

XRT Timeline to be uploaded on 2017/06/06

Period: 2017/06/06 10:25:00 - 2017/06/15 10:49:00

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Normal mode

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XOB #1B8F: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(512ms), Al/Poly(1443ms) - w leak image-1ms

Term	Pointing (x, y)	Comment
06/07 12:58:00 - 06/07 13:04:54	Fixed (-528.4, -528.4)	XRT post-bakeout obs 1/4
PROG= 06 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 51 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 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 #1B90: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
06/07 13:08:00 - 06/07 13:14:54	Fixed (528.4, -528.4)	2/4
PROG= 05 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 38 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 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 #1B91: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
06/07 13:18:00 - 06/07 13:24:54	Fixed (528.4, 528.4)	3/4
PROG= 18 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 21 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 34 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 #1B92: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
06/07 13:28:00 - 06/07 13:34:54	Fixed (-528.4, 528.4)	4/4
PROG= 12 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 14 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		

Table with columns for sequence numbers and timing. Subr= 3, Seqn= 55 (2-time(s) 2.0sec), Seqn= 34 (1-time(s) 2.0sec). Includes fields like 'Open/Al-mesh', 'Open/Ti-poly', 'close', 'Safe', 'Norm', '500ms', 'Obs', '2x2', '2048x2048', 'Q=95', '0', '0', '2.0sec'.

XOB #1B89: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Table with columns: Term, Pointing (x, y), Comment. Contains tracking data for AR12661 observations from 06/07 13:38:00 to 06/13 06:47:00.

PROG= 03 Inf.-time(s)

Table with columns for sequence numbers and timing. Subr= 1 (1-time(s) 2.0sec), Subr= 2 (5-time(s) 2.0sec). Includes fields like 'Open/G-band', 'Open/Ti-poly', 'Open/thick-Al', 'close', 'Safe', 'Norm', 'Dark', '250ms', 'Obs', '1x1', '384x384', 'DPCM', 'Q=98', '0', '0', '2.0sec'.

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

Table with columns: Term, Pointing (x, y), Comment. Contains fixed pointing data for synoptic observations on 06/07 18:03:00 and 06/08 05:33:00.

PROG= 10 1-time(s)

Table with columns for sequence numbers and timing. Subr= 1 (1-time(s) 2.0sec), Subr= 2 (1-time(s) 2.0sec). Includes fields like 'Open/Ti-poly', 'Open/thick-Al', 'close', 'Safe', 'Dark', '500ms', 'Obs', '2x2', '2048x2048', 'Q=98', '0', '0', '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-All/Open	med-All/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-All/Open	med-All/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 #1B8C: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 90s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
06/08 05:43:00 - 06/08 09:32:00	Track (285.4, -439.7) @ 06/08 05:40:00	QS NW and coronal BP obs
06/10 08:04:30 - 06/10 09:44:54	Track (611.6, -440.9) @ 06/10 08:00:00	CH obs for EIS
06/10 16:31:00 - 06/10 17:24:00	Track (653.8, -440.8) @ 06/10 16:13:00	CH obs for EIS
06/10 22:57:00 - 06/10 23:57:30	Track (684.6, -440.6) @ 06/10 22:46:00	CH obs for EIS
06/11 03:45:00 - 06/11 04:40:30	Track (706.0, -440.5) @ 06/11 03:40:00	CH obs for EIS
06/11 05:36:00 - 06/11 07:22:54	Fixed (0.0, 0.0)	synoptic, shifted manually and SOT flats/darks obs
06/11 11:57:00 - 06/11 13:04:00	Track (738.5, -440.1) @ 06/11 11:53:00	CH obs for EIS
06/11 17:06:00 - 06/11 17:59:30	Track (755.9, -439.8) @ 06/11 16:48:00	CH obs for EIS
06/11 23:31:00 - 06/12 00:33:00	Track (776.7, -439.3) @ 06/11 23:22:00	CH obs for EIS
06/12 01:33:00 - 06/12 06:56:30	Track (-40.7, 617.2) @ 06/12 01:30:00	HOP336 42.5 degree north
06/12 10:54:00 - 06/12 12:01:30	Track (805.8, -438.4) @ 06/12 10:50:00	CH obs for EIS
06/12 17:41:00 - 06/12 18:34:30	Track (818.4, -437.8) @ 06/12 17:24:00	CH obs for EIS
06/13 00:01:00 - 06/13 01:08:00	Track (827.9, -437.1) @ 06/12 23:57:00	CH obs for EIS
06/13 04:56:00 - 06/13 05:52:30	Track (833.0, -436.5) @ 06/13 04:52:00	CH obs for EIS

PROG= 08 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= 60 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
06/08 10:13:00 - 06/08 16:09:54	Fixed (-22.0, 867.0)	HOP81 at N-pole
06/10 09:48:00 - 06/10 15:44:54	Fixed (-22.0, -953.0)	HOP81 at S-pole

PROG= 16 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 #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
06/08 17:40:00 - 06/08 17:46:54	Fixed (0.0, 0.0)	synoptic, shifted -23.0 min
06/09 06:03:00 - 06/09 06:09:54	Fixed (0.0, 0.0)	synoptic
06/09 18:06:00 - 06/09 18:12:54	Fixed (0.0, 0.0)	synoptic, shifted 3.0 min
06/10 06:34:00 - 06/10 06:40:54	Fixed (0.0, 0.0)	synoptic, shifted 31.0 min
06/10 18:10:00 - 06/10 18:16:54	Fixed (0.0, 0.0)	synoptic, shifted 7.0 min
06/11 05:26:00 - 06/11 05:32:54	Fixed (0.0, 0.0)	synoptic, shifted manually and SOT flats/darks obs
06/11 18:45:00 - 06/11 18:51:54	Fixed (0.0, 0.0)	synoptic, shifted manually
06/12 07:39:00 - 06/12 07:45:54	Fixed (0.0, 0.0)	synoptic, shifted manually
06/12 19:20:00 - 06/12 19:26:54	Fixed (0.0, 0.0)	synoptic, shifted manually
06/13 06:37:00 - 06/13 06:43:54	Fixed (0.0, 0.0)	synoptic, shifted manually

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 #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
06/12 19:42:05 - 06/12 21:26:54	Fixed (0.0, 930.0)	Co-alignment at N-pole
PROG= 20 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 1024x1024 (1536, 1536) 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 1024x1024 (1536, 1536) 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 1024x1024 (1536, 1536) 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
06/12 21:42:00 - 06/12 23:56:54	Fixed (-970.0, 0.0)	Co-alignment at E-limb
PROG= 04 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 1024x1024 (512, 1536) 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 1024x1024 (512, 1536) 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 1024x1024 (512, 1536) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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Flare mode

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

Term	Pointing (x, y)	Comment
06/07 13:38:00 - 06/07 17:16:00	Track (50.3, 57.4) @ 06/07 13:35:00	AR12661 obs
06/07 18:13:00 - 06/08 05:29:54	Track (92.2, 57.0) @ 06/07 18:10:00	Cont,
06/08 05:43:00 - 06/08 09:32:00	Track (285.4, -439.7) @ 06/08 05:40:00	QS NW and coronal BP obs
06/08 10:13:00 - 06/08 16:09:54	Fixed (-22.0, 867.0)	HOP81 at N-pole
06/08 16:58:00 - 06/08 17:36:54	Track (289.6, 55.3) @ 06/08 16:10:00	AR12661 obs
06/08 17:50:00 - 06/09 05:59:54	Track (303.7, 55.2) @ 06/08 17:47:00	Cont,
06/09 06:13:00 - 06/09 18:02:54	Track (408.9, 54.5) @ 06/09 06:10:00	Cont,
06/09 18:16:00 - 06/10 06:30:54	Track (505.4, 53.9) @ 06/09 18:13:00	Cont,
06/10 06:44:00 - 06/10 07:24:30	Track (598.0, 53.6) @ 06/10 06:41:00	Cont,
06/10 08:04:30 - 06/10 09:44:54	Track (611.6, -440.9) @ 06/10 08:00:00	CH obs for EIS
06/10 09:48:00 - 06/10 15:44:54	Fixed (-22.0, -953.0)	HOP81 at S-pole
06/10 16:31:00 - 06/10 17:24:00	Track (653.8, -440.8) @ 06/10 16:13:00	CH obs for EIS
06/10 18:20:00 - 06/10 22:19:00	Track (676.2, 53.4) @ 06/10 18:17:00	AR12661 obs
06/10 22:57:00 - 06/10 23:57:30	Track (684.6, -440.6) @ 06/10 22:46:00	CH obs for EIS
06/11 00:28:30 - 06/11 03:10:30	Track (712.2, 53.5) @ 06/11 00:05:00	AR12661 obs
06/11 03:45:00 - 06/11 04:40:30	Track (706.0, -440.5) @ 06/11 03:40:00	CH obs for EIS
06/11 05:36:00 - 06/11 07:22:54	Fixed (0.0, 0.0)	synoptic, shifted manually and SOT flats/darks obs
06/11 07:26:00 - 06/11 11:26:00	Track (754.2, 53.6) @ 06/11 07:23:00	AR12661 obs
06/11 11:57:00 - 06/11 13:04:00	Track (738.5, -440.1) @ 06/11 11:53:00	CH obs for EIS
06/11 13:35:00 - 06/11 16:21:00	Track (784.7, 53.7) @ 06/11 13:10:00	AR12661 obs
06/11 17:06:00 - 06/11 17:59:30	Track (755.9, -439.8) @ 06/11 16:48:00	CH obs for EIS
06/11 18:55:00 - 06/11 22:54:30	Track (812.4, 53.9) @ 06/11 18:52:00	AR12661 obs
06/11 23:31:00 - 06/12 00:33:00	Track (776.7, -439.3) @ 06/11 23:22:00	CH obs for EIS
06/12 01:04:00 - 06/12 01:29:54	Track (838.0, 54.2) @ 06/12 00:40:00	AR12661 obs
06/12 01:33:00 - 06/12 06:56:30	Track (-40.7, 617.2) @ 06/12 01:30:00	HOP336 42.5 degree north
06/12 07:49:00 - 06/12 10:17:00	Track (865.7, 54.6) @ 06/12 07:46:00	AR12661 obs
06/12 10:54:00 - 06/12 12:01:30	Track (805.8, -438.4) @ 06/12 10:50:00	CH obs for EIS
06/12 12:32:30 - 06/12 16:56:30	Track (880.8, 55.0) @ 06/12 12:10:00	AR12661 obs
06/12 17:41:00 - 06/12 18:34:30	Track (818.4, -437.8) @ 06/12 17:24:00	CH obs for EIS
06/13 00:01:00 - 06/13 01:08:00	Track (827.9, -437.1) @ 06/12 23:57:00	CH obs for EIS
06/13 01:39:00 - 06/13 04:12:30	Fixed (902.0, 56.0)	AR12661 obs
06/13 04:56:00 - 06/13 05:52:30	Track (833.0, -436.5) @ 06/13 04:52:00	CH obs for EIS
06/13 06:47:00 - 06/13 09:12:30	Fixed (902.0, 56.0)	AR12661 obs

