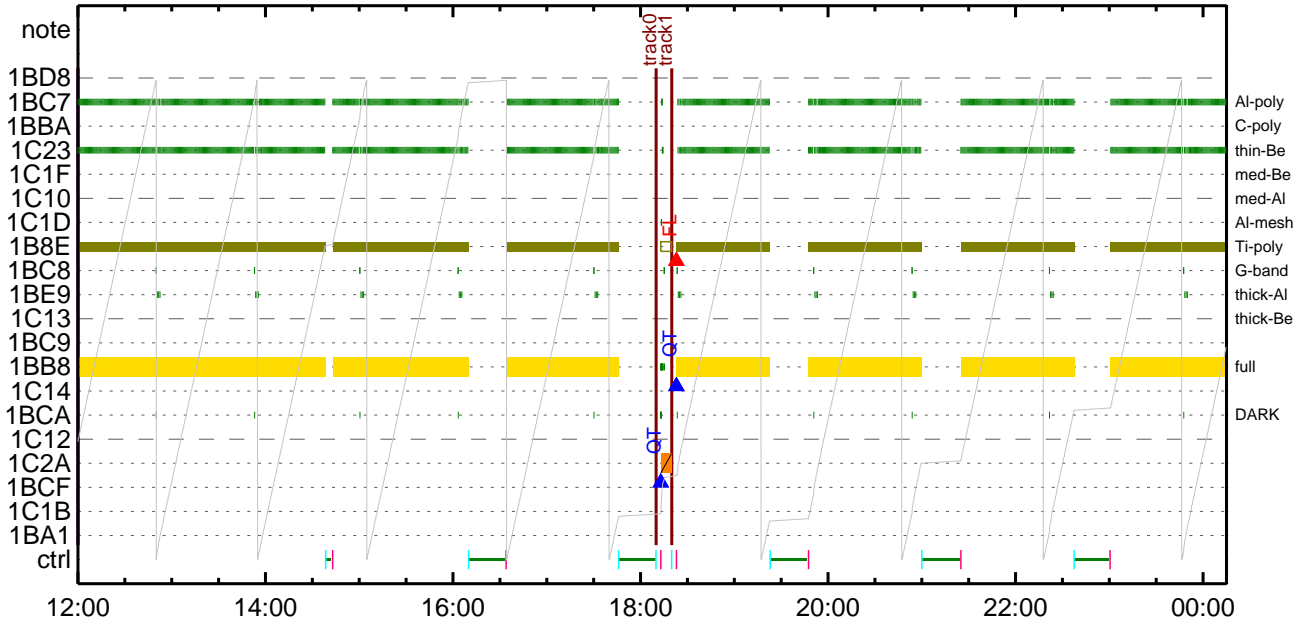
CMDI #0021 2019/01/25



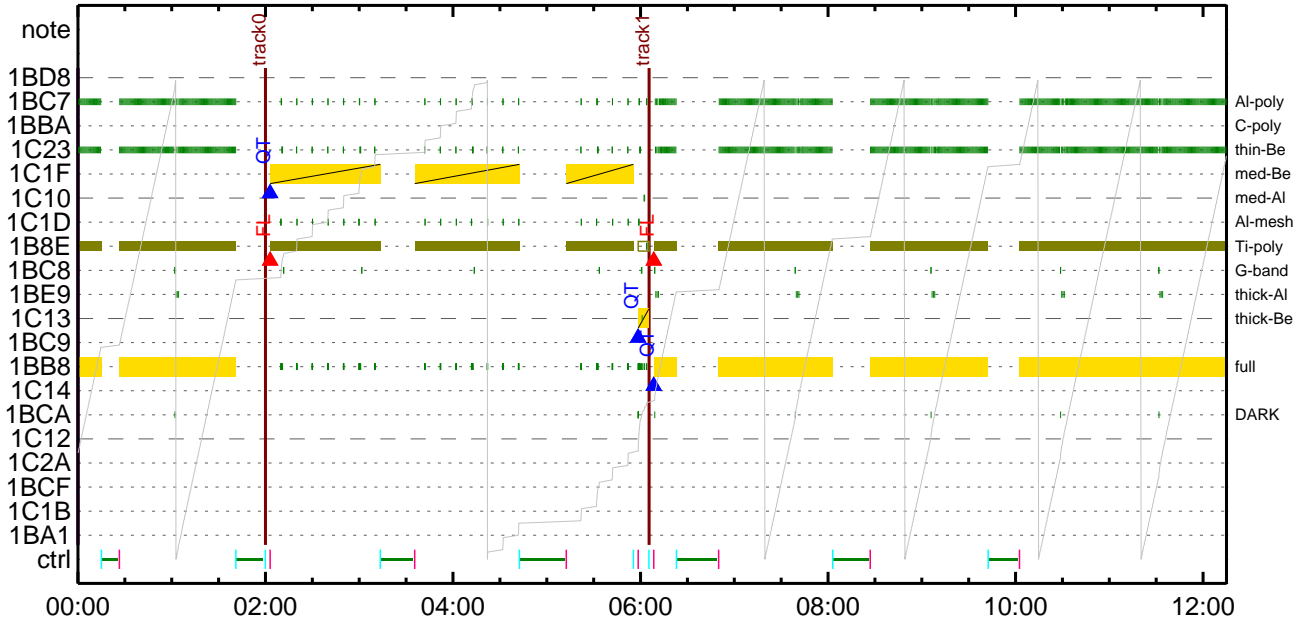
CMDI #0021 2019/01/26



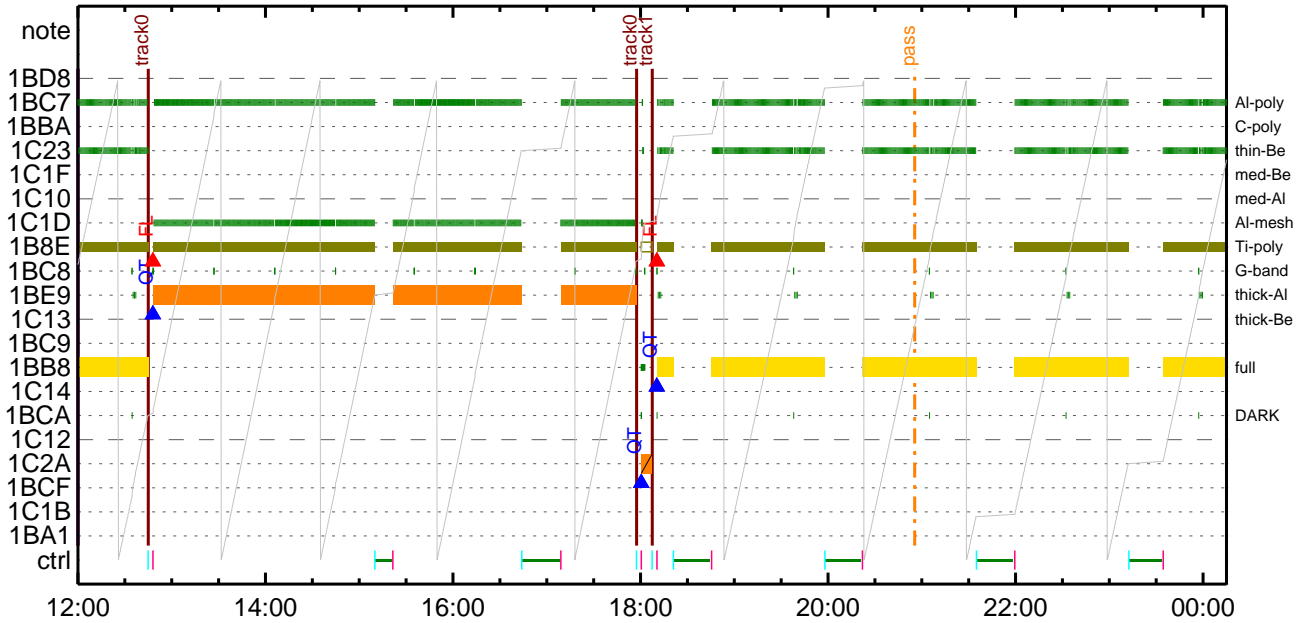
CMDI #0021 2019/01/26



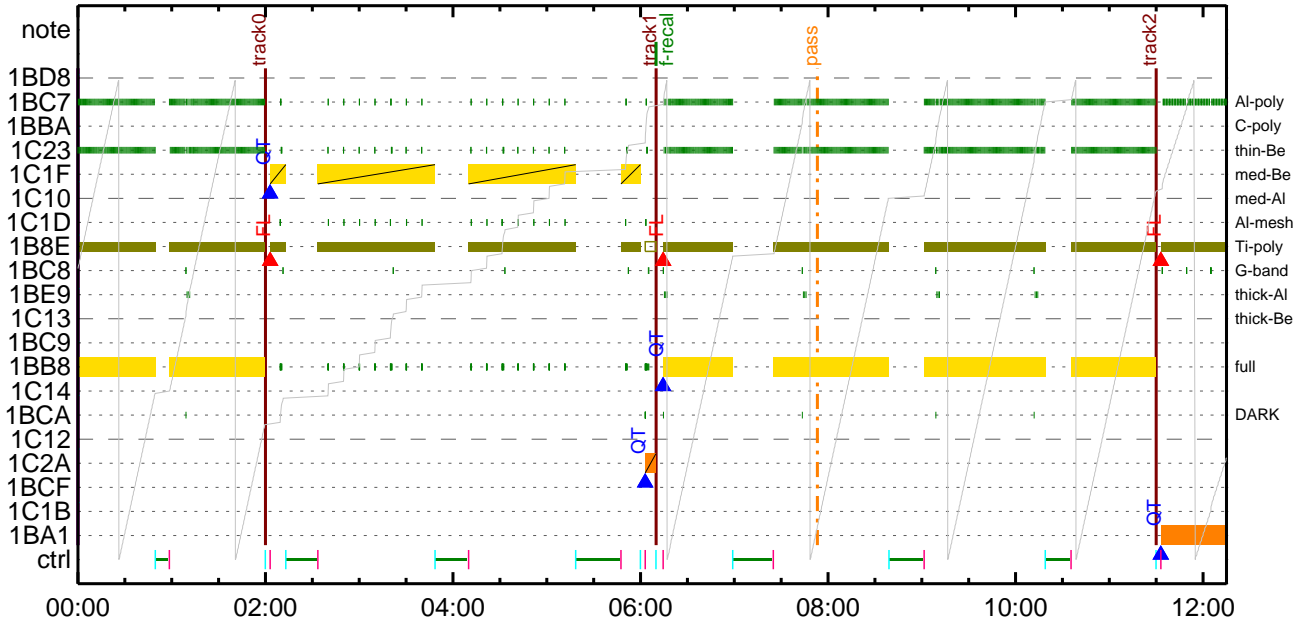
CMDI #0021 2019/01/27



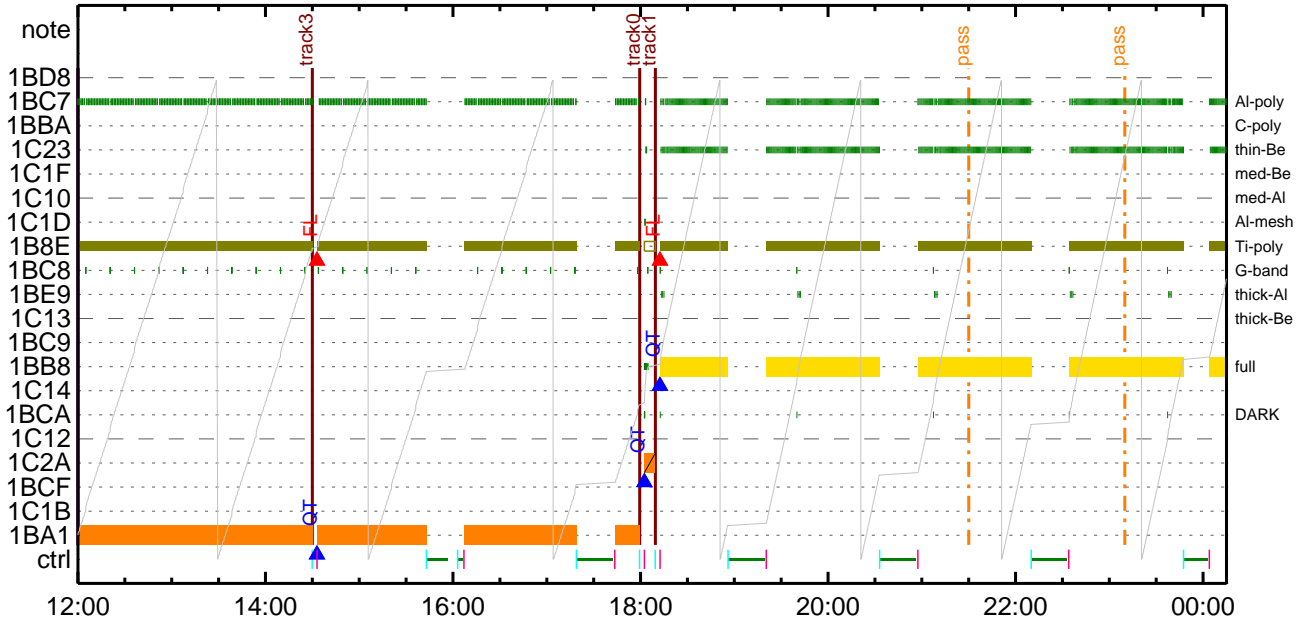
CMDI #0021 2019/01/27



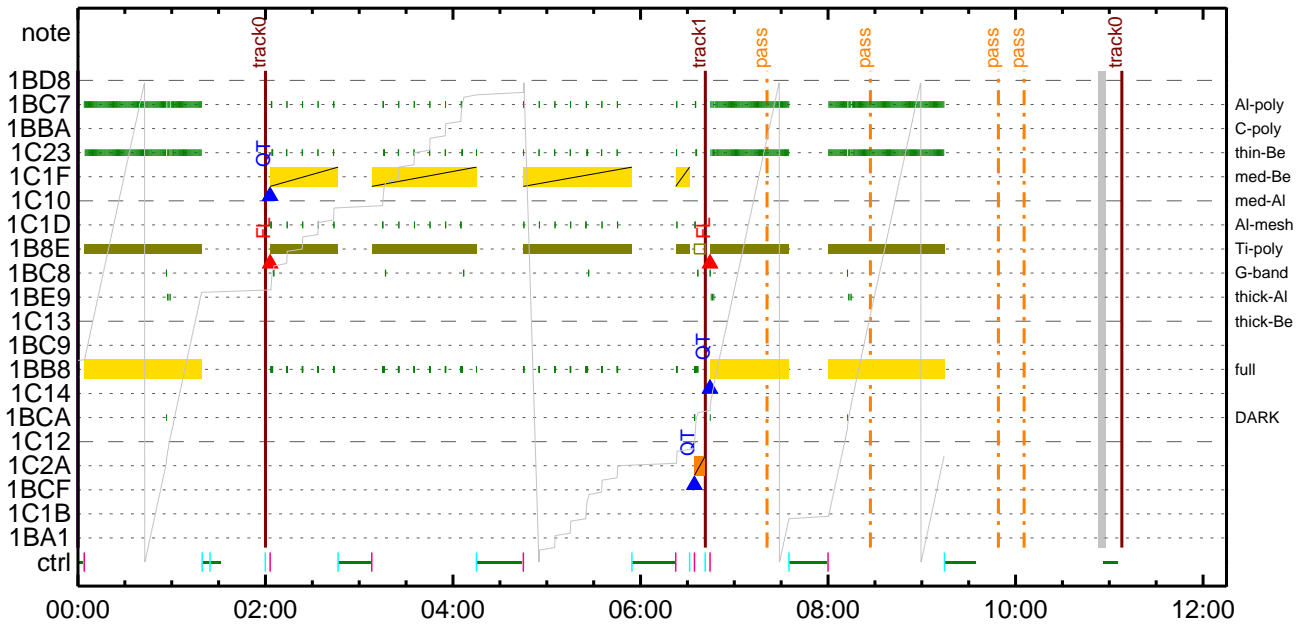
CMDI #0021 2019/01/28



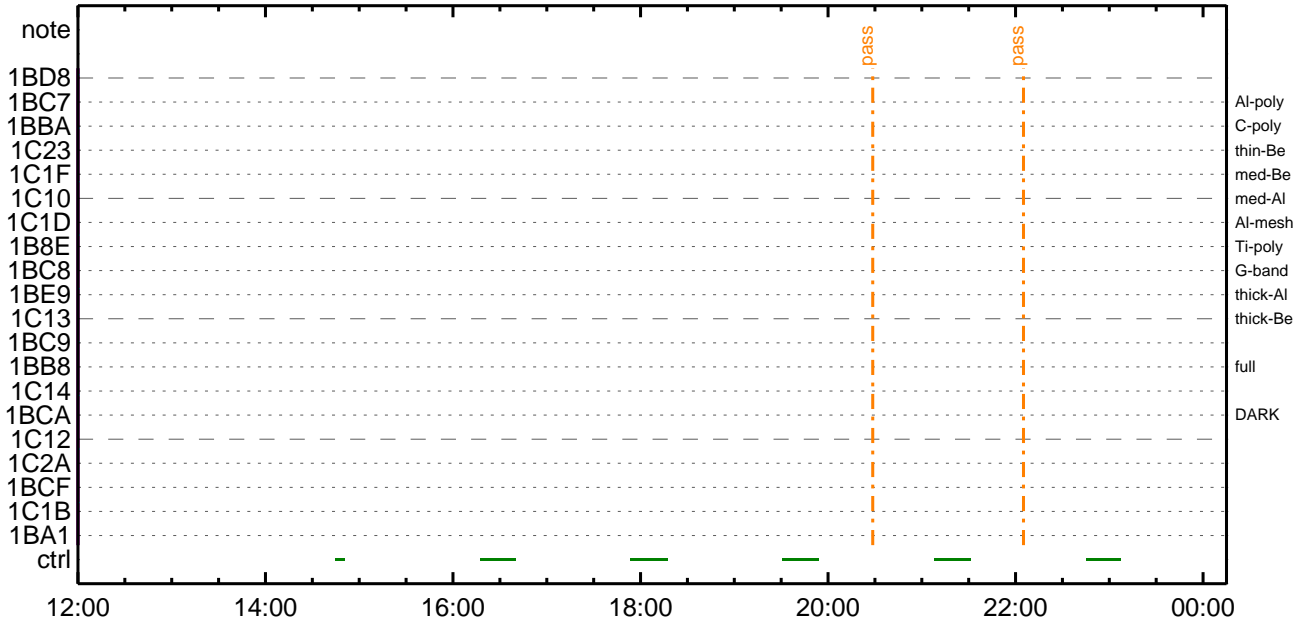
CMDI #0021 2019/01/28



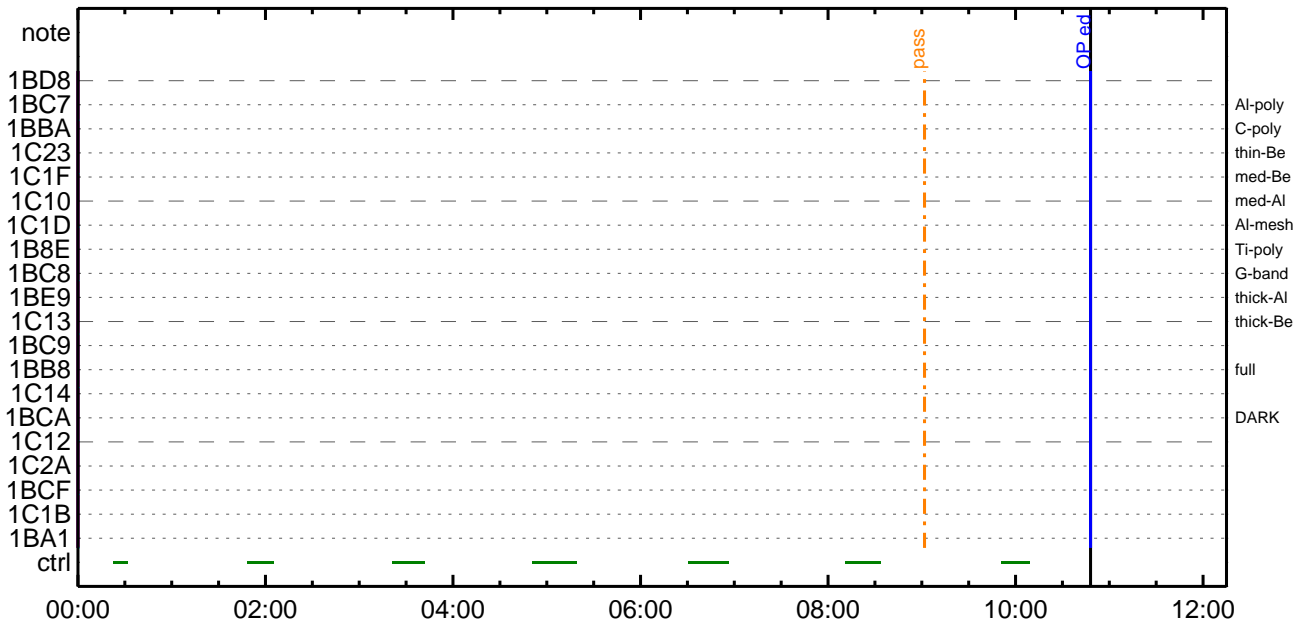
CMDI #0021 2019/01/29



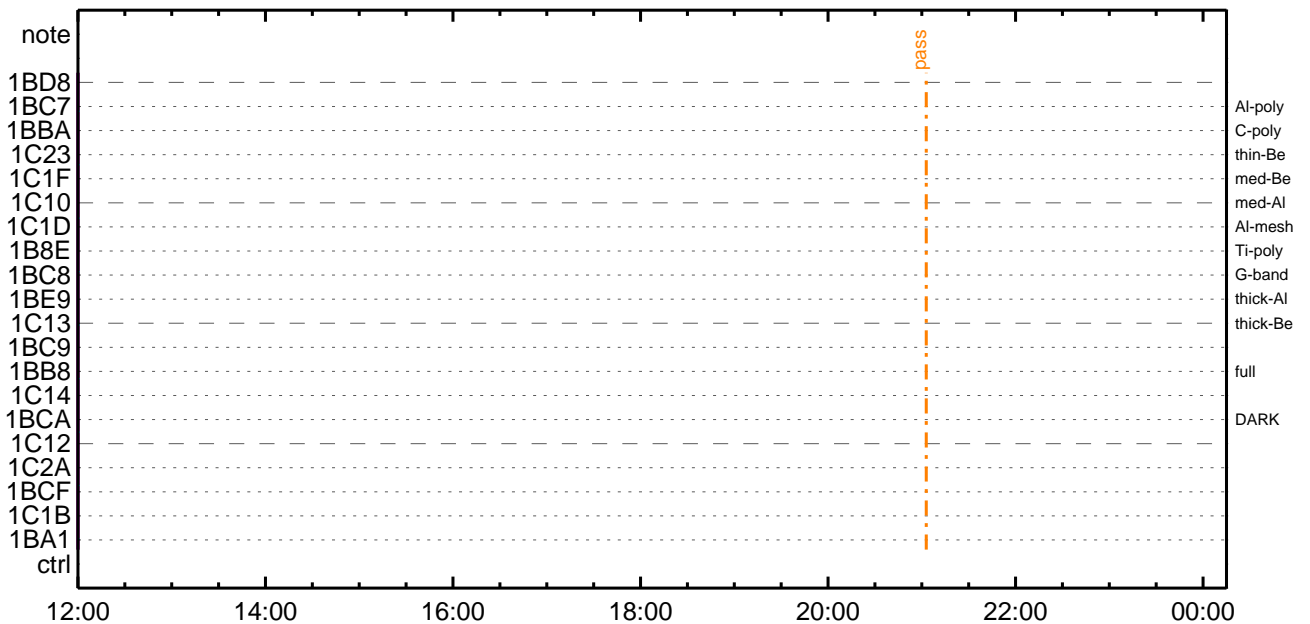
CMDI #0021 2019/01/29



CMDI #0021 2019/01/30



CMDI #0021 2019/01/30




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOYx
0100 C. *****
0101 C.
0102 . C. ;ãOP/OGY1;4YE;ã
0103 . S. OP op-885:OP
0104 ( )
0105 . S. OG og-885:OG
0106 ( )
0107 C.
0108 . C. ;ãNMOG&OPîî°èYAYOYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 . C. YAYOYx½ª î»ð³ îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOG²î½E¹ç.è² îOK²³ îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 . C. YAYOYx½ª î»ð³ îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOG²î½E¹ç.