

XRT Timeline to be uploaded on 2017/06/20

Period: 2017/06/20 10:29:00 - 2017/06/28 10:18:00

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Normal mode

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XOB #1B95: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 90s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
06/20 10:42:30 - 06/20 10:57:24	Fixed (936.0, 0.0)	# OP start + 10min HOP130 1/15
06/20 11:00:30 - 06/20 11:13:24	Fixed (468.0, 0.0)	HOP130 2/15
06/20 11:16:30 - 06/20 11:29:24	Fixed (0.0, 0.0)	HOP130 3/15
06/20 11:32:30 - 06/20 11:49:30	Fixed (-468.0, 0.0)	HOP130 4/15
06/20 12:22:30 - 06/20 12:35:24	Fixed (-936.0, 0.0)	HOP130 5/15
06/20 12:38:30 - 06/20 12:45:24	Fixed (815.0, 470.0)	HOP130 6/15
06/20 12:48:30 - 06/20 13:01:24	Fixed (411.0, 847.0)	HOP130 7/15
06/20 13:04:30 - 06/20 13:28:00	Fixed (0.0, 941.0)	HOP130 8/15
06/20 14:01:00 - 06/20 14:13:54	Fixed (-411.0, 847.0)	HOP130 9/15
06/20 14:17:00 - 06/20 14:23:54	Fixed (-815.0, 470.0)	HOP130 10/15
06/20 14:27:00 - 06/20 14:33:54	Fixed (815.0, -470.0)	HOP130 11/15
06/20 14:37:00 - 06/20 14:49:54	Fixed (411.0, -847.0)	HOP130 12/15
06/20 14:53:00 - 06/20 15:57:54	Fixed (0.0, -941.0)	HOP130 13/15
06/20 16:01:00 - 06/20 16:13:54	Fixed (-411.0, -847.0)	HOP130 14/15
06/20 16:17:00 - 06/20 16:29:54	Fixed (-815.0, -471.0)	HOP130 15/15
06/20 18:13:00 - 06/20 23:09:54	Track (-487.8, -187.0) ^{Ⓜ 06/20 18:10:00}	EIS QS-BP obs.
06/21 23:07:00 - 06/22 03:59:54	Track (-250.6, -192.4) ^{Ⓜ 06/21 23:00:00}	EIS QS-BP Obs.
06/22 06:02:30 - 06/22 09:37:00	Track (-189.4, -193.4) ^{Ⓜ 06/22 05:59:30}	EIS Sensitivity monitoring

PROG= 11 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec										
└─ Seqn= 30	1-time(s)	2.0sec										
└─┬─ Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
└─┬─ Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 2	40-time(s)	90.0sec										
└─┬─ Seqn= 8	1-time(s)	2.0sec										
└─┬─┬─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
└─┬─┬─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
└─┬─ Seqn= 6	1-time(s)	2.0sec										
└─┬─┬─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
└─┬─┬─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #1BA6: High cadence (10s thin-Be only) 384x384 at 1064 1048 AEC1 w/1ms G-band

Term	Pointing (x, y)	Comment
06/20 16:33:00 - 06/20 17:59:54	Track (302.3, 104.5) ^{Ⓜ 06/20 16:30:00}	AR12662
06/20 23:13:00 - 06/21 06:27:24	Track (358.9, 104.6) ^{Ⓜ 06/20 23:10:00}	AR12662
06/21 06:40:30 - 06/21 09:59:54	Track (420.4, 104.9) ^{Ⓜ 06/21 06:37:30}	AR12662
06/21 16:28:00 - 06/21 17:20:00	Track (494.6, 105.5) ^{Ⓜ 06/21 16:00:00}	AR12662
06/22 04:03:00 - 06/22 05:49:24	Track (583.4, 106.7) ^{Ⓜ 06/22 04:00:00}	AR12662
06/22 16:03:00 - 06/22 17:40:54	Track (664.2, 108.3) ^{Ⓜ 06/22 16:00:00}	AR12662
06/23 06:13:00 - 06/23 17:53:24	Track (748.0, 110.8) ^{Ⓜ 06/23 06:10:00}	AR12662
06/24 10:48:30 - 06/24 17:28:00	Track (872.7, 117.7) ^{Ⓜ 06/24 10:45:30}	AR12662
06/25 00:32:30 - 06/25 05:57:24	Fixed (908.0, 123.0)	AR12662 on the limb (fix pointing)

PROG= 12 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec										
└─ Seqn= 92	1-time(s)	2.0sec										
└─┬─ Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└─┬─ Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└─┬─ Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Subr= 2	1-time(s)	2.0sec										
└─┬─ Seqn= 39	180-time(s)	20.0sec										
└─┬─┬─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	10.0sec
└─┬─┬─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	10.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

XOB #1B8D: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(45/512/4096), Thin-Be(512/8192/23142) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al

Term	Pointing (x, y)	Comment
06/20 18:03:00 - 06/20 18:09:54	Fixed (0.0, 0.0)	synoptic
06/25 06:00:30 - 06/25 06:07:30	Fixed (0.0, 0.0)	synoptic, shifted -2.5 min / XRT starts CCD-bake out after the synoptic.

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= 1	1-time(s)	2.0sec										
└─┬─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─┬─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 94 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 46 1-time(s) 2.0sec												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 20 1-time(s) 2.0sec												
med-Al/Open	med-Al/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 40 1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
06/21 06:30:30 - 06/21 06:37:24	Fixed (0.0, 0.0)	synoptic, shifted 27.5 min
06/21 18:06:30 - 06/21 18:13:24	Fixed (0.0, 0.0)	synoptic, shifted 3.5 min
06/22 05:52:30 - 06/22 05:59:24	Fixed (0.0, 0.0)	synoptic, shifted -10.5 min
06/22 17:44:00 - 06/22 17:50:54	Fixed (0.0, 0.0)	synoptic, shifted -19.0 min
06/23 06:03:00 - 06/23 06:09:54	Fixed (0.0, 0.0)	synoptic
06/23 17:56:30 - 06/23 18:03:24	Fixed (0.0, 0.0)	synoptic, shifted -6.5 min
06/24 06:38:30 - 06/24 06:45:24	Fixed (0.0, 0.0)	synoptic, shifted 35.5 min
06/24 18:14:30 - 06/24 18:21:24	Fixed (0.0, 0.0)	synoptic, shifted 11.5 min

PROG= 19 1-time(s)												
Subr= 1 1-time(s) 2.0sec												
Seqn= 5 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 27 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 85 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B93: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 30s cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
06/21 10:03:00 - 06/21 15:41:30	Fixed (-15.0, 839.0)	HOP81 North
06/22 10:15:00 - 06/22 15:59:54	Fixed (-15.0, -981.0)	HOP81 South

PROG= 03 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= 57 1-time(s) 30.0sec												
Open/Al-mesh	Open/Al-mesh	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	5.66s	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 #1BA5: HOP304 - High cadence (10s Al/poly only) 384x384 at 1064 1048

Term	Pointing (x, y)	Comment
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06/21 18:16:30 - 06/21 22:59:54	Track (511.6, 105.7)	[Ⓜ] 06/21 18:13:30	AR12662 for HOP304
06/22 17:54:00 - 06/23 05:59:54	Track (675.9, 108.6)	[Ⓜ] 06/22 17:51:00	AR12662 for HOP304
06/23 18:06:30 - 06/24 06:35:24	Track (807.4, 113.4)	[Ⓜ] 06/23 18:03:30	AR12662 for HOP304
06/24 18:24:30 - 06/24 23:59:54	Track (894.9, 119.9)	[Ⓜ] 06/24 18:21:30	AR12662 for HOP304

PROG= 07 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec											
Seqn= 92 1-time(s) 2.0sec											
Open/G-band Open/G-band open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/G-band Open/G-band close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/Ti-poly Open/thick-Al close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	
Subr= 2 1-time(s) 2.0sec											
Seqn= 74 50-time(s) 10.0sec											
Al-poly/Open thin-Be/Open close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
Default Filter Thicker Filter VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval	

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

Term	Pointing (x, y)	Comment
06/24 07:00:30 - 06/24 08:45:24	Fixed (0.0, 930.0)	Co-alignment N-limb

PROG= 15 1-time(s)

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

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

Term	Pointing (x, y)	Comment
06/24 09:00:30 - 06/24 10:45:24	Fixed (-970.0, 0.0)	Co-alignment E-limb

PROG= 18 1-time(s)

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

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Flare mode

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

Term	Pointing (x, y)	Comment
06/20 10:42:30 - 06/20 10:57:24	Fixed (936.0, 0.0)	# OP start + 10min HOP130 1/15
06/20 11:00:30 - 06/20 11:13:24	Fixed (468.0, 0.0)	HOP130 2/15
06/20 11:16:30 - 06/20 11:29:24	Fixed (0.0, 0.0)	HOP130 3/15
06/20 11:32:30 - 06/20 11:49:30	Fixed (-468.0, 0.0)	HOP130 4/15
06/20 12:22:30 - 06/20 12:35:24	Fixed (-936.0, 0.0)	HOP130 5/15
06/20 12:38:30 - 06/20 12:45:24	Fixed (815.0, 470.0)	HOP130 6/15
06/20 12:48:30 - 06/20 13:01:24	Fixed (411.0, 847.0)	HOP130 7/15
06/20 13:04:30 - 06/20 13:28:00	Fixed (0.0, 941.0)	HOP130 8/15
06/20 14:01:00 - 06/20 14:13:54	Fixed (-411.0, 847.0)	HOP130 9/15
06/20 14:17:00 - 06/20 14:23:54	Fixed (-815.0, 470.0)	HOP130 10/15
06/20 14:27:00 - 06/20 14:33:54	Fixed (815.0, -470.0)	HOP130 11/15
06/20 14:37:00 - 06/20 14:49:54	Fixed (411.0, -847.0)	HOP130 12/15
06/20 14:53:00 - 06/20 15:57:54	Fixed (0.0, -941.0)	HOP130 13/15
06/20 16:01:00 - 06/20 16:13:54	Fixed (-411.0, -847.0)	HOP130 14/15
06/20 16:17:00 - 06/20 16:29:54	Fixed (-815.0, -471.0)	HOP130 15/15
06/20 16:33:00 - 06/20 17:59:54	Track (302.3, 104.5)	[Ⓜ] 06/20 16:30:00 AR12662
06/20 18:13:00 - 06/20 23:09:54	Track (-487.8, -187.0)	[Ⓜ] 06/20 18:10:00 EIS QS-BP obs.
06/20 23:13:00 - 06/21 06:27:24	Track (358.9, 104.6)	[Ⓜ] 06/20 23:10:00 AR12662
06/21 06:40:30 - 06/21 09:59:54	Track (420.4, 104.9)	[Ⓜ] 06/21 06:37:30 AR12662
06/21 10:03:00 - 06/21 15:41:30	Fixed (-15.0, 839.0)	HOP81 North
06/21 16:28:00 - 06/21 17:20:00	Track (494.6, 105.5)	[Ⓜ] 06/21 16:00:00 AR12662
06/21 18:16:30 - 06/21 22:59:54	Track (511.6, 105.7)	[Ⓜ] 06/21 18:13:30 AR12662 for HOP304
06/21 23:07:00 - 06/22 03:59:54	Track (-250.6, -192.4)	[Ⓜ] 06/21 23:00:00 EIS QS-BP Obs.
06/22 04:03:00 - 06/22 05:49:24	Track (583.4, 106.7)	[Ⓜ] 06/22 04:00:00 AR12662
06/22 06:02:30 - 06/22 09:37:00	Track (-189.4, -193.4)	[Ⓜ] 06/22 05:59:30 EIS Sensitivity monitoring
06/22 10:15:00 - 06/22 15:59:54	Fixed (-15.0, -981.0)	HOP81 South
06/22 16:03:00 - 06/22 17:40:54	Track (664.2, 108.3)	[Ⓜ] 06/22 16:00:00 AR12662
06/22 17:54:00 - 06/23 03:59:54	Track (675.9, 108.6)	[Ⓜ] 06/22 17:51:00 AR12662 for HOP304
06/23 06:13:00 - 06/23 17:53:24	Track (748.0, 110.8)	[Ⓜ] 06/23 06:10:00 AR12662
06/23 18:06:30 - 06/24 06:35:24	Track (807.4, 113.4)	[Ⓜ] 06/23 18:03:30 AR12662 for HOP304
06/24 10:48:30 - 06/24 17:28:00	Track (872.7, 117.7)	[Ⓜ] 06/24 10:45:30 AR12662
06/24 18:24:30 - 06/24 23:59:54	Track (894.9, 119.9)	[Ⓜ] 06/24 18:21:30 AR12662 for HOP304