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

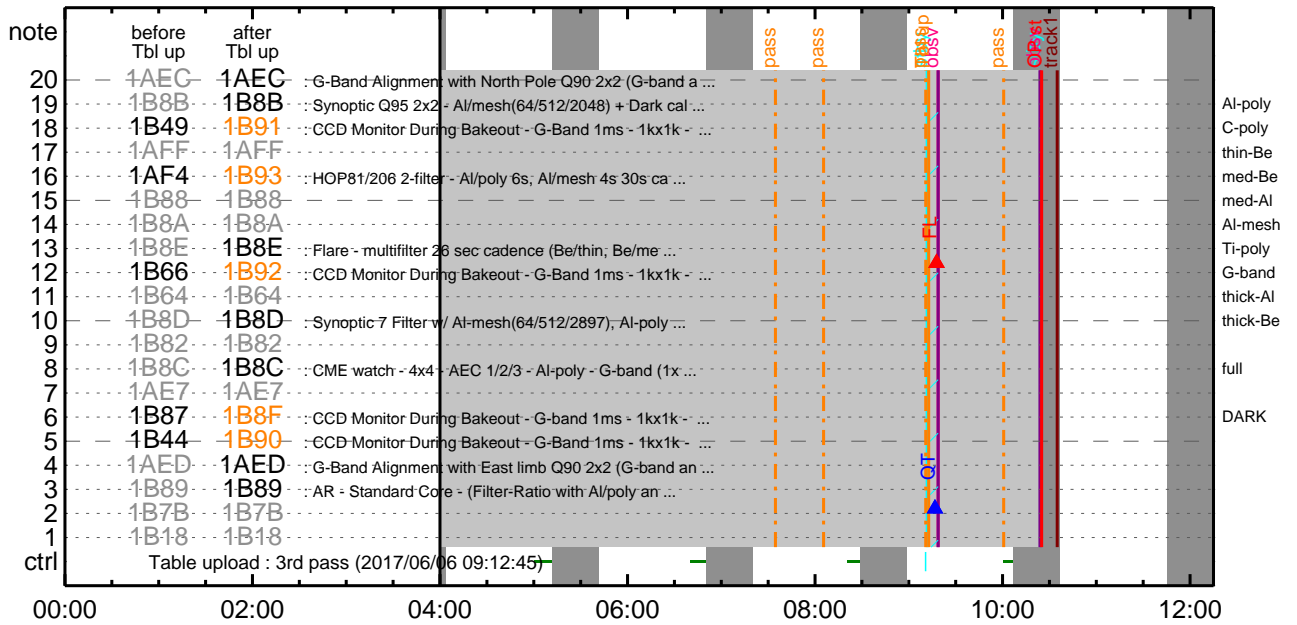
* * * * *

Flare Detection

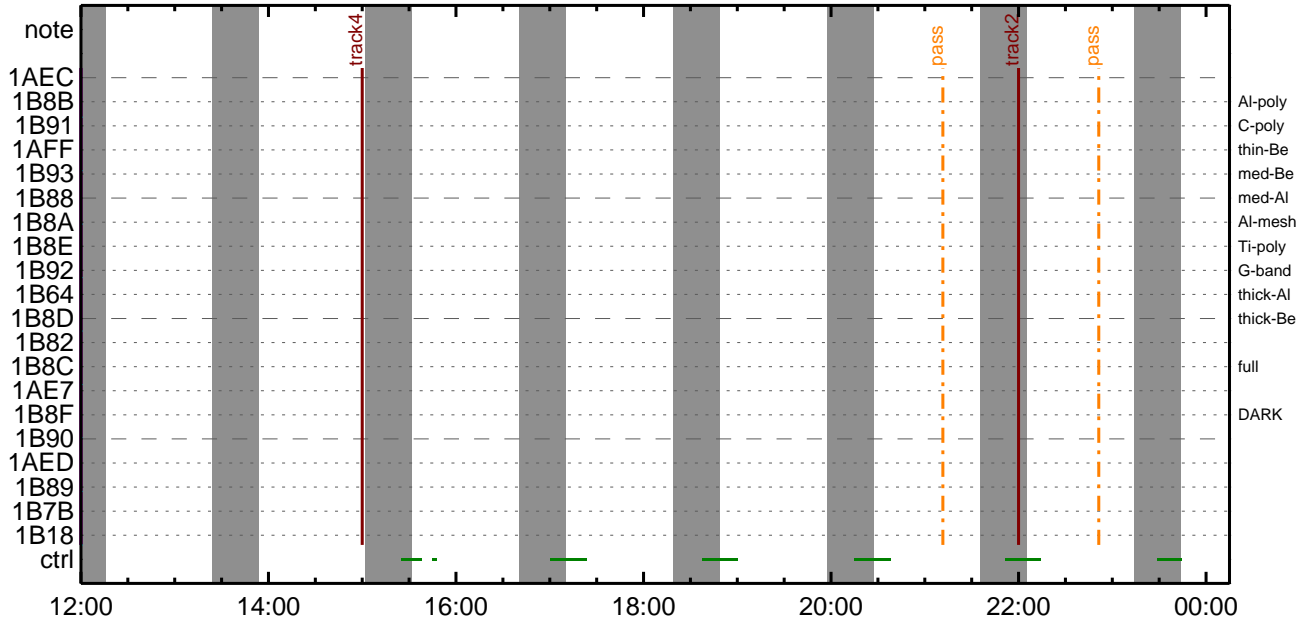
* * * * *

FLD Patrol												
Term												
Pointing (x, y)												
Comment												
06/07 13:35:16 - 06/07 18:00:16	Track (50.3, 57.4)	@ 06/07 13:35:00	AR12661 obs									
06/07 18:10:16 - 06/08 05:30:16	Track (92.2, 57.0)	@ 06/07 18:10:00	Cont,									
06/08 05:40:18 - 06/08 17:37:16	Track (285.4, -439.7)	@ 06/08 05:40:00	QS NW and coronal BP obs									
06/08 17:47:16 - 06/09 06:00:16	Track (303.7, 55.2)	@ 06/08 17:47:00	Cont,									
06/09 06:10:16 - 06/09 18:03:16	Track (408.9, 54.5)	@ 06/09 06:10:00	Cont,									
06/09 18:13:16 - 06/10 06:31:16	Track (505.4, 53.9)	@ 06/09 18:13:00	Cont,									
06/10 06:41:16 - 06/10 18:07:16	Track (598.0, 53.6)	@ 06/10 06:41:00	Cont,									
06/10 18:17:16 - 06/11 05:23:16	Track (676.2, 53.4)	@ 06/10 18:17:00	AR12661 obs									
06/11 05:33:18 - 06/11 18:42:16	Fixed (0.0, 0.0)		synoptic, shifted manually and SOT flats/darks obs									
06/11 18:52:16 - 06/12 07:36:16	Track (812.4, 53.9)	@ 06/11 18:52:00	AR12661 obs									
06/12 07:46:16 - 06/12 19:17:16	Track (865.7, 54.6)	@ 06/12 07:46:00	AR12661 obs									
06/12 23:57:18 - 06/13 06:34:16	Track (827.9, -437.1)	@ 06/12 23:57:00	CH obs for EIS									
06/13 06:44:16 - 06/15 10:49:00	Fixed (902.0, 56.0)		AR12661 obs									
	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

