

XRT Timeline to be uploaded on 2018/02/17

Period: 2018/02/17 10:44:00 - 2018/02/22 10:56:00

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Normal mode

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XOB #1BC7: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(2048ms), Al/Poly(4096ms) - w leak image-1ms

Term	Pointing (x, y)	Comment
02/17 12:18:00 - 02/17 12:24:54	Fixed (-528.4, -528.4)	# XRT post bakeout quadrant pointings. 1/4
PROG= 17 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= 3 2-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close Safe Norm 4.00s 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 #1BC8: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
02/17 12:28:00 - 02/17 12:34:54	Fixed (528.4, -528.4)	# 2/4
PROG= 11 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= 3 2-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close Safe Norm 4.00s 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 #1BC9: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
02/17 12:38:00 - 02/17 12:44:54	Fixed (528.4, 528.4)	# 3/4
PROG= 08 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= 3 2-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close Safe Norm 4.00s 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 #1BCA: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms

Term	Pointing (x, y)	Comment
02/17 12:48:00 - 02/17 12:54:54	Fixed (-528.4, 528.4)	# 4/4
PROG= 09 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		

Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 36 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 4.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 46 1-time(s) 2.0sec												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 17 1-time(s) 2.0sec												
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 25 1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BC4: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 90s cad

Term	Pointing (x, y)	Comment
02/18 00:03:05 - 02/18 05:28:24	Fixed (930.0, -127.1)	# AR 12699 at the limb.
02/18 05:41:30 - 02/18 09:59:54	Fixed (930.0, -127.1)	# AR cont.

PROG= 19 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 71 3-time(s) 2.0sec												
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	1024x1024 (1536, 1536)	Q=98	3	0	2.0sec
Subr= 2 30-time(s) 90.0sec												
Seqn= 89 1-time(s) 24.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024 (1536, 1536)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	2	0	14.0sec
Seqn= 58 1-time(s) 24.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Seqn= 48 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BDC: HOP341 - High cadence (10s Al/poly only) 384x384 at 1064 1048

Term	Pointing (x, y)	Comment
02/18 10:03:00 - 02/18 17:54:00	Track (-20.1, -131.0) @ 02/18 10:00:00	# HOP 341
02/18 18:31:00 - 02/19 06:02:24	Track (56.5, -131.0) @ 02/18 18:28:00	# HOP 341
02/19 06:15:30 - 02/19 06:31:30	Track (161.9, -132.2) @ 02/19 06:12:30	# HOP 341

PROG= 20 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 20-time(s) 2.0sec												
Seqn= 74 60-time(s) 10.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BD6: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
02/19 07:03:00 - 02/19 17:59:54	Fixed (0.0, 0.0)	# QS disk center fixed pointing.
02/19 18:13:00 - 02/19 21:43:30	Track (431.8, -10.8) @ 02/19 18:10:00	# QS cont.

PROG= 14 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		8-time(s)		900.0sec								
Seqn= 8		1-time(s)		2.0sec								
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6		1-time(s)		2.0sec								
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
02/19 22:07:30 - 02/20 00:57:30	Track (-19.9, 600.0) @ 02/19 22:00:00	# HOP 336 North Hemisphere.
02/20 01:33:00 - 02/20 06:04:24	Track (-20.0, -650.0) @ 02/20 01:30:00	# HOP 336 South Hemisphere.
PROG= 10 Inf-time(s)		
Subr= 1		1-time(s)
Seqn= 16		2-time(s)
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)
Seqn= 90		1-time(s)
Open/G-band	Open/G-band	open
Safe	Norm	1ms
Obs	1x1	384x384 (1064, 1048)
Q=90	0	0
2.0sec		
Subr= 3		15-time(s)
Seqn= 68		1-time(s)
Al-poly/Open	Al-poly/Open	close
Safe	Norm	4.00s
Obs	1x1	384x384 (1064, 1048)
Q=90	0	0
2.0sec		
Al-poly/Open	Al-poly/Open	close
Safe	Norm	500ms
Obs	1x1	384x384 (1064, 1048)
Q=90	0	0
2.0sec		
Default Filter	Thicker Filter	VLS
mode	image	Exp.
CCD	Bin	ROI: size (center)
Comp.	AEC Buffer	Interval

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Flare mode

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

Term	Pointing (x, y)	Comment
02/17 13:08:00 - 02/17 15:29:54	Track (-50.8, 0.1) @ 02/17 12:55:00	# QS cont.
02/17 16:07:30 - 02/17 17:59:54	Track (-50.8, 0.1) @ 02/17 12:55:00	# QS cont.
02/17 18:13:00 - 02/17 20:23:24	Track (-1.6, 0.4) @ 02/17 18:10:00	# QS cont.
02/17 20:58:00 - 02/17 22:59:54	Track (-1.6, 0.4) @ 02/17 18:10:00	# QS cont.
02/17 23:13:00 - 02/17 23:48:00	Track (-1.6, 0.4) @ 02/17 18:10:00	# QS cont.
02/18 00:03:05 - 02/18 05:28:24	Fixed (930.0, -127.1)	# AR 12699 at the limb.
02/18 05:41:30 - 02/18 09:59:54	Fixed (930.0, -127.1)	# AR cont.
02/18 10:03:00 - 02/18 17:54:00	Track (-20.1, -131.0) @ 02/18 10:00:00	# HOP 341
02/18 18:31:00 - 02/19 06:02:24	Track (56.5, -131.0) @ 02/18 18:28:00	# HOP 341
02/19 06:15:30 - 02/19 06:31:30	Track (161.9, -132.2) @ 02/19 06:12:30	# HOP 341
02/19 07:03:00 - 02/19 17:59:54	Fixed (0.0, 0.0)	# QS disk center fixed pointing.
02/19 18:13:00 - 02/19 21:43:30	Track (431.8, -10.8) @ 02/19 18:10:00	# QS cont.
02/19 22:07:30 - 02/20 00:57:30	Track (-19.9, 600.0) @ 02/19 22:00:00	# HOP 336 North Hemisphere.
02/20 01:33:00 - 02/20 06:04:24	Track (-20.0, -650.0) @ 02/20 01:30:00	# HOP 336 South Hemisphere.
02/20 06:17:30 - 02/20 10:25:00	Fixed (0.0, 0.0)	synoptic, shifted 4.5 min, + disk center observations.
PROG= 13 30-time(s)		
Subr= 1		20-time(s)
Seqn= 11		1-time(s)
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)
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)
Seqn= 10		1-time(s)
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)
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)
Open/G-band	Open/G-band	open
Safe	Norm	1ms
Obs	1x1	384x384 (1024, 1024)
Q=98	0	0
2.0sec		
Open/G-band	Open/G-band	close
Safe	Norm	1ms
Obs	1x1	384x384 (1024, 1024)
Q=98	0	0
2.0sec		
Open/thick-Al	Open/thick-Al	close
Safe	Dark	1.00s
Obs	1x1	384x384 (1024, 1024)
Q=98	0	0
2.0sec		
Open/thick-Al	Open/thick-Al	close
Safe	Dark	1.00s
Obs	2x2	512x512 (1024, 1024)
Q=98	0	0
2.0sec		
Default Filter	Thicker Filter	VLS
mode	image	Exp.
CCD	Bin	ROI: size (center)
Comp.	AEC Buffer	Interval

