

XRT Timeline to be uploaded on 2018/07/10

Period: 2018/07/10 10:52:00 - 2018/07/14 10:31:00

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Normal mode

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XOB #1BE9: HOP81/206 2-filter - Al/poly 16s, Al/mesh 12s 30s cadence, G-band - 384x384 1ms													
Term	Pointing (x, y)							Comment					
07/10 11:39:30 - 07/10 17:24:54	Fixed (-18.0, -976.0)							# OP start + 10min HOP 81 Polar monitoring Campaign					
PROG= 15 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 16 2-time(s) 2.0sec													
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec													
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 90 1-time(s) 30.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec													
└─ Subr= 3 60-time(s) 2.0sec													
└─ Seqn= 39 1-time(s) 30.0sec													
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 11.3s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec													
└─ Al-poly/Open Al-poly/Open close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec													
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval													

XOB #1B8B: Synoptic Q95 2x2 - Al/mesh(64/512/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T													
Term	Pointing (x, y)							Comment					
07/10 17:28:00 - 07/10 17:39:30	Fixed (0.0, 0.0)							synoptic + stray light measurement, shifted -35 min					
07/11 05:57:30 - 07/11 06:04:24	Fixed (0.0, 0.0)							synoptic, shifted -5.5 min					
07/11 18:03:00 - 07/11 18:15:00	Fixed (0.0, 0.0)							synoptic + stray light monitor					
PROG= 02 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 5 1-time(s) 2.0sec													
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec													
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec													
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec													
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec													
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec													
└─ Seqn= 27 1-time(s) 2.0sec													
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Open/Al-mesh Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Seqn= 99 1-time(s) 2.0sec													
└─ Al-poly/Open Al-poly/Open close Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Al-poly/Open Al-poly/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Al-poly/Open Al-poly/thick-Al close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Seqn= 85 1-time(s) 2.0sec													
└─ thin-Be/Open thin-Be/Open close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ thin-Be/Open thin-Be/Open close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ thin-Be/Open thin-Be/Open close Safe Norm 16.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
└─ Seqn= 23 1-time(s) 2.0sec													
└─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec													
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval													

XOB #1C02: Stray light study 2018-8 ;Al-mesh and Al-poly, 2x2 full FOV(1min-cad) and 1x1 384 on AR(10sec-cad)													
Term	Pointing (x, y)							Comment					
07/10 17:42:00 - 07/10 17:49:54	Fixed (0.0, 0.0)							synoptic + stray light measurement, shifted -35 min					
PROG= 04 1-time(s)													
└─ Subr= 2 15-time(s) 2.0sec													
└─ Seqn= 79 1-time(s) 10.0sec													
└─ Open/Al-mesh Open/thick-Al close Safe Norm 2.83s Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec													
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec													
└─ Subr= 3 7-time(s) 2.0sec													
└─ Seqn= 61 1-time(s) 2.0sec													
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) DPCM 0 0 2.0sec													
└─ Al-poly/Open Al-poly/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) DPCM 0 0 2.0sec													
└─ Seqn= 79 3-time(s) 10.0sec													
└─ Open/Al-mesh Open/thick-Al close Safe Norm 2.83s Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec													
└─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (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 #1B94: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 180s cad (G-band/Leak first)													
Term	Pointing (x, y)							Comment					
07/10 18:25:30 - 07/10 18:45:54	Fixed (936.0, 0.0)							HOP 130 Full Disk Slot Scans (1/15)					
07/10 18:49:00 - 07/10 19:01:54	Fixed (468.0, 0.0)							HOP 130 (2/15)					
07/10 20:10:00 - 07/10 20:22:54	Fixed (-468.0, 0.0)							HOP 130 (4/15)					
07/10 20:26:00 - 07/10 20:38:54	Fixed (-936.0, 0.0)							HOP 130 (5/15)					
07/10 20:42:00 - 07/10 21:44:24	Fixed (815.0, 470.0)							HOP 130 (6/15)					
07/10 21:47:30 - 07/10 22:00:24	Fixed (411.0, 847.0)							HOP 130 (7/15)					

07/10 22:03:30 - 07/10 22:16:24	Fixed (0.0, 941.0)	HOP 130 (8/15)
07/10 22:19:30 - 07/10 23:19:24	Fixed (-411.0, 847.0)	HOP 130 (9/15)
07/10 23:22:30 - 07/10 23:29:24	Fixed (-815.0, 470.0)	HOP 130 (10/15)
07/10 23:32:30 - 07/10 23:39:24	Fixed (815.0, -470.0)	HOP 130 (11/15)
07/10 23:42:30 - 07/10 23:55:24	Fixed (411.0, -847.0)	HOP 130 (12/15)
07/10 23:58:30 - 07/11 00:16:00	Fixed (0.0, -941.0)	HOP 130 (13/15)
07/11 00:48:00 - 07/11 01:00:54	Fixed (-411.0, -847.0)	HOP 130 (14/15)
07/11 01:04:00 - 07/11 01:14:54	Fixed (-815.0, -471.0)	HOP 130 (15/15)
07/11 06:07:30 - 07/11 09:39:54	Fixed (882.0, -256.0)	off-limb observation

PROG= 11 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 30 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 20-time(s) 180.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BE2: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band+Leak - 90min cad) +

Term	Pointing (x, y)	Comment
07/10 19:05:00 - 07/10 20:06:54	Fixed (0.0, 0.0)	HOP 130 (3/15)
07/12 08:03:00 - 07/12 09:45:00	Fixed (-18.0, -56.0)	HOP 321 joint obs with GREGOR

PROG= 16 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec												
Seqn= 1 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 30 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 18-time(s) 300.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BA3: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
07/11 01:18:00 - 07/11 05:54:24	Track (-719.4, -24.4) ^{Ⓜ 07/11 01:15:00}	AR obs. at E-limb
07/11 09:43:00 - 07/11 17:59:54	Track (-667.1, -28.7) ^{Ⓜ 07/11 09:40:00}	AR obs. at E-limb
07/11 19:03:00 - 07/12 00:51:30	Track (-603.9, -33.2) ^{Ⓜ 07/11 19:00:00}	AR obs. at E-limb
07/12 04:38:00 - 07/12 06:20:24	Track (-533.8, -37.4) ^{Ⓜ 07/12 04:35:00}	AR obs. at E-limb
07/12 06:33:30 - 07/12 07:59:54	Track (-519.1, -38.2) ^{Ⓜ 07/12 06:30:30}	AR obs. at E-limb

PROG= 08 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 42 3-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 32 40-time(s) 90.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	34.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	34.0sec

thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C03: Stray light study 2018-9 ; thin-Be, 2x2 full FOV(1min-cad) and 1x1 384 on DC(10sec-cad)