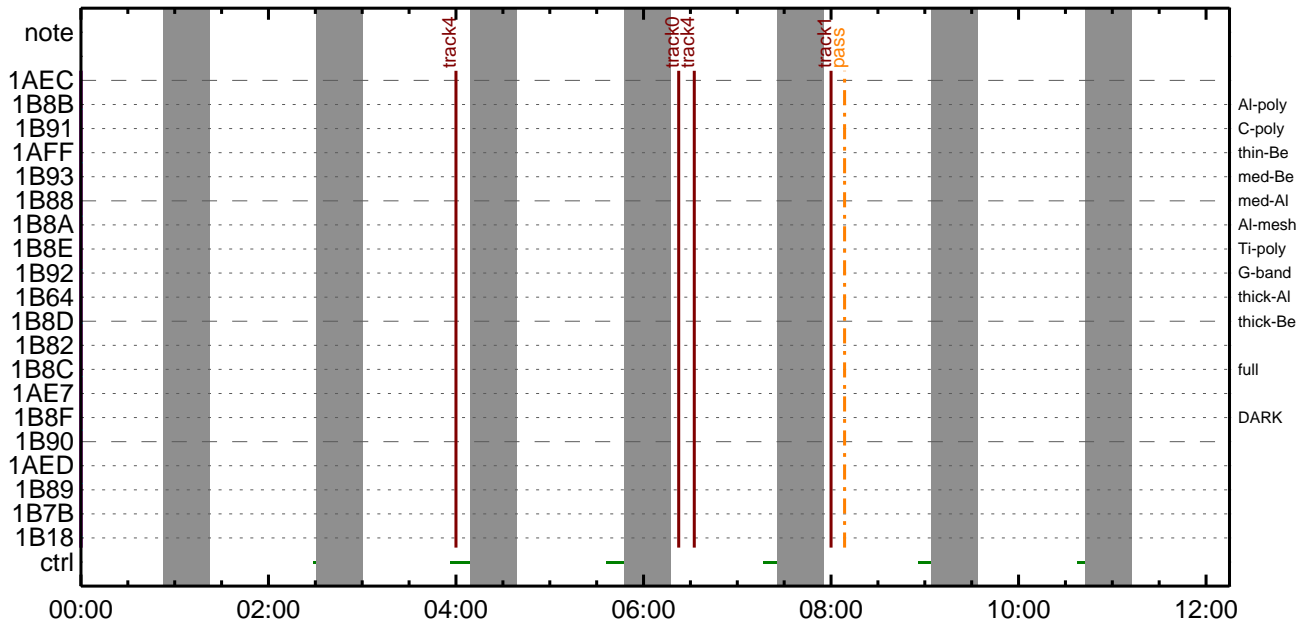
CMDI #0790 2017/06/06



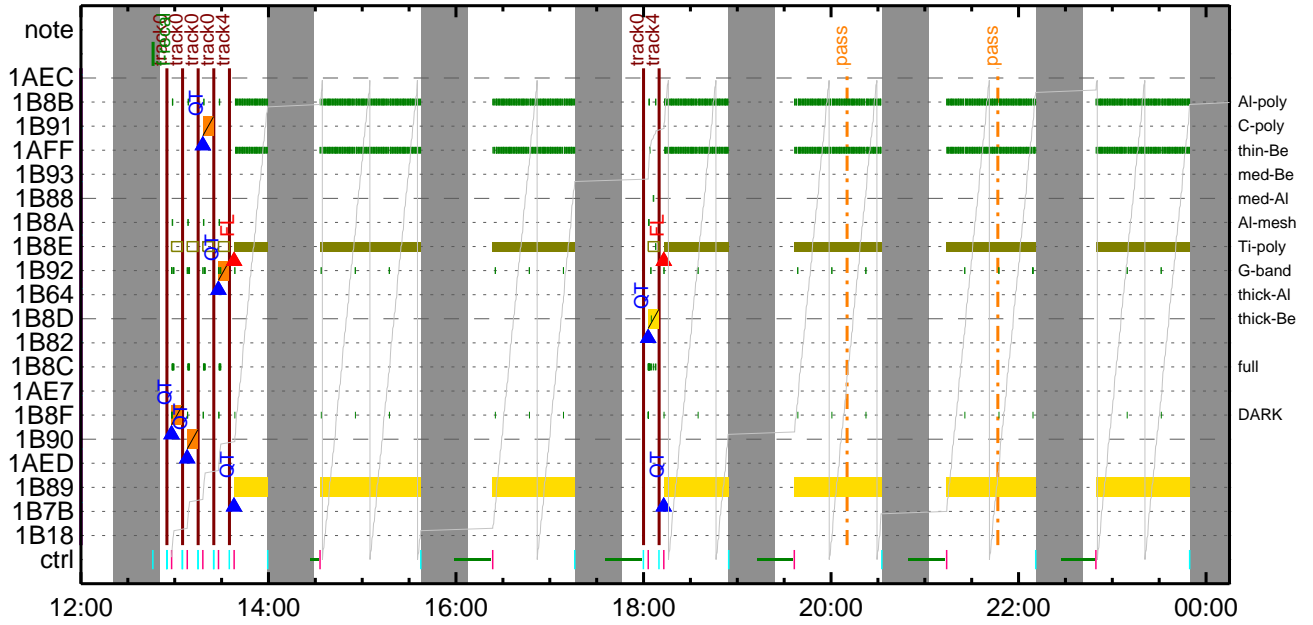
CMDI #0790 2017/06/06



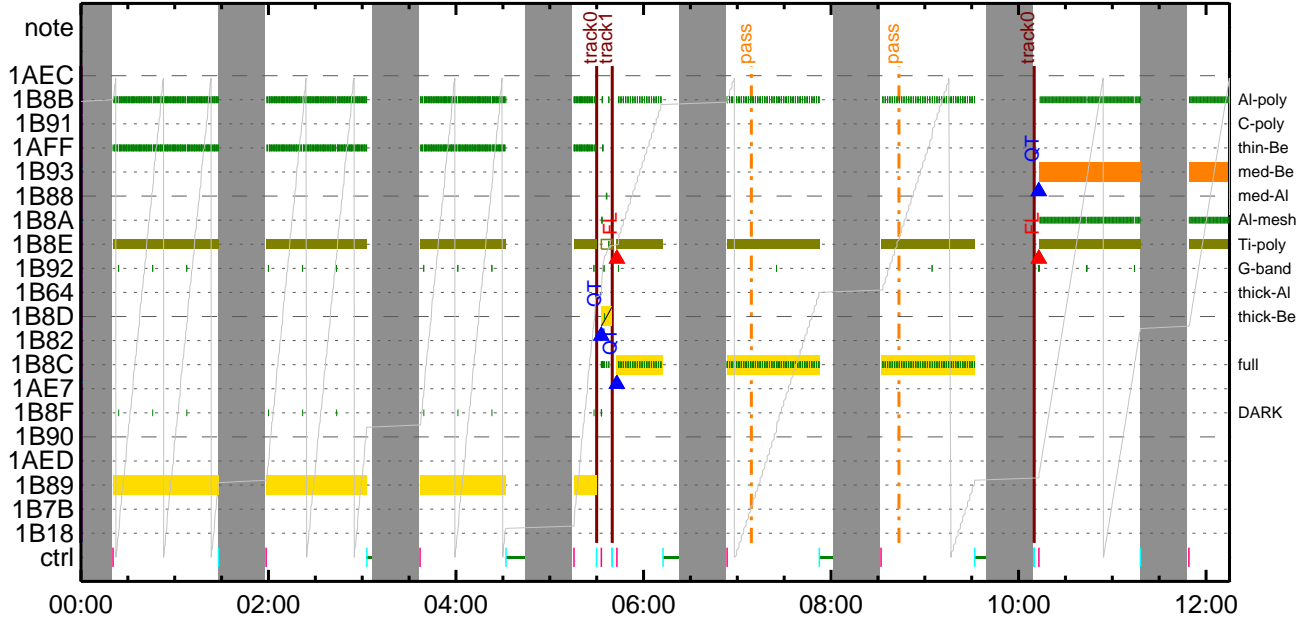
CMDI #0790 2017/06/07



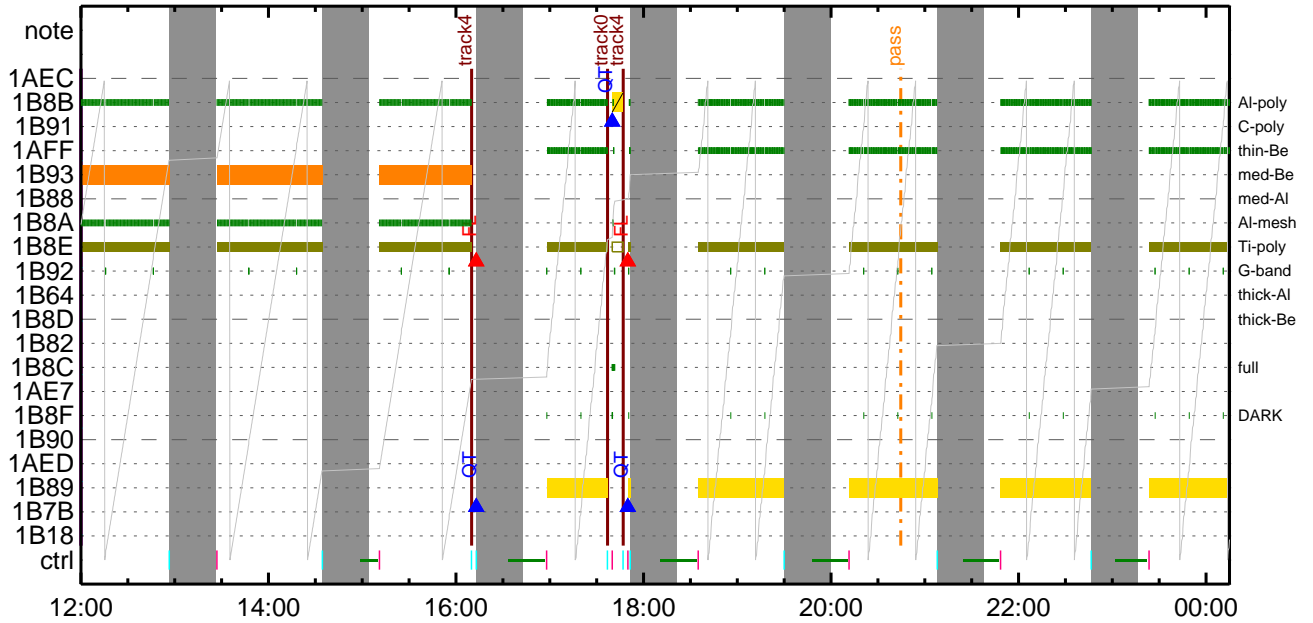
CMDI #0790 2017/06/07



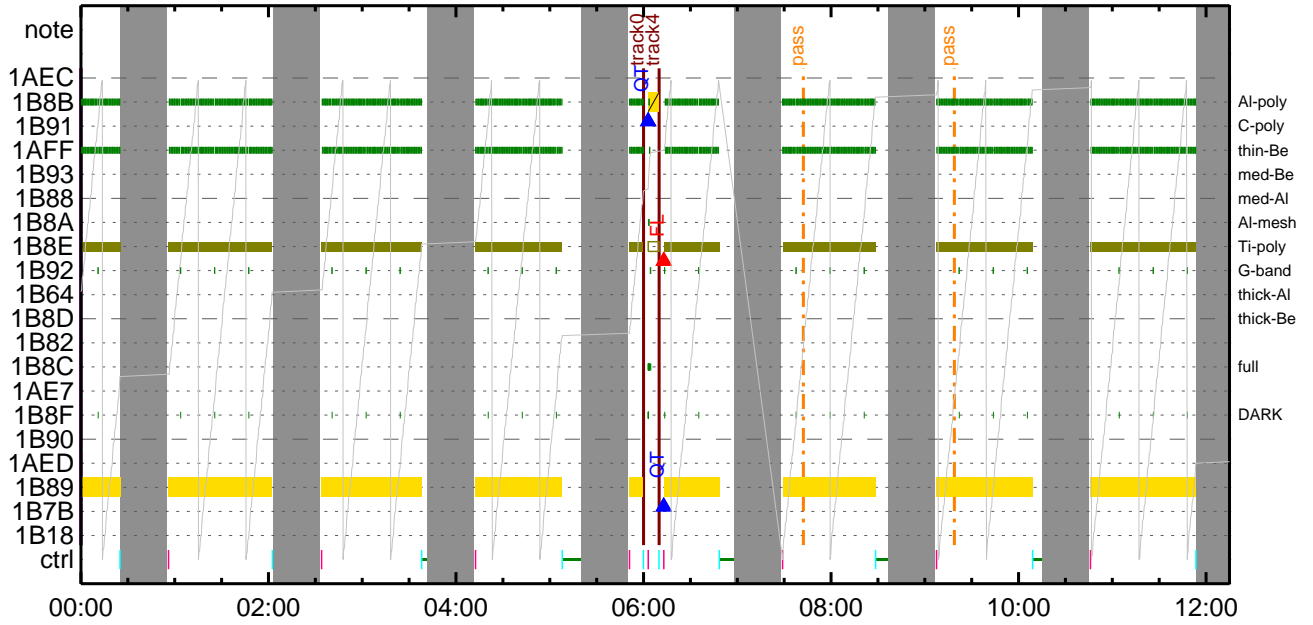
CMDI #0790 2017/06/08



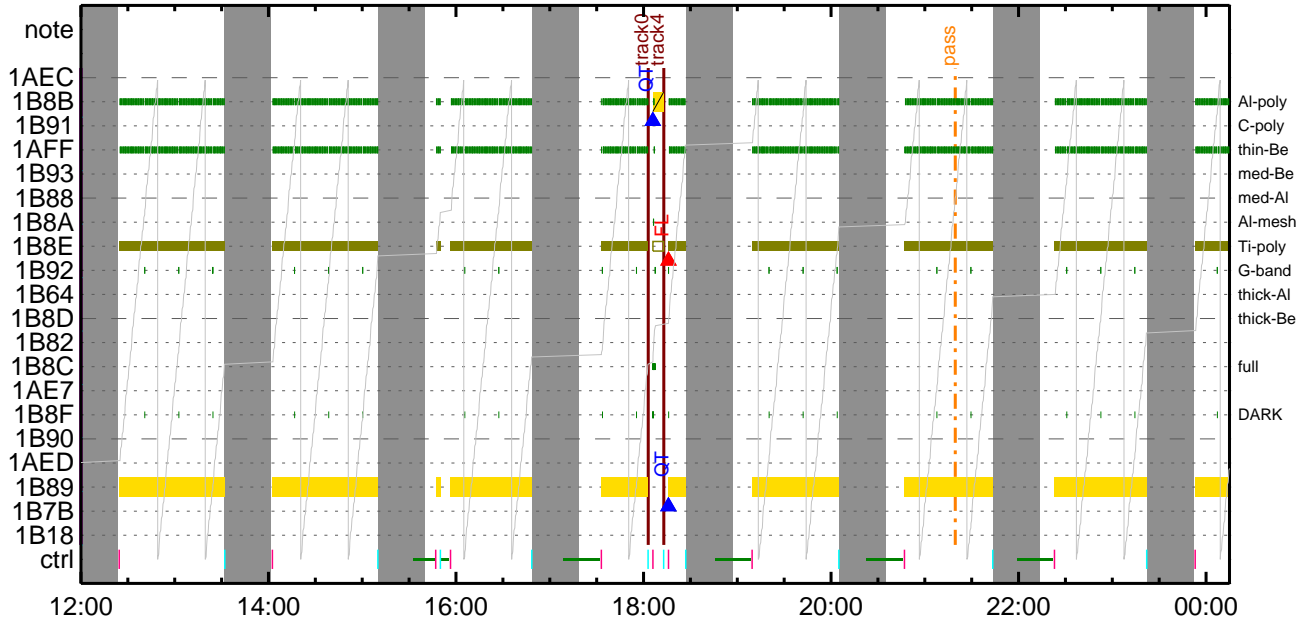
CMDI #0790 2017/06/08



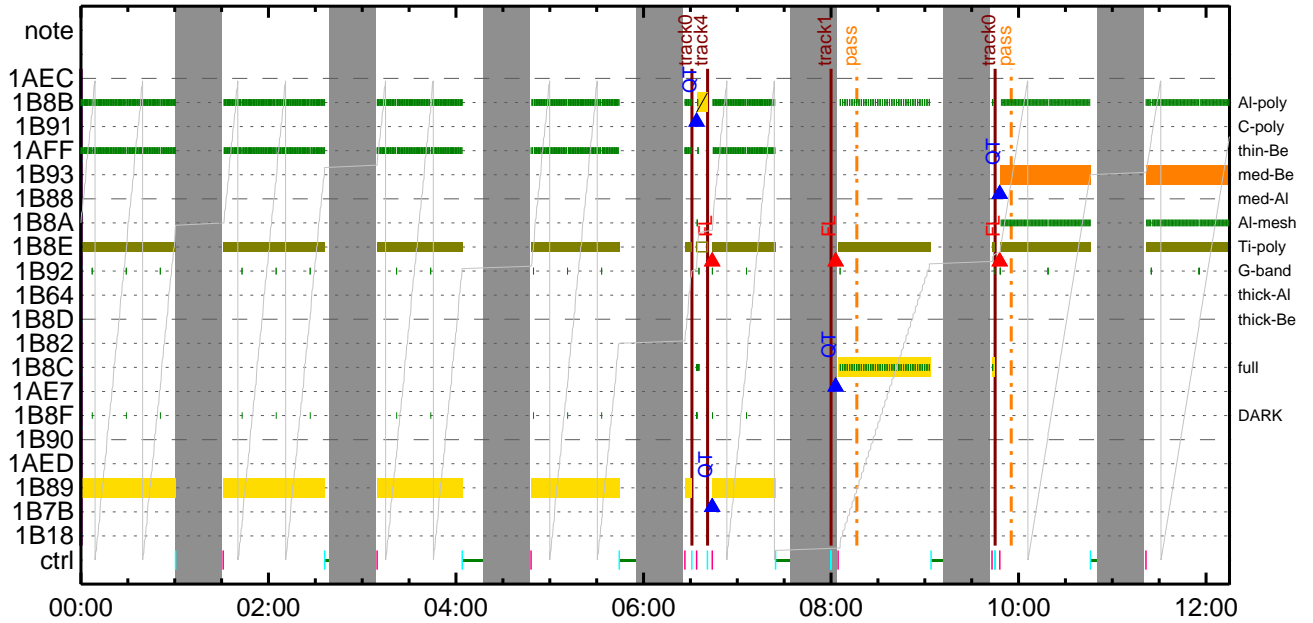
CMDI #0790 2017/06/09



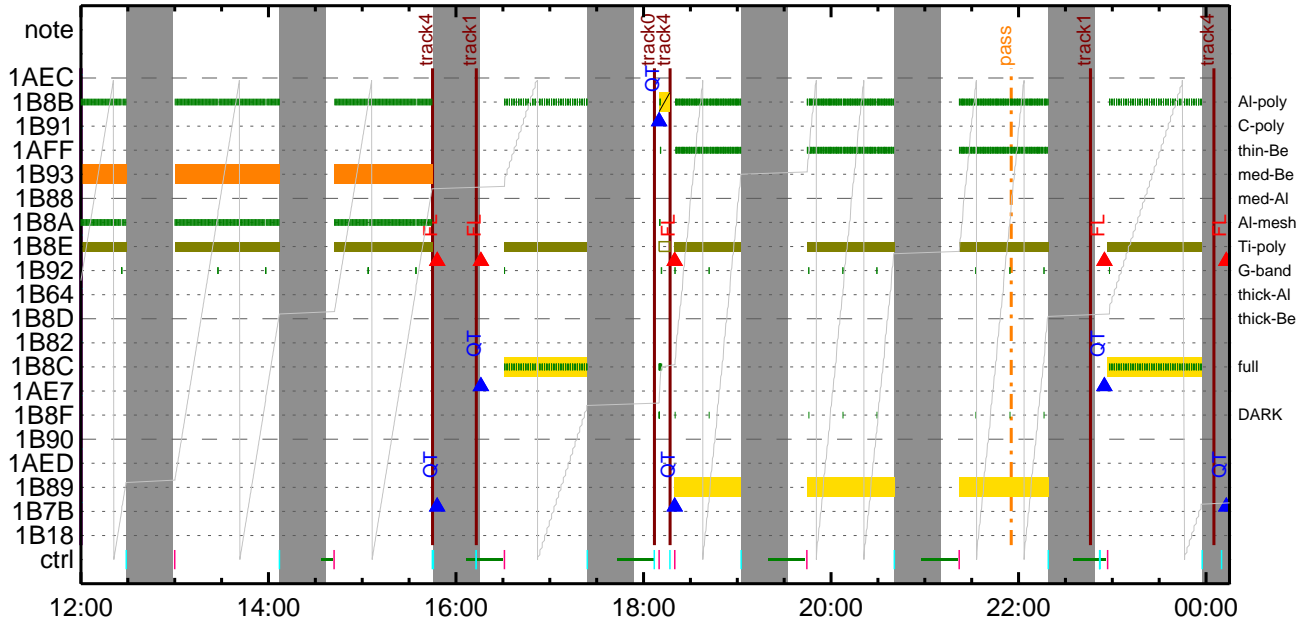
CMDI #0790 2017/06/09



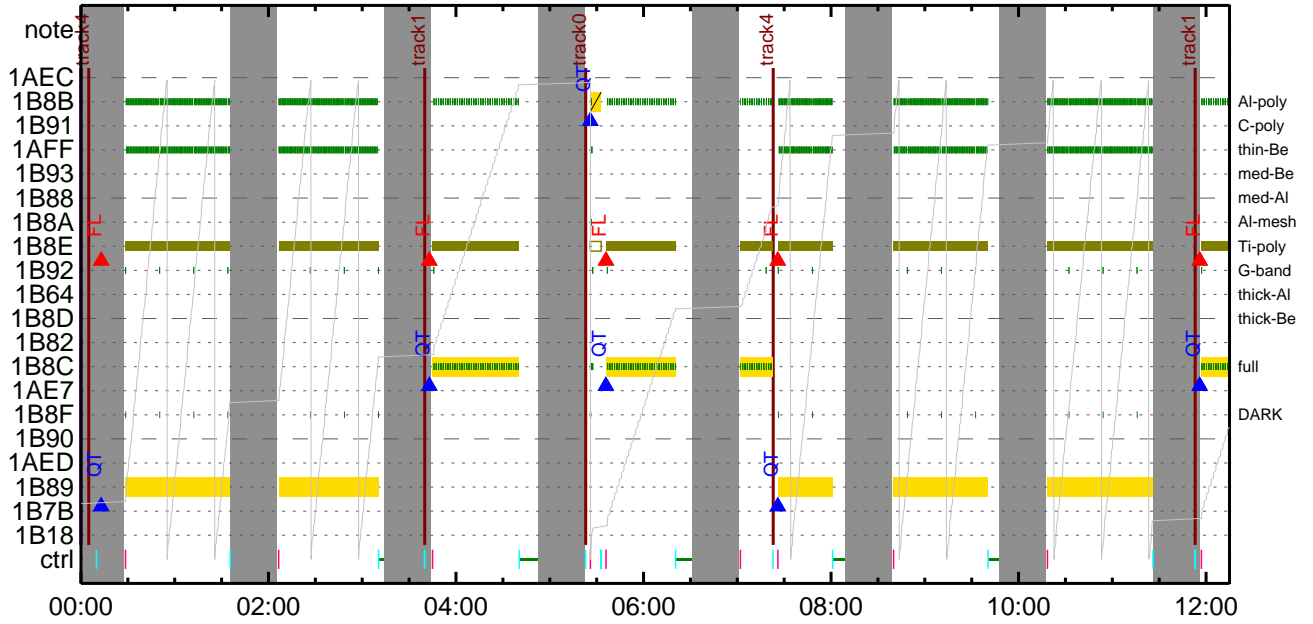
CMDI #0790 2017/06/10



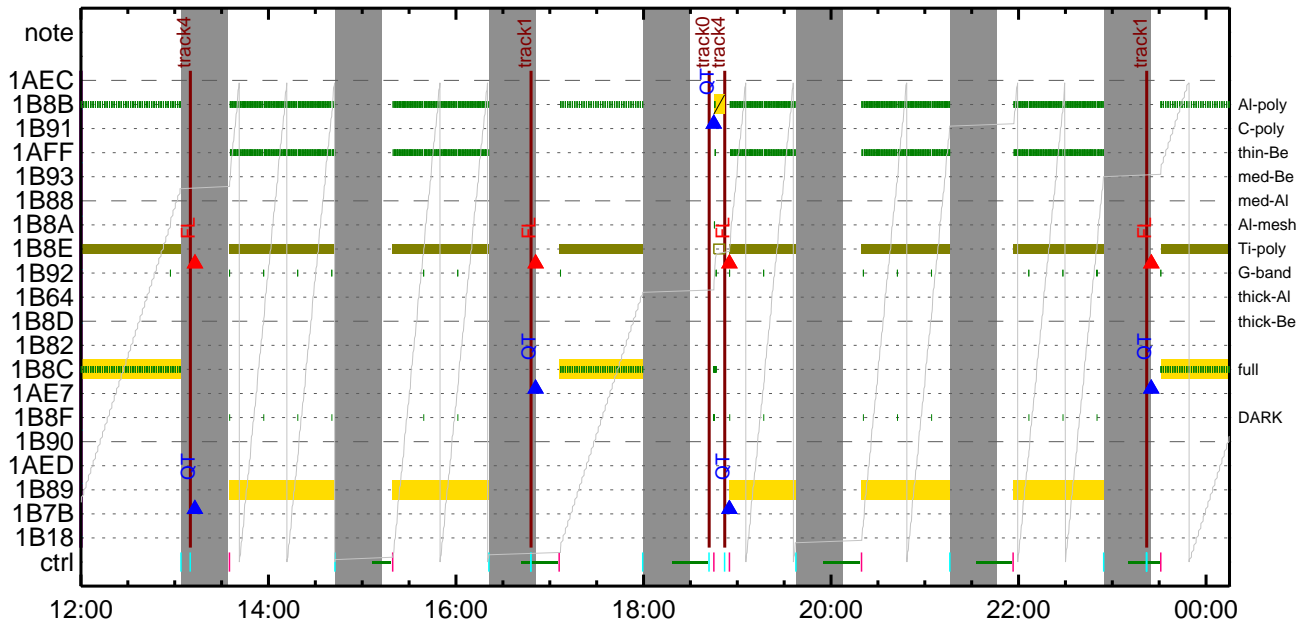
CMDI #0790 2017/06/10



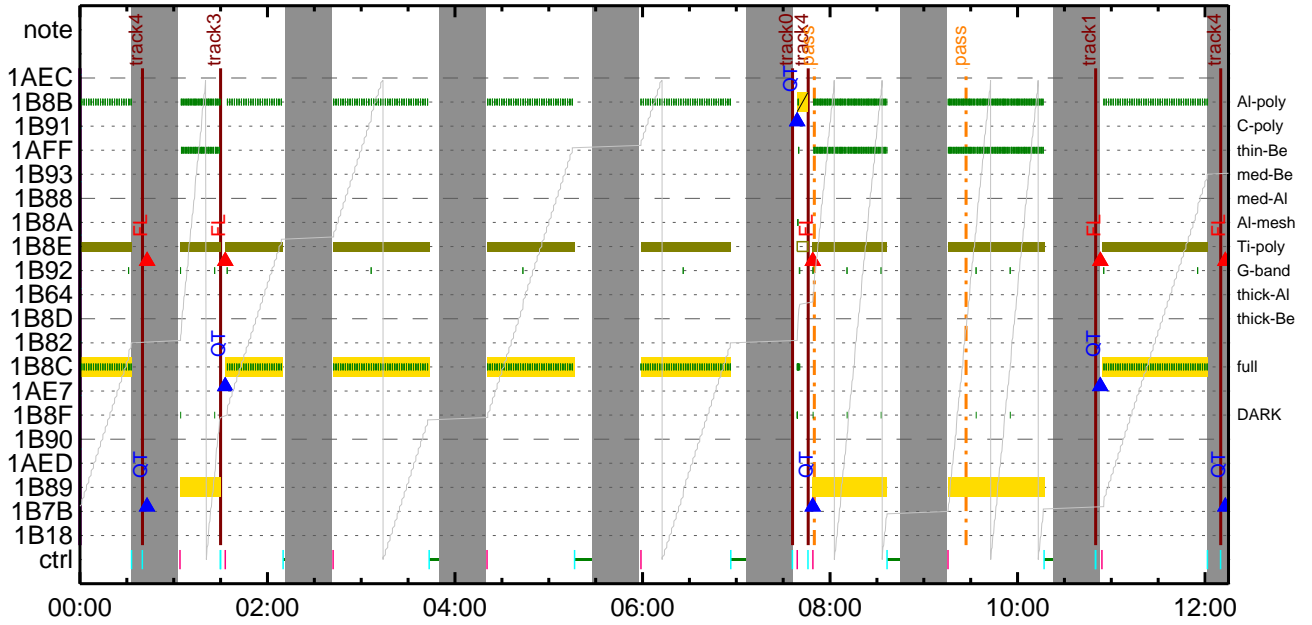
CMDI #0790 2017/06/11



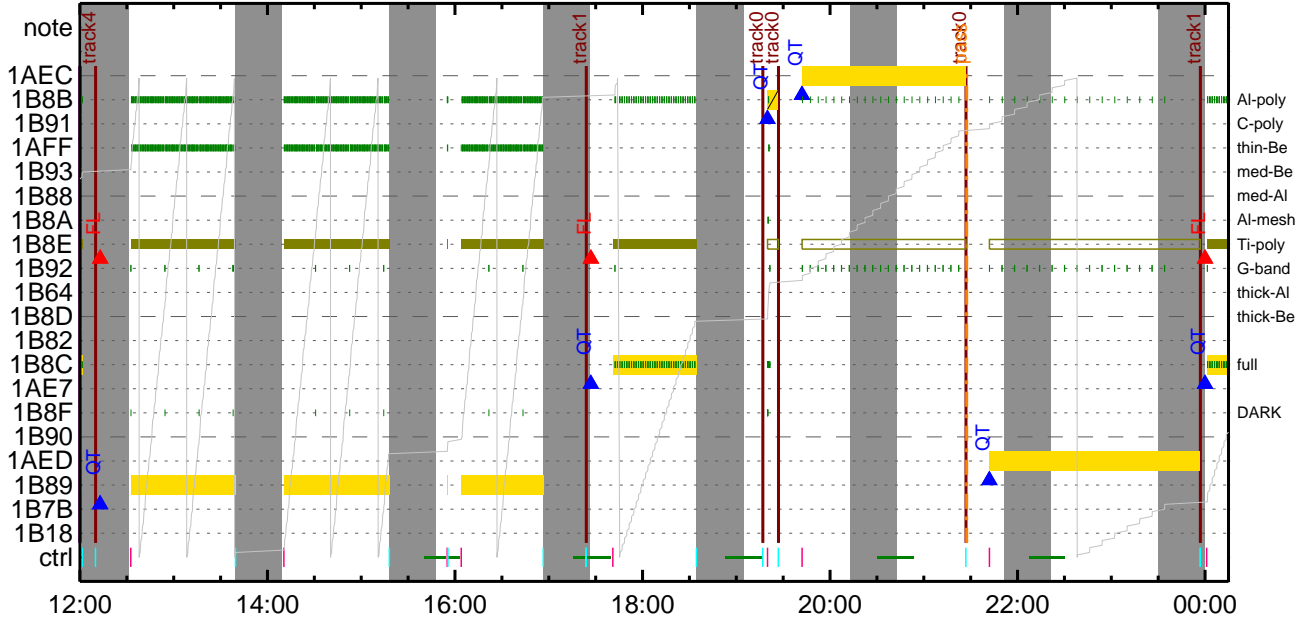
CMDI #0790 2017/06/11



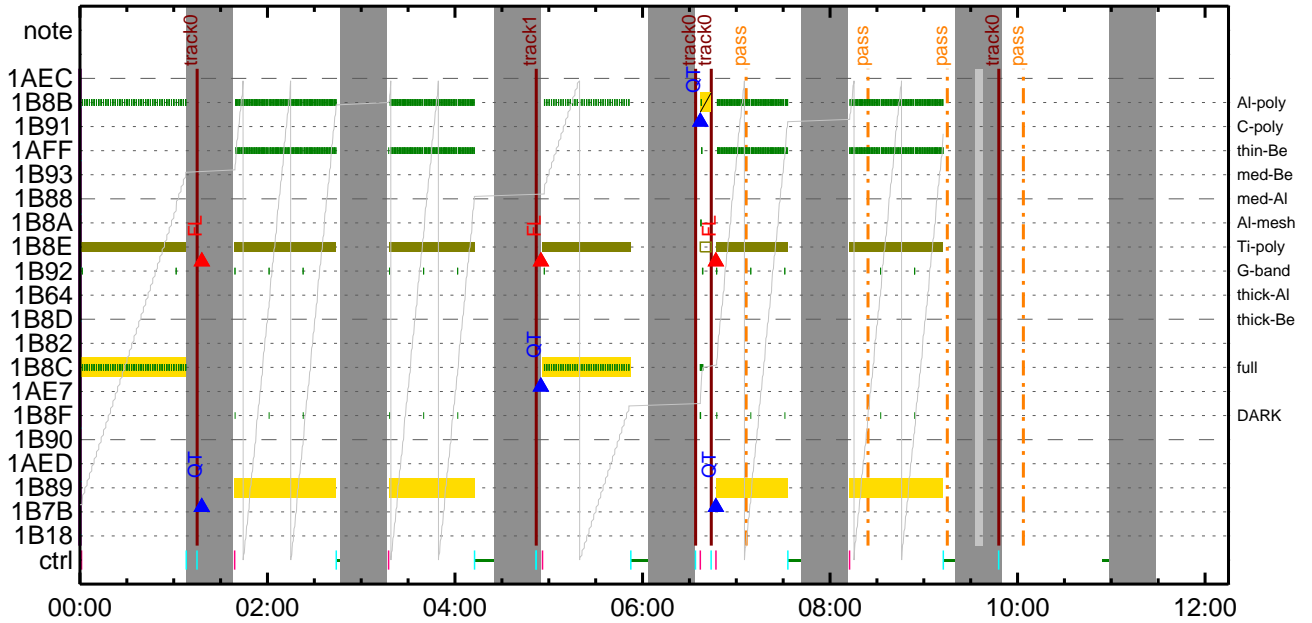
CMDI #0790 2017/06/12



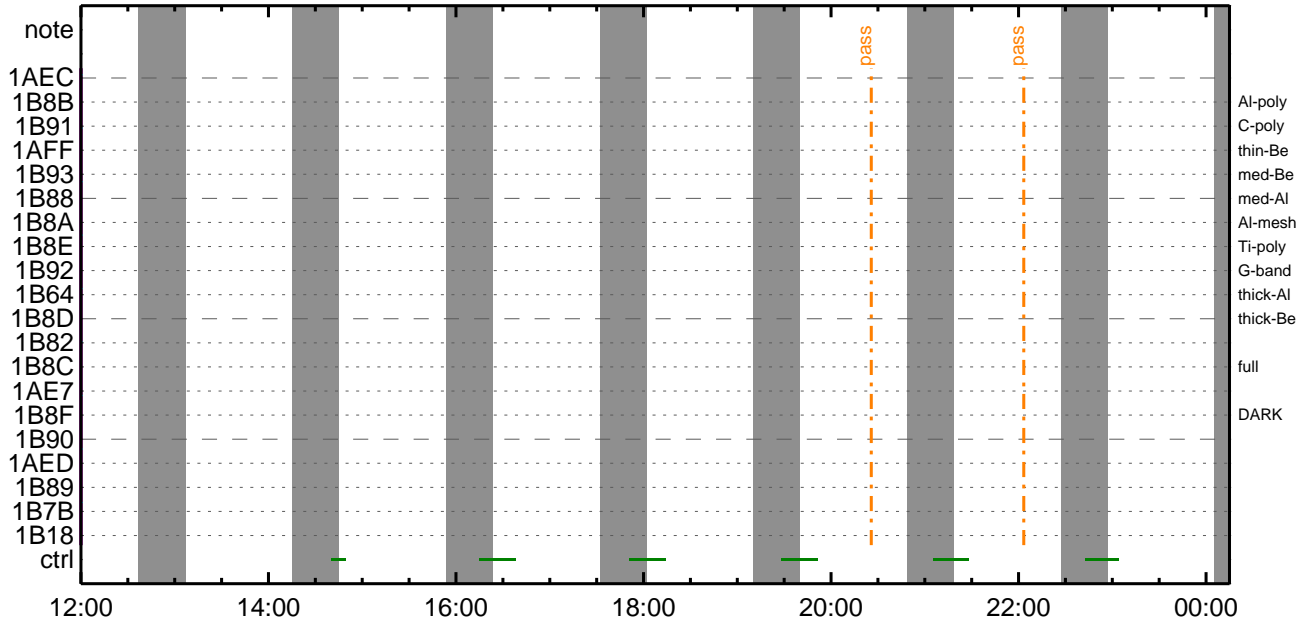
CMDI #0790 2017/06/12



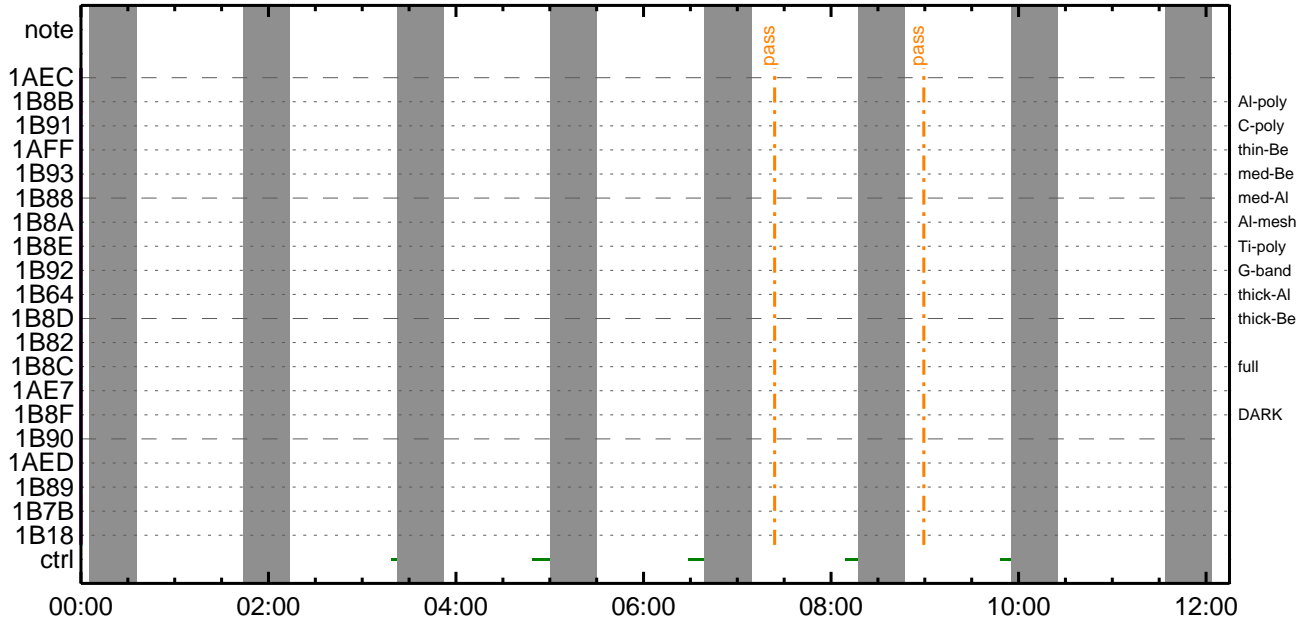
CMDI #0790 2017/06/13



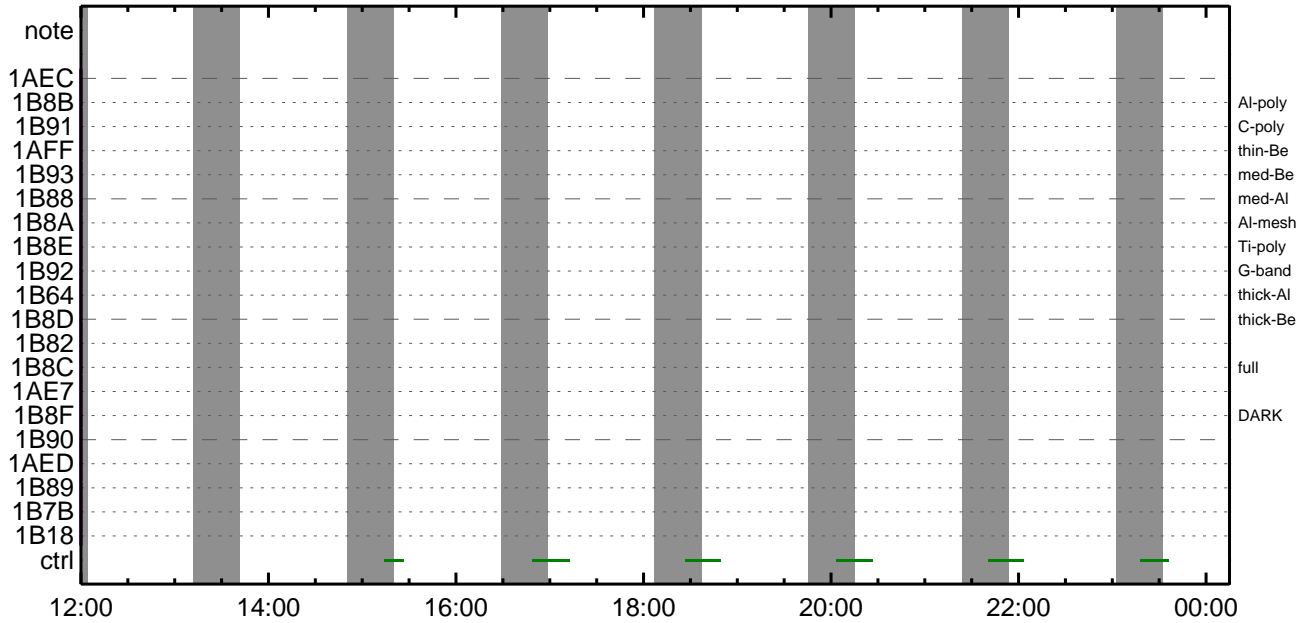
CMDI #0790 2017/06/13



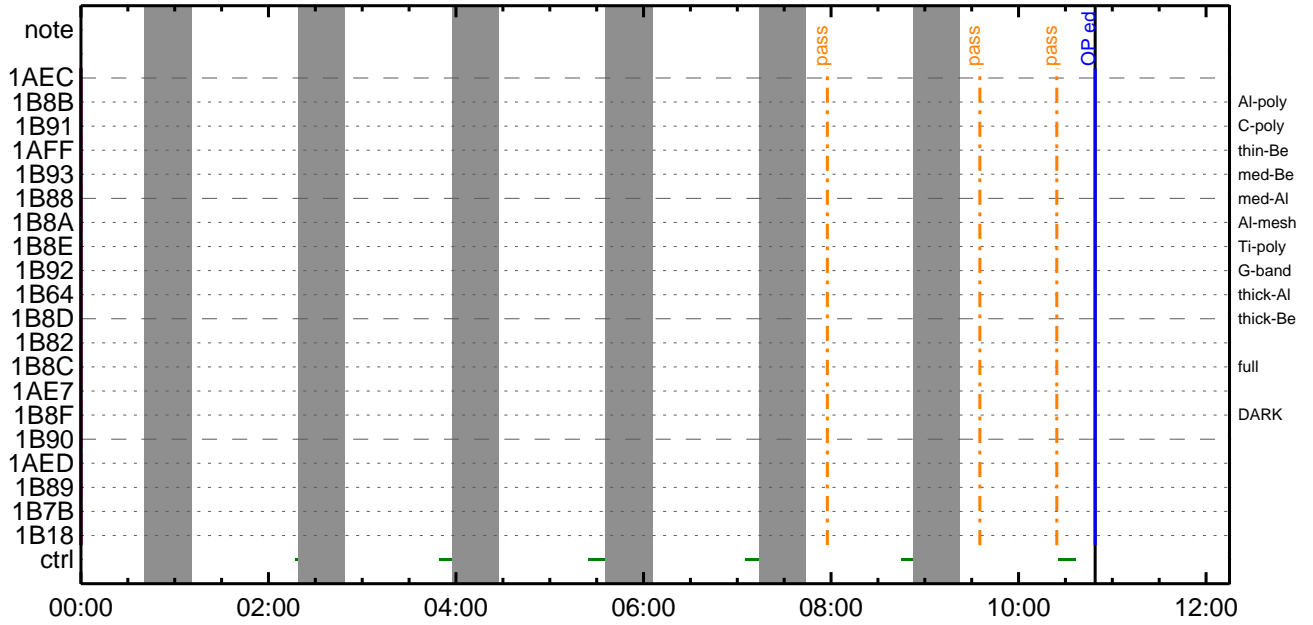
CMDI #0790 2017/06/14



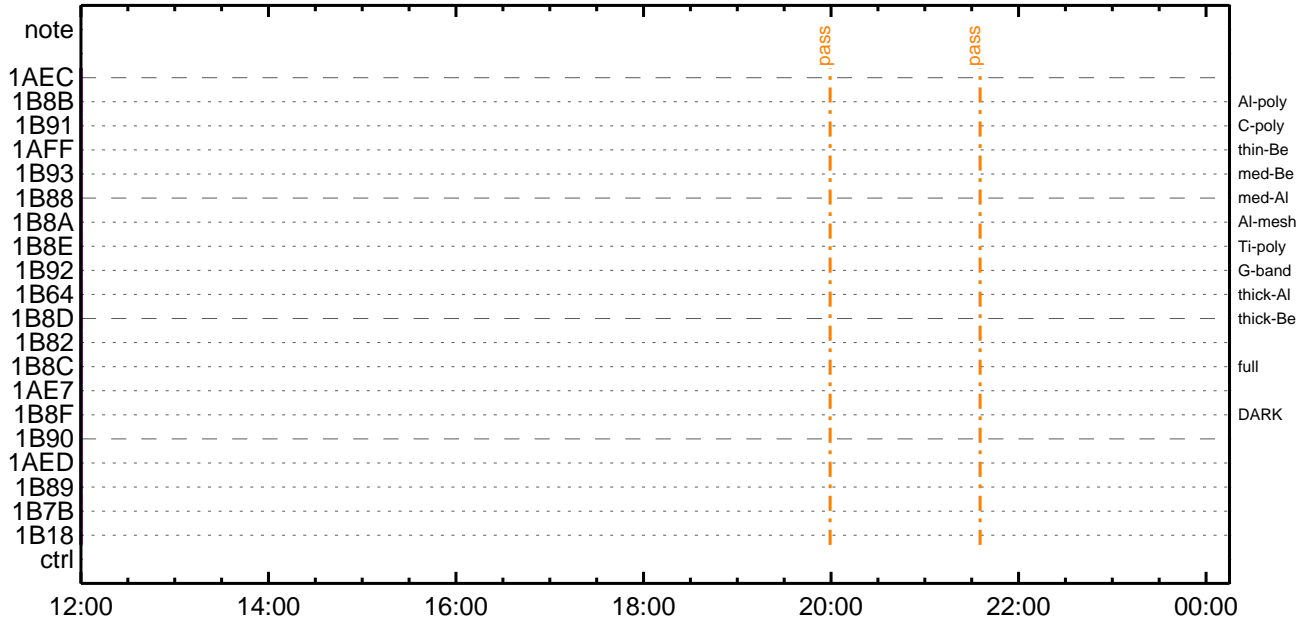
CMDI #0790 2017/06/14