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Active Region Search

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NOT USED

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Flare Detection

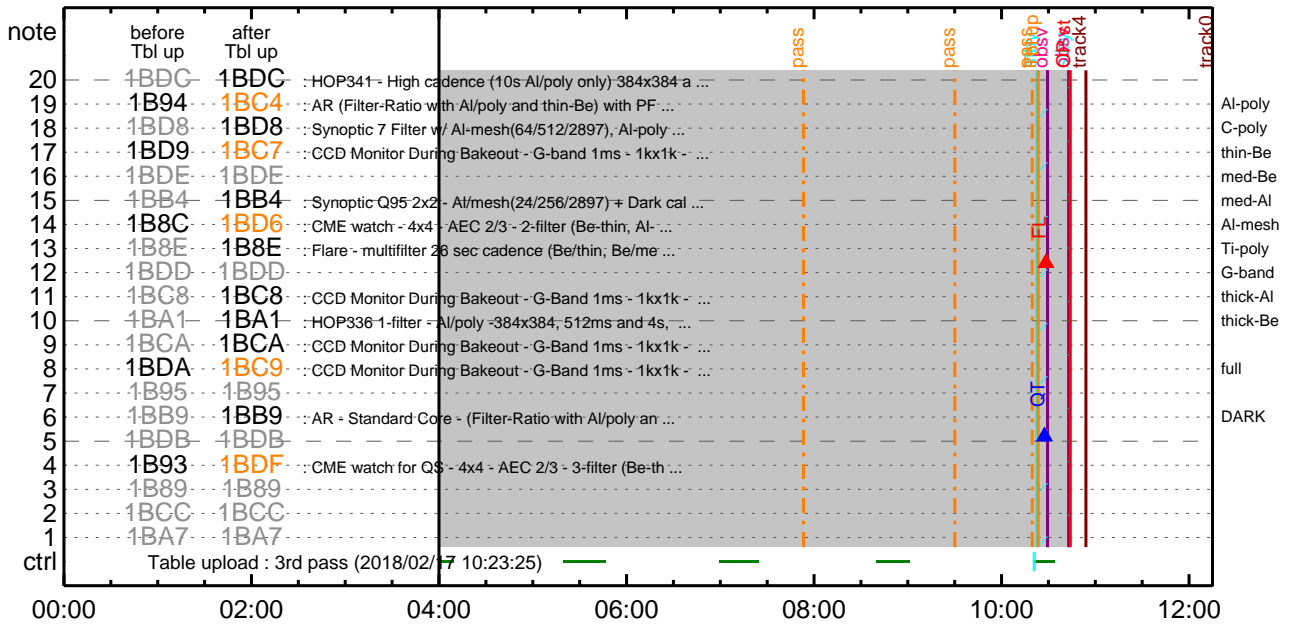
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FLD Patrol

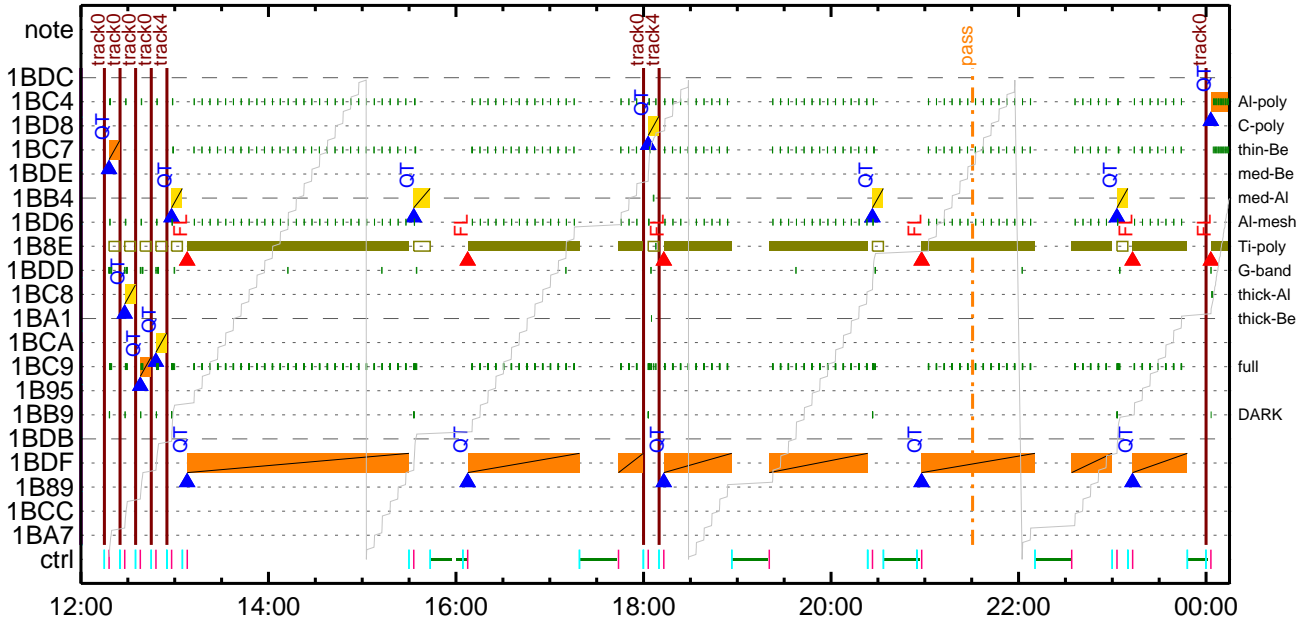
Term	Pointing (x, y)	Comment
02/17 13:05:18 - 02/17 15:30:18	Track (-50.8, 0.1) @ 02/17 12:55:00	# QS cont.

02/17 16:04:48 - 02/17 18:00:18	Track (-50.8, 0.1) @ 02/17 12:55:00	# QS cont.							
02/17 18:10:18 - 02/17 20:23:48	Track (-1.6, 0.4) @ 02/17 18:10:00	# QS cont.							
02/17 20:55:18 - 02/17 23:00:18	Track (-1.6, 0.4) @ 02/17 18:10:00	# QS cont.							
02/17 23:10:18 - 02/18 05:28:48	Track (-1.6, 0.4) @ 02/17 18:10:00	# QS cont.							
02/18 05:38:48 - 02/18 18:18:18	Fixed (930.0, -127.1)	# AR cont.							
02/18 18:28:18 - 02/19 06:06:48	Track (56.5, -131.0) @ 02/18 18:28:00	# HOP 341							
02/19 06:12:48 - 02/19 18:00:18	Track (161.9, -132.2) @ 02/19 06:12:30	# HOP 341							
02/19 18:10:18 - 02/20 06:04:48	Track (431.8, -10.8) @ 02/19 18:10:00	# QS cont.							
02/20 06:14:48 - 02/22 10:56:00	Fixed (0.0, 0.0)	synoptic, shifted 4.5 min, + disk center observations.							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	8x8	Q=50	80sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp. AEC Buffer Interval