Term	Pointing (x, y)	Comment
07/11 18:17:30 - 07/11 18:59:54	Fixed (0.0, 0.0)	synoptic + stray light monitor
PROG= 10 1-time(s)		
Subr= 2 15-time(s) 2.0sec		
Seqn= 79 1-time(s) 10.0sec		
Open/Al-mesh	Open/thick-Al	close Safe Norm 2.83s Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec
Subr= 3 7-time(s) 2.0sec		
Seqn= 59 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) DPCM 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) DPCM 0 0 2.0sec
Seqn= 79 3-time(s) 10.0sec		
Open/Al-mesh	Open/thick-Al	close Safe Norm 2.83s Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 384x384 (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 #1BEA: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band+Leak - 45min cad) +

Term	Pointing (x, y)	Comment
07/12 01:21:30 - 07/12 03:59:00	Fixed (0.0, 0.0)	HOP 349
PROG= 03 Inf.-time(s)		
Subr= 1 1-time(s) 300.0sec		
Seqn= 1 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh	close Safe Norm 24ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 99 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open	close Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 33 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open	close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 30 1-time(s) 2.0sec		
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 18-time(s) 150.0sec		
Seqn= 8 1-time(s) 2.0sec		
thin-Be/Open	med-Be/Open	close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
thin-Be/Open	med-Be/Open	close Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Seqn= 6 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open	close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Seqn= 29 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh	close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 250ms Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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

Term	Pointing (x, y)	Comment
07/12 06:23:30 - 07/12 06:30:24	Fixed (0.0, 0.0)	synoptic, shifted 20.5 min
PROG= 18 1-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 5 1-time(s) 2.0sec		
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec
Seqn= 36 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh	close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 99 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open	close Safe Norm 44ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al	close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 33 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open	close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 11.3s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open	close Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 23 1-time(s) 4.0sec		

Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec									
Seqn= 46		1-time(s)	2.0sec									
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 17		1-time(s)	2.0sec									
med-AL/Open	med-AL/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-AL/Open	med-AL/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 25		1-time(s)	2.0sec									
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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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
07/10 11:39:30 - 07/10 17:24:54	Fixed (-18.0, -976.0)	# OP start + 10min HOP 81 Polar monitoring Campaign
07/10 18:25:30 - 07/10 18:45:54	Fixed (936.0, 0.0)	HOP 130 Full Disk Slot Scans (1/15)
07/10 18:49:00 - 07/10 19:01:54	Fixed (468.0, 0.0)	HOP 130 (2/15)
07/10 20:10:00 - 07/10 20:22:54	Fixed (-468.0, 0.0)	HOP 130 (4/15)
07/10 20:26:00 - 07/10 20:38:54	Fixed (-936.0, 0.0)	HOP 130 (5/15)
07/10 20:42:00 - 07/10 21:44:24	Fixed (815.0, 470.0)	HOP 130 (6/15)
07/10 21:47:30 - 07/10 22:00:24	Fixed (411.0, 847.0)	HOP 130 (7/15)
07/10 22:03:30 - 07/10 22:16:24	Fixed (0.0, 941.0)	HOP 130 (8/15)
07/10 22:19:30 - 07/10 23:19:24	Fixed (-411.0, 847.0)	HOP 130 (9/15)
07/10 23:22:30 - 07/10 23:29:24	Fixed (-815.0, 470.0)	HOP 130 (10/15)
07/10 23:32:30 - 07/10 23:39:24	Fixed (815.0, -470.0)	HOP 130 (11/15)
07/10 23:42:30 - 07/10 23:55:24	Fixed (411.0, -847.0)	HOP 130 (12/15)
07/10 23:58:30 - 07/11 00:16:00	Fixed (0.0, -941.0)	HOP 130 (13/15)
07/11 00:48:00 - 07/11 01:00:54	Fixed (-411.0, -847.0)	HOP 130 (14/15)
07/11 01:04:00 - 07/11 01:14:54	Fixed (-815.0, -471.0)	HOP 130 (15/15)
07/11 01:18:00 - 07/11 05:54:24	Track (-719.4, -24.4) @ 07/11 01:15:00	AR obs. at E-limb
07/11 06:07:30 - 07/11 09:39:54	Fixed (882.0, -256.0)	off-limb observation
07/11 09:43:00 - 07/11 17:59:54	Track (-667.1, -28.7) @ 07/11 09:40:00	AR obs. at E-limb
07/11 19:03:00 - 07/12 00:51:30	Track (-603.9, -33.2) @ 07/11 19:00:00	AR obs. at E-limb
07/12 01:21:30 - 07/12 03:59:00	Fixed (0.0, 0.0)	HOP 349
07/12 04:38:00 - 07/12 06:20:24	Track (-533.8, -37.4) @ 07/12 04:35:00	AR obs. at E-limb
07/12 06:33:30 - 07/12 07:59:54	Track (-519.1, -38.2) @ 07/12 06:30:30	AR obs. at E-limb
07/12 08:03:00 - 07/12 09:45:00	Fixed (-18.0, -56.0)	HOP 321 joint obs with GREGOR

