

# XRT Timeline to be uploaded on 2019/10/19

Period: 2019/10/19 10:48:00 - 2019/10/24 12:04:00

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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
10/20 00:03:00 - 10/20 00:09:54	Fixed ( -528.4, -528.4)	XRT Quad-1
<b>PROG= 16 1-time(s)</b>		
└─ 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
10/20 00:13:00 - 10/20 00:19:54	Fixed ( 528.4, -528.4)	-2
<b>PROG= 04 1-time(s)</b>		
└─ 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
10/20 00:23:00 - 10/20 00:29:54	Fixed ( 528.4, 528.4)	-3
<b>PROG= 19 1-time(s)</b>		
└─ 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
10/20 00:33:00 - 10/20 00:39:52	Fixed ( -528.4, 528.4)	-4
<b>PROG= 03 1-time(s)</b>		
└─ 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		



Subr= 1	1-time(s)	2.0sec																		
└─ Seqn= 16	2-time(s)	2.0sec																		
└─ Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec								
Subr= 2	1-time(s)	2.0sec																		
└─ Seqn= 90	1-time(s)	30.0sec																		
└─ Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec								
Subr= 3	15-time(s)	2.0sec																		
└─ Seqn= 72	1-time(s)	60.0sec																		
└─ Al-poly/Open	Al-poly/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec								
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	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 #1C4D: HOP349 - 3-filter Synoptics (Al-mesh[128/1024/5795], Al-poly[256/4096/8192], thin-Be[2048/16384/32768] with 512x512 G-band+Leak(1064,1048)**

Term	Pointing (x, y)	Comment
10/20 03:06:30 - 10/20 05:59:54	Fixed ( 0.0, 0.0)	HOP349 (3hr) + synoptic, shifted 3.5 min
10/21 02:38:30 - 10/21 05:35:00	Fixed ( 0.0, 0.0)	HOP349(3hr) + synoptic, shifted -24.5 min
10/22 01:13:00 - 10/22 05:50:54	Fixed ( 0.0, 0.0)	HOP349 + 05:55 synoptic, shifted -5.0 min

PROG= 17	Inf.-time(s)																			
└─ Subr= 1	1-time(s)	300.0sec																		
└─ Seqn= 88	1-time(s)	2.0sec																		
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Seqn= 50	1-time(s)	2.0sec																		
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Seqn= 56	1-time(s)	2.0sec																		
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Seqn= 81	1-time(s)	2.0sec																		
└─ Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec								
└─ Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec								
└─ Subr= 2	6-time(s)	450.0sec																		
└─ Seqn= 8	1-time(s)	2.0sec																		
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec								
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec								
└─ Seqn= 6	1-time(s)	2.0sec																		
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec								
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec								
└─ Seqn= 29	1-time(s)	2.0sec																		
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec								
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec								
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval								

**XOB #1C55: Synoptic Q95 2x2 - Al/mesh(512/2048/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(512/5795/1157)**

Term	Pointing (x, y)	Comment
10/20 06:03:00 - 10/20 06:12:54	Fixed ( 0.0, 0.0)	HOP349 (3hr) + synoptic, shifted 3.5 min
10/21 18:28:00 - 10/21 18:47:54	Fixed ( 0.0, 0.0)	synoptic

PROG= 06	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= 78	1-time(s)	2.0sec																		
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Seqn= 91	1-time(s)	2.0sec																		
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Al-poly/Open	Al-poly/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Seqn= 52	1-time(s)	2.0sec																		
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
└─ Seqn= 23	1-time(s)	2.0sec																		
└─ Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec								
└─ Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval								

**XOB #1C61: HOP 381 Multifilter (Al/Mesh[512/4096], Al/poly[256/4096], Thin-Be[2897/32768], Al/poly+Ti/Poly[4096/23142]) Short/Long 5min cadence, 384x384**

Term	Pointing (x, y)	Comment
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10/20 10:03:00 - 10/20 13:59:54 Fixed ( -22.0, 461.0) HOP381  
 10/21 10:03:00 - 10/21 13:47:24 Fixed ( -22.0, 461.0) HOP381

**PROG= 12 Inf.-time(s)**

<b>Subr= 1</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
<b>Seqn= 92</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
	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-AI	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec		
<b>Subr= 2</b>		<b>12-time(s)</b>		<b>300.0sec</b>											
<b>Seqn= 77</b>		<b>1-time(s)</b>		<b>60.0sec</b>											
	Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec		
	Open/AI-mesh	Open/AI-mesh	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec		
<b>Seqn= 76</b>		<b>1-time(s)</b>		<b>60.0sec</b>											
	AI-poly/Open	AI-poly/Open	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec		
	AI-poly/Open	AI-poly/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec		
<b>Seqn= 67</b>		<b>1-time(s)</b>		<b>90.0sec</b>											
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec		
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec		
<b>Seqn= 79</b>		<b>1-time(s)</b>		<b>60.0sec</b>											
	AI-poly/Ti-poly	AI-poly/thick-AI	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec		
	AI-poly/Ti-poly	AI-poly/thick-AI	close	Safe	Norm	22.6s	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 #1C64: HOP387 - AI/poly (Thick-AI) - 1x1 - 8192ms - 512FOV - 60s cad**

Term	Pointing (x, y)	Comment
10/22 06:08:00 - 10/22 09:58:00	Track ( 359.0, 688.0) @ 10/22 06:05:00	HOP387 (test run)

**PROG= 01 Inf.-time(s)**

<b>Subr= 1</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
<b>Seqn= 81</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec		
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec		
<b>Subr= 2</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
<b>Seqn= 41</b>		<b>213-time(s)</b>		<b>60.0sec</b>											
	AI-poly/Open	AI-poly/thick-AI	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1064, 1048)	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, AI/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-AI,thick-Be -384x384 + AI-poly 512**