è² îOK²³ îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 . C. YAYOYx½ª î»ð³ îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG,RAM ID=OP²î½E¹ç.è² îOK²³ îÇ§
0165 C.
0166 . C. ***** °E²¼² î½Ã´ ¶Á² °EÉ¬² °Á÷¿® (½âµ-YAYOYx½ê½ç² ðÁÔÆ²ç½ª² °²è½¹ îç²ç²â) *****
0167 C. DHUYâ;½YE;Ê½Y½;Y;½YE;Ê²ðîã²
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 . C. NOTICE |§ OPOG UPLOAD²-Á÷¿®NG²î½¹ç;ç°E²¼² îTI-CMDÁ÷¿®²î½¹Ô².²Ê²²²³²E;f
0180 C. ²²²²;çSET²EDUMP²îÆ²±²îY²¹²ç¹Ô²|²³²E;f
0181 C.
0182 . C. TIY³Y²Y²Y²E²ð²ÁDî¿(UT)
0183 +. TI 2019-01-22 10:55:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2019-01-22 10:55:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2019-01-22 10:55:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2019-01-22 10:59:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.                $[HK1_TI_CMD_NUM]                 EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼ªİÄē%İİñªİŷÄŷ$ŷÄŷ-¹âİÜ
0200 C.                $[HK1_TI_CMD_ENA/DIS]             EQ      ENA