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

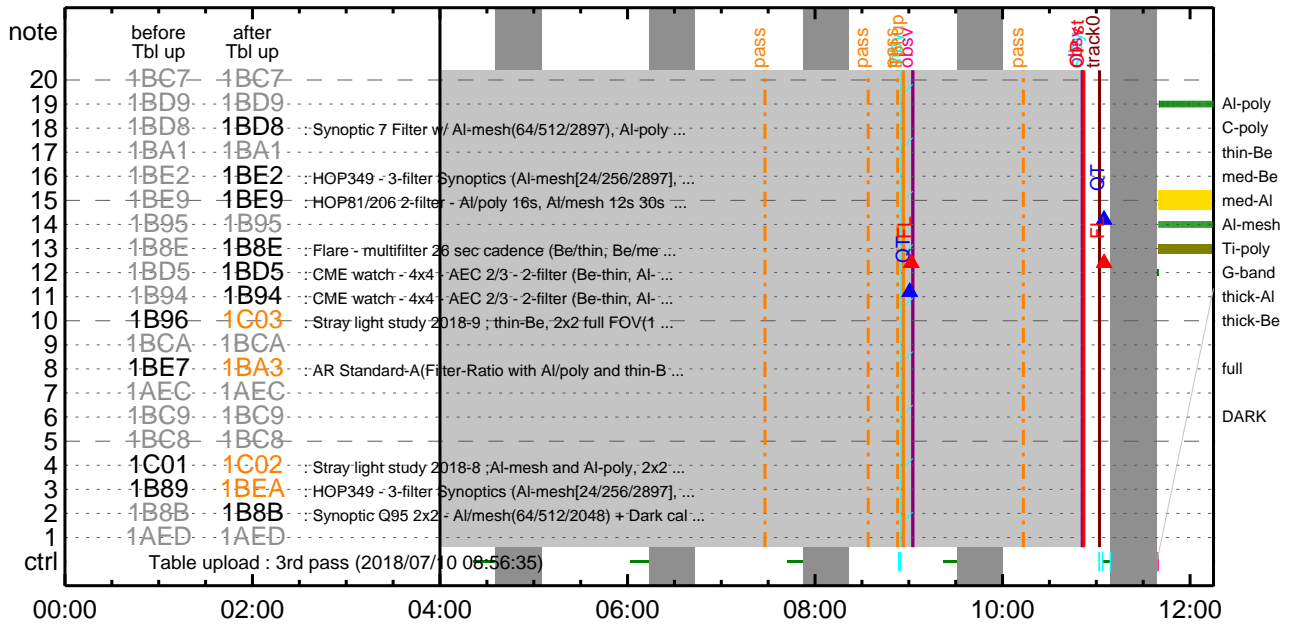
* * * * *

Flare Detection

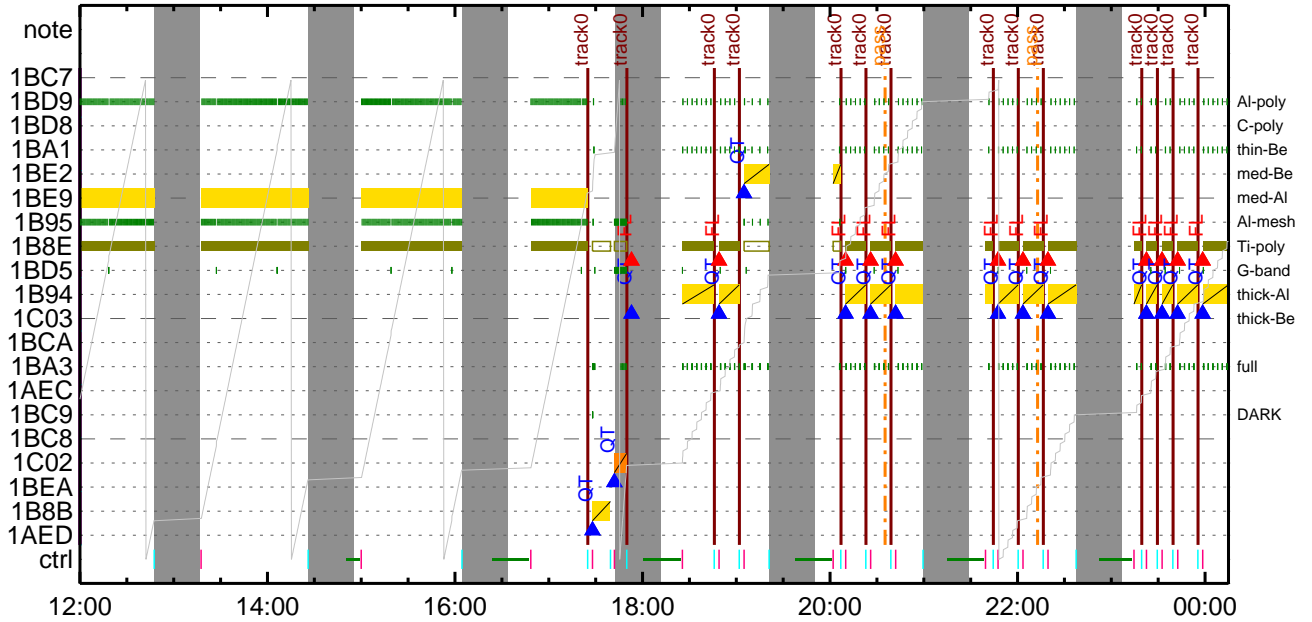
* * * * *

FLD Patrol												
Term	Pointing (x, y)	Comment										
07/10 17:50:16 - 07/10 19:02:16	Fixed (936.0, 0.0)	HOP 130 Full Disk Slot Scans (1/15)										
07/10 20:07:16 - 07/11 05:54:46	Fixed (-468.0, 0.0)	HOP 130 (4/15)										
07/11 06:04:46 - 07/11 18:00:16	Fixed (882.0, -256.0)	off-limb observation										
07/11 19:00:16 - 07/12 06:20:48	Track (-603.9, -33.2) @ 07/11 19:00:00	AR obs. at E-limb										
07/12 06:30:46 - 07/14 10:31:00	Track (-519.1, -38.2) @ 07/12 06:30:30	AR obs. at E-limb										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	8x8	Q=50	30sec			
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