PROG= 13 30-time(s)

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

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

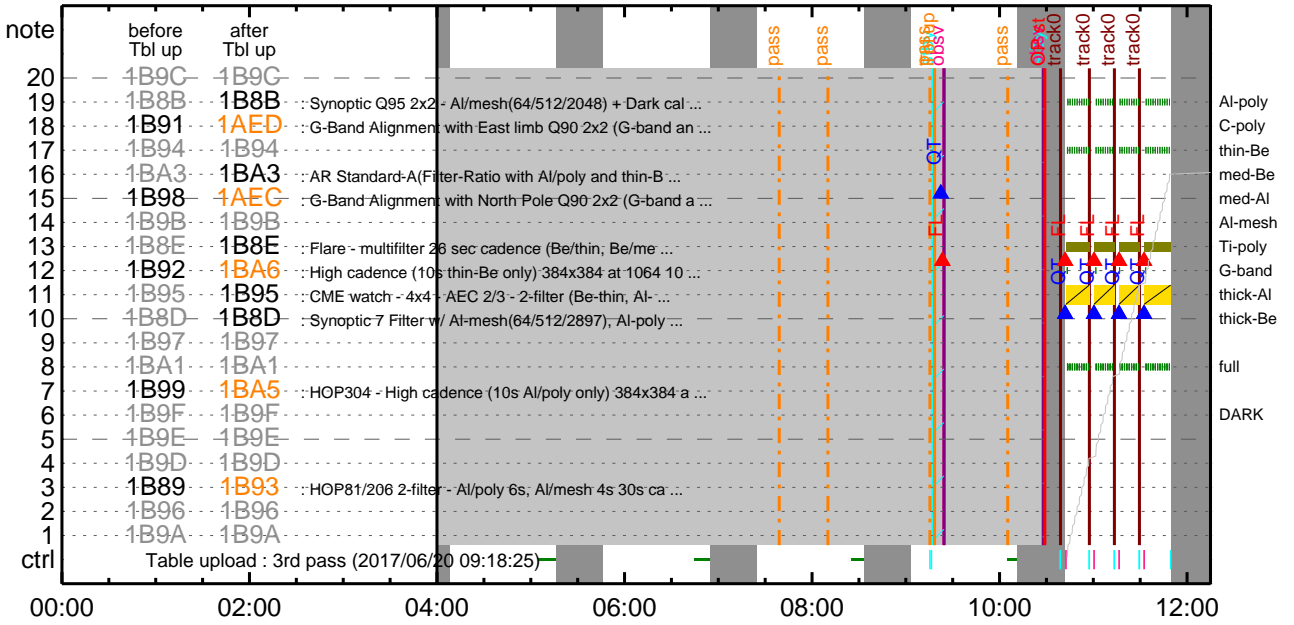
Flare Detection

* * * * *

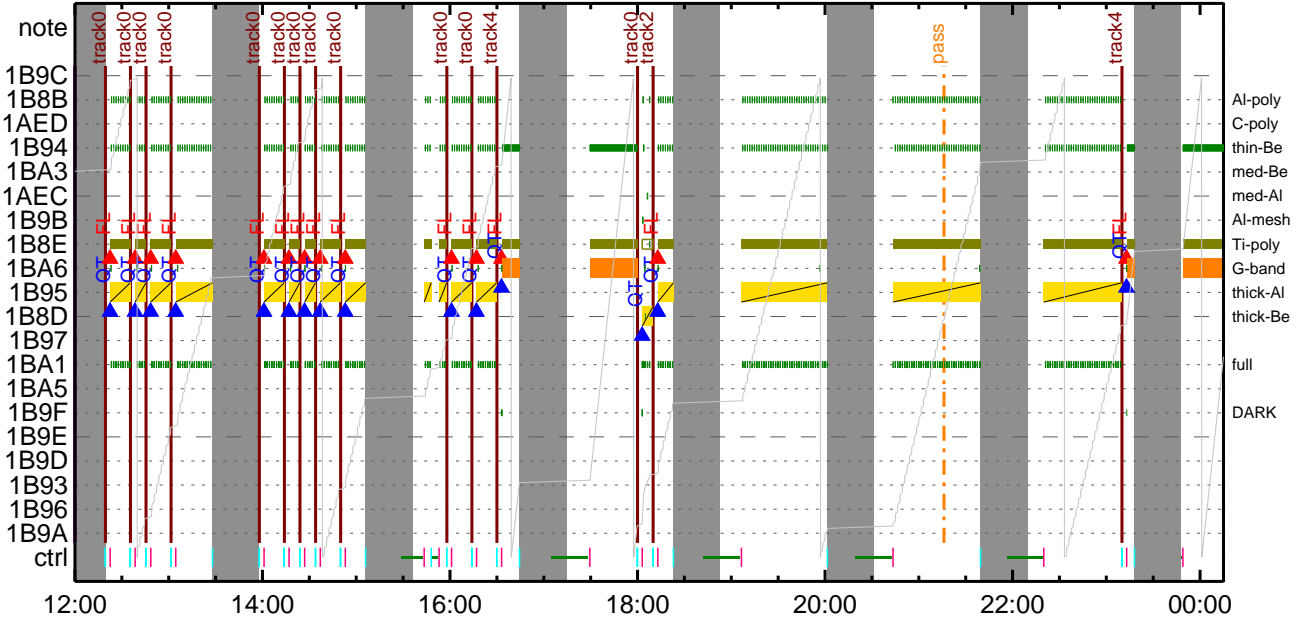
FLD Patrol

Term	Pointing (x, y)	Comment
06/20 18:10:18 - 06/21 06:27:48	Track (-487.8, -187.0) [Ⓜ] 06/20 18:10:00	EIS QS-BP obs.
06/21 06:37:48 - 06/21 18:03:48	Track (420.4, 104.9) [Ⓜ] 06/21 06:37:30	AR12662
06/21 18:13:48 - 06/22 05:49:48	Track (511.6, 105.7) [Ⓜ] 06/21 18:13:30	AR12662 for HOP304
06/22 05:59:48 - 06/22 17:41:18	Track (-189.4, -193.4) [Ⓜ] 06/22 05:59:30	EIS Sensitivity monitoring
06/22 17:51:18 - 06/23 06:00:18	Track (675.9, 108.6) [Ⓜ] 06/22 17:51:00	AR12662 for HOP304
06/23 06:10:18 - 06/23 17:53:48	Track (748.0, 110.8) [Ⓜ] 06/23 06:10:00	AR12662
06/23 18:03:48 - 06/24 06:35:48	Track (807.4, 113.4) [Ⓜ] 06/23 18:03:30	AR12662 for HOP304
06/24 10:45:48 - 06/24 18:11:48	Track (872.7, 117.7) [Ⓜ] 06/24 10:45:30	AR12662
06/24 18:21:48 - 06/25 05:57:48	Track (894.9, 119.9) [Ⓜ] 06/24 18:21:30	AR12662 for HOP304
Open/Ti-poly	Open/thick-Al close	Safe Norm 8ms Obs 8x8 Q=50 80sec
Default Filter	Thicker Filter VLS	mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