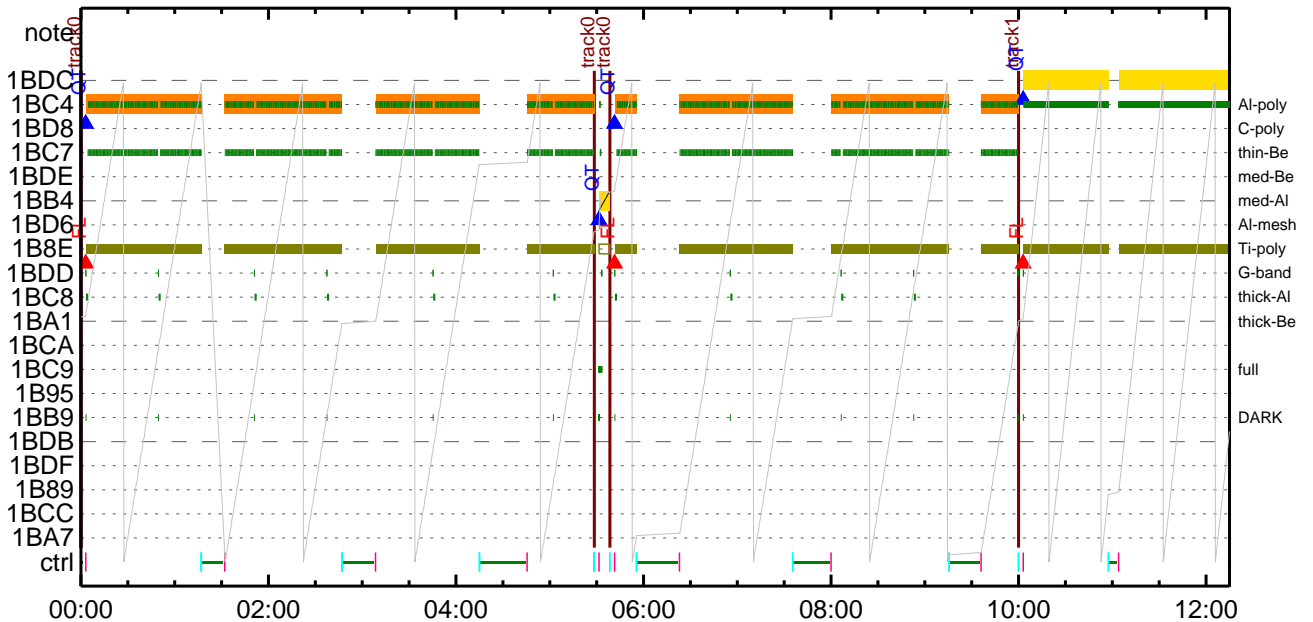
CMDI #0317 2018/02/17



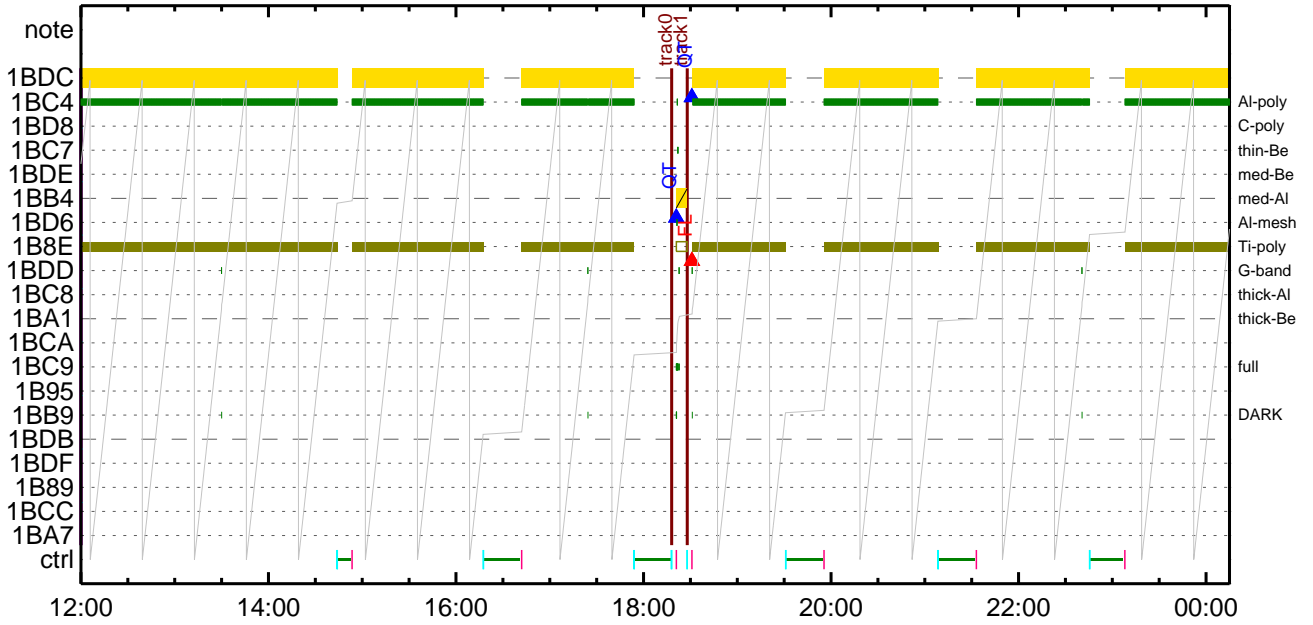
CMDI #0317 2018/02/17



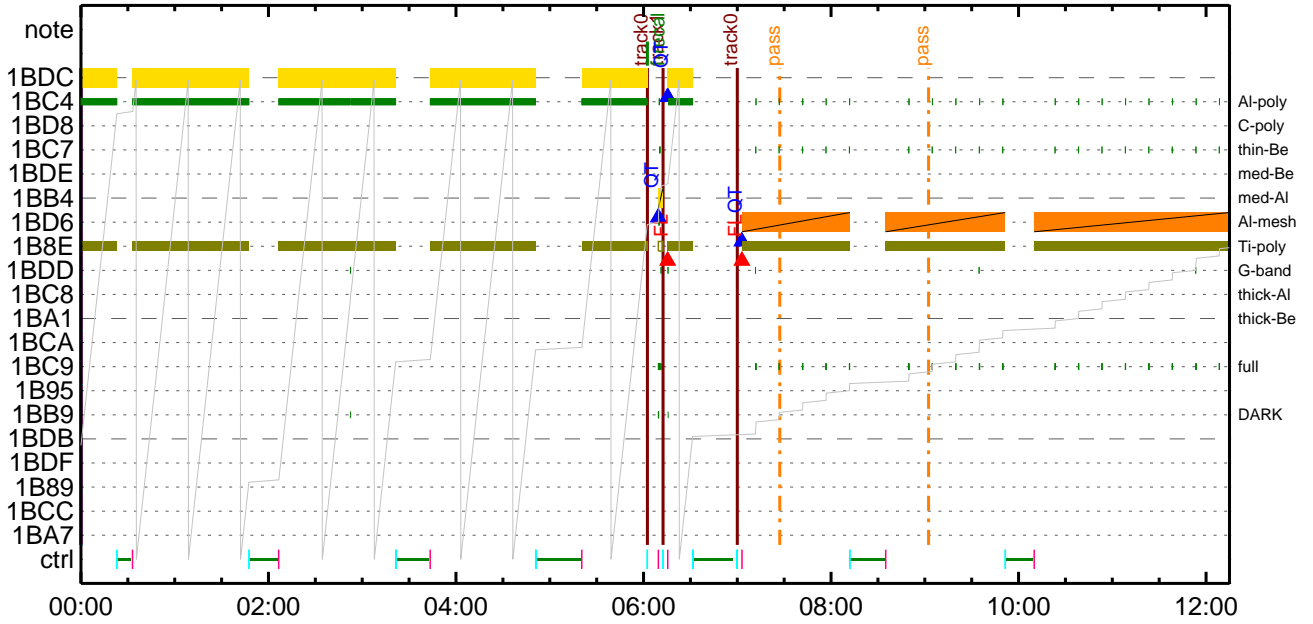
CMDI #0317 2018/02/18



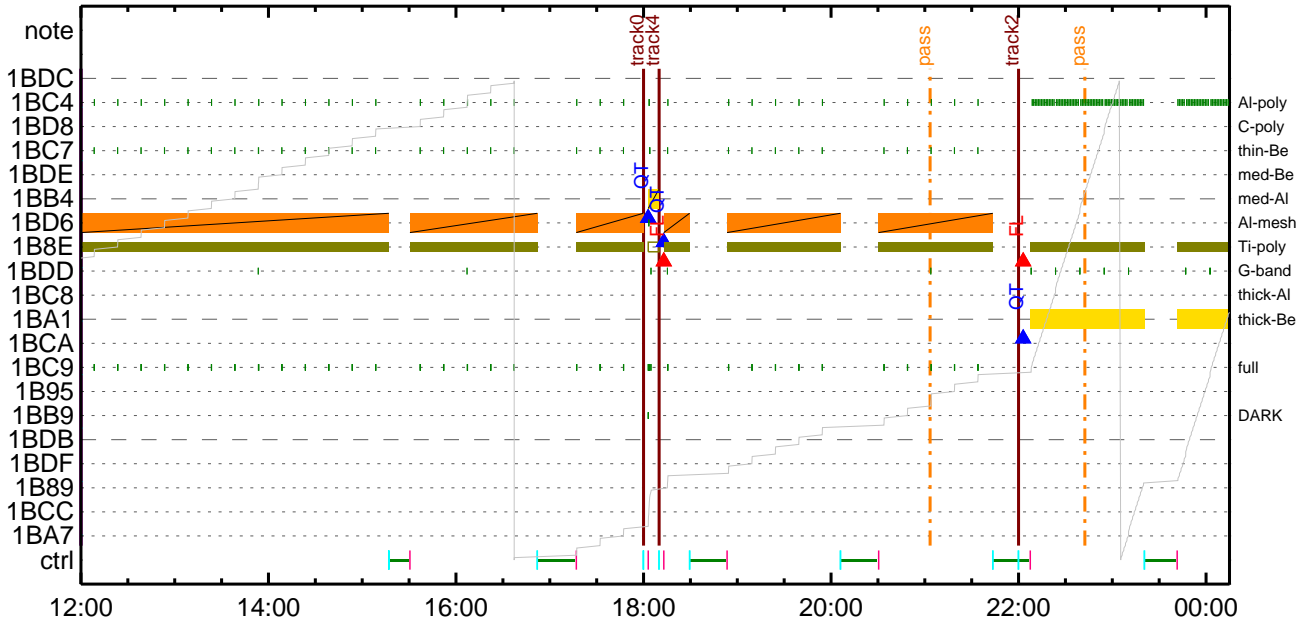
CMDI #0317 2018/02/18



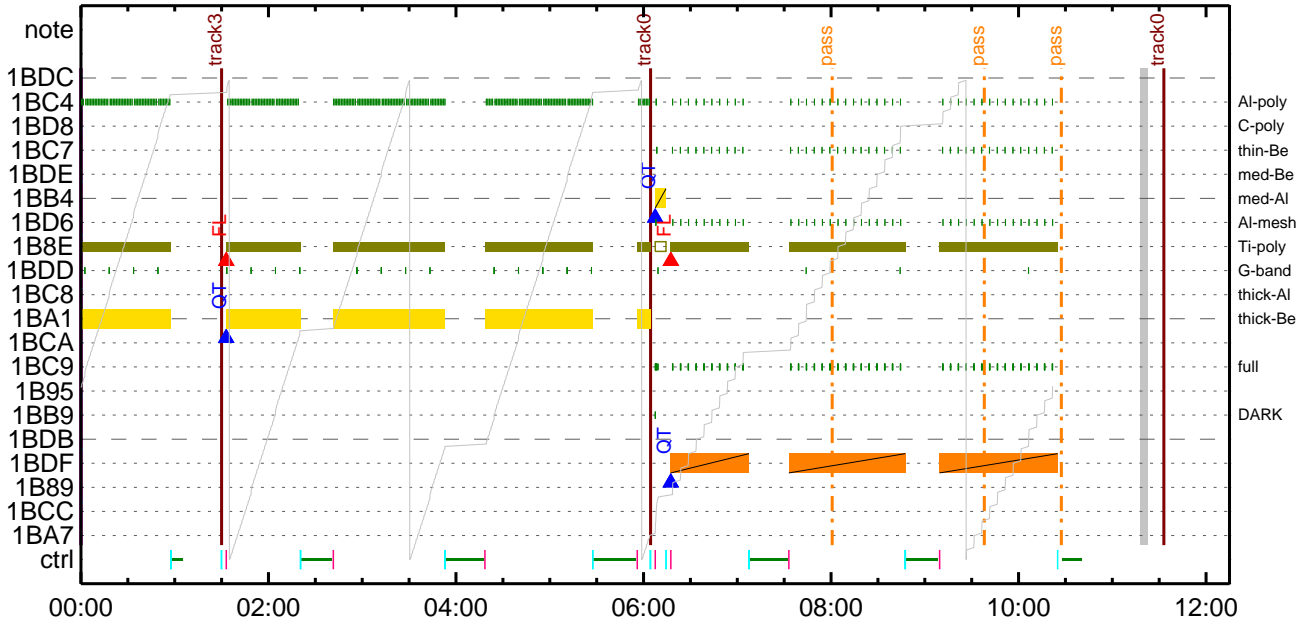
CMDI #0317 2018/02/19



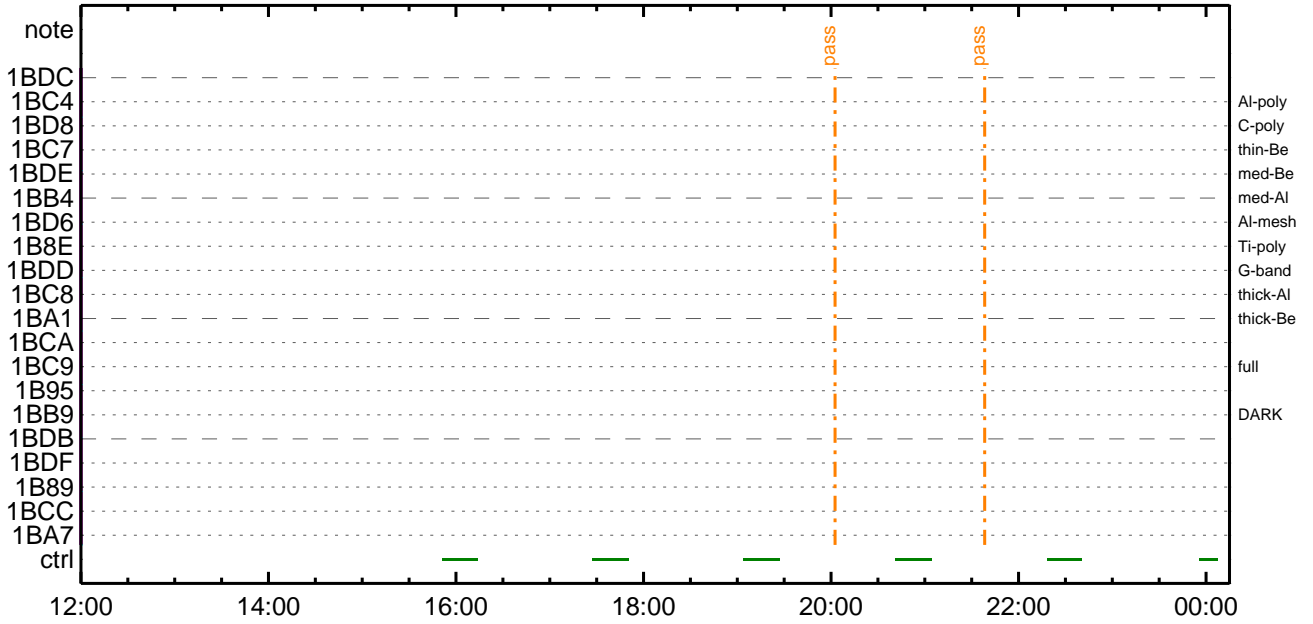
CMDI #0317 2018/02/19



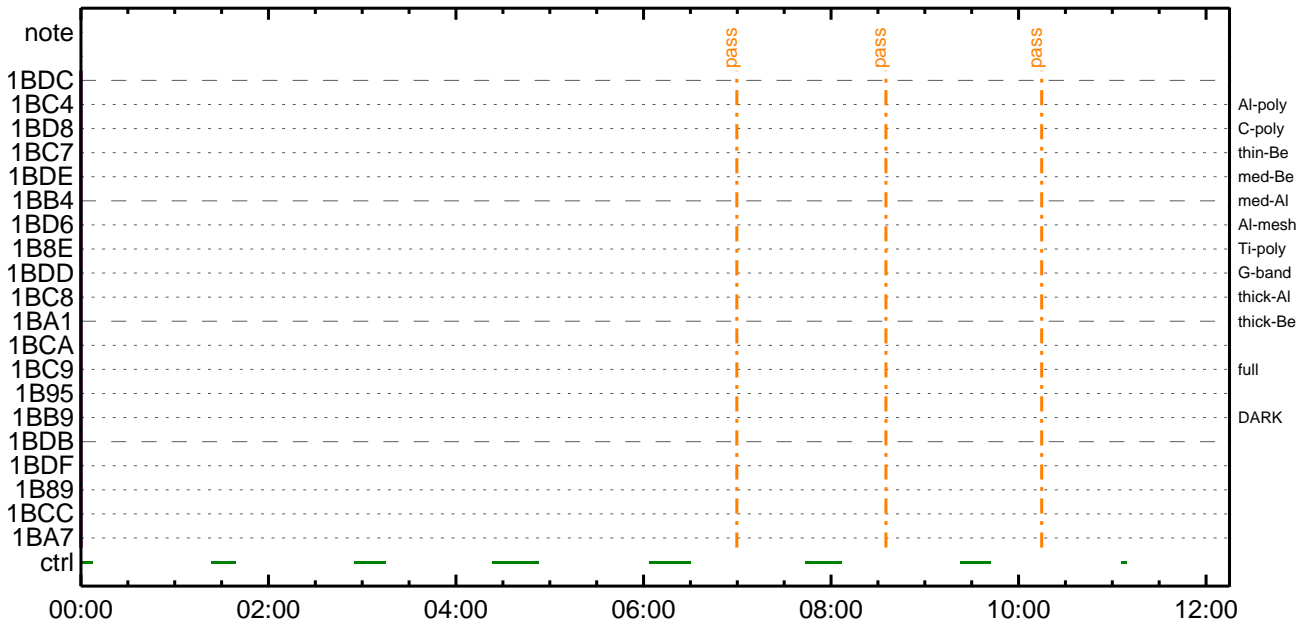
CMDI #0317 2018/02/20



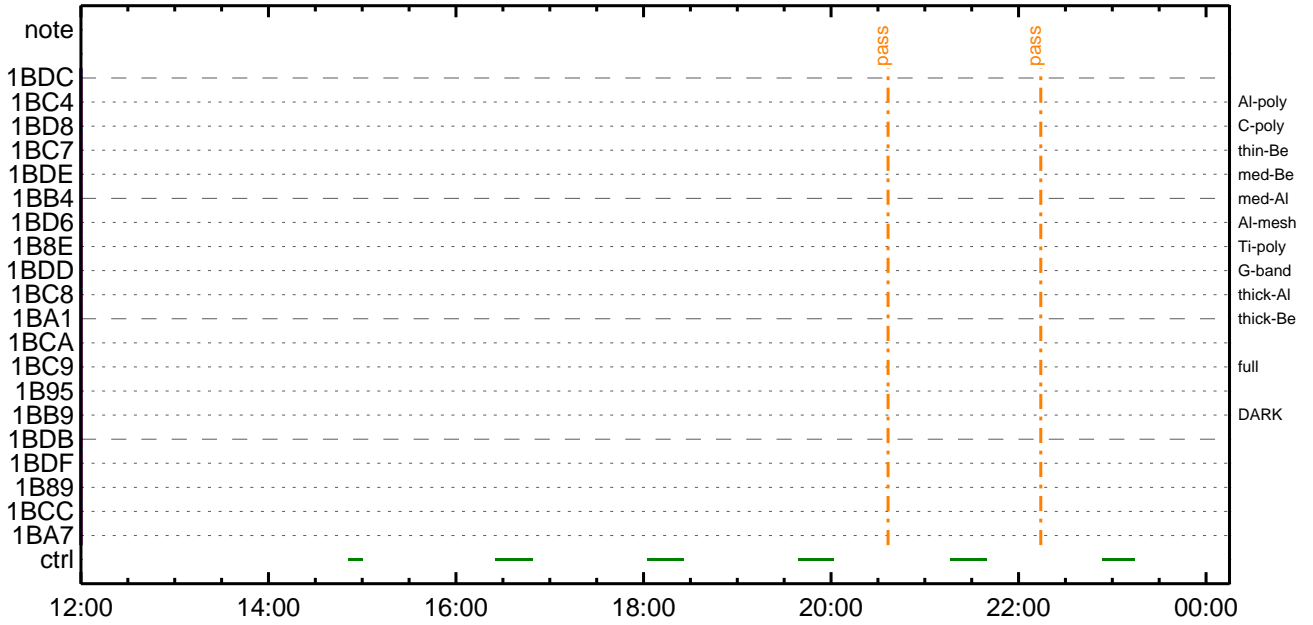
CMDI #0317 2018/02/20



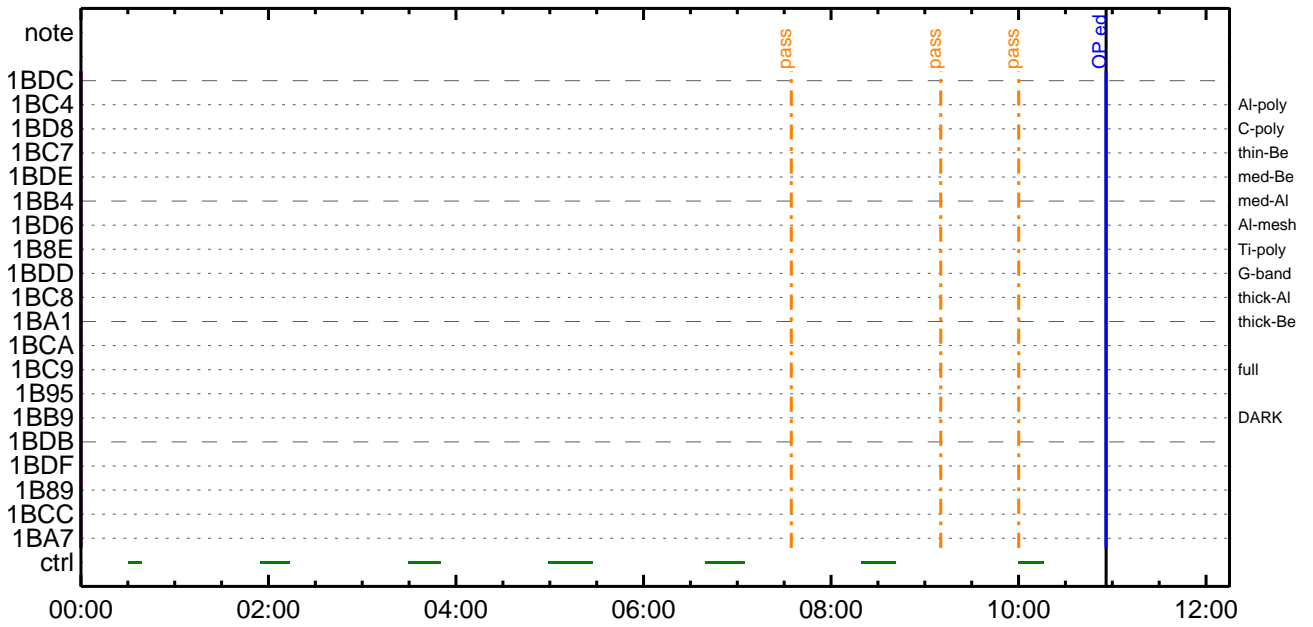
CMDI #0317 2018/02/21



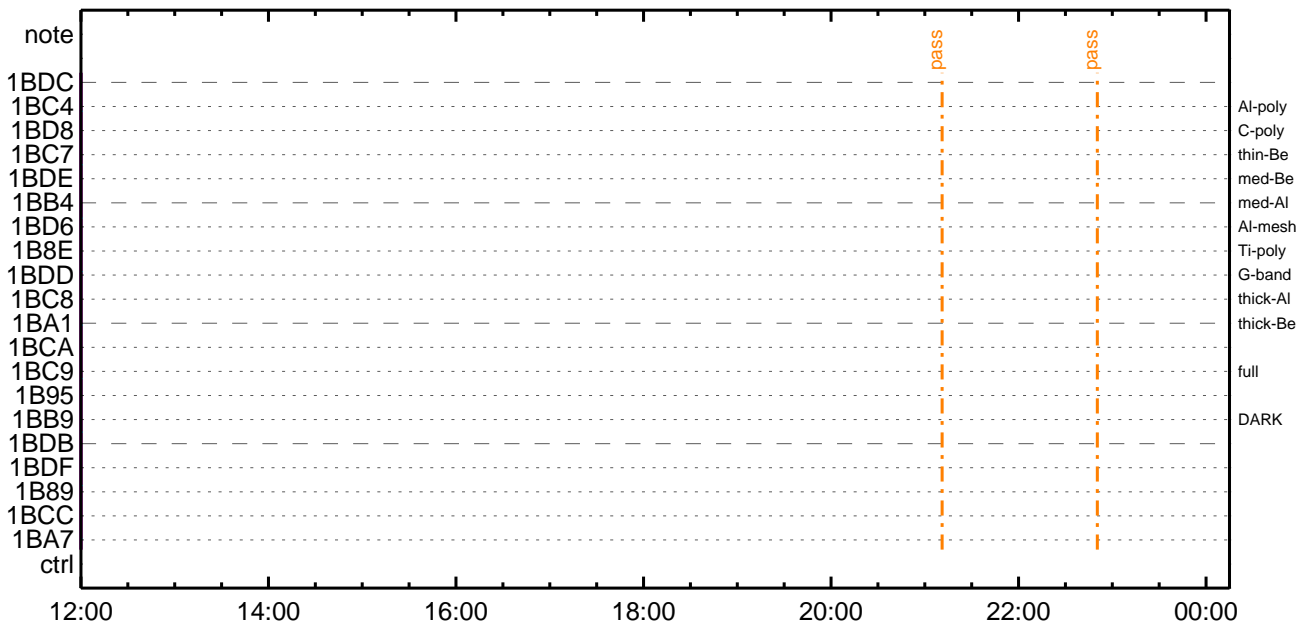
CMDI #0317 2018/02/21



CMDI #0317 2018/02/22



CMDI #0317 2018/02/22




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-184:OP
0104 ( )
0105 S. OG og-184:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAYOX;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. YAYOXx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGñî¼E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGñî¼E¹ç•è²îOKò³îÇ§