0201 C.                $[HK1_TI_CMD_NUM]                 EQ      4
0202 C.                $[HK1_NEXT_EXEC_PIM]              EQ      DHU
0203 C.                $[HK1_NEXT_EXEC_DC]              EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIİİ°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC (03 ab 03 01 02)
0212 C.                $[HK1_DMP_TOP_ADRS_1]           EQ      07
0213 C.                $[HK1_DMP_TOP_ADRS_0]           EQ      2B
0214 C.                $[HK1_DMP_BLOCK_NUM]            EQ      3
0215 C.                $[HK1_DMP_REPEAT_NUM]          EQ      0
0216 C.                $[HK1_DMA_DMP_PIM]             EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC (07 0b f8)
0219 C.                $[HK1_PKT_FORM_NO]              EQ      7
0220 C.                $[HK1_PKT_GEN_TIME]             EQ      0.25 s
0221 C.                $[HK1_S_TLM_BIT_RATE]          EQ      32k
0222 C.                $[HK1_X_TLM_BIT_RATE]          EQ      4M
0223 C.                $[HK1_DMP_CHK_FLG]            EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªİ»ªð³İÇ$
0226 C.                $[HK1_DMP_CHK_FLG]            EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLªİ¾È¹çªē²İOKªð³İÇ$
0229 C.
0230 C. DHUŷä;¼ŷÉ;È¾ŷ½. ŷİ;¼ŷÈ;Èªðİäª¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC (02 0a f8)
0233 C.                $[HK1_PKT_FORM_NO]              EQ      2
0234 C.                $[HK1_PKT_GEN_TIME]             EQ      0.5S
0235 C.                $[HK1_S_TLM_BIT_RATE]          EQ      32K
0236 C.                $[HK1_X_TLM_BIT_RATE]          EQ      4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2019-01-22 10:59:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2019-01-22 10:59:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC (21 02)
0258 +. TI 2019-01-22 10:59:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC (22)
0261 C.                [ ] [HK1_TI_CMD_NUM]           EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2019-01-22 10:59:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC (c3)
0271 C.                [ ] [HK1_TI_CMD_NUM]           EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´üÄİªİ»ö¼ŷªÈÄªª¹ªēDCBCªx²è *****