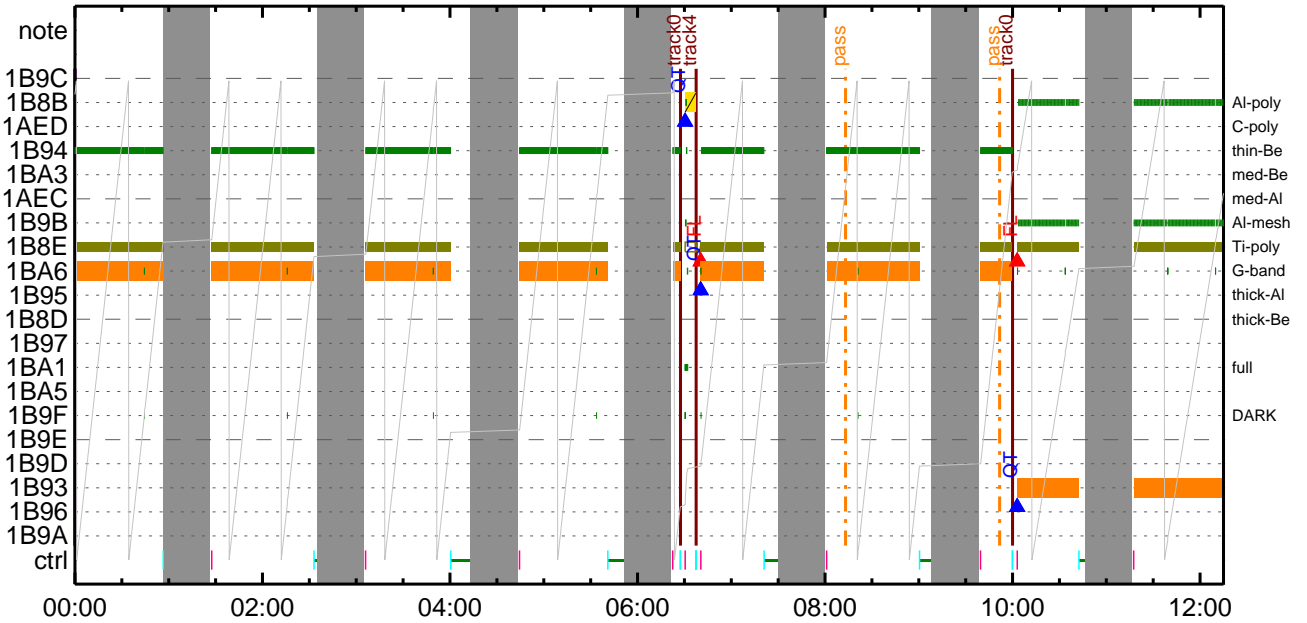
CMDI #0816 2017/06/20



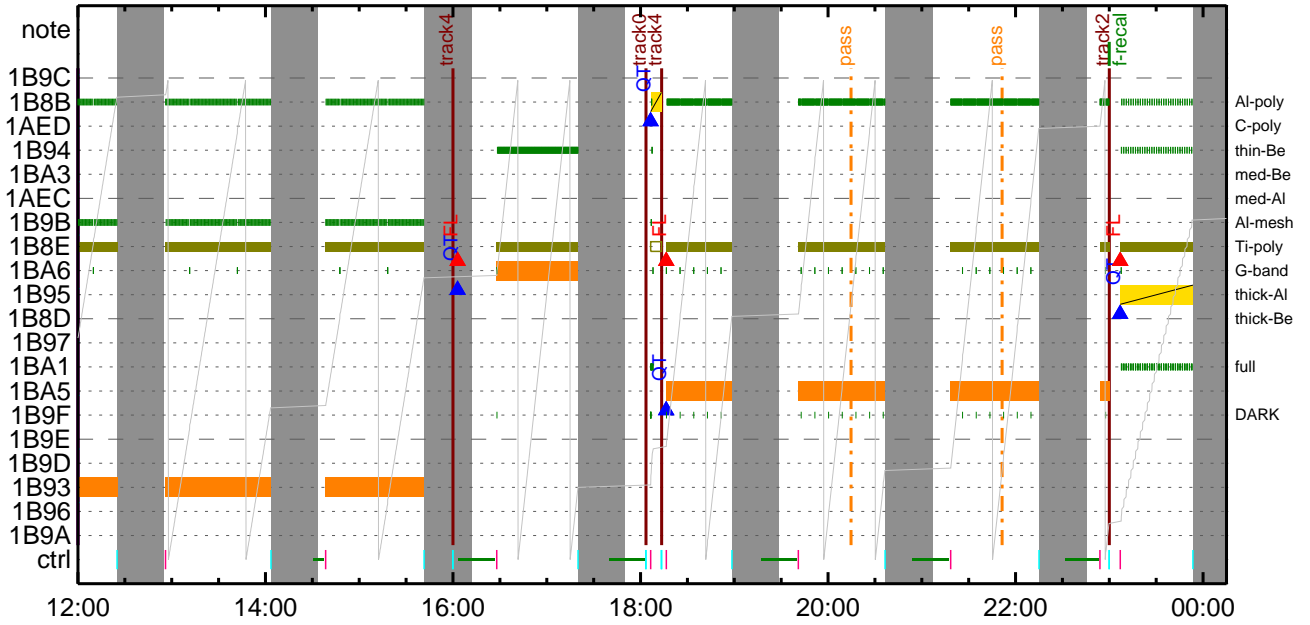
CMDI #0816 2017/06/20



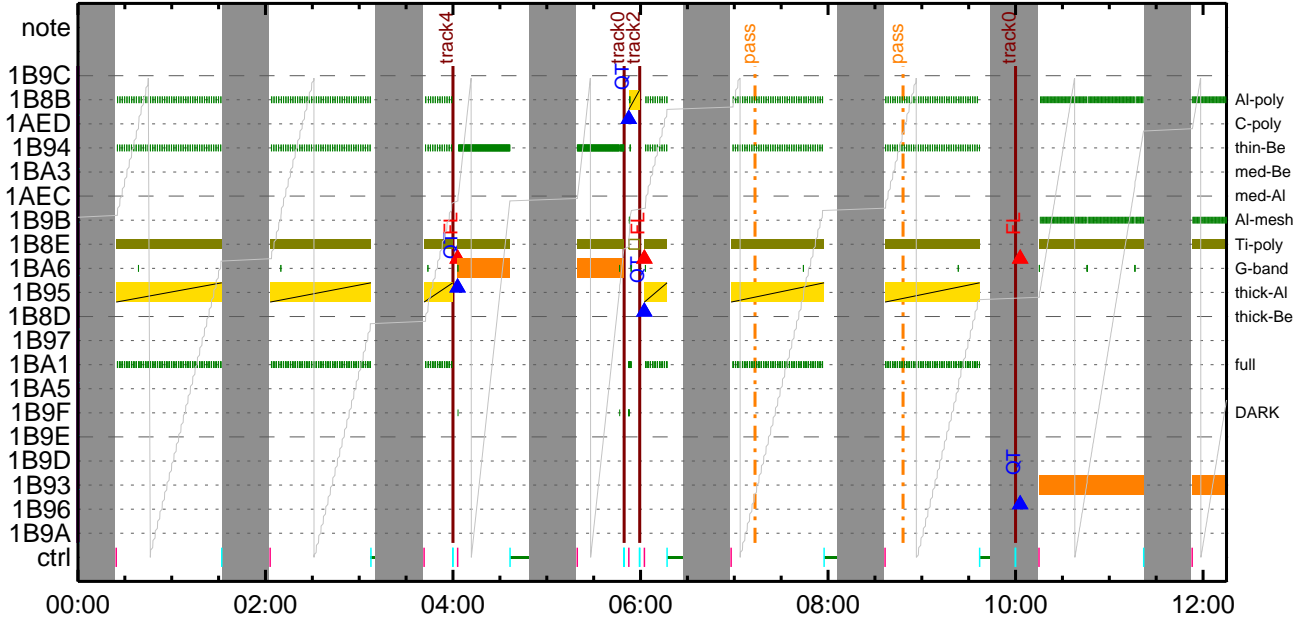
CMDI #0816 2017/06/21



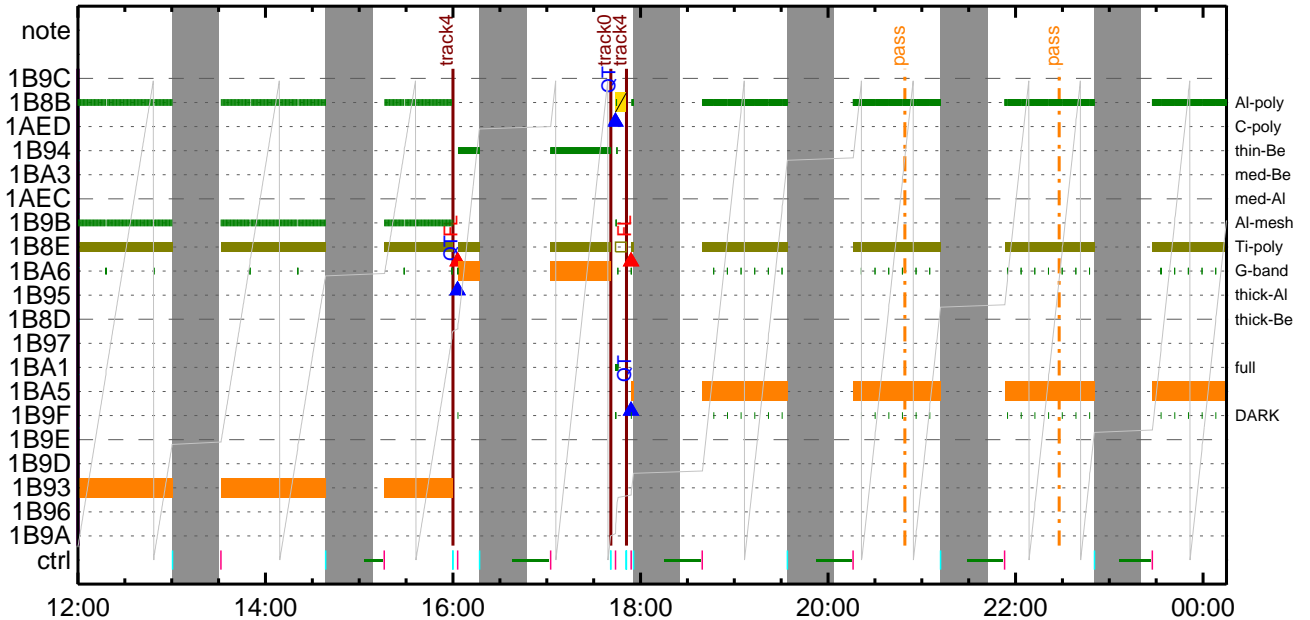
CMDI #0816 2017/06/21



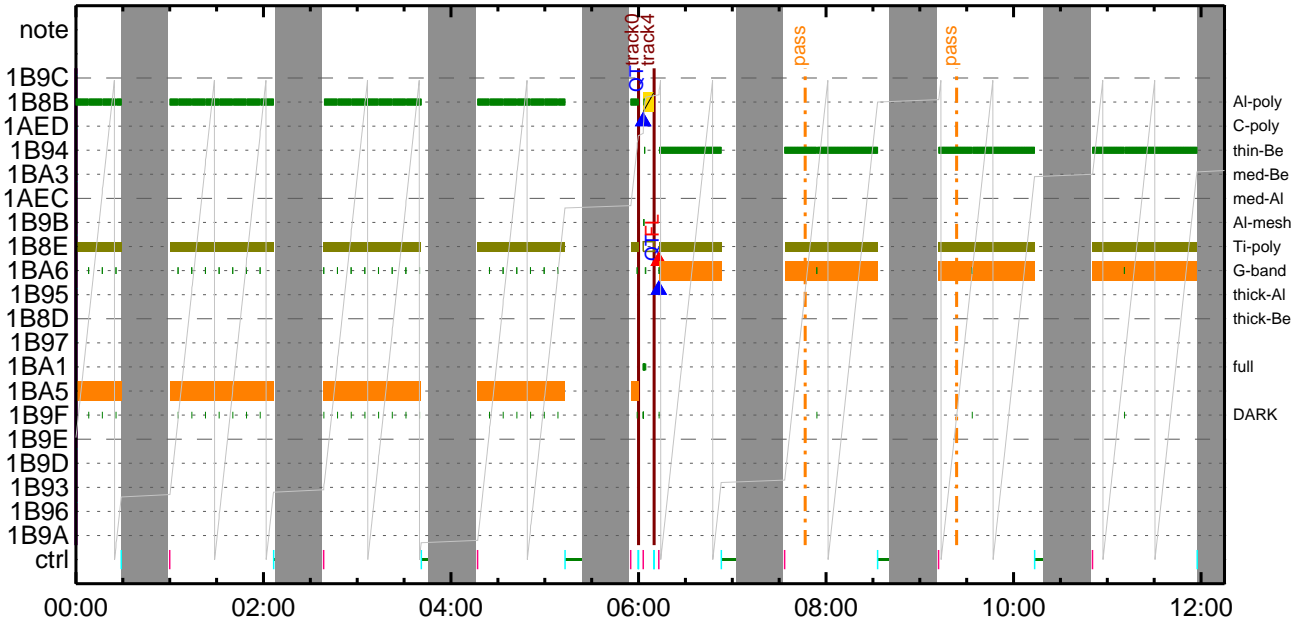
CMDI #0816 2017/06/22



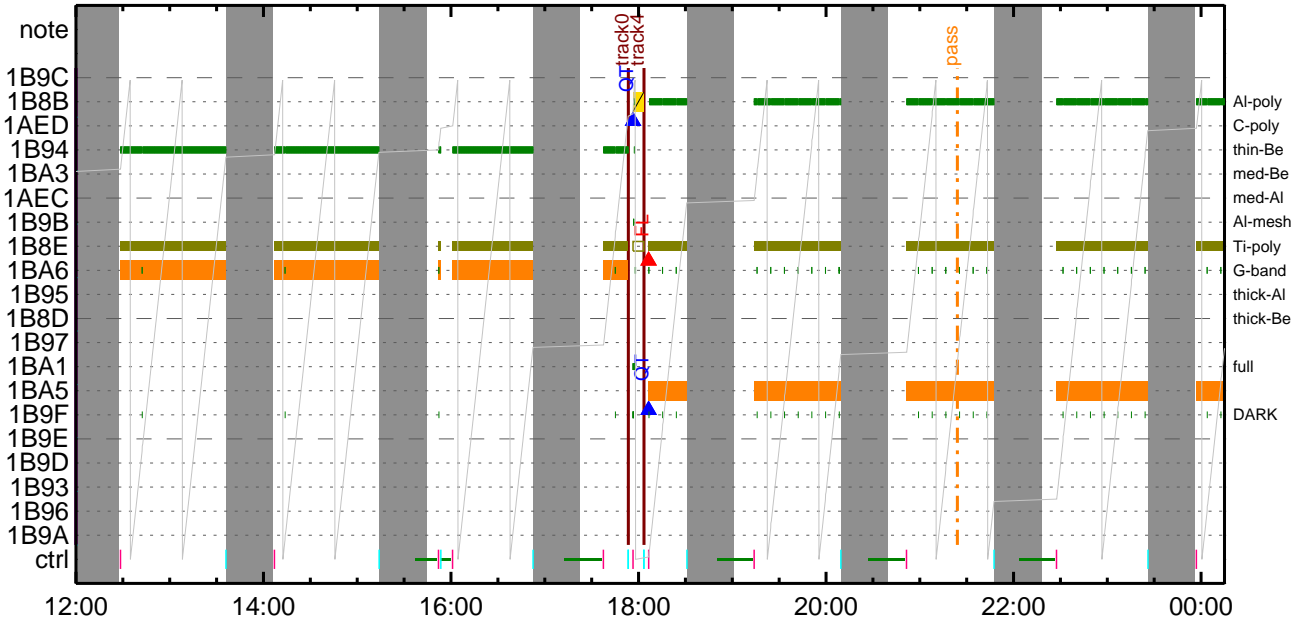
CMDI #0816 2017/06/22



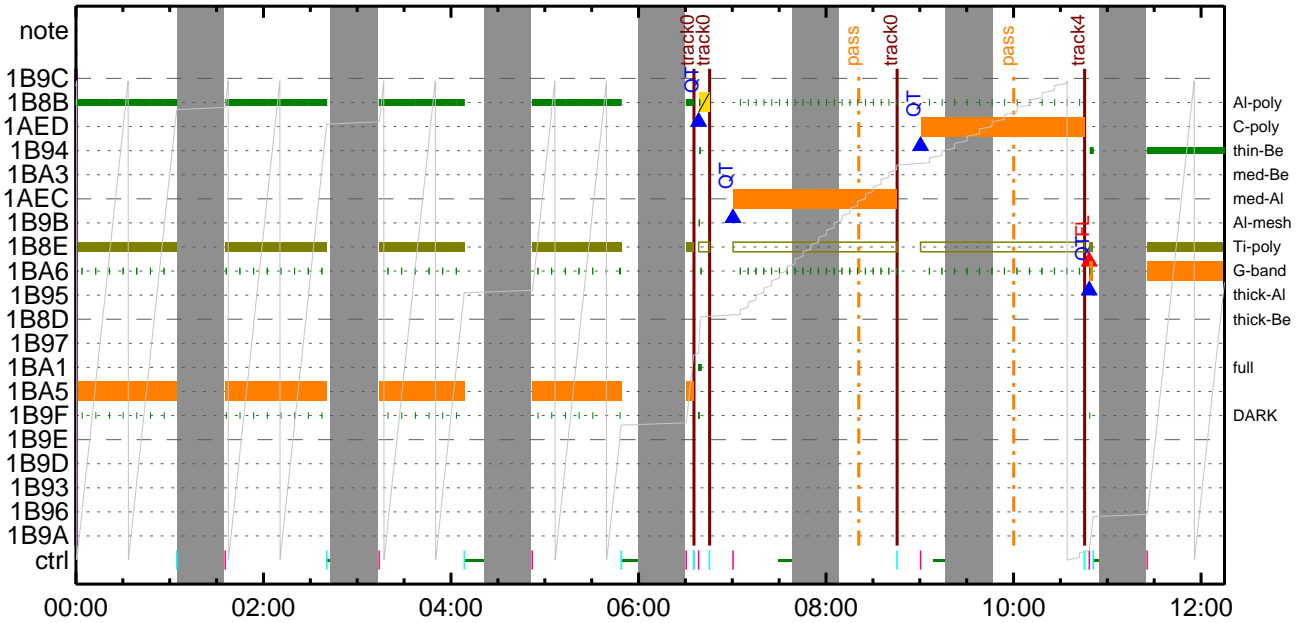
CMDI #0816 2017/06/23



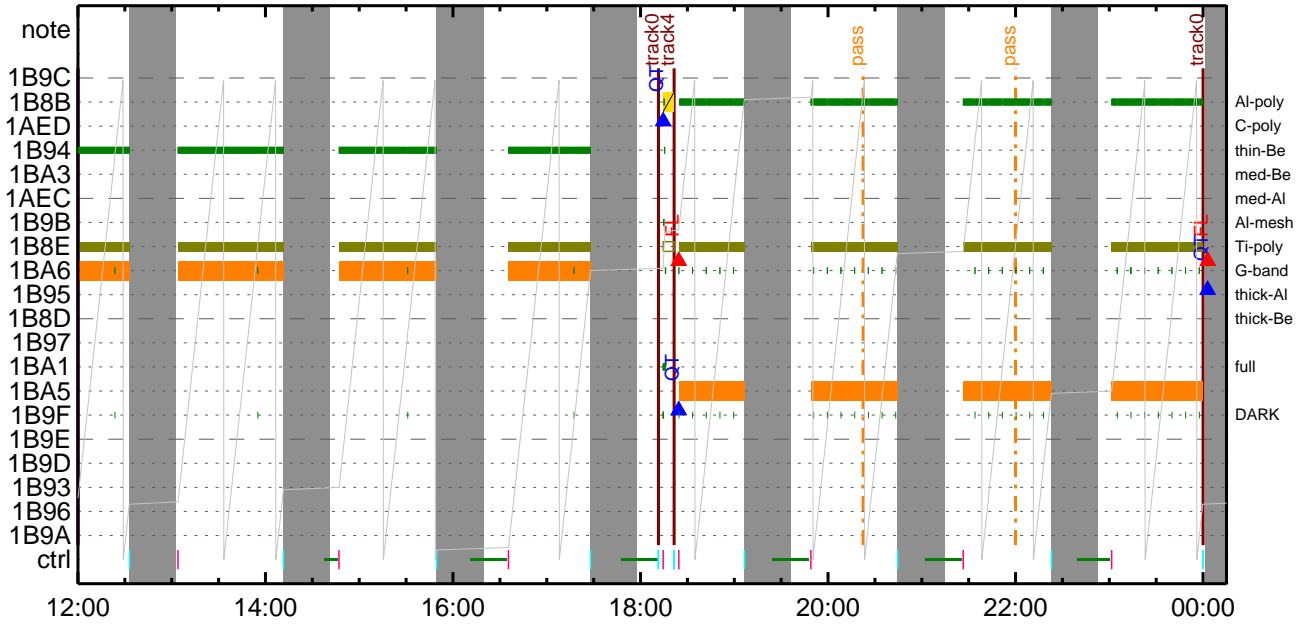
CMDI #0816 2017/06/23



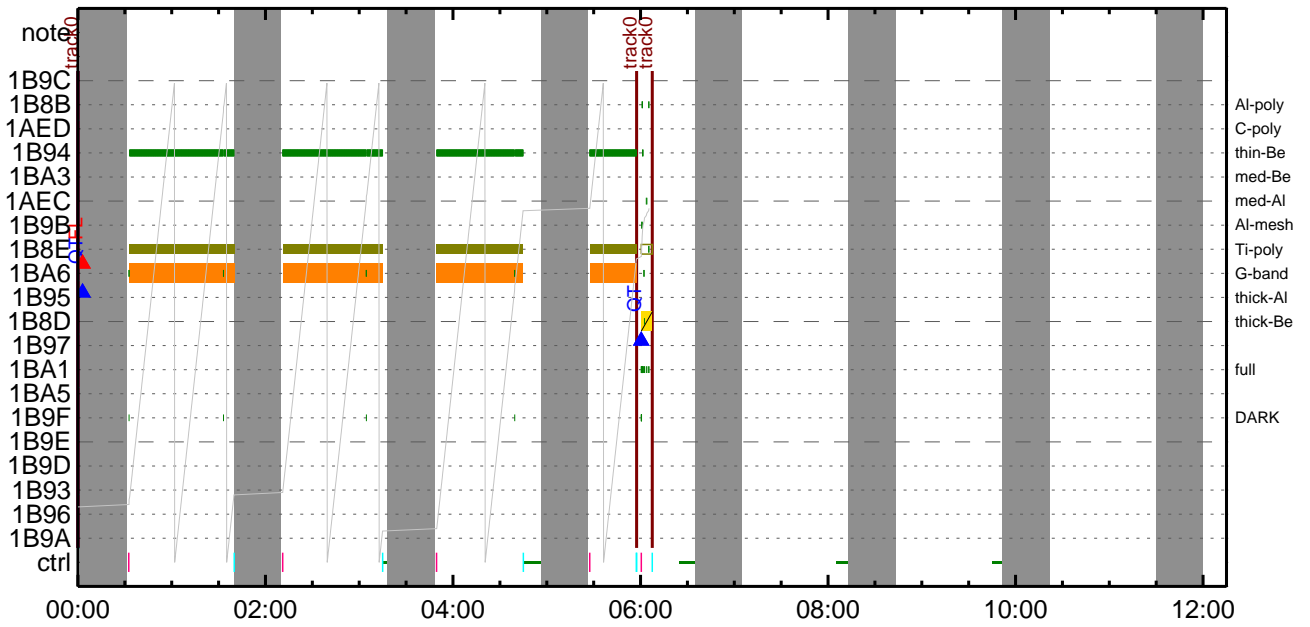
CMDI #0816 2017/06/24



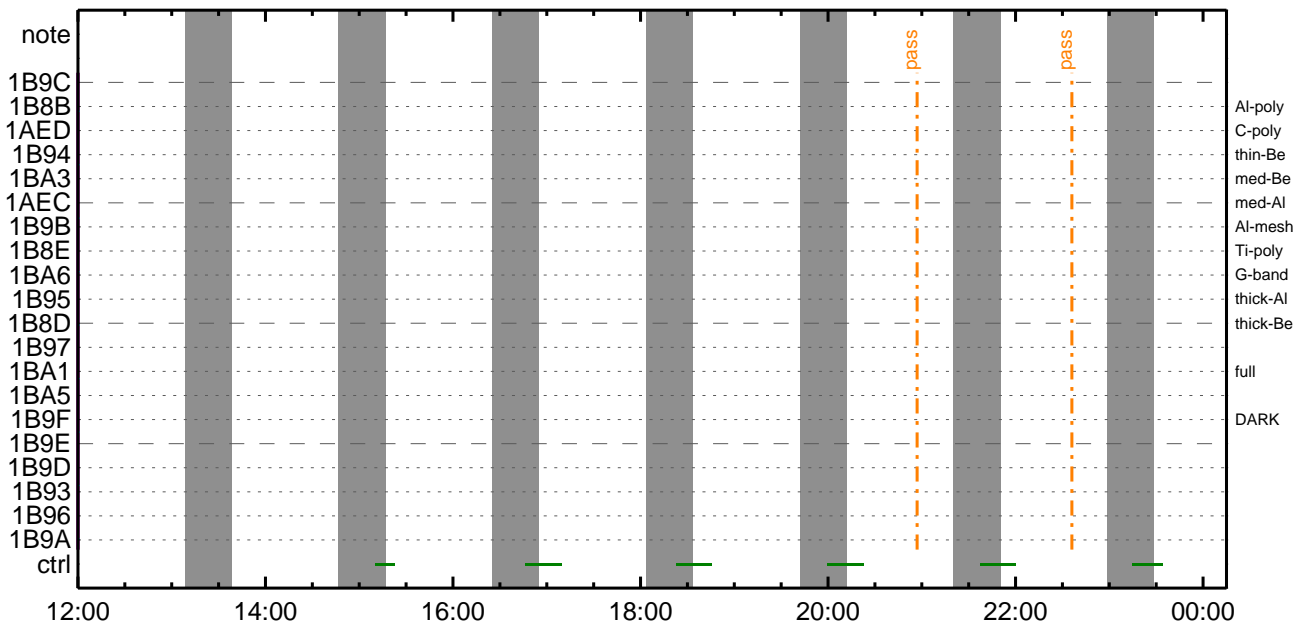
CMDI #0816 2017/06/24



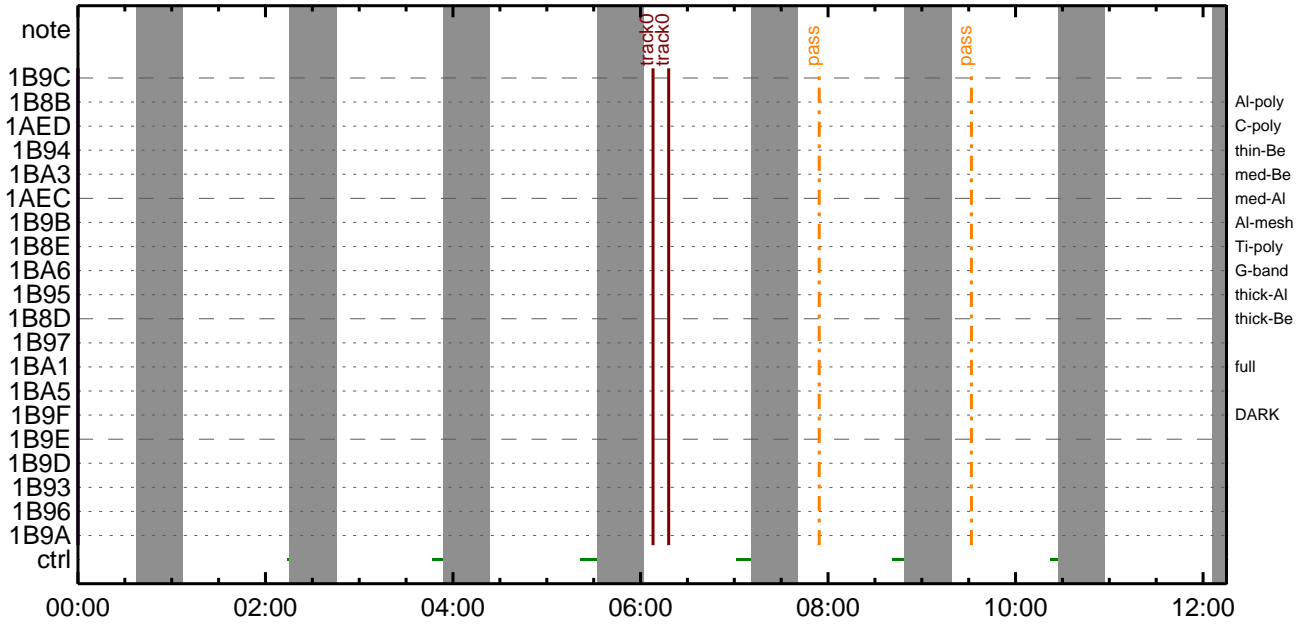
CMDI #0816 2017/06/25



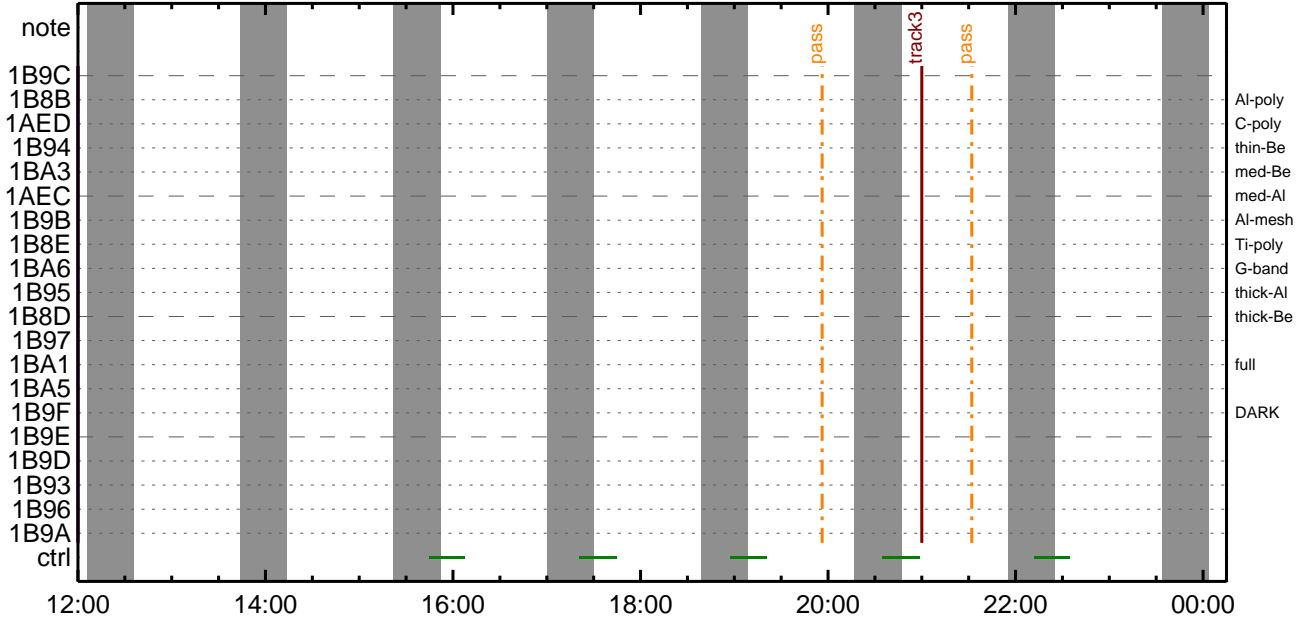
CMDI #0816 2017/06/25



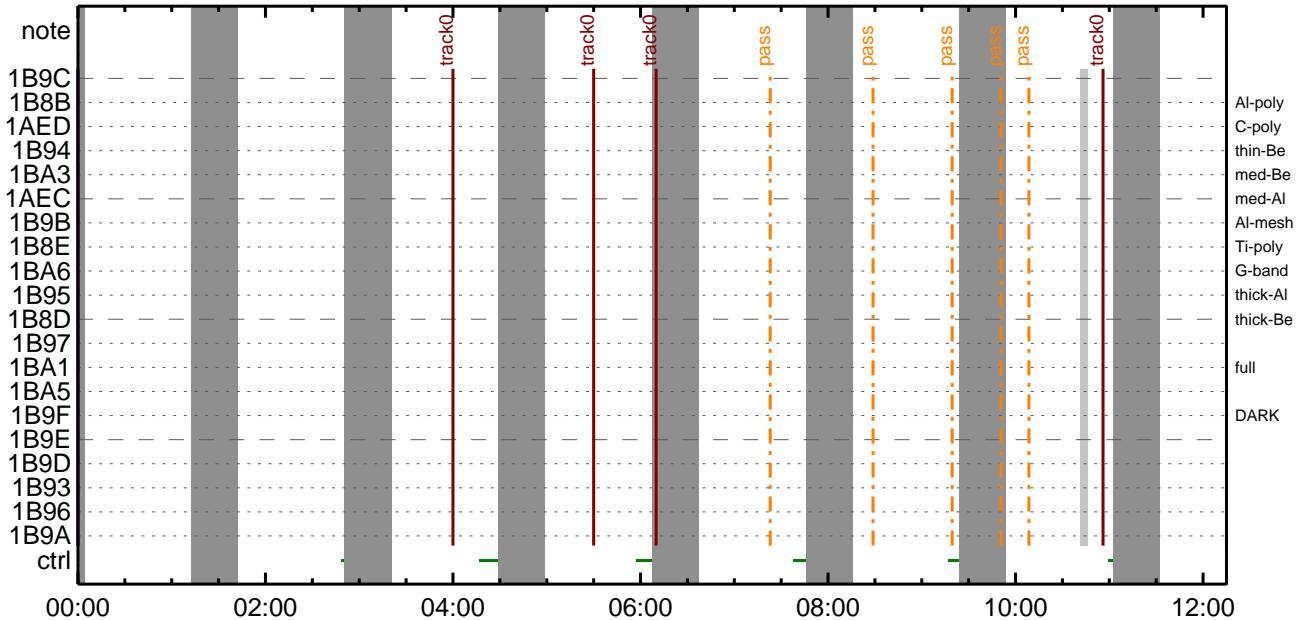
CMDI #0816 2017/06/26



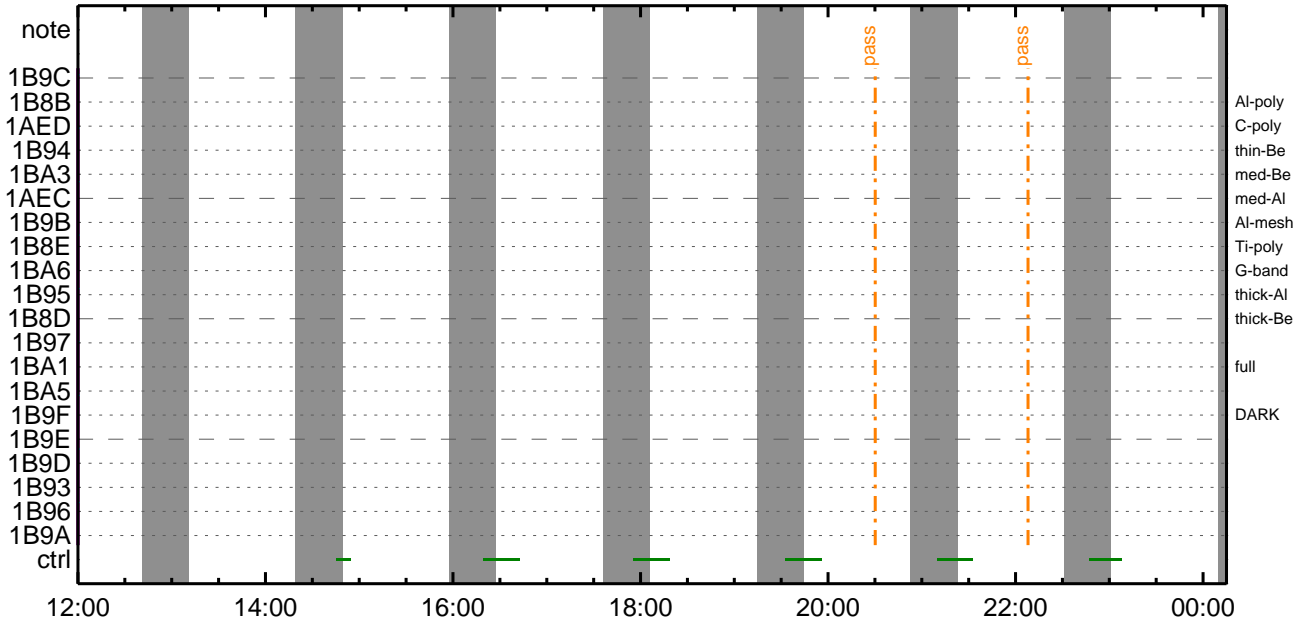
CMDI #0816 2017/06/26



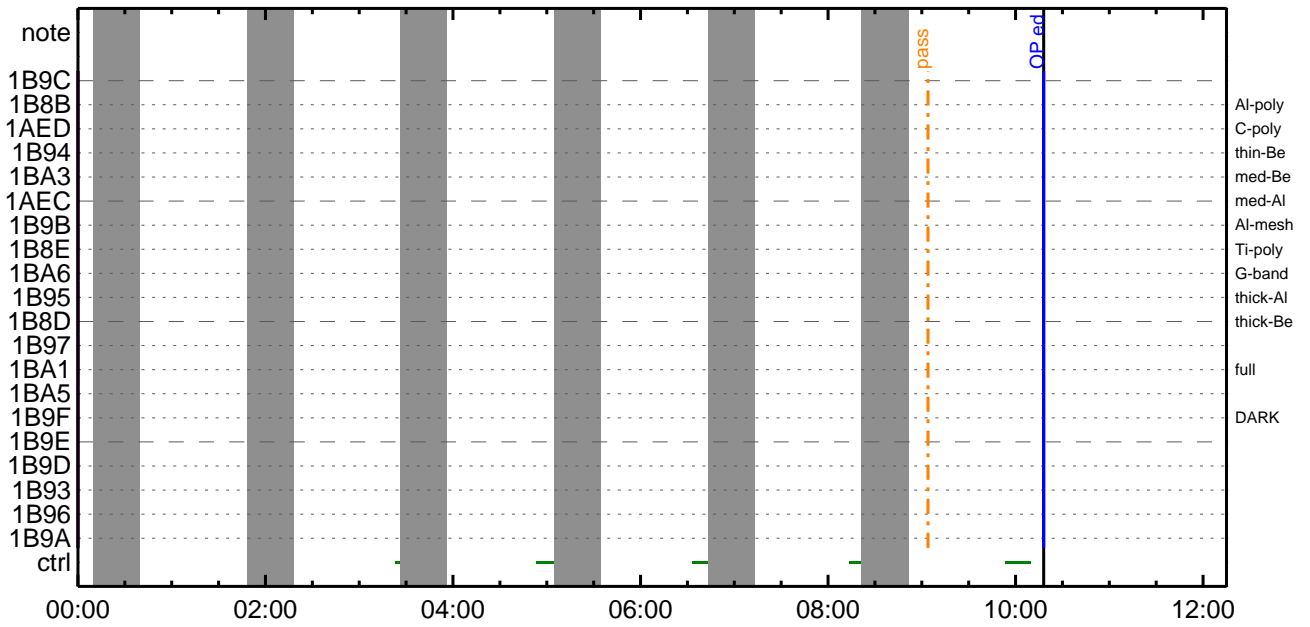
CMDI #0816 2017/06/27



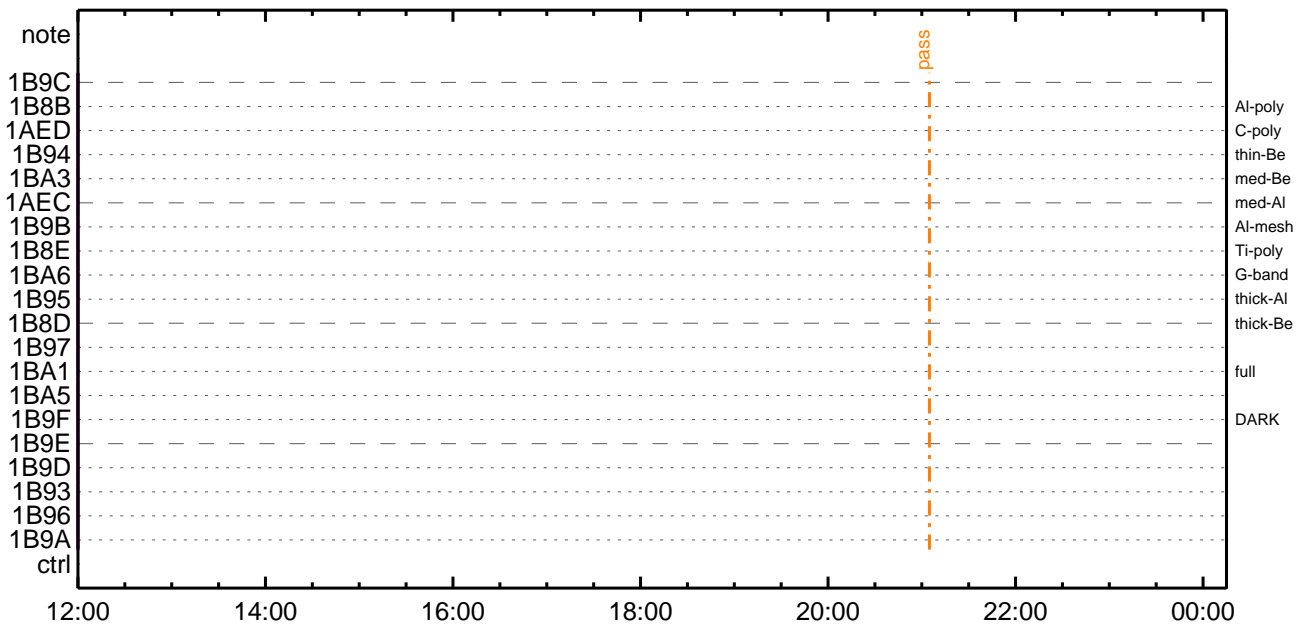
CMDI #0816 2017/06/27



CMDI #0816 2017/06/28



CMDI #0816 2017/06/28




```
0194 C.
0195 +. TI 2017-06-20 10:28:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                      EQ          1COUNTUP
0198 C.
0199 C. °ê²¼¼õîÄè%îíñõîî¥Ä¥§¥Ä¥-¹àîü
0200 C.          çç[HK1_TI_CMD_ENA/DIS]                  EQ          ENA
0201 C.          çç[HK1_TI_CMD_NUM]                      EQ          4
0202 C.          çç[HK1_NEXT_EXEC_PIM]                   EQ          DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]                     EQ          0xB3
0204 C.
0205 C. *****
0206 C. Tíîî°è¥Ä¥Ö¥×