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. YAYOXx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPñî¼E¹ç•è²îOKò³îÇ§
0165 C.
0166 C. ***** òE²¼òî¼Ã´¶Á°òEÉ-ò°Á÷¿@ (¼âµ-YAYOXx½ê¼çòðÁÔÃæòÇ¼ª°"òE¼î¹çòçòâ) *****
0167 C. DHUYâ;4YE;E¼Y½;Yî;4YE;Eòðîã¹
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 UPLOADò-Á÷¿@NGñî¼î¹ç;ç°E²¼òî¼TI-CMDÁ÷¿@ñî¼Á¹Ôª°òEòòò³òE;f
0180 C. òEò¿;çSETòEDUMPAîE±°îYNY¹ç¹Ôª|ò³òE;f
0181 C.
0182 C. TIY³YpYóYEòðÁDî¿(UT)
0183 +. TI 2018-02-17 10:39:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2018-02-17 10:39:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2018-02-17 10:39:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```


(a) Spacecraft Operation Procedure (real-commands)

main-185 2018-02-17 12:34:57 144 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY-¼Ä»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFÏYÉÄ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. ÁÏ;Ëç¿ðÀâ•µ°E»Í×ÁÇøÍYçYÄY×YÍ;¼YÉ;ËÈÈµ•ÍÉ;ËõE¼°ÇÕâ•ç¿l¹çâÏ;çÀ®.ùâ¹âõBççÄ+ç®â•õËõõ³õÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+ç®µ;ON
0016 C. *****
0017 C. ç °EÀ,Í×ËYðÀLOSõBççâÏ»ß´Öõð¹ÍÍ,â•;çÉÖÍ×õÈXÁÓONâÏ¹ÖõËõÏõÈõõõ³õÈ;f