CMDI #0790 2017/06/15



CMDI #0790 2017/06/15




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-651:OP
0104 ( )
0105 S. OG og-651:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°è¥ÅYóYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. ¥ÅYóYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. ¥ÅYóYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. ¥ÅYóYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °E²¼²î¼E¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;4YE;E½Y½;¥î;4YE;E²òîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷ç@NG²î¼E¹ç•è²¼²îTI-CMDÁ÷ç²î¼E¹ç•è²¼²îE²³îE;f
0180 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0181 C.
0182 C. TIY³Y½YóYE²ò²ÁDîç(UT)
0183 +. TI 2017-06-06 10:20:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2017-06-06 10:20:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2017-06-06 10:20:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-652 2017-06-06 13:12:53 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁã•µ°Æ»Í×ÁÇãÍYçYÁY×Yí;¼YÉ;ÈÈ¿µ•ííÉ;ÈãÈ¼°ÇÖã•ã¿¼í¹çãÍ;çÁ®, ùã¹ãÈãBãÇÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STs1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 + DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 1865150.3 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 . C. Estimated OBSTBL upload time is 1m55s
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 2017-06-06 10:24:50.0
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 `ûÁÎãÍ»ò¼YãÉÁÐã¹ãÈDCBC•x²è *****
0081 C. (¼ã°ÍYÓYÁYÈYBþYÈYáYçYÈãÈ¼¾ã¼Á»Ûã¹ãÈ)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** YDÝ¹.Ī Daily±¿ÍÑãÈ`Øã¹ãÈDCBC•x²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0092 C.
0093 . C. ***** LOS *****
0094 C.
```



```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 c0 c0 10 10)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 80 80 20 20)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 09 40 c0 10 10)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 0a 40 40 10 10)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0b c0 40 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0c 80 80 20 08)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0d 80 80 08 20)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0e 80 80 08 08)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0f 80 80 06 06)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 10 80 80 08 08)