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.          çç[HK1_DMP_TOP_ADRS_1]                  EQ          07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]                  EQ          2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]                   EQ          3
0215 C.          çç[HK1_DMP_REPEAT_NUM]                  EQ          0
0216 C.          çç[HK1_DMA_DMP_PIM]                     EQ          DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC          (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]                      EQ          7
0220 C.          çç[HK1_PKT_GEN_TIME]                     EQ          0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]                   EQ          32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]                   EQ          4M
0223 C.          çç[HK1_DMP_CHK_FLG]                      EQ          EXEC
0224 C.
0225 C. ¥Ä¥Ö¥×½ªî»õ³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]                      EQ          NON
0227 C.
0228 C. RAM ID=TI_TBLñî¼è¹ç·è²ìOKõ³îç§
0229 C.
0230 C. DHU¥ã;¼¥É;È¼¥¼. ¥ì;¼¥È;Èõðîãñ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC          (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]                      EQ          2
0234 C.          çç[HK1_PKT_GEN_TIME]                     EQ          0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]                   EQ          32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]                   EQ          4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2017-06-20 10:28:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC          (21 02)
0247 +. TI 2017-06-20 10:28:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC          (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]                      EQ          2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C. *****
0255 C. SOT TI command set
0256 C. *****
0257 C. Execute, after the success of OP upload.
0258 +. TI 2017-06-20 10:28:16.0
0259 DC 07-F0 MDP_SOT_MODE_STBY
0260 BC          (41)
0261 C. -----
0262 C.          HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0263 C. -----
0264 C. ***** SOT END *****
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2017-06-20 10:28:00.0
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 ´ûÃîãî»ö¼ÝõÈÄðñ¹èDCBC·x²è *****
0276 C. (¼ã°îî¥Ä¥È¥¥¥¥Ä¥ç¥èè¾¼õ¾Ä»Ûñ¹è)
0277 C. S. DC-BC dcbc-402:DCBC
0278 C. (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ¥Ð¥¹·İ Daily±çîñõÈ´Øñ¹èDCBC·x²è *****
0282 C. S. DC-BC dcbc-153:DCBC
0283 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOS¥Ä¥§¥Ä¥-¼Ä»Û;ã
0287 C.
0288 C. ***** LOS *****
0289 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-678 2017-06-20 12:33:19 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èõ¿ðÁá•µ°Æ»Í×ÁÇõÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈÈ¼°ÇÔõ•õ¿¼í¹çõÍ;çÁ®, ùõ¹õÈõðõÇÁ+¿®õ•õÉõõõ³õÈ;é
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 = 3031558.7 +- 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 1m57s
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 2017-06-20 10:28:50.0
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 `ûÁÎõÍ»õ¼YõÈÁðõ¹õÈDCBC•×²è *****
0081 C. (¼á°íYÓYÁYÈYÞYÈYáYçYÈõÈ¼¾õõ¼Á»Ûõ¹õÈ)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** YDÝ¹•Ĭ Daily±¿ĬÑõÈ`Øõ¹õÈDCBC•×²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 C. ;ãLOS¥ÁY$YÁY~¼Á»Û;ã
0092 C.
0093 . C. ***** LOS *****
0094 C.
```



```

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 2017-06-20 10:28:18.0
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_CTRL_MANU