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYDÏYóYÉYÍYÄY-¾ÖÁÖð-°ÁÀÈâ•ç¿çé;ç°È²¼õÏ¹EÀ,¼È½çõð¼Á¹Öõ¹õÈ;f
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÏ¼Ï°EÀ,
0033 C. *****
0034 C. ç °EÀ,Í×ËYðÀLOSõBççâÏ»ß´Öõð¹ÍÍ,â•;çÉÖÍ×õÈXÁÓONâÏ¹ÖõËõÏõÈõõõ³õÈ;f
0035 C.
0036 . C. ;ãPT1°EÀ,³«»Ï;ã
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö,¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ö,¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö,¼Ú)
0045 C.
0046 . C. ;ãYçYóYÉYÉÄÙÄØ;ÈÁ•Ä²óÈò;Ë,ãõÏ¹EÀ,°E³«;ã
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö,¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ö,¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö,¼Ú)
0052 C.
0053 C.
0054 . C. PT1°EÀ,ç-¼«E°ÁÀ»ßççâÏ»ß´Öõð¹ÍÍ,â•;çÉÖÍ×õÈXÁÓONâÏ¹ÖõËõÏõÈõõõ³õÈ;f
0055 C. YçYóYÉYÉÄÙÄØõÁ•Ä²óÈò-¾áõ¾Ï¹çâÏ´°Ï»â¹õÈõõõ³õÈçÀÕõÁ;f
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÏ¼Ï°EÀ,
0059 C. *****
0060 C. ç °EÀ,Í×ËYðÀLOSõBççâÏ»ß´Öõð¹ÍÍ,â•;çÉÖÍ×õÈXÁÓONâÏ¹ÖõËõÏõÈõõõ³õÈ;f
0061 C.
0062 . C. ;ãPT2°EÀ,³«»Ï;ã