0146 + DC 07-F0 MDP_XRT_FLD_ENA
0147 BC (d8)
0148 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0149 BC (c8)
0150 + DC 07-F0 MDP_XRT_ARS_DIS
0151 BC (d5)
0152 + DC 07-F0 MDP_XRT_AEC_RESET
0153 BC (d0)
0154 + DC 07-F0 MDP_XRT_FLD_RESET
0155 BC (da)
0156 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0157 BC (c4 03)
0158 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0159 BC (c5 0d)
0160 . C. ----- Success Verify ? OK / NG ____
0161 C.
0162 C.
0163 . C. All OK? Yes--> Please Proceed./ No --> Stop here.
0164 C.
0165 +. DC 07-F0 MDP_XRT_MODE_OBSV
0166 BC (c2)
0167 +. TI 2017-06-06 10:24:02.0
0168 DC 07-F0 MDP_XRT_MODE_OBSV
0169 BC (c2)
0170 . C. ----- Success Verify ? OK / NG ____
0171 C.
0172 C. ***** XRT END *****
0173 C.
0174 . C. ***** MDP `úÃîï»ö%ÝðÊÃð¹ñèDCBC•x²è *****
0175 C. (%ã°îÿÓYÁYBYBYBYÁYçYèèE%¼a%Ä»Û¹ñè)
0176 . S. DC-BC dcbc-402:DCBC
0177 (MDP_known_event)
0178 C.
0179 C.
0180 . C. ***** ¥D¥¹•ï Daily±çİÑñE'Ø¹ñèDCBC•x²è *****
0181 . S. DC-BC dcbc-153:DCBC
0182 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0183 C.
0184 C.
0185 . C. ;ãLOS¥ÁY$¥ÃY⁻¼Ä»Û;ã
0186 C.
0187 . C. ***** LOS *****
0188 C.