Term	Pointing (x, y)	Comment
10/20 00:53:00 - 10/20 03:03:24	Track ( 105.3, 676.0) @ 10/20 00:50:00	filament in North
10/20 03:06:30 - 10/20 05:59:54	Fixed ( 0.0, 0.0)	HOP349 (3hr) + synoptic, shifted 3.5 min
10/20 06:16:00 - 10/20 09:59:54	Track ( 132.8, 676.8) @ 10/20 06:13:30	filament in North
10/20 10:03:00 - 10/20 13:59:54	Fixed ( -22.0, 461.0)	HOP381
10/20 14:03:00 - 10/20 16:59:54	Track ( 0.0, 476.0) @ 10/20 14:00:00	HOP336 (North)
10/20 17:03:00 - 10/20 19:59:54	Track ( 0.0, -689.0) @ 10/20 17:00:00	HOP336 (South)
10/20 20:13:00 - 10/21 02:35:24	Track ( 202.6, 679.2) @ 10/20 20:10:00	filament in North
10/21 02:38:30 - 10/21 05:35:00	Fixed ( 0.0, 0.0)	HOP349(3hr) + synoptic, shifted -24.5 min
10/21 05:48:30 - 10/21 09:59:54	Track ( 249.0, 681.3) @ 10/21 05:45:30	filament in North
10/21 10:03:00 - 10/21 13:47:24	Fixed ( -22.0, 461.0)	HOP381
10/21 13:50:32 - 10/21 14:09:24	Fixed ( -22.0, -984.0)	HOP79-1
10/21 14:12:32 - 10/21 14:52:30	Fixed ( -22.0, -884.0)	2
10/21 15:02:02 - 10/21 15:20:54	Fixed ( -22.0, -784.0)	3
10/21 15:24:02 - 10/21 15:42:54	Fixed ( -22.0, -684.0)	4
10/21 15:46:02 - 10/21 16:25:00	Fixed ( -22.0, -584.0)	5
10/21 16:52:02 - 10/21 17:10:54	Fixed ( -22.0, -484.0)	6
10/21 17:14:02 - 10/21 17:32:54	Fixed ( -22.0, -384.0)	7
10/21 17:36:02 - 10/21 18:01:00	Fixed ( -22.0, -284.0)	8
10/21 18:51:02 - 10/21 19:09:54	Fixed ( -22.0, -184.0)	HOP79-9
10/21 19:13:02 - 10/21 19:38:00	Fixed ( -22.0, -84.0)	10
10/21 20:05:32 - 10/21 20:24:24	Fixed ( -22.0, 6.0)	11
10/21 20:27:32 - 10/21 20:46:24	Fixed ( -22.0, 106.0)	12
10/21 20:49:32 - 10/21 21:15:30	Fixed ( -22.0, 206.0)	13
10/21 21:43:02 - 10/21 22:01:54	Fixed ( -22.0, 306.0)	14
10/21 22:05:02 - 10/21 22:23:54	Fixed ( -22.0, 406.0)	15
10/21 22:27:02 - 10/21 22:52:30	Fixed ( -22.0, 506.0)	16
10/21 23:18:32 - 10/21 23:37:24	Fixed ( -22.0, 606.0)	17
10/21 23:40:32 - 10/21 23:59:24	Fixed ( -22.0, 706.0)	18
10/22 00:02:32 - 10/22 00:30:00	Fixed ( -22.0, 806.0)	19
10/22 00:44:02 - 10/22 01:09:54	Fixed ( -22.0, 906.0)	20 end
10/22 01:13:00 - 10/22 05:50:54	Fixed ( 0.0, 0.0)	HOP349 + 05:55 synoptic, shifted -5.0 min
10/22 06:08:00 - 10/22 09:58:00	Track ( 359.0, 688.0) @ 10/22 06:05:00	HOP387 (test run)

**PROG= 13 30-time(s)**

<b>Subr= 1</b>		<b>20-time(s)</b>		<b>2.0sec</b>											
<b>Seqn= 11</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
	AI-poly/Open	AI-poly/thick-AI	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
<b>Seqn=100</b>		<b>1-time(s)</b>		<b>10.0sec</b>											
	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
<b>Subr= 2</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
	<b>Seqn= 10</b>	<b>1-time(s)</b>	<b>2.0sec</b>									
	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
	<b>Seqn= 11</b>	<b>1-time(s)</b>	<b>2.0sec</b>									
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
	<b>Seqn= 87</b>	<b>1-time(s)</b>	<b>2.0sec</b>									
	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