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö,¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ö,¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö,¼Ú)
0071 C.
0072 . C. ;ãYçYóYÉYÉÄÙÄØ;ÈÁ•Ä²óÈò;Ë,ãõÏ¹EÀ,°E³«;ã
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö,¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ö,¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö,¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°EÀ,Äã»ß;çXÁ+ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EÀ,Äã»ß;ã
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ+ç®µ;OFF;ã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1_XPA_ON/OFF] EQ OFF

```

0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 C.
0130 . C. ***** MDP 'ûÃîñî»ò¼ÿñÈÂðñ¹ñèDCBC•x²è *****
0131 C. (¼â°îÿÓÿÃÿÈÿPÿËÿáÿçÿèñÈ¼ñ¼Ã»Ûñ¹ñè)
0132 . S. DC-BC dcbc-402:DCBC
0133 (MDP_known_event)
0134 C.
0135 C.
0136 . C. ***** ÿDÿ¹•Ï Daily±;îÑñÈ'Øñ¹ñèDCBC•x²è *****
0137 . S. DC-BC dcbc-153:DCBC
0138 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0139 C.
0140 C.
0141 . C. ;ãLOSÿÃÿSÿÿÃÿ¹¼Ã»Û;ã
0142 C.
0143 . C. ***** LOS *****
0144 C.