0136 BC (c1)
0137 + DC 07-F0 MDP_XRT_MODE_STBY
0138 BC (c3)
0139 . C. ----- Success Verify ? OK / NG____
0140 C.
0141 C. XRT Obs. Table Upload
0142 . S. RAM ram-291:MDP_OBS_X
0143 ( )
0144 C.
0145 +. DC 07-F0 MDP_DUMP_XRTTBL
0146 BC (84 07 00 00 00 3a d4)
0147 . C. ----- Comparison Check ? OK / ERR ____
0148 C.
0149 C.
0150 +. DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 01 b1 b1 04 04)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 02 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 03 b1 b1 08 08)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 04 b1 b1 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 05 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 06 85 83 06 06)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 07 85 83 08 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 08 80 80 08 08)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 09 80 80 20 20)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0a 80 80 20 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0b 80 80 08 20)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0c 80 60 20 18)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 0d a0 80 18 20)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 0f 80 80 06 06)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 10 80 80 08 08)
0180 + DC 07-F0 MDP_XRT_FLD_ENA
0181 BC (d8)
0182 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0183 BC (c8)
0184 + DC 07-F0 MDP_XRT_ARS_DIS
0185 BC (d5)
0186 +. DC 07-F0 MDP_XRT_AEC_RESET
0187 BC (d0)
0188 +. DC 07-F0 MDP_XRT_FLD_RESET
0189 BC (da)
0190 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0191 BC (c4 10)
0192 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0193 BC (c5 0d)