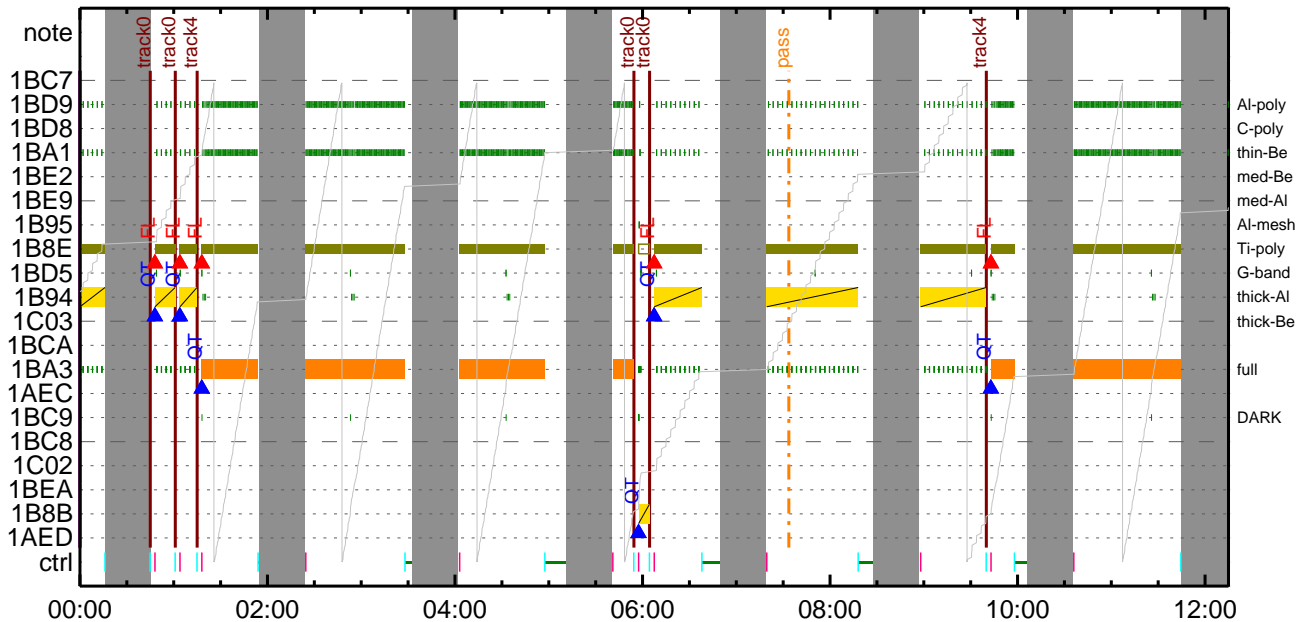
CMDI #0615 2018/07/10



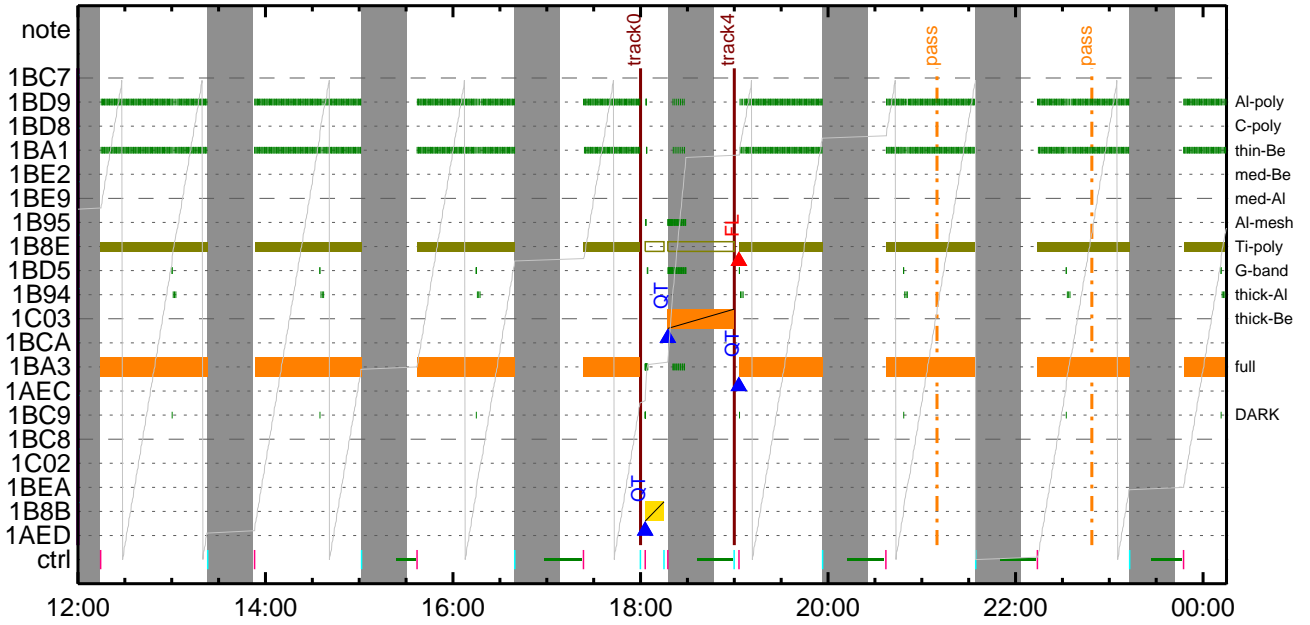
CMDI #0615 2018/07/10



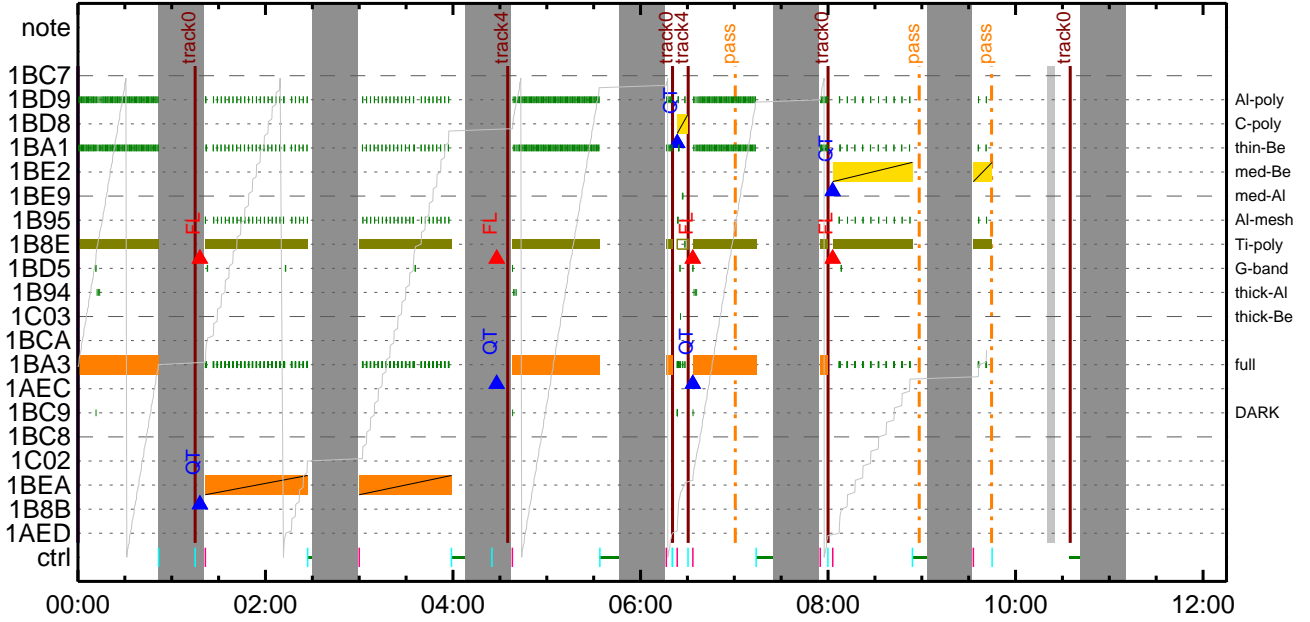
CMDI #0615 2018/07/11



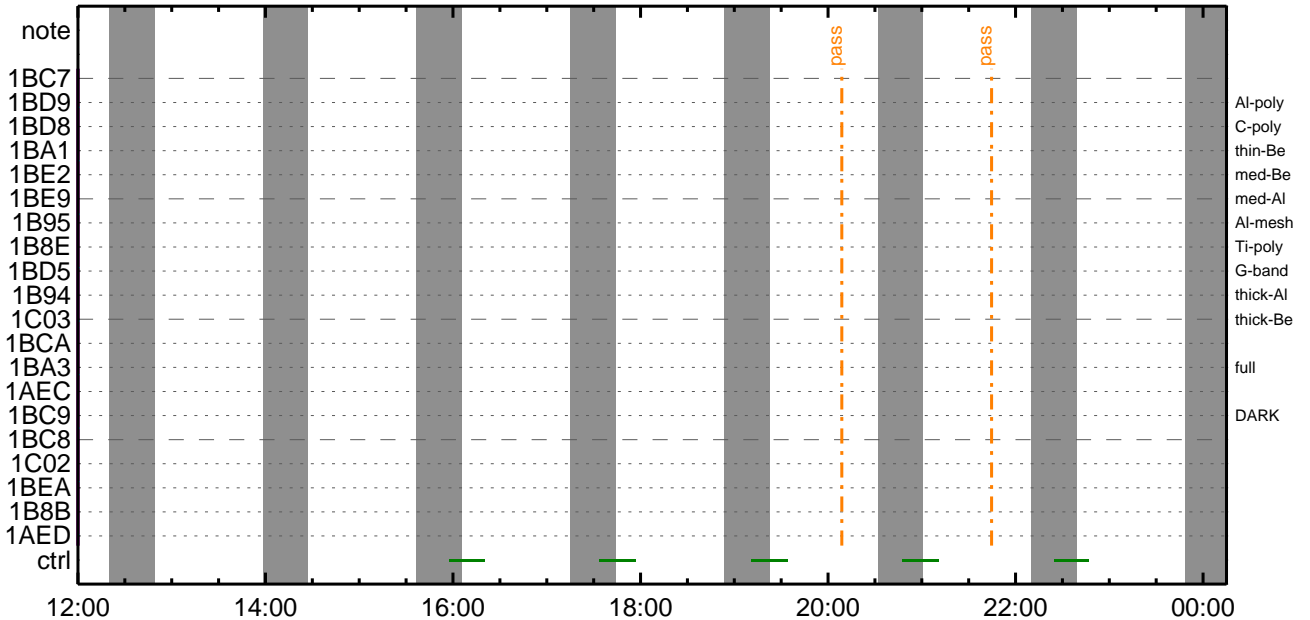
CMDI #0615 2018/07/11



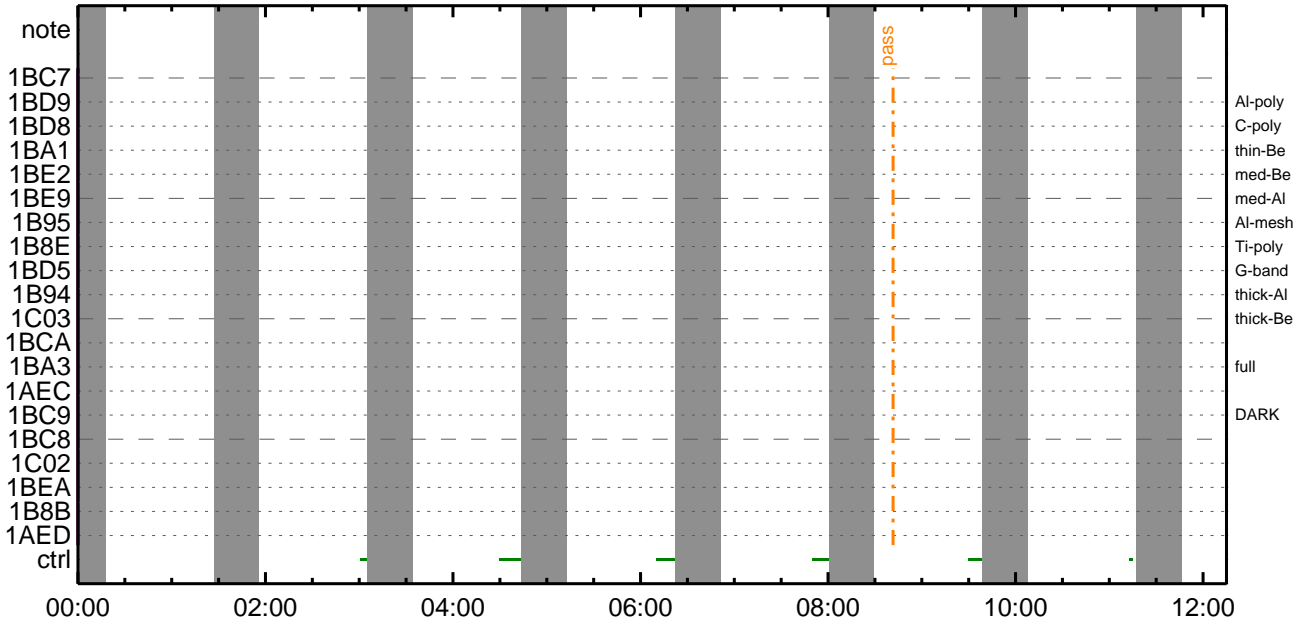
CMDI #0615 2018/07/12



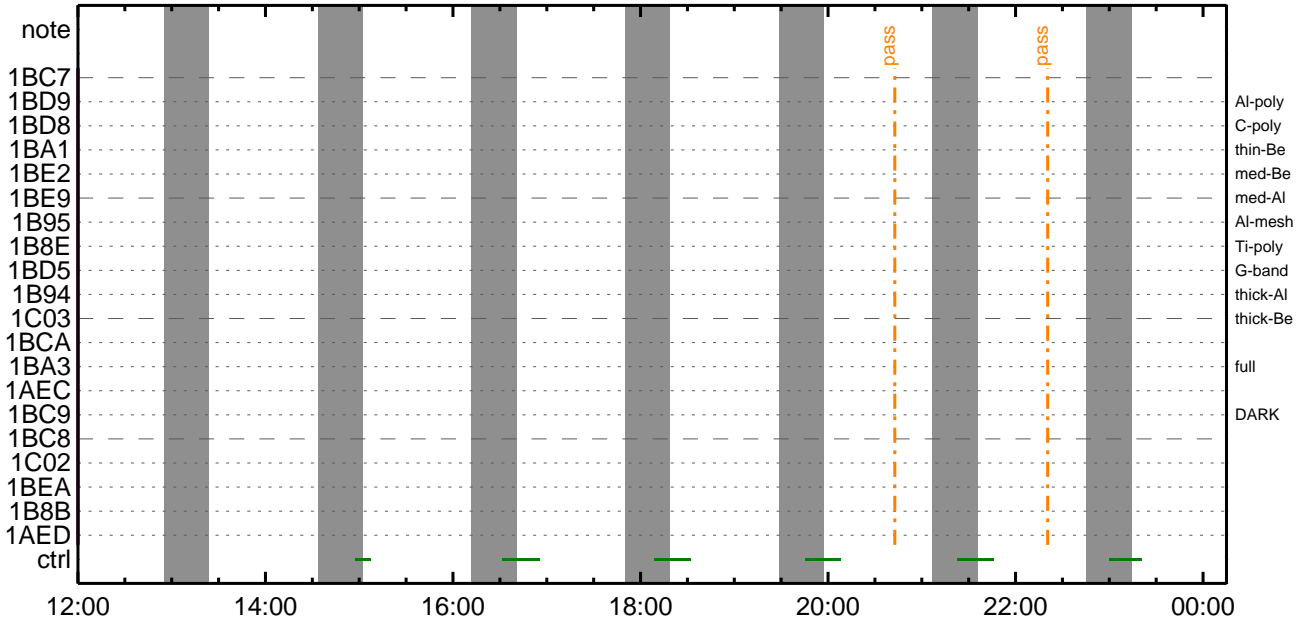
CMDI #0615 2018/07/12



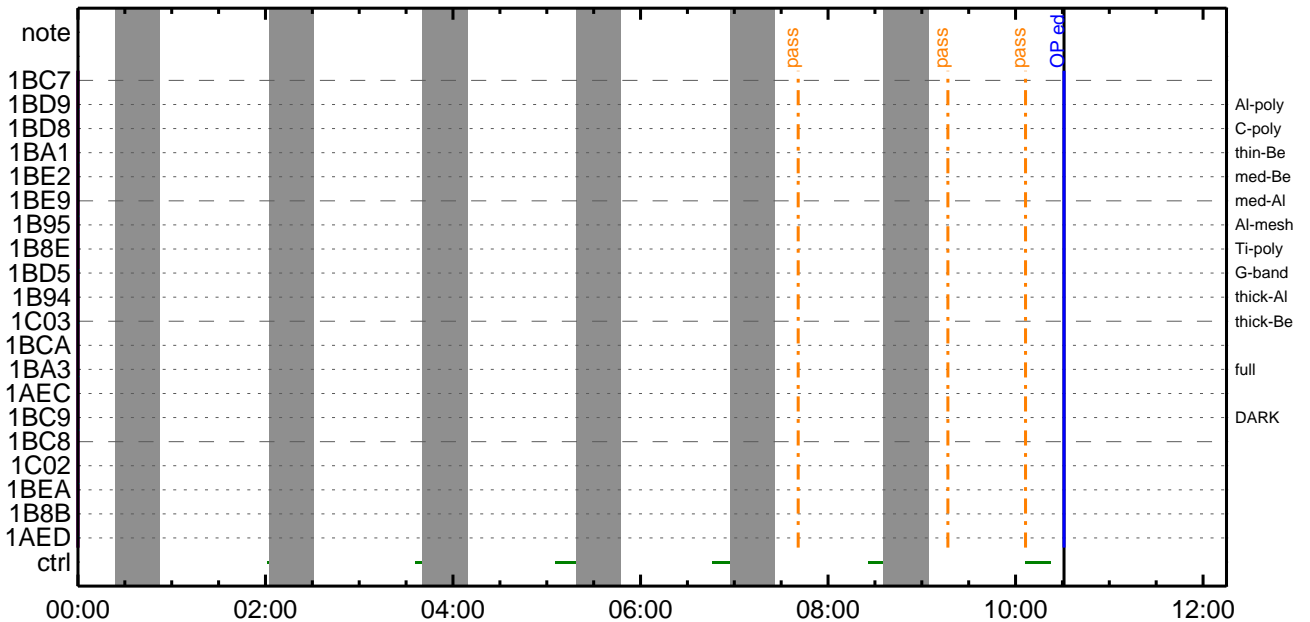
CMDI #0615 2018/07/13



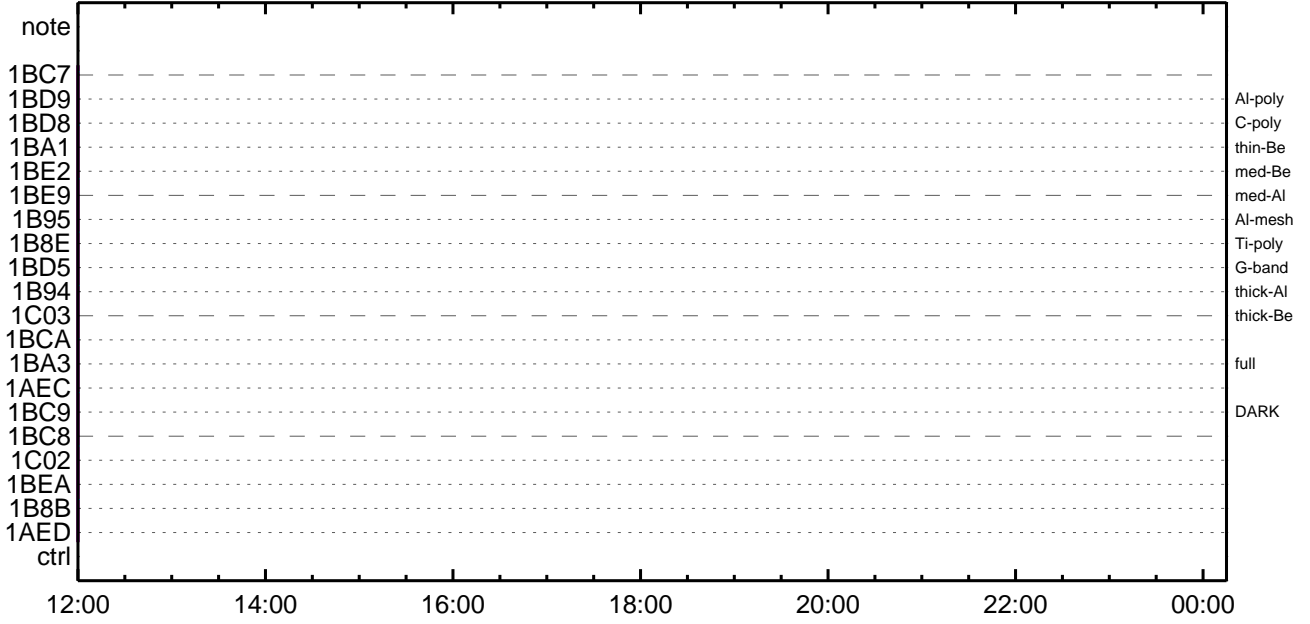
CMDI #0615 2018/07/13



CMDI #0615 2018/07/14



CMDI #0615 2018/07/14