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*** OP Sequence for XRT ***

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2017/06/06 10:35:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 01 00 00 00 00
2017/06/06 15:00:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 04 00 00 00 00
2017/06/06 22:00:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 02 00 00 00 00
2017/06/07 04:00:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 04 00 00 00 00
2017/06/07 06:22:30.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2017/06/07 06:25:00.0 XRT_TCIB_XRT_S_HTR_A_DIS_426_OG [0x1aa]
                        TCIB_XRT_S_HTR_A_DIS 0 04-C0
2017/06/07 06:32:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 04 00 00 00 00
2017/06/07 08:00:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 01 00 00 00 00
2017/06/07 12:46:00.0 XRT_CTRL_MANU_438_OG [0x1b6]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 12:46:10.0 XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]
                        XRT_FOCUS_RECAL          2 07-F8 78 00
2017/06/07 12:50:10.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION        4 07-F8 22 fe 97 00
2017/06/07 12:54:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 12:54:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 12:54:58.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2017/06/07 12:55:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2017/06/07 12:55:18.0 XRT_FLD_DIS_401_OG [0x191]
                        MDP_XRT_FLD_DIS          1 07-F0 d9
2017/06/07 12:55:20.0 XRT_FLRCTRL_DIS_404_OG [0x194]
                        MDP_XRT_FLRCTRL_DIS      1 07-F0 c9
2017/06/07 12:57:56.0 XRT_ARS_DIS_445_OG [0x1bd]
                        MDP_XRT_ARS_DIS          1 07-F0 d5
2017/06/07 12:57:58.0 XRT_QT_PROG_SET_407_OG [0x197]
                        MDP_XRT_QT_PROG_SET      2 07-F0 c4 06
2017/06/07 12:58:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO        1 07-F0 c0
2017/06/07 13:04:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 13:04:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 13:04:58.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2017/06/07 13:05:00.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2017/06/07 13:05:18.0 XRT_FLD_DIS_401_OG [0x191]
                        MDP_XRT_FLD_DIS          1 07-F0 d9
2017/06/07 13:05:20.0 XRT_FLRCTRL_DIS_404_OG [0x194]
                        MDP_XRT_FLRCTRL_DIS      1 07-F0 c9
2017/06/07 13:07:56.0 XRT_ARS_DIS_445_OG [0x1bd]
                        MDP_XRT_ARS_DIS          1 07-F0 d5
2017/06/07 13:07:58.0 XRT_QT_PROG_SET_413_OG [0x19d]
                        MDP_XRT_QT_PROG_SET      2 07-F0 c4 05
2017/06/07 13:08:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO        1 07-F0 c0
2017/06/07 13:14:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 13:14:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 13:14:58.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2017/06/07 13:15:00.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2017/06/07 13:15:18.0 XRT_FLD_DIS_401_OG [0x191]
                        MDP_XRT_FLD_DIS          1 07-F0 d9
2017/06/07 13:15:20.0 XRT_FLRCTRL_DIS_404_OG [0x194]
                        MDP_XRT_FLRCTRL_DIS      1 07-F0 c9
2017/06/07 13:17:56.0 XRT_ARS_DIS_445_OG [0x1bd]
                        MDP_XRT_ARS_DIS          1 07-F0 d5
2017/06/07 13:17:58.0 XRT_QT_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_QT_PROG_SET      2 07-F0 c4 12
2017/06/07 13:18:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO        1 07-F0 c0
2017/06/07 13:24:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 13:24:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU        1 07-F0 c1
2017/06/07 13:24:58.0 XRT_FOCUS_POSITION_442_OG [0x1ba]
                        XRT_FOCUS_POSITION        4 07-F8 22 ff aa 00
2017/06/07 13:25:00.0 AOCs_OrE-point_Start_8_OG [0x09e]
                        AOCU_NM                    5 02-76 00 d1 07 2e f9
2017/06/07 13:25:18.0 XRT_FLD_DIS_401_OG [0x191]
                        MDP_XRT_FLD_DIS          1 07-F0 d9
2017/06/07 13:25:20.0 XRT_FLRCTRL_DIS_404_OG [0x194]
                        MDP_XRT_FLRCTRL_DIS      1 07-F0 c9
2017/06/07 13:27:56.0 XRT_ARS_DIS_445_OG [0x1bd]
                        MDP_XRT_ARS_DIS          1 07-F0 d5
2017/06/07 13:27:58.0 XRT_QT_PROG_SET_429_OG [0x1ad]

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2017/06/07	13:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	13:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	13:34:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2017/06/07	13:35:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04	00 00 00 00
2017/06/07	13:35:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/07	13:35:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/07	13:35:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/07	13:35:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/07	13:35:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	13:37:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2017/06/07	13:37:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/06/07	13:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	13:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	13:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	13:59:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/07	14:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/07	14:32:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/07	14:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	15:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	15:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	15:37:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/07	15:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/07	16:22:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/07	16:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	17:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	17:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	17:16:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/07	17:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/07	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2017/06/07	18:00:00.0	AOCS_Or-e-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00 00 00 00
2017/06/07	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/06/07	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/06/07	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/07	18:02:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2017/06/07	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2017/06/07	18:10:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04	00 00 00 00
2017/06/07	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/07	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/07	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/07	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/07	18:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	18:12:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2017/06/07	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/06/07	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2017/06/07	18:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	18:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	18:54:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/07	18:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/07	19:35:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/07	19:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	20:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	20:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	20:32:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/07	20:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/07	21:13:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/07	21:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	22:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	22:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	22:11:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/07	22:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/07	22:48:30.5	XRT_Custom_430_OG [0x1ae]					
2017/06/07	22:49:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/07	23:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/07	23:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/07	23:49:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/07	23:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/08	00:19:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/08	00:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/08	01:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/08	01:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/08	01:28:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/08	01:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/08	01:57:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/08	01:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/08	03:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/08	03:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/08	03:03:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/08	03:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/08	03:36:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/08	03:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/08	04:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/08	04:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/08	04:32:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/08	04:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/08	05:14:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/08	05:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/08	05:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/08	05:29:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/06/08	05:30:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00	
2017/06/08	05:30:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/06/08	05:32:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/06/08	05:32:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/08	05:32:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2017/06/08	05:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2017/06/08	05:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	05:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	05:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/06/08	05:40:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2017/06/08	05:40:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/08	05:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/08	05:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/08	05:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/08	05:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	05:42:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2017/06/08	05:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/06/08	05:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	06:12:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	06:12:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	06:12:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	06:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	06:52:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	06:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	07:52:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	07:52:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	07:52:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	07:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	08:31:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	08:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	09:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	09:32:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	09:32:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	09:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	10:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	10:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	10:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/06/08	10:10:00.0	AOCS_ORe-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00 b2 f2 01 f3				
2017/06/08	10:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/08	10:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/08	10:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/08	10:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/08	10:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	10:12:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2017/06/08	10:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/06/08	10:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	11:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	11:18:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	11:18:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	11:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	11:48:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	11:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	12:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	12:56:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

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2017/06/08	12:56:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	12:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	13:26:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	13:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	14:34:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	14:34:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	14:34:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	14:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	15:10:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	15:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	16:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	16:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/06/08	16:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2017/06/08	16:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/08	16:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/08	16:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/08	16:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/08	16:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	16:12:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2017/06/08	16:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/06/08	16:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	16:13:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	16:13:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	16:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	16:57:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	16:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	17:36:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	17:36:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/06/08	17:37:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/06/08	17:37:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/06/08	17:39:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/06/08	17:39:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/08	17:39:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2017/06/08	17:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	17:46:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	17:46:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/06/08	17:47:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2017/06/08	17:47:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/08	17:47:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/08	17:47:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/08	17:47:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/08	17:47:24.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	17:49:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2017/06/08	17:49:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/06/08	17:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	17:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	17:51:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	17:51:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

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2017/06/08	17:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	18:34:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	18:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	19:30:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	19:30:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	19:30:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	19:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	20:10:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	20:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	21:08:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	21:08:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	21:08:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	21:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	21:47:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	21:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/08	22:46:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/08	22:46:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/08	22:46:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/08	22:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/08	23:22:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/08	23:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/09	00:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/09	00:25:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/09	00:25:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/09	00:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/09	00:55:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/09	00:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/09	02:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/09	02:02:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/09	02:02:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/09	02:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/09	02:33:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/09	02:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/09	03:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/09	03:38:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/09	03:38:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/09	03:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/09	04:11:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/09	04:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/09	05:08:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/09	05:08:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/09	05:08:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/09	05:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/09	05:50:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/09	05:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/09	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/09	05:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/06/09	06:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/06/09	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/06/09	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/06/09	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							

2017/06/09	06:02:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/09	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2017/06/09	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/09	06:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/09	06:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/06/09	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00
2017/06/09	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/09	06:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/09	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/09	06:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/09	06:12:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/09	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2017/06/09	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/09	06:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/09	06:48:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/09	06:48:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/09	06:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/09	07:28:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/09	07:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/09	08:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/09	08:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/09	08:28:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/09	08:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/09	09:06:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/09	09:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/09	10:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/09	10:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/09	10:09:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/09	10:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/09	10:45:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/09	10:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/09	11:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/09	11:53:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/09	11:53:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/09	11:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/09	12:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/09	12:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/09	13:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/09	13:32:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/09	13:32:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/09	13:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/09	14:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/09	14:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2017/06/09	15:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/09	15:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/09	15:10:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/09	15:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/09	15:46:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/09	15:47:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
			MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2017/06/09	15:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	15:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/09	15:50:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/09	15:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/09	15:55:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/09	15:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/09	16:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	16:48:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/09	16:48:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/09	16:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/09	17:32:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/09	17:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/09	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	18:02:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/09	18:03:00.0	AOCs_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00		
2017/06/09	18:03:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/06/09	18:05:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/06/09	18:05:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/09	18:05:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2017/06/09	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/09	18:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	18:12:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/06/09	18:13:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04 00 00 00 00		
2017/06/09	18:13:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/09	18:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/09	18:13:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/09	18:13:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/09	18:13:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/09	18:15:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2017/06/09	18:15:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/09	18:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/09	18:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	18:27:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/09	18:27:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/09	18:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/09	19:08:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/09	19:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/09	20:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	20:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/09	20:05:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/09	20:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/09	20:46:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/09	20:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/09	21:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	21:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/09	21:43:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/09	21:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/09	22:22:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/09	22:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		

2017/06/09	23:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/09	23:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/09	23:22:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/09	23:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/09	23:52:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/09	23:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/10	01:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/10	01:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/10	01:00:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/10	01:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/10	01:30:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/10	01:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/10	02:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/10	02:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/10	02:36:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/10	02:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/10	03:08:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/10	03:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/10	04:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/10	04:04:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/10	04:04:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/10	04:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/10	04:47:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/10	04:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/10	05:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/10	05:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/10	05:44:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/10	05:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/10	06:25:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/10	06:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/10	06:30:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/10	06:30:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/06/10	06:31:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00		
2017/06/10	06:31:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/06/10	06:33:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/06/10	06:33:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/10	06:33:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2017/06/10	06:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/10	06:40:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/10	06:40:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/06/10	06:41:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04 00 00 00 00		
2017/06/10	06:41:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/10	06:41:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/10	06:41:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/10	06:41:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/10	06:41:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/10	06:43:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2017/06/10	06:43:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/06/10	06:44:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		

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2017/06/10	07:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	07:24:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/10	07:24:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/10	07:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/10	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	07:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	07:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/06/10	08:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00	
2017/06/10	08:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/10	08:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/10	08:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/10	08:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/10	08:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/10	08:02:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2017/06/10	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/06/10	08:03:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/10	08:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/10	09:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	09:04:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/10	09:04:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/10	09:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/10	09:42:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/10	09:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/10	09:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	09:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	09:44:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/06/10	09:45:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 54 b4 01 f3	
2017/06/10	09:45:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/10	09:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/10	09:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/10	09:45:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/10	09:45:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/10	09:47:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2017/06/10	09:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/06/10	09:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/10	10:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	10:46:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/10	10:46:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/10	10:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/10	11:20:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/10	11:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/10	12:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	12:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/10	12:29:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/10	12:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/10	12:59:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/10	13:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/10	14:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/10	14:07:02.0	XRT_FLD_RESET_415_OG [0x19f]					

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2017/06/10	14:07:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/10	14:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/10	14:41:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/10	14:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/10	15:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	15:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2017/06/10	15:45:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04 00 00 00 00			
2017/06/10	15:45:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/10	15:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/10	15:45:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/10	15:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/10	15:45:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	15:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	15:45:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	15:45:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/10	15:47:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2017/06/10	15:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2017/06/10	15:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/10	16:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	16:12:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	16:12:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2017/06/10	16:13:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00			
2017/06/10	16:13:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/10	16:13:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/10	16:13:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/10	16:13:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/10	16:13:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	16:15:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2017/06/10	16:15:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2017/06/10	16:30:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/10	16:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/10	17:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	17:24:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	17:24:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/10	17:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/10	18:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	18:06:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2017/06/10	18:07:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00			
2017/06/10	18:07:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2017/06/10	18:09:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/06/10	18:09:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/10	18:09:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
2017/06/10	18:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/10	18:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	18:16:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2017/06/10	18:17:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04 00 00 00 00			
2017/06/10	18:17:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			