```



```
0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 10 80 80 08 08)
0098 + DC 07-F0 MDP_XRT_FLD_ENA
0099 BC (d8)
0100 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0101 BC (c8)
0102 + DC 07-F0 MDP_XRT_ARS_DIS
0103 BC (d5)
0104 + DC 07-F0 MDP_XRT_AEC_RESET
0105 BC (d0)
0106 + DC 07-F0 MDP_XRT_FLD_RESET
0107 BC (da)
0108 + DC 07-F0 MDP_XRT_QT_PROG_SET
0109 BC (c4 06)
0110 + DC 07-F0 MDP_XRT_FL_PROG_SET
0111 BC (c5 0d)
0112 . C. ----- Success Verify ? OK / NG ____
0113 C.
0114 C.
0115 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0116 C.
0117 + DC 07-F0 MDP_XRT_MODE_OBSV
0118 BC (c2)
0119 + TI 2018-02-17 10:43:02.0
0120 DC 07-F0 MDP_XRT_MODE_OBSV
0121 BC (c2)
0122 . C. ----- Success Verify ? OK / NG ____
0123 C.
0124 C. ***** XRT END *****
0125 C.
0126 . C. ***** MDP `úÃîñî»ö%ÝñÊÃðñ¹ñèDCBC•x²è *****
0127 C. (%Á°îÝÓÝÃÝÈÝÞÝËÝÁÝÇÝèñÊ%¼ñ¼Ã»Ûñ¹ñè)
0128 . S. DC-BC dcbc-402:DCBC
0129 (MDP_known_event)
0130 C.
0131 C.
0132 . C. ***** ¥D¥¹•İ Daily±¿İÑñÊ`Øñ¹ñèDCBC•x²è *****
0133 . S. DC-BC dcbc-153:DCBC
0134 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0135 C.
0136 C.
0137 . C. ;ãLOS¥Á¥$¥Ã¥`¼Ã»Û;ã
0138 C.
0139 . C. ***** LOS *****
0140 C.
```


Feb 17, 18 12:35

XRT_OGLIST_0317.chk

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*** OP Sequence for XRT ***

2018/02/17	10:54:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2018/02/17	12:14:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:14:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:14:58.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/02/17	12:15:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	2e	f9	2e	f9
2018/02/17	12:15:18.0	XRT_FLD_DIS_438_OG [0x1b6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/02/17	12:15:20.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/02/17	12:17:56.0	XRT_ARS_DIS_445_OG [0x1bd]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/17	12:17:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2018/02/17	12:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/17	12:24:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:24:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:24:58.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/02/17	12:25:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2018/02/17	12:25:18.0	XRT_FLD_DIS_438_OG [0x1b6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/02/17	12:25:20.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/02/17	12:27:56.0	XRT_ARS_DIS_445_OG [0x1bd]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/17	12:27:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2018/02/17	12:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/17	12:34:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:34:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:34:58.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/02/17	12:35:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	d1	07	d1	07
2018/02/17	12:35:18.0	XRT_FLD_DIS_438_OG [0x1b6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/02/17	12:35:20.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/02/17	12:37:56.0	XRT_ARS_DIS_445_OG [0x1bd]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/17	12:37:58.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2018/02/17	12:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/17	12:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:44:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:44:58.0	XRT_FOCUS_POSITION_447_OG [0x1bf]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/02/17	12:45:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	d1	07	2e	f9
2018/02/17	12:45:18.0	XRT_FLD_DIS_438_OG [0x1b6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/02/17	12:45:20.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/02/17	12:47:56.0	XRT_ARS_DIS_445_OG [0x1bd]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/17	12:47:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2018/02/17	12:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/17	12:54:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:54:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/17	12:54:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/02/17	12:55:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2018/02/17	12:55:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/02/17	12:57:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/02/17	12:57:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/17	12:57:58.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2018/02/17	12:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]							

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2018/02/17	13:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/17	13:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	13:04:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	13:05:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/17	13:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/02/17	13:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/02/17	13:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/02/17	13:05:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/17	13:07:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/17	13:07:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2018/02/17	13:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/02/17	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/17	15:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	15:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	15:30:18.0	XRT_FLD_DIS_425_OG [0x1a9]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/17	15:32:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2018/02/17	15:32:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/02/17	15:32:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/17	15:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2018/02/17	15:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/17	15:43:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	15:43:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	15:43:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/17	15:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/02/17	16:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/02/17	16:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	16:04:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	16:04:48.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/17	16:04:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/02/17	16:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/02/17	16:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/02/17	16:04:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/17	16:07:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/17	16:07:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2018/02/17	16:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/02/17	17:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/17	17:19:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	17:19:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	17:19:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/17	17:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/02/17	17:43:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/02/17	17:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG	1	07-F0	c0
2018/02/17	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/17	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/17	18:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/17	18:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00 00 00 00 00

2018/02/17	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/02/17	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/02/17	18:02:58.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/02/17	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12
2018/02/17	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/17	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	18:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	18:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/02/17	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	00 00 00 00
2018/02/17	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/02/17	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/02/17	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/02/17	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/02/17	18:12:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/17	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2018/02/17	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/02/17	18:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/17	18:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	18:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	18:56:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/17	18:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/02/17	19:19:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/02/17	19:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0	
2018/02/17	20:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/17	20:23:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	20:23:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	20:23:48.0	XRT_FLD_DIS_425_OG [0x1a9]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/02/17	20:26:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/02/17	20:26:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/02/17	20:26:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/02/17	20:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f
2018/02/17	20:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/17	20:33:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	20:33:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	20:33:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/17	20:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/02/17	20:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/02/17	20:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	20:54:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/17	20:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/02/17	20:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/02/17	20:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/02/17	20:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/02/17	20:55:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/02/17	20:57:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/17	20:57:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04
2018/02/17	20:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d

2018/02/17	22:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/17	22:10:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	22:10:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	22:10:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/17	22:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/02/17	22:33:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/02/17	22:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/02/17	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/17	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	22:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	23:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/02/17	23:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	XRT_FLD_DIS	1	07-F0	d9		
2018/02/17	23:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/02/17	23:02:58.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/02/17	23:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2018/02/17	23:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/17	23:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	23:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	23:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/02/17	23:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FLD_ENA	1	07-F0	d8		
2018/02/17	23:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/02/17	23:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/02/17	23:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/02/17	23:12:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/17	23:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2018/02/17	23:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/02/17	23:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/17	23:48:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	23:48:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/17	23:48:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/17	23:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/02/17	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/02/17	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]					
2018/02/17	23:59:58.0	XRT_ROI_A_418_OG [0x1a2]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
			MDP_XRT_ROI_SET	6	07-F0	cd 05 85 83 06 06		
			MDP_XRT_ROI_SET	6	07-F0	cd 06 85 83 06 06		
			MDP_XRT_ROI_SET	6	07-F0	cd 07 85 83 08 08		
			MDP_XRT_ROI_SET	6	07-F0	cd 08 80 80 20 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		
2018/02/17	23:59:58.5	XRT_ROI_B_421_OG [0x1a5]	XRT_ROI_A_418_OG [0x1a2]					
			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		
2018/02/18	00:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 0b 4b ad 59		
2018/02/18	00:00:03.5	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/02/18	00:00:23.5	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/02/18	00:00:25.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/02/18	00:00:27.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/02/18	00:00:29.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/02/18	00:00:31.5	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/02/18	00:03:01.5	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da		

2018/02/18	00:03:03.5	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/02/18	00:03:05.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/18	01:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	01:17:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	01:17:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/18	01:17:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/02/18	01:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/02/18	01:31:00.0	XRT_Custom_430_OG [0x1ae]						
2018/02/18	01:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/18	02:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	02:47:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	02:47:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/18	02:47:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/02/18	02:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/02/18	03:07:30.0	XRT_Custom_430_OG [0x1ae]						
2018/02/18	03:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/18	04:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	04:15:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	04:15:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/18	04:15:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/02/18	04:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/02/18	04:44:30.0	XRT_Custom_430_OG [0x1ae]						
2018/02/18	04:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/18	05:28:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	05:28:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	05:28:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/02/18	05:28:30.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	00 00 00 00	
2018/02/18	05:28:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/02/18	05:31:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/02/18	05:31:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/02/18	05:31:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f	
2018/02/18	05:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/18	05:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	05:38:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	05:38:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2018/02/18	05:38:30.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	0b 4b ad 59	
2018/02/18	05:38:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/02/18	05:38:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/02/18	05:38:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/02/18	05:38:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/02/18	05:38:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/18	05:41:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
2018/02/18	05:41:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/02/18	05:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/02/18	05:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	05:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/02/18	05:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/02/18	05:55:36.0	XRT_PREFLR_STRT_406_OG [0x196]						