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



```
0096 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0097 BC (c8)
0098 + DC 07-F0 MDP_XRT_ARS_DIS
0099 BC (d5)
0100 + DC 07-F0 MDP_XRT_AEC_RESET
0101 BC (d0)
0102 + DC 07-F0 MDP_XRT_FLD_RESET
0103 BC (da)
0104 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0105 BC (c4 0c)
0106 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0107 BC (c5 0d)
0108 . C. ----- Success Verify ? OK / NG ____
0109 C.
0110 C.
0111 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0112 C.
0113 +. DC 07-F0 MDP_XRT_MODE_OBSV
0114 BC (c2)
0115 +. TI 2018-07-10 10:51:02.0
0116 DC 07-F0 MDP_XRT_MODE_OBSV
0117 BC (c2)
0118 . C. ----- Success Verify ? OK / NG ____
0119 C.
0120 C. ***** XRT END *****
0121 C.
0122 . C. ***** MDP 'úÃîñî»ö¼ÝñÊÃðñ¹ñèDCBC•x²è *****
0123 C. (%ã°îÿÓÿÄÿÈÿÞÿËÿÀÿÇÿÈñ¼ññ¼Ã»Ûñ¹ñè)
0124 . S. DC-BC dcbc-402:DCBC
0125 (MDP_known_event)
0126 C.
0127 C.
0128 . C. ***** ÿÐÿ¹•Ï Daily±¿ÎññË´Øñ¹ñèDCBC•x²è *****
0129 . S. DC-BC dcbc-153:DCBC
0130 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0131 C.
0132 C.
0133 . C. ;ãLOSÿÃÿ§ÿÄÿÿ-¼Ã»Û;ã
0134 C.
0135 . C. ***** LOS *****
0136 C.
```