0276 C. (¾ª°İŷÖŷÄŷÈŷŷŷÄŷçŷèªÈ¾ªªªÄªÜª¹ªè)
0277 C. S. DC-BC dcbc-402:DCBC
0278 C. (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹.İ Daily±çİñªē°ªªªēDCBCªx²è *****
0282 C. S. DC-BC dcbc-153:DCBC
0283 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ĩãLOSŷÄŷ$ŷÄŷ-¼ÄªÜ;ä
0287 C.
0288 C. ***** LOS *****
0289 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-886 2019-01-22 13:39:34 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~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;È□¿□Á□•μ°È»Í×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈè%μ•íÉ;È□È¼°ÇÔ□•□¿¼í¹ç□Í;çÁ®, ù□¹□È□□□çÁ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 + DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 2859094.3 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 . C. Estimated OBSTBL upload time is 54s
0062 C. *****
0063 C. EIS START OBSTBL LOAD
0064 C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 BC (07 07 07 00 00 70 00)
0069 C.
0070 C. Execute, after the success of OBSTBL upload.
0071 C. Set EIS TI-commands
0072 +. TI 2019-01-22 10:59:50.0
0073 DC 07-FC EIS_MODE_CHG_ENA
0074 BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 C. *****
0077 C. EIS END OBSTBL LOAD
0078 C. *****
0079 C.
0080 . C. ***** MDP ´ûÁî□í»ò¼Y□ÈÁ□□¹□ÈDCBC•×²è *****
0081 C. (¼á°íYÓYÁYÈYÞYÈYáYçYè□È%¼□□¼Á»Û¹□è)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** YDÝ¹•İ Daily±¿İÑ□È´Ø□¹□ÈDCBC•×²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 C. ;ãLOSÁY$YÁY~¼Á»Û;ã
0092 C.
0093 . C. ***** LOS *****
0094 C.
```



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0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-284:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2019-01-22 10:59:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 05 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 80 80 08 08)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 80 80 20 20)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 08 20)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 85 83 06 06)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0b 85 83 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0f 80 80 06 06)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 10 80 80 08 08)
0174 + DC 07-F0 MDP_XRT_FLD_ENA
0175 BC (d8)
0176 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0177 BC (c8)
0178 + DC 07-F0 MDP_XRT_ARS_DIS
0179 BC (d5)
0180 + DC 07-F0 MDP_XRT_AEC_RESET
0181 BC (d0)
0182 + DC 07-F0 MDP_XRT_FLD_RESET
0183 BC (da)
0184 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0185 BC (c4 0e)
0186 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0187 BC (c5 0d)
0188 . C. ----- Success Verify ? OK / NG ____
0189 C.
0190 C.
0191 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0192 C.
0193 +. DC 07-F0 MDP_XRT_MODE_OBSV

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0194 BC (c2)
0195 +. TI 2019-01-22 10:59:02.0
0196 DC 07-F0 MDP_XRT_MODE_OBSV
0197 BC (c2)
0198 . C. ----- Success Verify ? OK / NG ____
0199 C.
0200 C. ***** XRT END *****
0201 C.
0202 . C. ***** MDP 'úÃîâî»ô¼ÝðĚĀĐð¹æDCBC•x²è *****
0203 C. (¼ã°îÝŌÝĀÝĚÞÝĚÝáÝçÝèæ¼¼¼¼¼¼»Ūð¹æè)
0204 . S. DC-BC dcbc-402:DCBC
0205 (MDP_known_event)
0206 C.
0207 C.
0208 . C. ***** ÝÐÝ¹•İ Dailyþ¿İÑæĚ'Øð¹æDCBC•x²è *****
0209 . S. DC-BC dcbc-153:DCBC
0210 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0211 C.
0212 C.
0213 . C. ;ãLOSÝÁÝŞÝĀÝ-¼Ā»Ū;ã
0214 C.
0215 . C. ***** LOS *****
0216 C.

(a) Spacecraft Operation Procedure (real-commands)

```
main-888 2019-01-22 13:39:34 29 33 SOLAR-B MAIN //  
0001 C.  
0002 . C. ***** AOS *****  
0003 C.  
0004 . C. ;ãAOSŸÄŸSŸÄŸ-¼Ä»Û;ã  
0005 C.  
0006 C. ŸÄŸB;¼Ÿ³ŸPŸÓŸÉÄ+¿®  
0007 +. DC 00-00 NULL_DUMMY_CMD  
0008 C.  
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****  
0010 C. Äí;È¿¼Ä°µ°Æ»ÍxÄÇüŸçŸÄŸxŸÍ;¼ŸÉ;ÈÈèµ•íŸÉ;ÈÈÈ¼°ÇÖ°•¼¿i¹çüI;çÄ®, ù°¹°è°°çÄ+¿®°•°È°°°³°è;f  
0011 +. DC 02-8E AOCU_ORB_UPD  
0012 C.  
0013 C.  
0014 C.  
0015 . C. ***** MDP ´úÄíüŸ»ö¼Ÿ°ÈÄÐ°¹°èDCBC•x²è *****  
0016 C. (¼ä°ÍŸÓŸÄŸÈŸBŸÈŸÄŸçŸÈ°È¼°¼Ä»Û°¹°è)  
0017 . S. DC-BC dcbc-402:DCBC  
0018 (MDP_known_event)  
0019 C.  
0020 C.  
0021 . C. ***** ŸÐŸ¹•İ Daily+¿ÍŸ°È´Ø°¹°èDCBC•x²è *****  
0022 . S. DC-BC dcbc-153:DCBC  
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0024 C.  