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2017/06/10	18:17:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/10	18:17:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/10	18:17:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/10	18:17:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	18:19:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2017/06/10	18:19:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/10	18:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/10	19:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	19:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	19:02:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/10	19:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/10	19:43:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/10	19:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/10	20:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	20:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	20:40:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/10	20:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/10	21:21:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/10	21:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/10	22:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	22:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	22:19:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/10	22:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/10	22:46:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00 00 00 00		
2017/06/10	22:51:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	22:51:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	22:51:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2017/06/10	22:52:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/10	22:52:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/10	22:52:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/10	22:52:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/10	22:52:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	22:54:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2017/06/10	22:54:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/10	22:56:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/10	22:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/10	23:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/10	23:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/10	23:57:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/11	00:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/11	00:05:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04	00 00 00 00		
2017/06/11	00:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/11	00:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2017/06/11	00:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/11	00:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/11	00:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/11	00:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/11	00:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			

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2017/06/11	00:12:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2017/06/11	00:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2017/06/11	00:27:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/11	00:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/11	01:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	01:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/11	01:35:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/11	01:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/11	02:05:30.0	XRT_Custom_430_OG [0x1ae]						
2017/06/11	02:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/11	03:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	03:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/11	03:10:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/11	03:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/11	03:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	03:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	03:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2017/06/11	03:40:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00 00 00 00	
2017/06/11	03:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/11	03:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/11	03:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/11	03:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/11	03:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/11	03:42:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2017/06/11	03:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2017/06/11	03:44:00.0	XRT_Custom_430_OG [0x1ae]						
2017/06/11	03:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/11	04:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	04:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/11	04:40:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/06/11	04:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/06/11	05:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	05:22:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2017/06/11	05:23:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00 00 00 00	
2017/06/11	05:23:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/06/11	05:25:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/06/11	05:25:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/11	05:25:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
2017/06/11	05:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/06/11	05:32:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	05:32:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/06/11	05:32:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2017/06/11	05:33:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/06/11	05:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/06/11	05:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/06/11	05:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/06/11	05:33:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/06/11	05:35:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	

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2017/06/11	05:35:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2017/06/11	05:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/11	06:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/11	06:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/11	06:20:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/11	06:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/11	07:01:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/11	07:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/11	07:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/11	07:22:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/06/11	07:23:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04 00 00 00 00	
2017/06/11	07:23:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/11	07:23:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/11	07:23:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/11	07:23:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/11	07:23:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/11	07:25:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2017/06/11	07:25:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/06/11	07:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/11	08:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/11	08:01:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/11	08:01:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/11	08:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/11	08:39:00.0	XRT_Custom_430_OG [0x1ae]					
2017/06/11	08:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/11	09:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/11	09:40:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/11	09:40:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/11	09:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/11	10:17:30.0	XRT_Custom_430_OG [0x1ae]					
2017/06/11	10:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/11	11:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/11	11:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/11	11:26:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/06/11	11:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/06/11	11:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/11	11:52:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/06/11	11:52:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/06/11	11:53:00.0	AOCS_Or-e-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 00 00 00 00	
2017/06/11	11:53:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/06/11	11:53:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/06/11	11:53:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/06/11	11:53:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/06/11	11:53:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/06/11	11:55:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2017/06/11	11:55:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/06/11	11:56:00.5	XRT_Custom_430_OG [0x1ae]					
2017/06/11	11:57:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/06/11	13:04:00.0	XRT_CTRL_MANU_400_OG [0x190]					

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2017/06/11	13:04:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/11	13:04:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/11	13:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/11	13:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/11	13:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/06/11	13:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	04	00	00	00	00
2017/06/11	13:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/11	13:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/11	13:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/11	13:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/11	13:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/11	13:12:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2017/06/11	13:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/11	13:34:00.0	XRT_Custom_430_OG [0x1ae]								
2017/06/11	13:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/11	14:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/11	14:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/11	14:42:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/11	14:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/11	15:18:30.0	XRT_Custom_430_OG [0x1ae]								
2017/06/11	15:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/11	16:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/11	16:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/11	16:21:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/11	16:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/11	16:47:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/11	16:47:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/11	16:47:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/06/11	16:48:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00	00
2017/06/11	16:48:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/11	16:48:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/11	16:48:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/11	16:48:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/11	16:48:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/11	16:50:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2017/06/11	16:50:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/11	17:05:00.0	XRT_Custom_430_OG [0x1ae]								
2017/06/11	17:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/11	17:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/11	17:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/11	17:59:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/11	18:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/11	18:41:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/11	18:41:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/06/11	18:42:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00	00	00	00
2017/06/11	18:42:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/06/11	18:44:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/06/11	18:44:56.0	XRT_ARS_DIS_423_OG [0x1a7]								

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2017/06/11	18:44:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/11	18:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2017/06/11	18:51:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/11	18:51:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/11	18:52:00.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/06/11	18:52:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00
2017/06/11	18:52:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/11	18:52:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/11	18:52:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/11	18:52:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/11	18:54:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/11	18:54:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2017/06/11	18:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/11	19:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/11	19:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/11	19:37:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/11	19:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/11	20:18:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/11	20:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2017/06/11	21:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/11	21:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/11	21:16:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/11	21:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/11	21:55:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/11	21:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2017/06/11	22:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/11	22:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/11	22:54:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/11	22:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/11	23:21:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/11	23:21:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/11	23:21:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/11	23:22:00.0	AOCS_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/06/11	23:22:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 00 00 00 00
2017/06/11	23:22:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/06/11	23:22:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/11	23:22:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/11	23:22:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/11	23:24:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/11	23:24:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2017/06/11	23:30:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/11	23:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2017/06/12	00:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/12	00:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/12	00:33:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/12	00:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/12	00:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/12	00:39:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2017/06/12	00:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
			AOCU_NM	5	02-76	04	00	00	00
2017/06/12	00:40:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/12	00:40:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/12	00:40:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/12	00:40:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	00:40:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	00:42:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2017/06/12	00:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/12	01:03:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	01:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	01:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	01:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	01:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/12	01:30:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	03	00	00	00
2017/06/12	01:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/12	01:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/12	01:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/12	01:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	01:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	01:32:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2017/06/12	01:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/12	01:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	02:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	02:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	02:10:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	02:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	02:41:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	02:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	03:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	03:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	03:43:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	03:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	04:19:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	04:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	05:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	05:16:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	05:16:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	05:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	05:58:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	05:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	06:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	06:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	06:56:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	06:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	07:35:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	07:35:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2017/06/12	07:36:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00	00	00
2017/06/12	07:36:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			

2017/06/12	07:38:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/06/12	07:38:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/12	07:38:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2017/06/12	07:39:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/12	07:45:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/12	07:45:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/06/12	07:46:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04	00	00	00	00
2017/06/12	07:46:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/12	07:46:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/12	07:46:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/12	07:46:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/12	07:46:24.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/12	07:48:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2017/06/12	07:48:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/12	07:49:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/12	08:36:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/12	08:36:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/12	08:36:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/12	08:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/12	09:14:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	09:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/12	10:17:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/12	10:17:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/12	10:17:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/12	10:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/12	10:49:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/12	10:49:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/12	10:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/06/12	10:50:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	00	00	00	00
2017/06/12	10:50:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/12	10:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/12	10:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/12	10:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/12	10:50:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/12	10:52:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2017/06/12	10:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/12	10:53:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	10:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/12	12:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/12	12:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/12	12:01:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/12	12:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/12	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/12	12:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/06/12	12:10:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	04	00	00	00	00
2017/06/12	12:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/12	12:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/12	12:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]							

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2017/06/12	12:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	12:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	12:12:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2017/06/12	12:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/12	12:31:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	12:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	13:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	13:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	13:39:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	13:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	14:09:30.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	14:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	15:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	15:18:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	15:18:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	15:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	15:54:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	15:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	15:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	15:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	15:55:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	15:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	16:03:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	16:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	16:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	16:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	16:56:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	16:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	17:23:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	17:23:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	17:23:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2017/06/12	17:24:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00 00 00 00		
2017/06/12	17:24:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/12	17:24:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/12	17:24:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/12	17:24:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	17:24:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	17:26:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2017/06/12	17:26:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/12	17:40:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/12	17:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	18:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	18:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	18:34:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/12	18:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/12	19:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	19:16:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00		
2017/06/12	19:17:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00 00 00 00		
2017/06/12	19:17:16.0	XRT_FLD_DIS_409_OG [0x199]							

2017/06/12	19:19:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9			
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/06/12	19:19:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	19:19:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13		
2017/06/12	19:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	19:26:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	19:26:56.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/12	19:27:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00	ad	59	00 00
2017/06/12	19:27:16.0	XRT_ROI_A_428_OG [0x1ac]	MDP_XRT_ROI_SET	6	07-F0	cd	06	85	83 06 06
			MDP_XRT_ROI_SET	6	07-F0	cd	07	80	60 20 18
			MDP_XRT_ROI_SET	6	07-F0	cd	08	80	80 20 20
			MDP_XRT_ROI_SET	6	07-F0	cd	09	a0	80 18 20
			MDP_XRT_ROI_SET	6	07-F0	cd	0c	80	80 20 08
			MDP_XRT_ROI_SET	6	07-F0	cd	0d	80	80 08 20
			MDP_XRT_ROI_SET	6	07-F0	cd	0e	80	80 08 08
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80 06 06
2017/06/12	19:27:16.5	XRT_ROI_B_434_OG [0x1b2]	MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80 06 06
			MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80 08 08
2017/06/12	19:27:21.5	XRT_FLD_DIS_441_OG [0x1b9]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2017/06/12	19:41:59.5	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/06/12	19:42:01.5	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	19:42:03.5	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2017/06/12	19:42:05.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	21:26:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	21:26:56.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/12	21:27:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	00	00	56 35
2017/06/12	21:27:16.0	XRT_FLD_DIS_441_OG [0x1b9]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2017/06/12	21:41:54.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/06/12	21:41:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	21:41:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2017/06/12	21:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/12	23:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	23:56:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/12	23:56:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/12	23:57:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00	00	00 00
2017/06/12	23:57:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/06/12	23:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/06/12	23:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/06/12	23:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/06/12	23:57:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/12	23:59:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08		
2017/06/12	23:59:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2017/06/13	00:00:00.0	XRT_Custom_430_OG [0x1ae]							
2017/06/13	00:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/06/13	01:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/13	01:08:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/06/13	01:08:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/06/13	01:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/06/13	01:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/06/13	01:14:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2017/06/13	01:15:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	fb	03	af cf
2017/06/13	01:15:16.0	XRT_FLD_ENA_411_OG [0x19b]							

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2017/06/13	01:15:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/13	01:15:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/13	01:15:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/13	01:15:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/13	01:17:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2017/06/13	01:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/13	01:38:00.0	XRT_Custom_430_OG [0x1ae]								
2017/06/13	01:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/13	02:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/13	02:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/13	02:44:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/13	02:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/13	03:16:30.0	XRT_Custom_430_OG [0x1ae]								
2017/06/13	03:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/13	04:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/13	04:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/13	04:12:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/13	04:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/13	04:51:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/13	04:51:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/13	04:51:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2017/06/13	04:52:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00 00 00 00			
2017/06/13	04:52:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/13	04:52:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/06/13	04:52:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/06/13	04:52:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/13	04:52:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/13	04:54:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2017/06/13	04:54:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/06/13	04:55:00.0	XRT_Custom_430_OG [0x1ae]								
2017/06/13	04:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/13	05:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/13	05:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/06/13	05:52:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/06/13	05:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/06/13	06:33:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/13	06:33:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			
2017/06/13	06:34:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	00 00 00 00			
2017/06/13	06:34:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/06/13	06:36:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/06/13	06:36:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/06/13	06:36:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2017/06/13	06:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/06/13	06:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/06/13	06:43:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2017/06/13	06:44:00.0	AOCS_Ore-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	fb 03 af cf			
2017/06/13	06:44:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/06/13	06:44:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								

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2017/06/13	06:44:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/06/13	06:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/06/13	06:44:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/06/13	06:46:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/13	06:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2017/06/13	06:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/06/13	07:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/13	07:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/13	07:33:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/13	07:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/13	08:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/06/13	08:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2017/06/13	09:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2017/06/13	09:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/06/13	09:12:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/06/13	09:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/06/13	09:47:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/06/13	09:48:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_CTRL_MANU	1	07-F0	c1
			AOCU_NM	5	02-76	00 00 00 00 00