*** OP Sequence for XRT ***

```

2018/07/10 11:01:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 11:01:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 11:01:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2018/07/10 11:02:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 56 c0 01 99
2018/07/10 11:02:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2018/07/10 11:02:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2018/07/10 11:02:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2018/07/10 11:02:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/07/10 11:02:26.0 XRT_FLD_RESET_433_OG [0x1b1]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/07/10 11:04:00.5 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 11:04:02.5 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/07/10 11:04:04.5 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/07/10 11:04:56.0 XRT_QT_PROG_SET_416_OG [0x1a0]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0f
2018/07/10 11:04:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2018/07/10 11:07:14.5 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/07/10 11:09:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 11:09:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/07/10 11:09:04.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/07/10 11:12:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/07/10 11:38:30.0 XRT_Custom_430_OG [0x1ae]
2018/07/10 11:39:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/07/10 12:47:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 12:47:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/07/10 12:47:34.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/07/10 12:50:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/07/10 13:16:30.0 XRT_Custom_430_OG [0x1ae]
2018/07/10 13:17:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/07/10 14:26:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 14:26:02.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/07/10 14:26:04.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/07/10 14:29:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/07/10 14:59:00.5 XRT_Custom_430_OG [0x1ae]
2018/07/10 15:00:00.5 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/07/10 16:04:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 16:04:32.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2018/07/10 16:04:34.0 XRT_PREFLR_STRT_427_OG [0x1ab]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2018/07/10 16:07:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2018/07/10 16:47:30.0 XRT_Custom_430_OG [0x1ae]
2018/07/10 16:48:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/07/10 17:24:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2018/07/10 17:24:56.0 XRT_FOCUS_POSITION_403_OG [0x193]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2018/07/10 17:25:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2018/07/10 17:25:16.0 XRT_FLD_DIS_401_OG [0x191]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2018/07/10 17:25:18.0 XRT_FLRCTRL_DIS_405_OG [0x195]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2018/07/10 17:25:20.0 XRT_ARS_DIS_417_OG [0x1a1]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2018/07/10 17:27:58.0 XRT_QT_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 02
2018/07/10 17:28:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2018/07/10 17:39:30.0 XRT_CTRL_MANU_402_OG [0x192]

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2018/07/10	17:39:32.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/10	17:39:52.0	XRT_FLD_DIS_449_OG [0x1c1]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2018/07/10	17:41:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/07/10	17:41:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/07/10	17:41:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/10	17:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2018/07/10	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/10	17:49:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/10	17:50:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2018/07/10	17:50:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 00 00	ac cd	
2018/07/10	17:52:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/10	17:52:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/10	17:52:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/10	17:52:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/10	17:52:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/10	17:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2018/07/10	18:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/10	18:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0		
2018/07/10	18:45:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c1		
2018/07/10	18:45:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/10	18:46:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2018/07/10	18:46:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 00 00	d6 67	
2018/07/10	18:48:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/10	18:48:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/10	18:48:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/10	18:48:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/10	18:48:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/10	18:48:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2018/07/10	18:49:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/10	19:01:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/10	19:01:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/10	19:02:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2018/07/10	19:02:16.0	XRT_FLD_DIS_401_OG [0x191]	AOCU_NM	5	02-76	00 00 00	00 00	
2018/07/10	19:02:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/07/10	19:02:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/07/10	19:04:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/10	19:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10	
2018/07/10	19:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/10	19:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/10	19:21:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/10	19:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/10	20:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/10	20:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CUSTOM_430_OG [0x1ae]	1	07-F0	c0		
2018/07/10	20:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/10	20:06:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/10	20:07:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00	
2018/07/10	20:07:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 00 00	29 99	
			MDP_XRT_FLD_ENA	1	07-F0	d8		

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2018/07/10	20:09:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/10	20:09:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/10	20:09:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/10	20:09:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/10	20:09:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/10	20:09:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/10	20:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/10	20:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/10	20:22:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/10	20:23:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00	53 33
2018/07/10	20:23:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/10	20:25:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/10	20:25:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/10	20:25:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/10	20:25:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/10	20:25:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/10	20:25:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/10	20:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/10	20:38:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/10	20:38:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2018/07/10	20:39:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 d6 36 b7	8e
2018/07/10	20:39:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/10	20:41:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/10	20:41:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/10	20:41:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/10	20:41:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/10	20:41:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/10	20:41:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/10	20:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/10	20:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/10	20:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/10	20:59:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/10	21:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/10	21:38:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/10	21:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/10	21:44:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/10	21:44:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/10	21:44:30.0	AOCS_OrE-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 b4 b5 db	75
2018/07/10	21:44:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/10	21:47:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/10	21:47:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/10	21:47:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/10	21:47:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/10	21:47:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/10	21:47:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/10	21:47:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/10	22:00:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2018/07/10	22:00:26.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/10	22:00:30.0	AOCS_ORe-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00	ac	5b	00 00
2018/07/10	22:00:46.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0		d8		
2018/07/10	22:03:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2018/07/10	22:03:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2018/07/10	22:03:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2018/07/10	22:03:24.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0		da		
2018/07/10	22:03:26.0	XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET	2	07-F0	c4		0b	
2018/07/10	22:03:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5		0d	
2018/07/10	22:03:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2018/07/10	22:16:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2018/07/10	22:16:26.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/10	22:16:30.0	AOCS_ORe-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00	b4	b5	24 8b
2018/07/10	22:16:46.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0		d8		
2018/07/10	22:19:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2018/07/10	22:19:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2018/07/10	22:19:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2018/07/10	22:19:24.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0		da		
2018/07/10	22:19:26.0	XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET	2	07-F0	c4		0b	
2018/07/10	22:19:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5		0d	
2018/07/10	22:19:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2018/07/10	22:37:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2018/07/10	22:37:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2018/07/10	22:37:34.0	XRT_PREFLR_STRT_427_OG [0x1ab] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2018/07/10	22:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2018/07/10	23:13:30.0	XRT_Custom_430_OG [0x1ae]						
2018/07/10	23:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2018/07/10	23:19:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2018/07/10	23:19:26.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/10	23:19:30.0	AOCS_ORe-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	d6	36	48 72
2018/07/10	23:19:46.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0		d8		
2018/07/10	23:22:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2018/07/10	23:22:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2018/07/10	23:22:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2018/07/10	23:22:24.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0		da		
2018/07/10	23:22:26.0	XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET	2	07-F0	c4		0b	
2018/07/10	23:22:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5		0d	
2018/07/10	23:22:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2018/07/10	23:29:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2018/07/10	23:29:26.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/07/10	23:29:30.0	AOCS_ORe-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00	29	ca	b7 8e
2018/07/10	23:29:46.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0		d8		
2018/07/10	23:32:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8		
2018/07/10	23:32:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0		
2018/07/10	23:32:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2018/07/10	23:32:24.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0		da		
2018/07/10	23:32:26.0	XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET	2	07-F0	c4		0b	

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2018/07/10	23:32:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/10	23:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/10	23:39:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/10	23:39:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/07/10	23:39:30.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 4b 4b db	75
2018/07/10	23:39:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/10	23:42:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/10	23:42:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/10	23:42:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/10	23:42:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/10	23:42:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/10	23:42:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/10	23:42:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/10	23:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/10	23:55:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/07/10	23:55:30.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 53 a5 00	00
2018/07/10	23:55:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/10	23:58:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/10	23:58:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/10	23:58:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/10	23:58:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/10	23:58:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/10	23:58:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/10	23:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	00:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	00:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/11	00:16:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/11	00:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/11	00:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	00:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/07/11	00:45:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 4b 4b 24	8b
2018/07/11	00:45:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/11	00:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/11	00:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/11	00:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/11	00:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/11	00:47:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/11	00:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/11	00:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	01:00:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	01:00:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/07/11	01:01:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 29 db 48	72