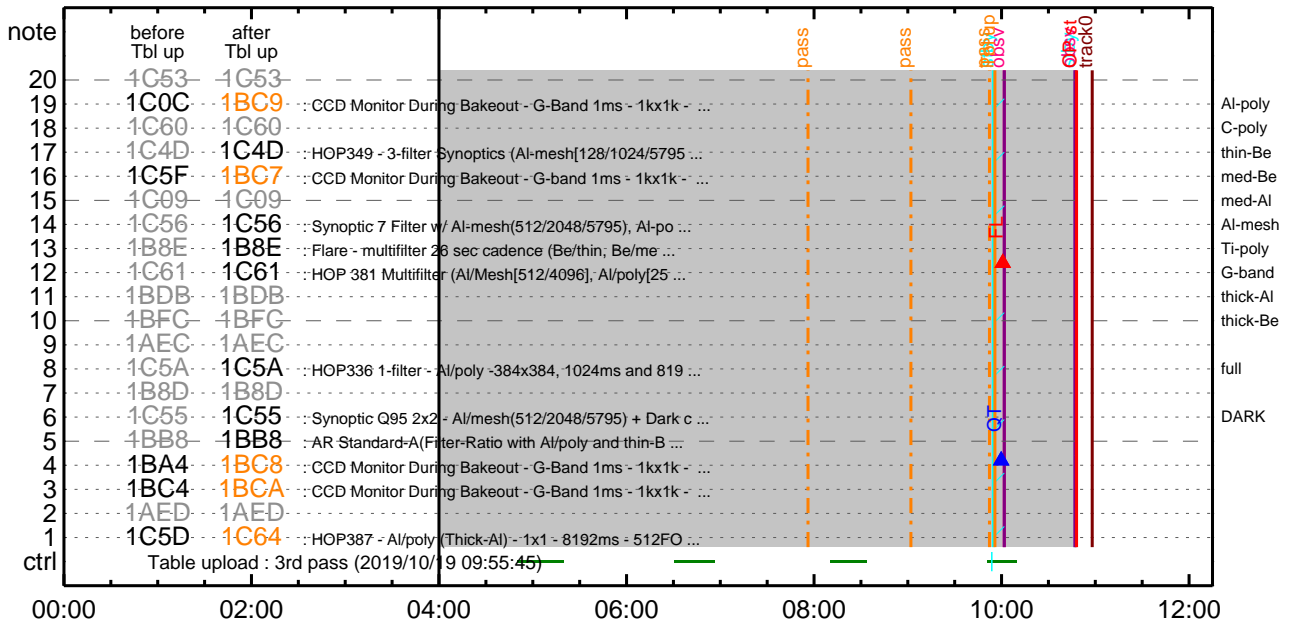
\* \* \* \* \*

### Flare Detection

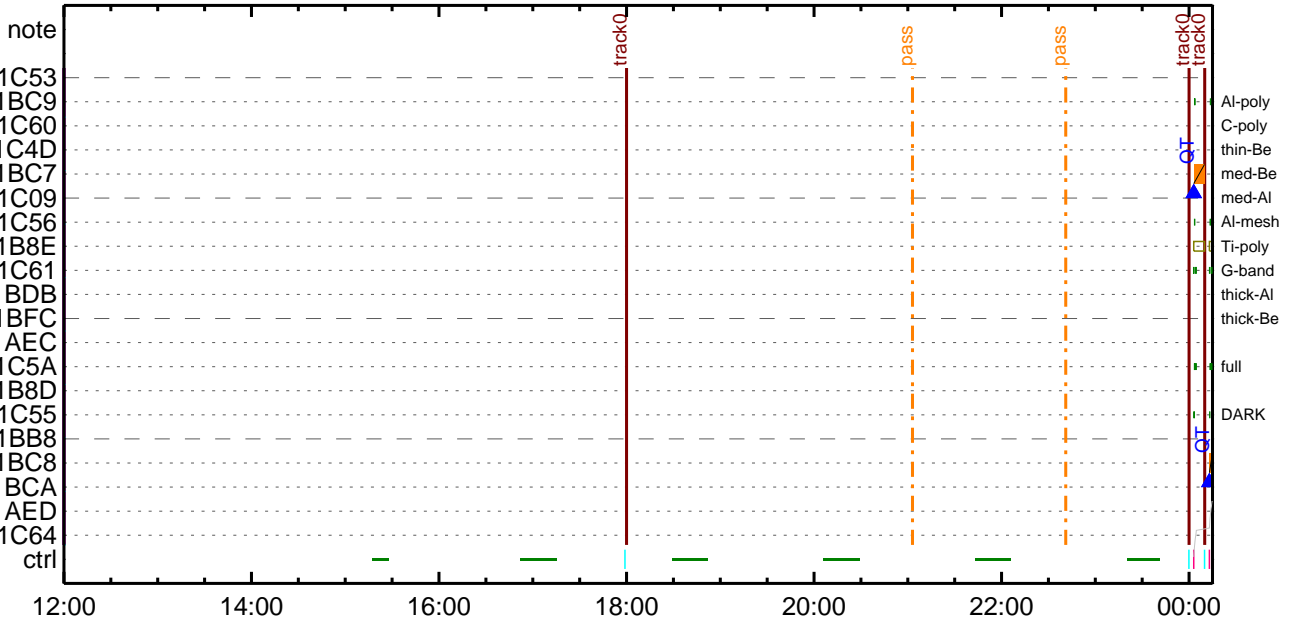
\* \* \* \* \*

FLD Patrol													
Term	Pointing (x, y)						Comment						
10/20 00:50:16 - 10/20 06:00:18	Track (	105.3,	676.0)	<sup>Ⓜ</sup> 10/20 00:50:00	filament in North								
10/20 06:13:16 - 10/20 20:00:18	Fixed (	0.0,	0.0)		HOP349 (3hr) + synoptic, shifted 3.5 min								
10/20 20:10:16 - 10/21 05:35:24	Track (	202.6,	679.2)	<sup>Ⓜ</sup> 10/20 20:10:00	filament in North								
10/21 05:45:46 - 10/21 18:25:18	Track (	249.0,	681.3)	<sup>Ⓜ</sup> 10/21 05:45:30	filament in North								
10/21 18:48:18 - 10/22 05:55:18	Fixed (	-22.0,	-184.0)		HOP79-9								
10/22 06:05:18 - 10/24 12:04:00	Track (	359.0,	688.0)	<sup>Ⓜ</sup> 10/22 06:05:00	HOP387 (test run)								
	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		