0025 C.  
0026 . C. ;ãLOSŸÄŸSŸÄŸ-¼Ä»Û;ã  
0027 C.  
0028 . C. ***** LOS *****  
0029 C.
```

*** OP Sequence for XRT ***

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2019/01/22 11:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/22 11:09:56.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/01/22 11:10:00.0 AOCS_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 04 00 00 00 00
2019/01/22 11:10:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2019/01/22 11:10:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/01/22 11:10:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2019/01/22 11:10:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/01/22 11:10:24.0 XRT_FLD_RESET_421_OG [0x1a5]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/22 11:12:56.0 XRT_QT_PROG_SET_436_OG [0x1b4]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2019/01/22 11:12:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/01/22 11:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/22 15:28:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/22 15:28:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/22 15:28:34.0 XRT_PREFLR_STRT_439_OG [0x1b7]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/01/22 15:31:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/01/22 15:41:01.0 XRT_Custom_430_OG [0x1ae]
2019/01/22 15:42:01.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/22 17:04:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/22 17:04:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/22 17:04:04.0 XRT_PREFLR_STRT_439_OG [0x1b7]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/01/22 17:07:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/01/22 17:27:30.0 XRT_Custom_430_OG [0x1ae]
2019/01/22 17:28:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/22 17:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/22 17:59:56.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/01/22 18:00:00.0 AOCS_Ore-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2019/01/22 18:00:16.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2019/01/22 18:00:18.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/01/22 18:00:20.0 XRT_ARS_DIS_426_OG [0x1aa]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/01/22 18:02:58.0 XRT_QT_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 04
2019/01/22 18:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/22 18:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/22 18:09:56.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2019/01/22 18:10:00.0 AOCS_Ore-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 ef 34 53 8d
2019/01/22 18:10:16.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2019/01/22 18:10:18.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/01/22 18:10:20.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2019/01/22 18:10:22.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/01/22 18:10:24.0 XRT_FLD_RESET_421_OG [0x1a5]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/22 18:12:56.0 XRT_QT_PROG_SET_403_OG [0x193]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2019/01/22 18:12:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/01/22 18:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/01/22 18:41:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/01/22 18:41:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/01/22 18:41:04.0 XRT_PREFLR_STRT_439_OG [0x1b7]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/01/22 18:44:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/01/22 19:04:30.0 XRT_Custom_430_OG [0x1ae]
    
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2019/01/22	19:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/22	20:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/22	20:18:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/22	20:18:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/22	20:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/22	20:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/22	20:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/22	20:30:00.0	AOCS_Orе-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00	
2019/01/22	20:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/22	20:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/22	20:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/22	20:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/22	20:30:24.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/22	20:30:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2019/01/22	20:30:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/22	20:41:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/22	20:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/22	21:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/22	21:55:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/22	21:55:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/22	21:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/22	22:18:00.0	XRT_Custom_430_OG [0x1ae]					
2019/01/22	22:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/22	23:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/22	23:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/22	23:32:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/22	23:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/22	23:51:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/22	23:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	01:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	01:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	01:09:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	01:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	01:16:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/23	01:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/23	02:00:00.0	AOCS_Orе-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2019/01/23	02:00:16.0	XRT_FLD_ENA_427_OG [0x1ab]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/23	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/23	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/23	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/23	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2019/01/23	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/23	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	02:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	02:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	02:32:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]					

2019/01/23	02:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2019/01/23	02:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	02:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	04:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	04:04:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	04:04:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	04:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	04:29:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	04:30:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	05:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	05:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	05:39:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	05:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	06:06:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	06:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	06:15:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	06:15:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/23	06:16:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/23	06:16:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/23	06:16:20.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/23	06:18:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04	
2019/01/23	06:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	06:25:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	06:25:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/23	06:26:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00	
2019/01/23	06:26:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/23	06:26:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/23	06:26:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/23	06:26:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/23	06:26:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	06:28:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2019/01/23	06:28:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/23	06:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	07:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	07:19:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	07:19:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	07:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	07:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	07:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	08:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	08:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	08:59:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	09:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	09:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	09:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	10:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	10:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	10:40:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	10:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

2019/01/23	10:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	10:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2019/01/23	12:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	12:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	12:45:00.0	AOCS_Orе-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/23	12:45:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 57 74 01 ca	
2019/01/23	12:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/23	12:45:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/23	12:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/23	12:45:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/23	12:47:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	12:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2019/01/23	12:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/23	16:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	16:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	16:02:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	16:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	16:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	16:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2019/01/23	17:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	17:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	17:38:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	17:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	18:02:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	18:02:30.0	AOCS_Orе-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/23	18:02:46.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2019/01/23	18:02:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/23	18:02:50.5	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/23	18:05:28.5	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/23	18:05:30.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2019/01/23	18:12:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	18:12:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	18:12:30.0	AOCS_Orе-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/23	18:12:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 00 00 00 00	
2019/01/23	18:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/23	18:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/23	18:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/23	18:12:54.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/23	18:15:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	18:15:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2019/01/23	18:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/23	19:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/23	19:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/23	19:15:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/23	19:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/23	19:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/23	19:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					

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2019/01/23	20:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/23	20:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/23	20:52:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/23	20:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/23	21:16:30.0	XRT_Custom_430_OG [0x1ae]				
2019/01/23	21:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/23	22:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/23	22:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/23	22:30:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/23	22:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/23	22:52:00.0	XRT_Custom_430_OG [0x1ae]				
2019/01/23	22:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/24	00:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/24	00:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/24	00:07:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/24	00:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/24	00:19:00.0	XRT_Custom_430_OG [0x1ae]				
2019/01/24	00:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/24	01:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/24	01:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/24	01:34:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/24	01:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/24	01:50:30.0	XRT_Custom_430_OG [0x1ae]				
2019/01/24	01:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/24	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/24	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/01/24	02:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2019/01/24	02:00:16.0	XRT_FLD_ENA_427_OG [0x1ab]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/24	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/24	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/24	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/24	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/24	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2019/01/24	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/24	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/24	03:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/24	03:06:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/24	03:06:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/24	03:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/24	03:27:00.0	XRT_Custom_430_OG [0x1ae]				
2019/01/24	03:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/24	04:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/24	04:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/24	04:35:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/24	04:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/24	05:04:00.5	XRT_Custom_430_OG [0x1ae]				
2019/01/24	05:05:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/24	05:47:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/24	05:47:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00

2019/01/24	05:48:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/24	05:48:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/24	05:48:20.0	XRT_ARS_DIS_426_OG [0x1aa]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/24	05:50:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2019/01/24	05:51:00.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	05:57:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	05:57:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/01/24	05:58:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2019/01/24	05:58:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/24	05:58:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/24	05:58:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/24	05:58:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/24	05:58:24.0	XRT_FLD_RESET_421_OG [0x1a5]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	06:00:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2019/01/24	06:00:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/01/24	06:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	06:15:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	06:15:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	06:15:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	06:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	06:41:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	06:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	07:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	07:55:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	07:55:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	07:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	08:18:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	08:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	09:35:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	09:35:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	09:35:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	09:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	09:54:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	09:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	11:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	11:17:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	11:17:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	11:20:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	11:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	11:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	15:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	15:02:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	15:02:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	15:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	15:12:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	15:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	16:37:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	16:37:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	16:37:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2019/01/24	16:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	17:00:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	17:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	17:49:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/01/24	17:50:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2019/01/24	17:50:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/24	17:50:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/24	17:50:20.0	XRT_ARS_DIS_426_OG [0x1aa]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/24	17:52:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2019/01/24	17:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	17:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/01/24	18:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2019/01/24	18:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/24	18:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/24	18:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/24	18:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/24	18:00:24.0	XRT_FLD_RESET_421_OG [0x1a5]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	18:02:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2019/01/24	18:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/01/24	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	18:13:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	18:13:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	18:13:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	18:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	18:37:00.5	XRT_Custom_430_OG [0x1ae]							