2018/02/18	05:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/18	06:22:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	06:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/18	07:35:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	07:35:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	07:35:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/18	07:35:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/18	07:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/18	07:59:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	08:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/18	09:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	09:15:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	09:15:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/18	09:15:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/18	09:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/18	09:35:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	09:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/18	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2018/02/18	10:00:00.0	AOCS_Ore-point_Start_8_OG [0x09e]							
			AOCU_NM	5	02-76	01 00 00 00 00			
2018/02/18	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/02/18	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/02/18	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/02/18	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/02/18	10:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/18	10:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 14			
2018/02/18	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/02/18	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/18	10:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	10:57:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	10:57:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/18	10:57:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/18	11:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/18	11:03:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	11:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/18	14:44:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	14:44:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	14:44:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/18	14:44:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/18	14:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/18	14:52:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	14:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/18	16:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	16:17:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/18	16:17:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/18	16:17:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/18	16:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/18	16:41:00.0	XRT_Custom_430_OG [0x1ae]							

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2018/02/18	16:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/18	17:54:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	17:54:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	17:54:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/18	17:54:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/18	17:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/18	18:17:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	18:17:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	18:17:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/02/18	18:18:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/02/18	18:18:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/02/18	18:20:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/02/18	18:20:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/18	18:20:58.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2018/02/18	18:21:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/18	18:27:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	18:27:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	18:27:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/02/18	18:28:00.0	AOCS_Ore-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2018/02/18	18:28:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/02/18	18:28:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/02/18	18:28:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/02/18	18:28:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/18	18:28:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/18	18:30:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2018/02/18	18:30:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/02/18	18:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/18	19:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	19:31:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	19:31:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/18	19:31:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/18	19:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/18	19:54:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	19:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/18	21:08:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	21:08:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	21:08:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/18	21:08:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/18	21:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/18	21:32:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	21:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/18	22:45:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	22:45:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/18	22:45:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/18	22:45:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/18	22:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/18	23:07:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/18	23:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

2018/02/19	00:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	00:23:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	00:23:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/19	00:23:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/19	00:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/19	00:32:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/19	00:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/19	01:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	01:47:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	01:47:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/19	01:47:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/19	01:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/19	02:05:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/19	02:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/19	03:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	03:21:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	03:21:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/19	03:21:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/19	03:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/19	03:42:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/19	03:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/19	04:51:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	04:51:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	04:51:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/19	04:51:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/02/19	04:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/02/19	05:19:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/19	05:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/19	06:02:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	06:02:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	06:02:28.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2018/02/19	06:02:30.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/02/19	06:06:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/02/19	06:06:48.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/02/19	06:09:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/02/19	06:09:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/19	06:09:28.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2018/02/19	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/02/19	06:12:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	06:12:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/02/19	06:12:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/02/19	06:12:30.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2018/02/19	06:12:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/02/19	06:12:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/02/19	06:12:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/02/19	06:12:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/02/19	06:12:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/02/19	06:15:26.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2018/02/19	06:15:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							

2018/02/19	06:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/19	06:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	06:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	06:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/19	06:31:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/02/19	06:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/02/19	06:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	06:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	06:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/02/19	07:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 00	00 00
2018/02/19	07:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/02/19	07:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/02/19	07:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/02/19	07:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/02/19	07:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/19	07:02:56.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2018/02/19	07:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/02/19	07:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/19	08:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	08:12:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	08:12:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/19	08:12:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/02/19	08:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/02/19	08:34:00.0	XRT_Custom_430_OG [0x1ae]					
2018/02/19	08:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/19	09:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	09:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	09:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/19	09:51:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/02/19	09:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/02/19	10:09:00.0	XRT_Custom_430_OG [0x1ae]					
2018/02/19	10:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/19	15:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	15:17:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	15:17:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/19	15:17:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/02/19	15:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/02/19	15:29:30.0	XRT_Custom_430_OG [0x1ae]					
2018/02/19	15:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/19	16:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	16:52:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	16:52:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/02/19	16:52:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/02/19	16:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/02/19	17:16:00.0	XRT_Custom_430_OG [0x1ae]					
2018/02/19	17:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/02/19	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/02/19	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2018/02/19	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/19	18:00:00.0	AOCs_Orе-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 00 00 00 00
2018/02/19	18:00:18.0	XRT_FLD_DIS_425_OG [0x1a9] MDP_XRT_FLD_DIS	1	07-F0	d9
2018/02/19	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/02/19	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/19	18:02:58.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2018/02/19	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/19	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	18:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/19	18:10:00.0	AOCs_Orе-point_Start_1_OG [0x097] AOCU_NM	5	02-76	04 00 00 00 00
2018/02/19	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/02/19	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/02/19	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/02/19	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/19	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/19	18:12:56.0	XRT_QT_PROG_SET_426_OG [0x1aa] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2018/02/19	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/02/19	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/19	18:29:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	18:29:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	18:29:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/19	18:29:36.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/02/19	18:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/02/19	18:52:30.0	XRT_Custom_430_OG [0x1ae]			
2018/02/19	18:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/19	20:06:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	20:06:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	20:06:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/19	20:06:06.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/02/19	20:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/02/19	20:29:30.0	XRT_Custom_430_OG [0x1ae]			
2018/02/19	20:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/19	21:43:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	21:43:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	21:43:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/19	21:43:36.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/02/19	21:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/02/19	21:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	21:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/19	21:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/02/19	22:00:00.0	AOCs_Orе-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	02 00 00 00 00
2018/02/19	22:00:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/02/19	22:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/02/19	22:00:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/02/19	22:00:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/19	22:00:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/19	22:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]			

2018/02/19	22:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/02/19	22:06:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/19	22:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/19	23:20:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/19	23:20:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/19	23:20:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/19	23:20:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/19	23:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/19	23:40:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/19	23:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/20	00:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	00:57:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	00:57:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/20	00:57:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/20	01:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/20	01:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	01:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	01:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2018/02/20	01:30:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]							
			AOCU_NM	5	02-76	03	00	00	00
2018/02/20	01:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/02/20	01:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/02/20	01:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/02/20	01:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/02/20	01:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/20	01:32:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a		
2018/02/20	01:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/02/20	01:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/20	02:20:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	02:20:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	02:20:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/20	02:20:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/20	02:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/20	02:40:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/20	02:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/20	03:53:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	03:53:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	03:53:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/20	03:53:06.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/20	03:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/20	04:17:30.0	XRT_Custom_430_OG [0x1ae]							
2018/02/20	04:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/20	05:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	05:27:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/02/20	05:27:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2018/02/20	05:27:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/02/20	05:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/02/20	05:55:00.0	XRT_Custom_430_OG [0x1ae]							
2018/02/20	05:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/02/20	06:04:24.0	XRT_CTRL_MANU_402_OG [0x192]							

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2018/02/20	06:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	06:04:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	06:04:30.0	AOCs_Re-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/20	06:04:48.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00 00 00 00 00
2018/02/20	06:07:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2018/02/20	06:07:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/02/20	06:07:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/20	06:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	XRT_QT_PROG_SET	2	07-F0	c4 0f
2018/02/20	06:14:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/20	06:14:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	06:14:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	06:14:48.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/02/20	06:14:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/02/20	06:14:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/02/20	06:14:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/02/20	06:14:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/02/20	06:17:26.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/20	06:17:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	XRT_QT_PROG_SET	2	07-F0	c4 04
2018/02/20	06:17:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/02/20	07:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/20	07:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	07:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	07:07:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/20	07:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_PREFLR_STRT	1	07-F0	e8
2018/02/20	07:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/02/20	07:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2018/02/20	08:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/20	08:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	08:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/02/20	08:47:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/02/20	08:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_PREFLR_STRT	1	07-F0	e8
2018/02/20	09:08:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/02/20	09:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2018/02/20	10:25:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/02/20	11:33:00.0	AOCs_Re-point_Start_6_OG [0x09c]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		AOCU_NM	AOCU_NM	5	02-76	00 00 00 00 00