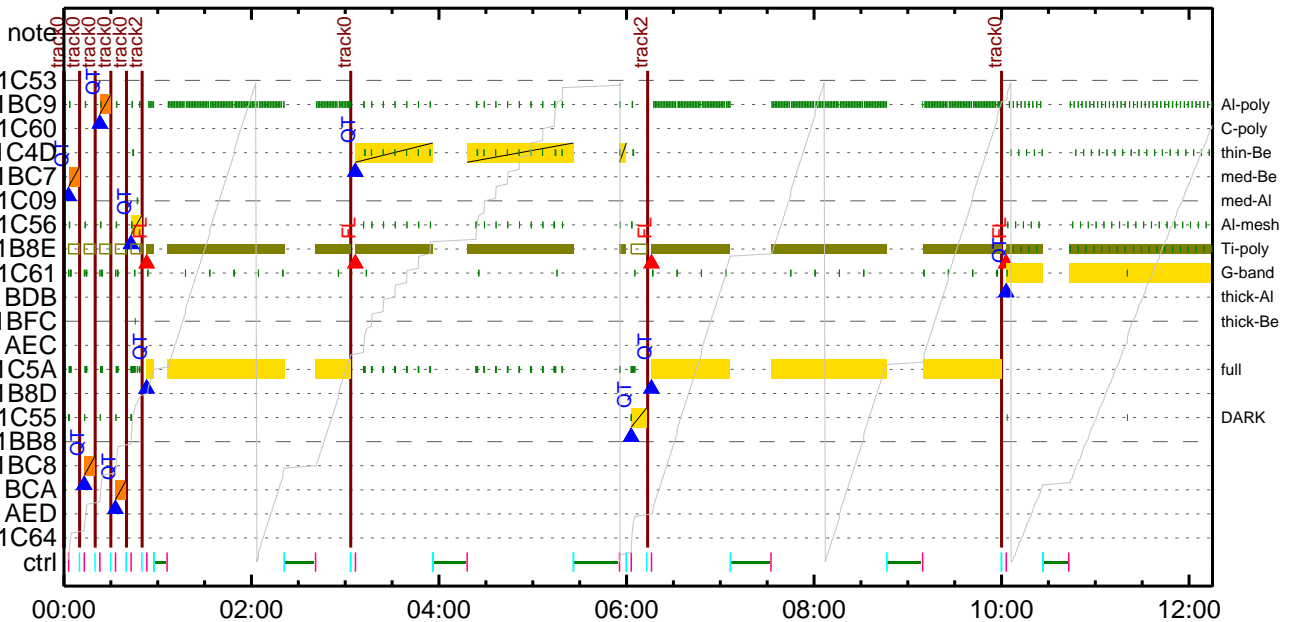
### CMDI #0543 2019/10/19



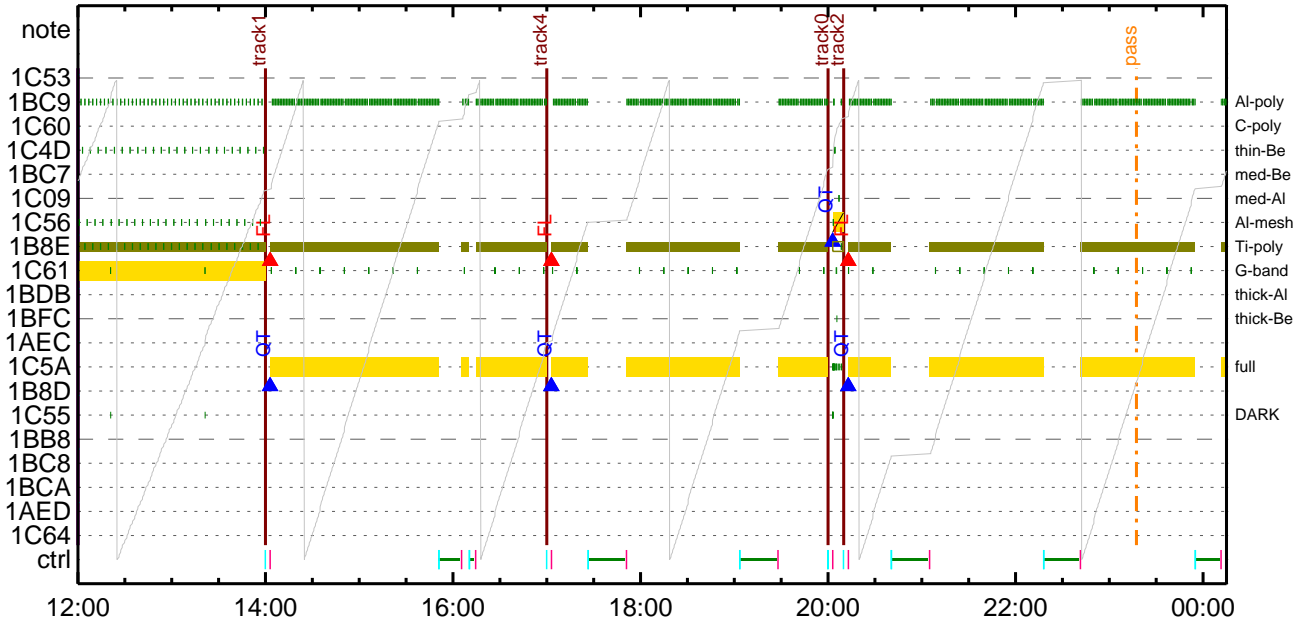
### CMDI #0543 2019/10/19



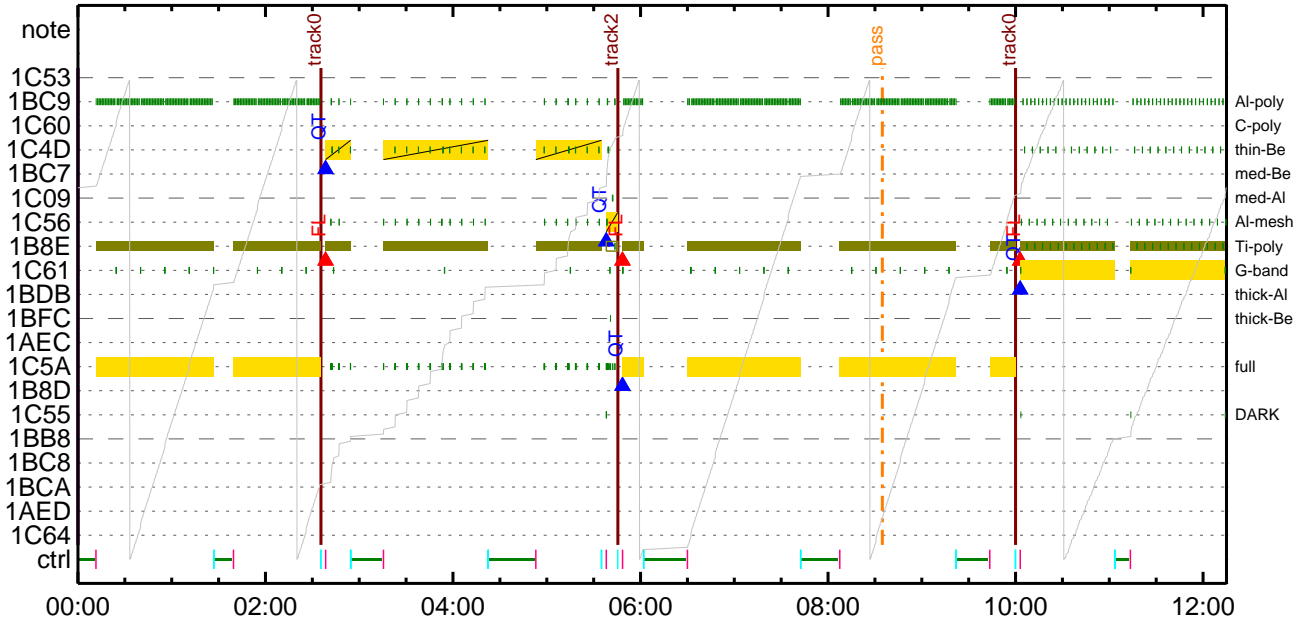
### CMDI #0543 2019/10/20



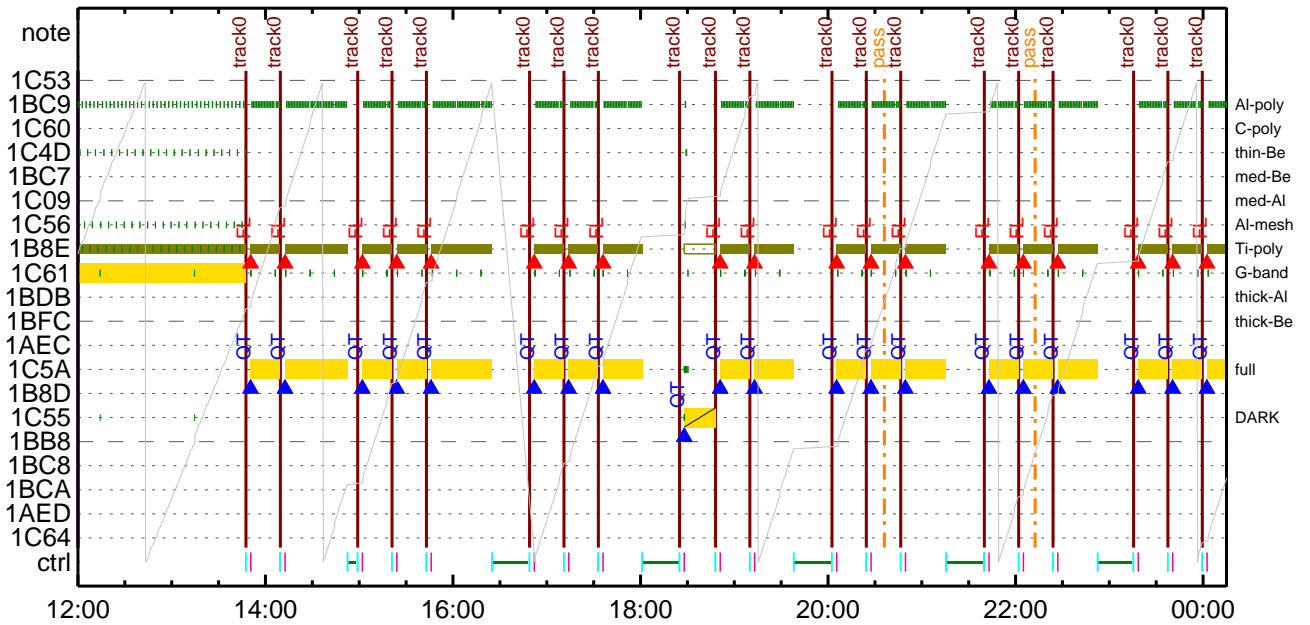
CMDI #0543 2019/10/20



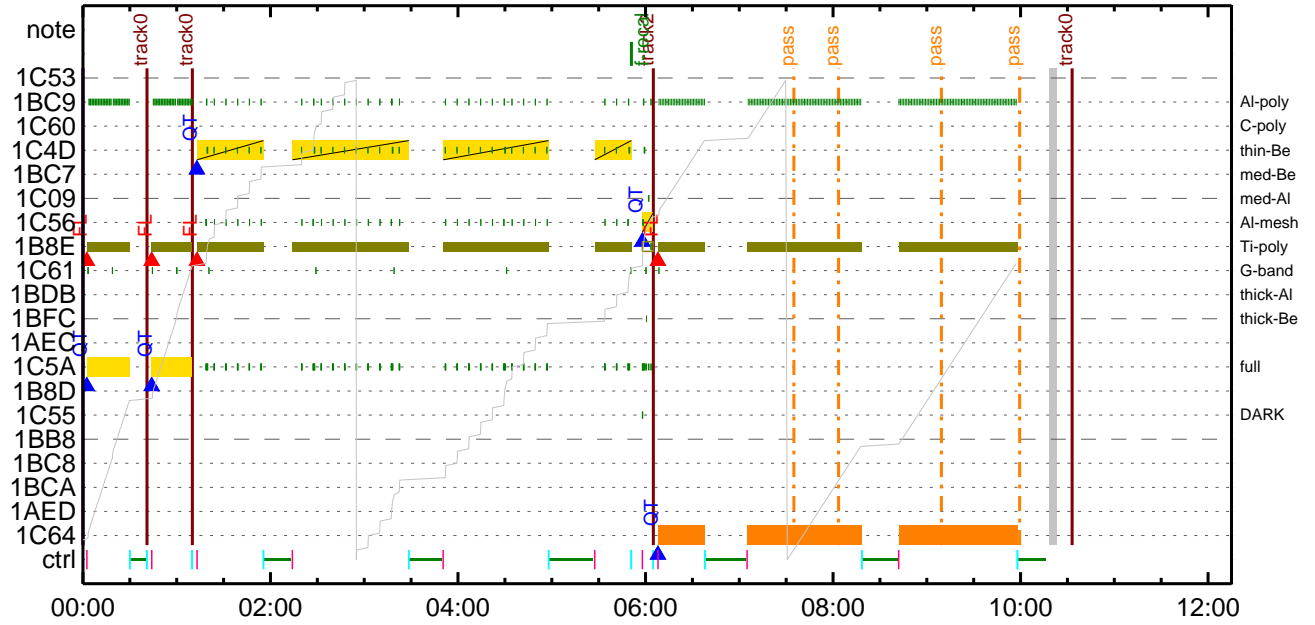
CMDI #0543 2019/10/21



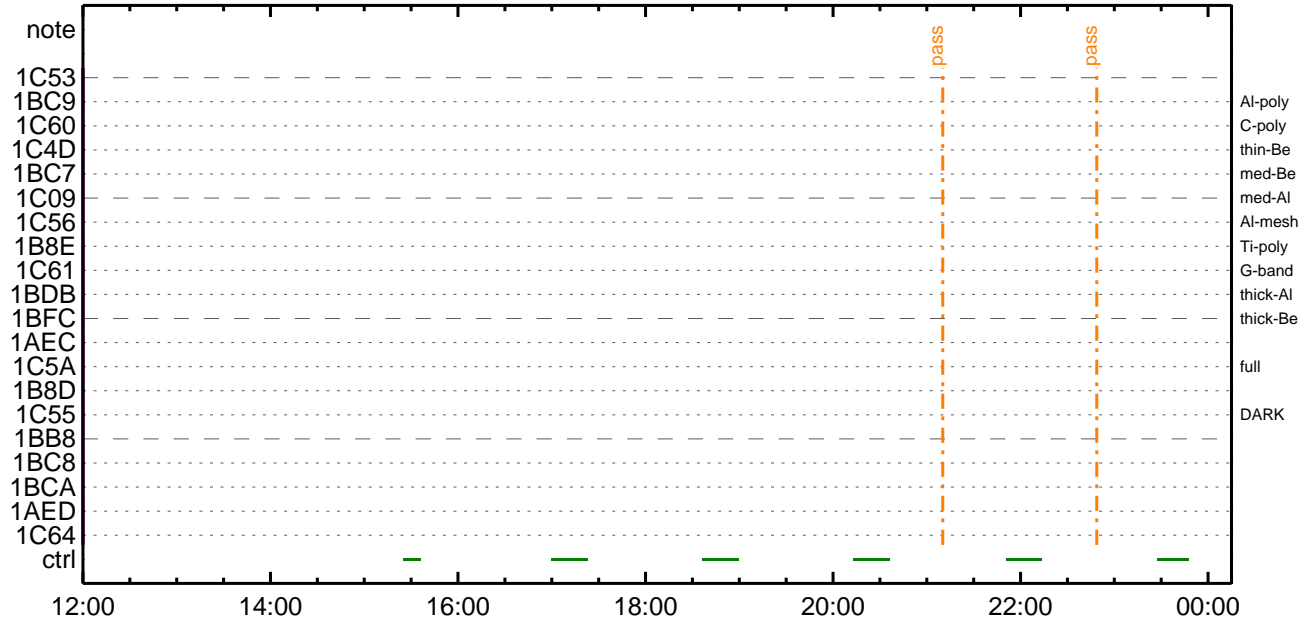