2019/01/24	18:38:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	19:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	19:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	19:50:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	19:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	20:13:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	20:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	21:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	21:27:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	21:27:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	21:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	21:51:00.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	21:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/24	23:05:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/24	23:05:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/24	23:05:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/24	23:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/24	23:26:00.0	XRT_Custom_430_OG [0x1ae]							
2019/01/24	23:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/25	00:42:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/25	00:42:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/25	00:42:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

2019/01/25	00:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	00:50:30.0	XRT_Custom_430_OG [0x1ae]			
2019/01/25	00:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/01/25	02:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2019/01/25	02:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/25	02:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/25	02:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/25	02:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/25	02:00:24.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	02:00:26.0	XRT_QT_PROG_SET_435_OG [0x1b3]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2019/01/25	02:00:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/25	02:06:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	02:06:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	02:06:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/25	02:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	02:25:00.0	XRT_Custom_430_OG [0x1ae]			
2019/01/25	02:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	03:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	03:41:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	03:41:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/25	03:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	04:01:30.0	XRT_Custom_430_OG [0x1ae]			
2019/01/25	04:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	05:11:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	05:11:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	05:11:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/25	05:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	05:39:00.5	XRT_Custom_430_OG [0x1ae]			
2019/01/25	05:40:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	05:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/01/25	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2019/01/25	06:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/01/25	06:00:20.0	XRT_ARS_DIS_426_OG [0x1aa]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/25	06:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2019/01/25	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	06:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/01/25	06:10:00.0	AOCS_OrE-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	01 00 00 00 00
2019/01/25	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/25	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/25	06:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/25	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/25	06:10:24.0	XRT_FLD_RESET_421_OG [0x1a5]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	06:12:56.0	XRT_QT_PROG_SET_403_OG [0x193]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/01/25	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/25	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			

2019/01/25	06:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/25	06:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	06:51:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/25	06:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/25	07:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/25	07:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/01/25	08:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/25	08:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	08:31:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/25	08:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/25	08:53:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/25	08:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/01/25	10:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/25	10:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	10:11:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/25	10:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/25	10:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/25	10:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/01/25	15:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/25	15:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	15:36:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/25	15:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/25	15:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/25	15:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/01/25	15:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/25	15:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	15:57:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/25	15:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/25	15:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/01/25	16:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/25	17:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/25	17:11:32.0	XRT_FLD_RESET_415_OG [0x19f]						
2019/01/25	17:11:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	17:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/01/25	17:35:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/01/25	17:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/01/25	18:05:54.0	XRT_CTRL_MANU_402_OG [0x192]						
2019/01/25	18:05:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	18:06:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/01/25	18:06:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00		
2019/01/25	18:06:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/01/25	18:06:20.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/01/25	18:08:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/01/25	18:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2019/01/25	18:15:54.0	XRT_CTRL_MANU_402_OG [0x192]						
2019/01/25	18:15:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/01/25	18:16:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/01/25	18:16:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/01/25	18:16:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	01 00 00 00 00		
2019/01/25	18:16:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/01/25	18:16:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		

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2019/01/25	18:16:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/25	18:16:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/25	18:16:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	18:18:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/01/25	18:18:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/25	18:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	18:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	18:48:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	18:48:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/25	18:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	19:12:00.0	XRT_Custom_430_OG [0x1ae]				
2019/01/25	19:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	20:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	20:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	20:25:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/25	20:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	20:49:00.0	XRT_Custom_430_OG [0x1ae]				
2019/01/25	20:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	22:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	22:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	22:02:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/25	22:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	22:25:30.0	XRT_Custom_430_OG [0x1ae]				
2019/01/25	22:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/25	23:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/25	23:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/25	23:40:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/25	23:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/25	23:57:00.0	XRT_Custom_430_OG [0x1ae]				
2019/01/25	23:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/26	01:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/26	01:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/26	01:15:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/26	01:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/26	01:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/26	01:17:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/26	01:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/26	01:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/26	01:23:30.0	XRT_Custom_430_OG [0x1ae]				
2019/01/26	01:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/26	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/26	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/01/26	02:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2019/01/26	02:00:16.0	XRT_FLD_ENA_427_OG [0x1ab]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/26	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/26	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/26	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/26	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/26	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10

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2019/01/26	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/01/26	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	02:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	02:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	02:39:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	02:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	02:59:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/26	03:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	04:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	04:09:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	04:09:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	04:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	04:36:30.5	XRT_Custom_430_OG [0x1ae]							
2019/01/26	04:37:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	05:47:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	05:47:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	05:47:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	05:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	06:14:00.0	XRT_Custom_430_OG [0x1ae]							
2019/01/26	06:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	06:23:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	06:23:26.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2019/01/26	06:23:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/26	06:23:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/26	06:23:50.0	XRT_ARS_DIS_426_OG [0x1aa]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/26	06:26:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04			
2019/01/26	06:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	06:33:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	06:33:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/01/26	06:33:30.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01	00	00	00	00
2019/01/26	06:33:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/26	06:33:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/26	06:33:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/26	06:33:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/26	06:33:54.0	XRT_FLD_RESET_421_OG [0x1a5]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	06:36:26.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2019/01/26	06:36:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/01/26	06:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	07:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	07:27:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	07:27:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	07:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	07:51:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/26	07:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	09:06:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	09:06:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	09:06:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	09:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	09:27:30.0	XRT_Custom_430_OG [0x1ae]							

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2019/01/26	09:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	10:48:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	10:48:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	10:48:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	10:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	10:58:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/26	10:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	14:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	14:38:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	14:38:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	14:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	14:42:00.0	XRT_Custom_430_OG [0x1ae]							
2019/01/26	14:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	16:10:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	16:10:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	16:10:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	16:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	16:33:00.0	XRT_Custom_430_OG [0x1ae]							
2019/01/26	16:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	17:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	17:46:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	17:46:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	17:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	18:09:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/01/26	18:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2019/01/26	18:10:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/26	18:10:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/26	18:10:20.0	XRT_ARS_DIS_426_OG [0x1aa]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/26	18:12:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2019/01/26	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	18:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	18:19:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/01/26	18:20:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2019/01/26	18:20:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/26	18:20:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/26	18:20:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/26	18:20:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/26	18:20:24.0	XRT_FLD_RESET_421_OG [0x1a5]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	18:22:56.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2019/01/26	18:22:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/01/26	18:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	19:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	19:23:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	19:23:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	19:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	19:46:30.0	XRT_Custom_430_OG [0x1ae]							
2019/01/26	19:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	21:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							

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2019/01/26	21:00:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	21:00:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	21:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	21:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	21:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	22:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/26	22:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/26	22:37:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/26	22:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/26	22:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/26	23:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	00:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	00:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/27	00:15:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/27	00:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/27	00:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/27	00:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	01:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	01:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/27	01:41:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/27	01:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/27	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/01/27	02:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00				
2019/01/27	02:00:16.0	XRT_FLD_ENA_427_OG [0x1ab]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/27	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/27	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/27	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/27	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/27	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2019/01/27	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/01/27	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/27	03:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	03:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/27	03:13:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/27	03:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/27	03:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/27	03:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	04:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	04:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/27	04:42:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/01/27	04:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/27	05:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/27	05:12:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	05:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/27	05:55:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/01/27	05:55:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/27	05:55:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/27	05:55:50.0	XRT_ARS_DIS_426_OG [0x1aa]								