2018/07/11	01:01:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/11	01:03:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/11	01:03:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/11	01:03:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/11	01:03:54.0	XRT_FLD_RESET_420_OG [0x1a4]					

2018/07/11	01:03:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/11	01:03:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2018/07/11	01:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/11	01:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	01:14:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	01:15:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2018/07/11	01:15:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	04	00 00 00 00
2018/07/11	01:17:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/11	01:17:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/11	01:17:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/11	01:17:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/11	01:17:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/11	01:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2018/07/11	01:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/11	01:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	01:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	01:54:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/11	01:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/11	02:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/11	02:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2018/07/11	03:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	03:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	03:28:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/11	03:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/11	04:02:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/11	04:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2018/07/11	04:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	04:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	04:57:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/11	05:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/11	05:40:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/11	05:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2018/07/11	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	05:54:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	05:54:30.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/11	05:54:46.0	XRT_FLD_DIS_401_OG [0x191]	AOCU_NM	5	02-76	00	00 00 00 00
2018/07/11	05:54:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/07/11	05:54:50.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/07/11	05:57:28.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/11	05:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2018/07/11	06:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/11	06:04:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/11	06:04:30.0	AOCS_Ore-point_Start_18_OG [0x0a8]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/11	06:04:46.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	16 c0 b1 9a
2018/07/11	06:07:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/11	06:07:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/11	06:07:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/11	06:07:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	

2018/07/11	06:07:26.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/11	06:07:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2018/07/11	06:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/11	06:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/11	06:38:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/11	06:38:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/11	06:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/11	07:18:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/11	07:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2018/07/11	08:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/11	08:18:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/11	08:18:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/11	08:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/11	08:57:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/11	08:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/11	09:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/11	09:39:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/11	09:40:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/11	09:40:16.0	XRT_FLD_ENA_446_OG [0x1be]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2018/07/11	09:42:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	04	00 00 00 00		
2018/07/11	09:42:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/11	09:42:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/11	09:42:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/11	09:42:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/11	09:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/11	09:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2018/07/11	09:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/07/11	09:58:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/11	09:58:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/11	10:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/11	10:35:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/11	10:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/11	11:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]						
2018/07/11	11:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/11	11:44:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/11	11:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/11	12:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/11	12:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/11	13:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/11	13:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_Custom_430_OG [0x1ae]						
2018/07/11	13:23:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/11	13:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/11	13:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/11	13:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/11	15:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/11	15:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/11	15:01:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/11	15:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/11	15:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1			

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2018/07/11	15:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/11	16:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/11	16:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/11	16:39:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/11	16:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/11	17:22:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/11	17:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/11	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/11	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/11	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/11	18:00:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/11	18:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/11	18:00:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/11	18:02:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2018/07/11	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/11	18:15:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/11	18:15:02.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/11	18:15:22.0	XRT_FLD_DIS_449_OG [0x1c1]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/11	18:17:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/11	18:17:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/11	18:17:28.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2018/07/11	18:17:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/11	18:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/11	18:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/11	19:00:00.0	AOCS_Ore-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2018/07/11	19:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/11	19:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/11	19:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/11	19:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/11	19:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/11	19:02:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/07/11	19:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/11	19:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/11	19:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/11	19:56:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/11	19:56:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/11	19:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/11	20:36:00.5	XRT_Custom_430_OG [0x1ae]							
2018/07/11	20:37:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/11	21:34:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/11	21:34:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/11	21:34:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/11	21:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/11	22:13:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/11	22:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/11	23:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/11	23:13:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/11	23:13:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

2018/07/11	23:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/11	23:46:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/11	23:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/12	00:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/12	00:51:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/12	00:51:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/12	00:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/12	01:14:59.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/12	01:15:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/12	01:15:01.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/12	01:15:21.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/12	01:17:53.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/12	01:17:55.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/12	01:17:57.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/12	01:17:59.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/12	01:18:01.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/12	01:18:03.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/12	01:20:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/12	01:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/12	02:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/12	02:27:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/12	02:27:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/12	02:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/12	02:59:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/12	03:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/12	03:59:00.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/12	03:59:03.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/12	03:59:05.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/12	04:02:15.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/12	04:24:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/12	04:24:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/12	04:25:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/12	04:27:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/12	04:27:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/12	04:27:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/12	04:27:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/12	04:27:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/07/12	04:27:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/12	04:35:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2018/07/12	04:37:00.5	XRT_Custom_430_OG [0x1ae]							
2018/07/12	04:38:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/12	05:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/12	05:34:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/12	05:34:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/12	05:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/12	06:15:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/12	06:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/12	06:20:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/12	06:20:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2018/07/12	06:20:28.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/12	06:20:30.0	AOCs_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2018/07/12	06:20:48.0	XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS	1	07-F0	d9
2018/07/12	06:23:24.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/07/12	06:23:26.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/12	06:23:28.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2018/07/12	06:23:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/12	06:30:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/12	06:30:26.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/07/12	06:30:30.0	AOCs_OrE-point_Start_17_OG [0x0a7] AOCU_NM	5	02-76	04 00 00 00 00
2018/07/12	06:30:46.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/12	06:33:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/12	06:33:20.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/12	06:33:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/12	06:33:24.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/12	06:33:26.0	XRT_QT_PROG_SET_406_OG [0x196] MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2018/07/12	06:33:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/12	06:33:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/12	07:14:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/12	07:14:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/12	07:14:04.0	XRT_PREFLR_STRT_427_OG [0x1ab] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/12	07:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/12	07:54:00.0	XRT_Custom_430_OG [0x1ae]			
2018/07/12	07:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/12	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/12	07:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/12	08:00:00.0	AOCs_OrE-point_Start_19_OG [0x0a9] AOCU_NM	5	02-76	00 04 fd 01 99
2018/07/12	08:00:16.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/12	08:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/12	08:02:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/12	08:02:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/12	08:02:54.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/12	08:02:56.0	XRT_QT_PROG_SET_447_OG [0x1bf] MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2018/07/12	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/12	08:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/12	08:54:00.5	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/12	08:54:03.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/12	08:54:05.0	XRT_PREFLR_STRT_427_OG [0x1ab] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/12	08:57:15.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/12	09:32:00.0	XRT_Custom_430_OG [0x1ae]			
2018/07/12	09:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/12	09:45:00.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/12	10:35:00.5	AOCs_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00