```



```
0194 . C. ----- Success Verify ?          OK / NG ____
0195 C.
0196 C.
0197 . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0198 C.
0199 +. DC 07-F0 MDP_XRT_MODE_OBSV
0200 BC          (c2)
0201 +. TI 2017-06-20 10:28:02.0
0202 DC 07-F0 MDP_XRT_MODE_OBSV
0203 BC          (c2)
0204 . C. ----- Success Verify ?          OK / NG ____
0205 C.
0206 C. ***** XRT END *****
0207 C.
0208 . C. ***** MDP 'úÃîσî»ö¼ÝσĚÂĐσ¹σĚDCBC•x²è *****
0209 C. (¼ã°îÝÓÝÄÝĚÞÝĚÝÄÝŸŸĚσĚĚ¼σσ¼Ā»Ûσ¹σĚ)
0210 . S. DC-BC dcbc-402:DCBC
0211 (MDP_known_event)
0212 C.
0213 C.
0214 . C. ***** ÝĐÝ¹•İ Daily±¿İÑσĚ'Øσ¹σĚDCBC•x²è *****
0215 . S. DC-BC dcbc-153:DCBC
0216 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0217 C.
0218 C.
0219 . C. ;ãLOSÝÄÝ$ÝĀÝ⁻¼Ā»Û;ã
0220 C.
0221 . C. ***** LOS *****
0222 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-680 2017-06-20 12:33:19 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀY$;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿²Á²•µ°Æ»Í×ÁÇ²ÍYçYÁY×Yí;¼YÉ;ÈÈè¼µ•ííÉ;ÈÈÈ¼°ÇÓ²•²¿¼i¹ç²Í;çÀ®, ù²¹²è²²²çÁ+¿®²•²È²²²³²È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP `úÁÍ²Í»ò¼Y²ÈÁ²²¹²èDCBC•x²è *****
0016 C. (¼á°íYÓYÁYÈY²YÈYáYçYè²²¼²²¼Á»Û²¹²è)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** YD¥¹•İ Daily+¿ÍÑ²È´Ø²¹²èDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

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*** OP Sequence for XRT ***

2017/06/20	10:38:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	10:38:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	10:38:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/20	10:39:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 00 00 ac cd		
2017/06/20	10:39:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/20	10:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/20	10:39:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/20	10:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/20	10:39:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/20	10:41:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/20	10:41:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2017/06/20	10:41:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/20	10:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/20	10:57:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	10:57:26.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	10:57:28.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/20	10:57:30.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 d6 67		
2017/06/20	10:57:48.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/20	10:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/20	10:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/20	10:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/20	10:57:56.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/20	11:00:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2017/06/20	11:00:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/20	11:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/20	11:13:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	11:13:26.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	11:13:28.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/20	11:13:30.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2017/06/20	11:13:48.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/20	11:13:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/20	11:13:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/20	11:13:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/20	11:13:56.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/20	11:16:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2017/06/20	11:16:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/20	11:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/20	11:29:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	11:29:26.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/20	11:29:28.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/20	11:29:30.0	AOCS_Ore-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 00 00 29 99		
2017/06/20	11:29:48.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/20	11:29:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/20	11:29:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/20	11:29:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/20	11:29:56.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		

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2017/06/20	11:32:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2017/06/20	11:32:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/20	11:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/20	11:49:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	11:49:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/20	11:49:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/20	11:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/20	12:19:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	12:19:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	12:19:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/20	12:19:30.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	00	00	53	33
2017/06/20	12:19:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/20	12:19:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/20	12:19:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/20	12:19:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/20	12:19:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/20	12:22:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2017/06/20	12:22:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/20	12:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/20	12:35:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	12:35:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	12:35:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/20	12:35:30.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	d6	36	b7	8e
2017/06/20	12:35:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/20	12:35:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/20	12:35:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/20	12:35:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/20	12:35:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/20	12:38:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2017/06/20	12:38:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/20	12:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/20	12:45:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	12:45:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	12:45:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/20	12:45:30.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	b4	b5	db	75
2017/06/20	12:45:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/20	12:45:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/20	12:45:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/20	12:45:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/20	12:45:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/20	12:48:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2017/06/20	12:48:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/20	12:48:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/20	13:01:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	13:01:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/20	13:01:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/20	13:01:30.0	AOCS_Ore-point_Start_8_OG [0x09e]							

2017/06/20	13:01:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	ac	5b	00	00
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2017/06/20	13:01:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2017/06/20	13:01:52.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2017/06/20	13:01:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2017/06/20	13:01:56.0	XRT_FLD_RESET_433_OG [0x1b1]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2017/06/20	13:04:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	0b		
2017/06/20	13:04:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0		c5	0d		
2017/06/20	13:04:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2017/06/20	13:28:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2017/06/20	13:28:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2017/06/20	13:28:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]								
			MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2017/06/20	13:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2017/06/20	13:57:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2017/06/20	13:57:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2017/06/20	13:57:58.0	XRT_FOCUS_POSITION_403_OG [0x193]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/20	13:58:00.0	AOCS_OrE-point_Start_9_OG [0x09f]								
			AOCU_NM	5	02-76	00	b4	b5	24	8b
2017/06/20	13:58:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2017/06/20	13:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2017/06/20	13:58:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2017/06/20	13:58:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2017/06/20	13:58:26.0	XRT_FLD_RESET_433_OG [0x1b1]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2017/06/20	14:00:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	0b		
2017/06/20	14:00:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0		c5	0d		
2017/06/20	14:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2017/06/20	14:13:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2017/06/20	14:13:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2017/06/20	14:13:58.0	XRT_FOCUS_POSITION_403_OG [0x193]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/20	14:14:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]								
			AOCU_NM	5	02-76	00	d6	36	48	72
2017/06/20	14:14:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2017/06/20	14:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2017/06/20	14:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2017/06/20	14:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2017/06/20	14:14:26.0	XRT_FLD_RESET_433_OG [0x1b1]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2017/06/20	14:16:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	0b		
2017/06/20	14:16:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0		c5	0d		
2017/06/20	14:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2017/06/20	14:23:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2017/06/20	14:23:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0		c1			
2017/06/20	14:23:58.0	XRT_FOCUS_POSITION_403_OG [0x193]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/20	14:24:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]								
			AOCU_NM	5	02-76	00	29	ca	b7	8e
2017/06/20	14:24:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0		d8			
2017/06/20	14:24:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2017/06/20	14:24:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0		d0			
2017/06/20	14:24:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0		d5			
2017/06/20	14:24:26.0	XRT_FLD_RESET_433_OG [0x1b1]								
			MDP_XRT_FLD_RESET	1	07-F0		da			
2017/06/20	14:26:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]								
			MDP_XRT_QT_PROG_SET	2	07-F0		c4	0b		

2017/06/20	14:26:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/20	14:27:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	14:33:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	14:33:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	14:33:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2017/06/20	14:34:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]						
		AOCU_NM	5	02-76	00	4b	4b	db 75
2017/06/20	14:34:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/20	14:34:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/20	14:34:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/20	14:34:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/20	14:34:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	14:36:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2017/06/20	14:36:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/20	14:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	14:49:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	14:49:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	14:49:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2017/06/20	14:50:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]						
		AOCU_NM	5	02-76	00	53	a5	00 00
2017/06/20	14:50:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/20	14:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/20	14:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/20	14:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/20	14:50:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	14:52:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2017/06/20	14:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/20	14:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	15:06:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	15:06:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	15:06:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/20	15:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/20	15:42:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/20	15:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	15:48:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	15:48:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	15:48:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/20	15:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/20	15:52:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/20	15:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	15:57:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	15:57:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	15:57:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2017/06/20	15:58:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]						
		AOCU_NM	5	02-76	00	4b	4b	24 8b
2017/06/20	15:58:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/20	15:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/20	15:58:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/20	15:58:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/20	15:58:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	16:00:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]						

2017/06/20	16:00:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/06/20	16:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/20	16:13:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	16:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	16:13:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2017/06/20	16:14:00.0	AOCS_Ore-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	29 db 48 72
2017/06/20	16:14:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/20	16:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/20	16:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/20	16:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/20	16:14:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/20	16:16:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2017/06/20	16:16:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/06/20	16:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/20	16:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	16:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	16:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2017/06/20	16:30:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04	00 00 00 00
2017/06/20	16:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/20	16:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/20	16:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/20	16:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/20	16:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/20	16:32:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
2017/06/20	16:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/06/20	16:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/20	16:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	16:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/20	16:44:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/20	16:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/20	17:28:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/20	17:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/20	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2017/06/20	18:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00
2017/06/20	18:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/06/20	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/06/20	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/20	18:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2017/06/20	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/20	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/20	18:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2017/06/20	18:10:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	02	00 00 00 00
2017/06/20	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/20	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					

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2017/06/20	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/20	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/20	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	18:12:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2017/06/20	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/20	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	18:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	18:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	18:23:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/20	18:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/20	19:05:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/20	19:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	20:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	20:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	20:01:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/20	20:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/20	20:42:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/20	20:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	21:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	21:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	21:39:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/20	21:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/20	22:19:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/20	22:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	23:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	23:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	23:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2017/06/20	23:10:00.0	AOCs_OrE-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04	00 00 00 00		
2017/06/20	23:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/20	23:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/20	23:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/20	23:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/20	23:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	23:12:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c		
2017/06/20	23:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/20	23:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/20	23:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/20	23:18:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/20	23:18:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/20	23:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/20	23:48:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/20	23:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	00:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	00:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/21	00:56:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/21	00:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/21	01:26:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/21	01:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	02:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							

2017/06/21	02:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	02:33:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/21	02:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/21	03:05:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/21	03:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	04:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	04:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/21	04:00:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/21	04:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/21	04:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	04:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	05:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	05:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	05:41:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/21	05:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/21	06:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/21	06:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	06:27:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	06:27:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	06:27:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	06:27:30.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2017/06/21	06:27:48.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00 00 00 00 00			
2017/06/21	06:30:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2017/06/21	06:30:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/06/21	06:30:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/21	06:30:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
2017/06/21	06:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	06:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	06:37:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	06:37:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2017/06/21	06:37:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00			
2017/06/21	06:37:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/21	06:37:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/21	06:37:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/21	06:37:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/21	06:40:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/21	06:40:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c			
2017/06/21	06:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2017/06/21	07:21:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	07:21:02.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	07:21:04.5	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/21	07:24:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/21	08:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/21	08:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	09:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/21	09:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/21	09:00:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/21	09:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/21			MDP_XRT_PREFLR_STOP	1	07-F0	e9			

2017/06/21	09:38:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/21	09:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/21	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/06/21	10:00:00.0	AOCS_OrE-point_Start_18_OG [0x0a8]			
		AOCU_NM	5	02-76	00 b5 69 01 58
2017/06/21	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/21	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/21	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/21	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/21	10:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/21	10:02:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2017/06/21	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/21	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/21	10:42:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	10:42:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/21	10:42:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/21	10:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/21	11:16:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/21	11:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/21	12:25:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	12:25:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/21	12:25:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/21	12:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/21	12:55:00.0	XRT_Custom_430_OG [0x1ae]			
2017/06/21	12:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/21	14:03:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	14:03:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/21	14:03:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/21	14:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/21	14:37:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/21	14:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/21	15:41:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	15:41:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/21	15:41:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/21	15:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/21	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/21	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/06/21	16:00:00.0	AOCS_OrE-point_Start_16_OG [0x0a6]			
		AOCU_NM	5	02-76	04 00 00 00 00
2017/06/21	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/21	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/21	16:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/21	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/21	16:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/21	16:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2017/06/21	16:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/21	16:27:00.0	XRT_Custom_430_OG [0x1ae]			
2017/06/21	16:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0

2017/06/21	17:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	17:20:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/21	17:20:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/21	17:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/21	18:03:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	18:03:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	18:03:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/21	18:03:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2017/06/21	18:03:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/06/21	18:06:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/06/21	18:06:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/21	18:06:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2017/06/21	18:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/21	18:13:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	18:13:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	18:13:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/06/21	18:13:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04 00 00 00 00		
2017/06/21	18:13:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/21	18:13:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/21	18:13:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/21	18:13:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/21	18:13:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/21	18:16:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2017/06/21	18:16:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/21	18:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/21	18:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	18:58:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/21	18:58:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/21	19:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/21	19:40:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/21	19:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/21	20:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	20:36:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/21	20:36:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/21	20:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/21	21:17:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/21	21:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/21	22:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	22:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/21	22:15:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/21	22:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/21	22:53:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/21	22:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/21	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/21	22:59:58.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]	XRT_FOCUS_RECAL	2	07-F8	78 00		
2017/06/21	23:00:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	02 00 00 00 00		
2017/06/21	23:03:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		