2019/01/27	05:58:28.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/27	05:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2019/01/27	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/27	06:05:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/27	06:05:30.0	AOCS_OrE-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/01/27	06:05:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 00 00 00 00
2019/01/27	06:05:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/27	06:05:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/27	06:05:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/27	06:05:54.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/27	06:08:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/27	06:08:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/01/27	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/27	06:23:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/27	06:23:02.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/27	06:23:04.5	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/27	06:26:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/27	06:49:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/27	06:50:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2019/01/27	08:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/27	08:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/27	08:03:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/27	08:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/27	08:26:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/27	08:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2019/01/27	09:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/27	09:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/27	09:42:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/27	09:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/27	10:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/27	10:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2019/01/27	12:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/27	12:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/27	12:45:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/01/27	12:45:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ad 59 01 ca
2019/01/27	12:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/27	12:45:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/27	12:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/27	12:45:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/27	12:47:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/27	12:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2019/01/27	12:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/27	15:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/27	15:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/27	15:10:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/27	15:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/27	15:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/27	15:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
			MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2019/01/27	16:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/27	16:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/27	16:44:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/27	16:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/27	17:08:00.0	XRT_Custom_430_OG [0x1ae]					
2019/01/27	17:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/27	17:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/27	17:57:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/27	17:57:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2019/01/27	17:57:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/27	17:57:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/27	17:57:50.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/27	18:00:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04	
2019/01/27	18:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/27	18:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/27	18:07:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/27	18:07:30.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00	
2019/01/27	18:07:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/27	18:07:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/27	18:07:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/27	18:07:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/27	18:07:54.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/27	18:10:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2019/01/27	18:10:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/27	18:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/27	18:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/27	18:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/27	18:21:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/27	18:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/27	18:44:30.5	XRT_Custom_430_OG [0x1ae]					
2019/01/27	18:45:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/27	19:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/27	19:58:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/27	19:58:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/27	20:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/27	20:21:00.0	XRT_Custom_430_OG [0x1ae]					
2019/01/27	20:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/27	21:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/27	21:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/27	21:35:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/27	21:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/27	21:58:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/27	21:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/27	23:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/27	23:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/27	23:12:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/27	23:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/27	23:33:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/27	23:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2019/01/28	00:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	00:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	00:49:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/28	00:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/28	00:57:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/28	00:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/28	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2019/01/28	02:00:16.0	XRT_FLD_ENA_427_OG [0x1ab]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/28	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/28	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/28	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/28	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2019/01/28	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/01/28	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	02:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	02:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	02:13:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/28	02:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/28	02:32:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/28	02:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	03:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	03:48:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	03:48:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/28	03:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/28	04:09:00.0	XRT_Custom_430_OG [0x1ae]					
2019/01/28	04:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	05:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	05:18:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	05:18:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/28	05:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/28	05:46:30.0	XRT_Custom_430_OG [0x1ae]					
2019/01/28	05:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	05:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/01/28	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/01/28	06:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/01/28	06:00:20.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/28	06:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04	
2019/01/28	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	06:09:56.0	XRT_FOCUS_RECALIBRATE_417_OG [0x1a1]	XRT_FOCUS_RECAL	2	07-F8	78 00	
2019/01/28	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00	
2019/01/28	06:13:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/01/28	06:14:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/28	06:14:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/28	06:14:20.0	XRT_AEC_RESET_448_OG [0x1c0]					

2019/01/28	06:14:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/28	06:14:24.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/28	06:14:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	06:14:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2019/01/28	06:14:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/01/28	06:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	06:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	06:59:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	07:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/28	07:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/28	07:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]				
2019/01/28	08:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	08:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	08:39:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	08:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/28	09:00:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/28	09:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]				
2019/01/28	10:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	10:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	10:19:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	10:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/01/28	10:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/01/28	10:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]				
2019/01/28	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	11:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	11:30:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2019/01/28	11:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02	00 00 00 00
2019/01/28	11:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/28	11:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/28	11:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/28	11:30:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/28	11:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	11:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2019/01/28	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/01/28	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	14:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	14:30:00.0	AOCS_OrE-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2019/01/28	14:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03	00 00 00 00
2019/01/28	14:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/01/28	14:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/01/28	14:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/01/28	14:30:24.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/01/28	14:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/01/28	14:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01
2019/01/28	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/01/28	15:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/01/28	15:43:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/01/28	15:43:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	

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2019/01/28	15:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8				
2019/01/28	16:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/28	16:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	16:03:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/28	16:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e8				
2019/01/28	16:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/28	16:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/28	17:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	17:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/28	17:19:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8				
2019/01/28	17:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/28	17:42:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/28	17:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	17:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	17:59:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/01/28	17:59:30.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00				
2019/01/28	17:59:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/01/28	17:59:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/01/28	17:59:50.0	XRT_ARS_DIS_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/28	18:02:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2019/01/28	18:02:30.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/28	18:09:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	18:09:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/01/28	18:09:30.0	AOCs_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00				
2019/01/28	18:09:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/01/28	18:09:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/01/28	18:09:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/01/28	18:09:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/01/28	18:09:54.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/28	18:12:26.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2019/01/28	18:12:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/01/28	18:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/28	18:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	18:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/28	18:56:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8				
2019/01/28	18:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/28	19:19:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/28	19:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	20:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	20:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/28	20:33:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8				
2019/01/28	20:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/01/28	20:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/01/28	20:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	22:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/01/28	22:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/01/28	22:10:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8				
2019/01/28	22:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				

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2019/01/28	22:33:00.0	XRT_Custom_430_OG [0x1ae]			
2019/01/28	22:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/28	23:47:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/28	23:47:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/28	23:47:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/28	23:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	00:03:00.0	XRT_Custom_430_OG [0x1ae]			
2019/01/29	00:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	01:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	01:19:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	01:19:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/29	01:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	01:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	01:24:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	01:24:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/29	01:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	01:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/01/29	02:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2019/01/29	02:00:16.0	XRT_FLD_ENA_427_OG [0x1ab]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/29	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/29	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/29	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/29	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2019/01/29	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/29	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	02:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	02:46:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	02:46:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/29	02:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	03:07:00.0	XRT_Custom_430_OG [0x1ae]			
2019/01/29	03:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	04:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	04:15:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	04:15:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/29	04:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	04:44:00.0	XRT_Custom_430_OG [0x1ae]			
2019/01/29	04:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	05:54:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	05:54:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	05:54:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/29	05:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	06:21:30.5	XRT_Custom_430_OG [0x1ae]			
2019/01/29	06:22:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	06:31:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	06:31:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/01/29	06:31:46.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2019/01/29	06:31:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

2019/01/29	06:31:50.0	XRT_ARS_DIS_426_OG [0x1aa]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/29	06:34:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2019/01/29	06:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	06:41:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	06:41:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/01/29	06:41:30.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	01 00 00 00 00
2019/01/29	06:41:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2019/01/29	06:41:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/01/29	06:41:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2019/01/29	06:41:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/01/29	06:41:54.0	XRT_FLD_RESET_421_OG [0x1a5]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	06:44:26.0	XRT_QT_PROG_SET_403_OG [0x193]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/01/29	06:44:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/01/29	06:44:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	07:35:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	07:35:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	07:35:04.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/29	07:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	07:59:00.0	XRT_Custom_430_OG [0x1ae]			
2019/01/29	08:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/01/29	09:14:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/01/29	09:14:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/01/29	09:14:34.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/01/29	09:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/01/29	11:08:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00