CMDI #0543 2019/10/21



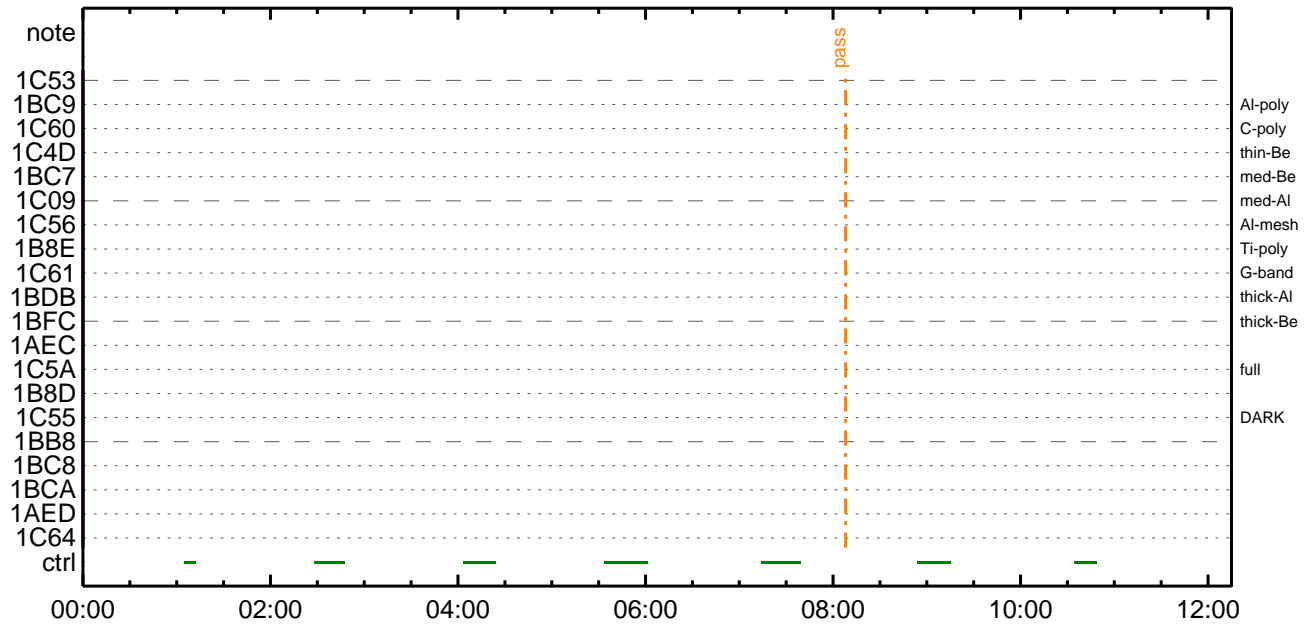
CMDI #0543 2019/10/22



CMDI #0543 2019/10/22

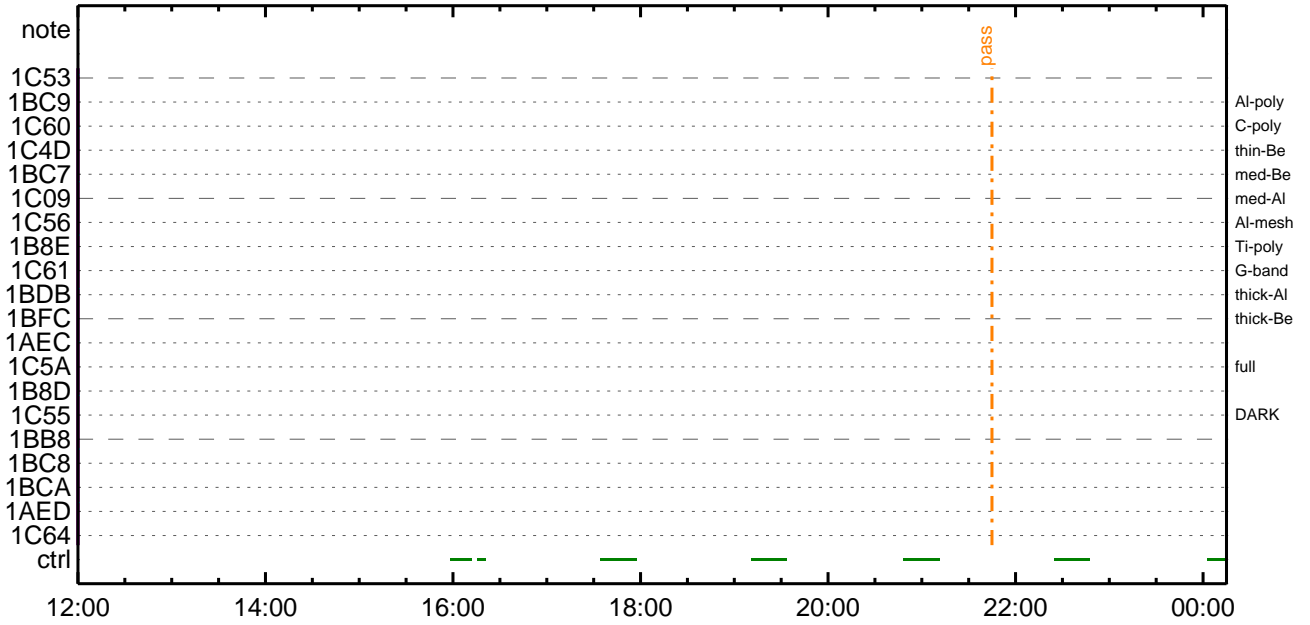


CMDI #0543 2019/10/23

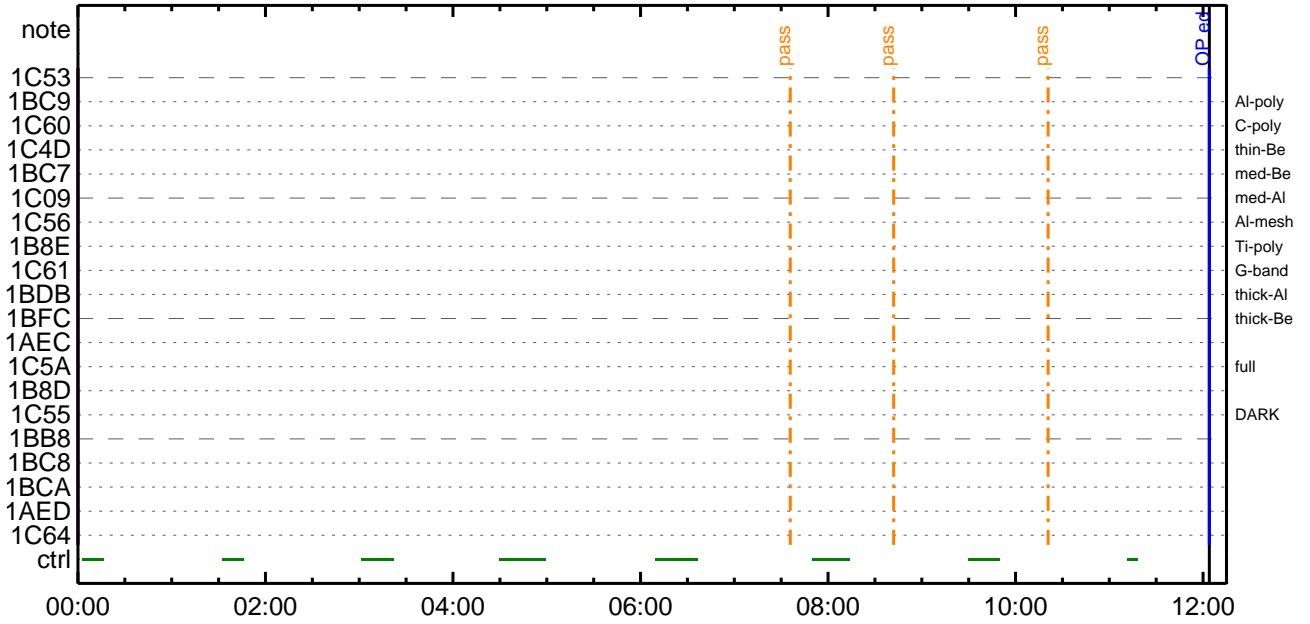




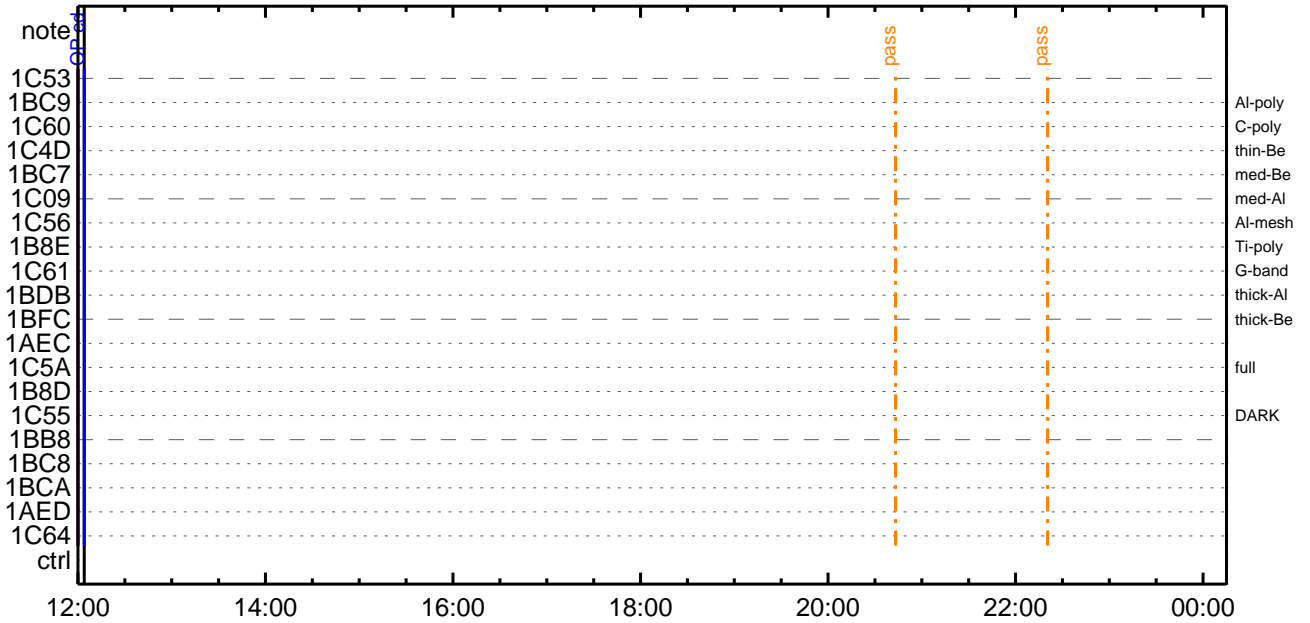
CMDI #0543 2019/10/23



CMDI #0543 2019/10/24



CMDI #0543 2019/10/24