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2017/06/21	23:04:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/21	23:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/21	23:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/21	23:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/21	23:04:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/21	23:06:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2017/06/21	23:06:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/06/21	23:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/21	23:53:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/21	23:53:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/21	23:53:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/21	23:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/22	00:23:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/22	00:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/22	01:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/22	01:32:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/22	01:32:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/22	01:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/22	02:02:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/22	02:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/22	03:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/22	03:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/22	03:07:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/22	03:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/22	03:40:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/22	03:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/22	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/22	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/22	03:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/06/22	04:00:00.0	AOCS_OrE-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2017/06/22	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/22	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/22	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/22	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/22	04:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/22	04:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2017/06/22	04:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/06/22	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/22	04:36:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/22	04:36:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/22	04:36:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/22	04:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/22	05:18:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/22	05:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/22	05:49:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/22	05:49:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/22	05:49:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/06/22	05:49:30.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/06/22	05:49:48.0	XRT_FLD_DIS_425_OG [0x1a9]							

2017/06/22	05:52:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/06/22	05:52:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/06/22	05:52:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/22	05:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2017/06/22	05:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	05:59:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	05:59:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	05:59:30.0	AOCS_OrE-point_Start_17_OG [0x0a7]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/06/22	05:59:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 00 00 00 00
2017/06/22	05:59:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/22	05:59:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/22	05:59:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/22	05:59:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/22	06:02:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	06:02:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2017/06/22	06:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/22	06:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	06:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	06:17:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	06:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/22	06:57:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/22	06:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/22	07:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	07:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	07:57:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	08:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/22	08:35:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/22	08:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/22	09:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	09:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	09:37:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	09:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/22	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/22	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	10:00:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/06/22	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 57 33 01 58
2017/06/22	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/22	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/22	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/22	10:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/22	10:02:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2017/06/22	10:14:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/22	10:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/22	11:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	11:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	11:22:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da

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2017/06/22	11:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/22	11:52:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/22	11:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/22	13:00:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	13:00:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/22	13:00:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/22	13:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/22	13:30:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/22	13:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/22	14:38:30.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	14:38:32.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/22	14:38:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/22	14:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/22	15:15:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/22	15:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/22	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/06/22	16:00:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]						
			AOCU_NM	5	02-76	04 00 00 00 00		
2017/06/22	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/22	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/22	16:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/22	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/22	16:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/22	16:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2017/06/22	16:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/22	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/22	16:17:00.0	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	16:17:02.0	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/22	16:17:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/22	16:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/22	17:01:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/22	17:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/22	17:40:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	17:40:56.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	17:40:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/22	17:41:00.0	AOCS_Ore-point_Start_3_OG [0x099]						
			AOCU_NM	5	02-76	00 00 00 00 00		
2017/06/22	17:41:18.0	XRT_FLD_DIS_425_OG [0x1a9]						
			MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/06/22	17:43:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/06/22	17:43:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/22	17:43:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2017/06/22	17:44:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/22	17:50:54.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	17:50:56.0	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/22	17:50:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/06/22	17:51:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]						
			AOCU_NM	5	02-76	04 00 00 00 00		
2017/06/22	17:51:18.0	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/22	17:51:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		

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2017/06/22	17:51:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/22	17:51:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/22	17:51:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	17:53:56.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2017/06/22	17:53:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/22	17:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	17:55:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	17:55:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	17:55:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/22	17:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/22	18:38:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/22	18:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	19:34:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	19:34:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	19:34:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/22	19:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/22	20:15:00.0	XRT_Custom_430_OG [0x1ae]			
2017/06/22	20:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	21:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	21:12:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	21:12:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/22	21:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/22	21:52:00.0	XRT_Custom_430_OG [0x1ae]			
2017/06/22	21:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/22	22:50:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/22	22:50:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/22	22:50:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/22	22:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/22	23:26:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/22	23:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/23	00:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/23	00:29:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/23	00:29:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/23	00:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/23	00:59:00.0	XRT_Custom_430_OG [0x1ae]			
2017/06/23	01:00:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/23	02:06:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/23	02:06:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/23	02:06:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/23	02:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/23	02:37:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/23	02:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/23	03:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/23	03:41:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/23	03:41:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/23	03:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/23	04:16:00.0	XRT_Custom_430_OG [0x1ae]			
2017/06/23	04:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/23	05:13:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/23	05:13:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da

2017/06/23	05:13:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/23	05:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/23	05:54:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/23	05:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/23	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/06/23	06:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2017/06/23	06:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/06/23	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/06/23	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/23	06:02:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2017/06/23	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/23	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/06/23	06:10:00.0	AOCS_OrE-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04 00 00 00 00	
2017/06/23	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/23	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/23	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/23	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/23	06:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/23	06:12:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2017/06/23	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/06/23	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/23	06:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	06:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/23	06:53:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/23	06:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/23	07:32:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/23	07:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/23	08:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	08:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/23	08:33:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/23	08:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/23	09:11:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/23	09:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/23	10:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	10:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/23	10:13:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/23	10:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/23	10:49:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/23	10:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/23	11:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/23	11:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/23	11:57:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/23	12:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/23	12:27:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/23	12:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2017/06/23	13:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	13:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/23	13:36:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/23	13:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/23	14:06:00.0	XRT_Custom_430_OG [0x1ae]								
2017/06/23	14:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/23	15:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	15:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/23	15:14:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/23	15:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/23	15:51:00.0	XRT_Custom_430_OG [0x1ae]								
2017/06/23	15:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/23	15:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	15:53:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/23	15:53:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/23	15:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/23	16:00:00.0	XRT_Custom_430_OG [0x1ae]								
2017/06/23	16:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/23	16:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	16:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/23	16:52:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/23	16:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/23	17:36:30.0	XRT_Custom_430_OG [0x1ae]								
2017/06/23	17:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/23	17:53:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	17:53:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	17:53:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/06/23	17:53:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00				
2017/06/23	17:53:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/06/23	17:56:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/06/23	17:56:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/23	17:56:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2017/06/23	17:56:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/23	18:03:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	18:03:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	18:03:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/06/23	18:03:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04 00 00 00 00				
2017/06/23	18:03:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/23	18:03:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/23	18:03:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/23	18:03:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/23	18:03:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/23	18:06:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2017/06/23	18:06:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/06/23	18:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/23	18:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/23	18:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/23	18:31:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/23	18:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								

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2017/06/23	19:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/23	19:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/23	20:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/23	20:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/23	20:09:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/23	20:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/23	20:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/23	20:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/23	21:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/23	21:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/23	21:47:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/23	21:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/23	22:26:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/23	22:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/23	23:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/23	23:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/23	23:26:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/23	23:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/23	23:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/23	23:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/24	01:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/24	01:04:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	01:04:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/24	01:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/24	01:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/24	01:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/24	02:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/24	02:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	02:40:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/24	02:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/24	03:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/24	03:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/24	04:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/24	04:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	04:08:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/24	04:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/24	04:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/24	04:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/24	05:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/24	05:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	05:49:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/24	05:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/24	06:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/24	06:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2017/06/24	06:35:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/24	06:35:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	06:35:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	06:35:30.0	XRT_FOCUS_POSITION	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/06/24	06:35:48.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00 00 00 00 00
2017/06/24	06:38:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2017/06/24	06:38:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/24	06:38:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13		
2017/06/24	06:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/24	06:45:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/24	06:45:26.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/24	06:45:30.0	AOCS_ORe-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00	ad	59	00 00
2017/06/24	06:45:46.0	XRT_FLD_DIS_441_OG [0x1b9]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2017/06/24	07:00:24.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/06/24	07:00:26.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/24	07:00:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2017/06/24	07:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/24	08:45:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/24	08:45:26.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/24	08:45:30.0	AOCS_ORe-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00	00	00	56 35
2017/06/24	08:45:46.0	XRT_FLD_DIS_441_OG [0x1b9]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2017/06/24	09:00:24.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/06/24	09:00:26.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/24	09:00:28.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12		
2017/06/24	09:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/24	10:45:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/24	10:45:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/24	10:45:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/24	10:45:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04	00	00	00 00
2017/06/24	10:45:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/24	10:45:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/24	10:45:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/24	10:45:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/24	10:45:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/24	10:48:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c		
2017/06/24	10:48:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/24	10:48:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/24	10:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/24	10:51:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/24	10:51:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/24	10:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/24	11:24:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/24	11:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/24	12:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/24	12:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/24	12:33:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/24	12:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/24	13:03:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/24	13:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/24	14:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/24	14:11:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/24	14:11:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/24	14:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/24	14:46:00.0	XRT_Custom_430_OG [0x1ae]							

2017/06/24	14:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/24	15:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	15:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/24	15:49:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/24	15:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/24	16:34:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/24	16:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/24	17:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	17:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/24	17:28:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/24	17:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/24	18:11:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	18:11:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	18:11:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/24	18:11:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2017/06/24	18:11:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/06/24	18:14:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/06/24	18:14:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/24	18:14:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2017/06/24	18:14:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/24	18:21:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	18:21:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	18:21:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/06/24	18:21:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04 00 00 00 00		
2017/06/24	18:21:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/24	18:21:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/24	18:21:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/24	18:21:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/24	18:21:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/24	18:24:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2017/06/24	18:24:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/24	18:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/24	19:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	19:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/24	19:06:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/24	19:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/24	19:48:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/24	19:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/24	20:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	20:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/24	20:44:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/24	20:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/24	21:25:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/24	21:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/24	22:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/24	22:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/24	22:23:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/24	22:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		

2017/06/24	23:00:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/24	23:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/24	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/24	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/06/25	00:00:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76	00 f5 0f af 4c
2017/06/25	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/25	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/25	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/25	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/25	00:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/25	00:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2017/06/25	00:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/25	00:31:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/25	00:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/25	01:40:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/25	01:40:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/25	01:40:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/25	01:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/25	02:10:00.0	XRT_Custom_430_OG [0x1ae]			
2017/06/25	02:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/25	03:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/25	03:15:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/25	03:15:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/25	03:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/25	03:48:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/25	03:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/25	04:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/25	04:45:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/25	04:45:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/25	04:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/25	05:26:30.0	XRT_Custom_430_OG [0x1ae]			
2017/06/25	05:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/25	05:57:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/25	05:57:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/25	05:57:28.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/06/25	05:57:30.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2017/06/25	05:57:48.0	XRT_FLD_DIS_425_OG [0x1a9]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2017/06/25	06:00:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/06/25	06:00:26.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/25	06:00:28.0	XRT_QT_PROG_SET_414_OG [0x19e]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/06/25	06:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/25	06:07:30.0	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76	00 f5 0f af 4c
2017/06/25	06:07:30.5	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/25	06:07:32.0	XRT_TCIB_XRT_S_HTR_A_ENA_426_OG [0x1aa]			
		TCIB_XRT_S_HTR_A_ENA	0	04-BC	
2017/06/26	06:08:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2017/06/26	06:18:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76	00 f5 0f af 4c
2017/06/26	21:00:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]			
		AOCU_NM	5	02-76	03 00 00 00 00
2017/06/27	04:00:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76	00 f5 0f af 4c

2017/06/27	05:30:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5 02-76 00 00 00 00 00
2017/06/27	06:10:00.0	AOCS_ORe-point_Start_22_OG [0x0ac] AOCU_NM	5 02-76 00 f5 0f af 4c
2017/06/27	10:56:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5 02-76 00 00 00 00 00