0096 C. 0097 C. 0098 . C. 0099 +. TI 0100 DC 0101 C. 0102 C. 0103 +. TI 0104 DC 0105 C. 0106 C. 0107 +. TI 0108 DC 0109 C. 0110 C. 0111 +. TI 0112 DC 0113 C. 0114 C. 0115 C. 0116 C. 0117 C. 0118 C. 0119 C. 0120 C. 0121 . C. 0122 C. 0123 C. 0124 C. 0125 C. 0126 +. DC 0127 BC 0128 C. 0129 C. 0130 C. 0131 C. 0132 C. 0133 +. DC 0134 BC 0135 C. 0136 C. 0137 C. 0138 C. 0139 C. 0140 C. 0141 . C. 0142 C. 0143 C. 0144 . C. 0145 C. 0146 . C. 0147 +. DC 0148 BC 0149 C. 0150 C. 0151 C. 0152 C. 0153 C. 0154 C. 0155 C. 0156 C. 0157 C. 0158 +. TI 0159 DC 0160 BC 0161 C. 0162 C. 0163 C. 0164 C. 0165 . C. 0166 C. 0167 C. 0168 C. 0169 C. 0170 C. 0171 +. TI 0172 DC 0173 BC 0174 +. TI 0175 DC 0176 BC 0177 . C. 0178 C. 0179 C. 0180 C. 0181 C. 0182 C. 0183 C. 0184 +. TI 0185 DC 0186 BC 0187 . C. 0188 C. 0189 C. 0190 C. 0191 . C. 0192 C. 0193 . S.

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

(a) Spacecraft Operation Procedure (real-commands)

```

main-400 2019-10-19 11:28:41 169 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSÝÁÝSÝÄÝ~¼Ä»Û;ã
0005 C.
0006 C. ÝÀÝË;¼Ý³ÝËÝÓÝÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C.  Āĩ;Ē¿¿ãã•μ°Ē»Í×ÁÇ¿ÍÝÇÝÄÝ×ÝÍ;¼ÝĒ;ĒĒĒμ•ĩĒ;ĒĒĒ°ÇÓã•¿¿ĩ¹¿ãÍ;çÀ®, ùã¹ãĒãããçÄ+¿®ã•Ēããã³ãĒ;Ē
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C.  XÁ+¿@μ;ON
0016 C. *****
0017 C.  °ĒĀ, Í×ĒÝãĀĀLOSããããĒ»p`Ôãð¹ĩĒ, ñ, ; çĒÔÍ×ãĒĒXĀÓONãĒĒ¹ÔãĒĒĒããã³ãĒ;Ē
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.  XYDÝÓÝĒÝÍÝÄÝ~¾ÔĀã~ãĀĒãã•¿¿ãĒ; ç°Ē²¼ãĒĒĒ¹ÔãĒ, ¼Ē%çãð¼Ā¹Ôã¹ãĒ;Ē
0030 C.
0031 . C. *****
0032 C.  DR PT1 ĀĒĩ¹°ĒĀ,
0033 C. *****
0034 C.  °Ē ĒĒSTART;ĒPT1;Ēã•¿¿ãã¼ĩ¹¿ãÍ; ç°Ē²¼ãĒĒĒ¹Ôã»ã°; çDCBC-150ãØ¿ĒĒã;Ē
0035 C.
0036 . C.  ;ãPT1°ĒĀ, ³«»Ē;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  (¼Ā¹Ô, ;¼Ú)
0043 C.           çç[HK1_REP_STA/STP]           EQ      START (¼Ā¹Ô, ;¼Ú)
0044 C.           çç[HK1_X_VC4_ON/OFF]          EQ      ON    (¼Ā¹Ô, ;¼Ú)
0045 C.
0046 . C.  ;ãÝçÝÓÝĒÝĒĒĒĒĒĒ;ĒĀ•Ā²óĒĒ;Ē, ăãĩ°ĒĀ, °Ē³«;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  (¼Ā¹Ô, ;¼Ú)
0050 C.           çç[HK1_REP_STA/STP]           EQ      START (¼Ā¹Ô, ;¼Ú)
0051 C.           çç[HK1_X_VC4_ON/OFF]          EQ      ON    (¼Ā¹Ô, ;¼Ú)
0052 C.
0053 C.
0054 . C.  PT1°ĒĀ, ñ~¼«Ē°ĒĀ»ãã•¿¿ã;ã; ç°Ē²¼ãð¼Ā¹Ôã¹ãĒ;Ē
0055 C.  ÝçÝÓÝĒÝĒĒĒĒĒĒ;ĒĀ•Ā²óĒĒã~¼ãã¼ĩ¹¿ãÍ`°Ē»ã¹ãĒãããçÄÔãĀ;Ē
0056 C.
0057 . C. *****
0058 C.  DR PT2 ĀĒĩ¹°ĒĀ,
0059 C. *****
0060 C.  °Ē ĒĒSTART;ĒPT2;Ēã•¿¿ãã¼ĩ¹¿ãÍ; ç°Ē²¼ãĒĒĒ¹Ôã»ã°; çDCBC-151ãØ¿ĒĒã;Ē
0061 C.
0062 . C.  ;ãPT2°ĒĀ, ³«»Ē;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  (¼Ā¹Ô, ;¼Ú)
0069 C.           çç[HK1_REP_STA/STP]           EQ      START (¼Ā¹Ô, ;¼Ú)
0070 C.           çç[HK1_X_VC4_ON/OFF]          EQ      ON    (¼Ā¹Ô, ;¼Ú)
0071 C.
0072 . C.  ;ãÝçÝÓÝĒÝĒĒĒĒĒ;ĒĀ•Ā²óĒĒ;Ē, ăãĩ°ĒĀ, °Ē³«;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  (¼Ā¹Ô, ;¼Ú)
0076 C.           çç[HK1_REP_STA/STP]           EQ      START (¼Ā¹Ô, ;¼Ú)
0077 C.           çç[HK1_X_VC4_ON/OFF]          EQ      ON    (¼Ā¹Ô, ;¼Ú)
0078 C.
0079 . C. *****
0080 C.  DR°ĒĀ, ĀĀ»ã; çXÁ+¿@μ;OFF
0081 C. *****
0082 C.
0083 . C.  ;ãDR°ĒĀ, ĀĀ»ã;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+¿@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

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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. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 1m23s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ( )
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2019-10-19 10:47:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP 'uÄîî»ö¼ÝðEÄÐ¹æDCBC•x²è *****
0156 C. (¼â°îŸÓYÁEYÏPŸEYáYçYèæE¾¼ð¼Ä»Û¹æ)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** YDŸ¹•İ Daily±¿İŃæÉ'Ø¹æDCBC•x²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOSŸÁŸSŸÁŸ¹¼Ä»Û;ã
0167 C.
0168 . C. ***** LOS *****
0169 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-401 2019-10-19 11:28:41 138 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Ü;ã
0005 C.
0006 C. YÁY$;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Éæ¿æÅø•µ°®»Í×ÁÇæíYçYÁY×Yí;¼YÉ;ÉÈè%µ•ííÉ;ÈøÈ¼°ÇÔæ•æ¿¼ì¹çæí;çÀ®, ùæ¹æèæBæçÁ+¿®æ•æÉæææ³æÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-286:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2019-10-19 10:47:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 85 83 08 08)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 c0 c0 10 10)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 20 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 40 c0 10 10)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 40 40 10 10)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0c c0 40 10 10)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0d 80 80 20 08)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 0e 80 80 08 20)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 0f 80 80 06 06)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 10 80 80 08 08)
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0096 + DC 07-F0 MDP_XRT_FLD_ENA
0097 BC (d8)
0098 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0099 BC (c8)
0100 + DC 07-F0 MDP_XRT_ARS_DIS
0101 BC (d5)
0102 + DC 07-F0 MDP_XRT_AEC_RESET
0103 BC (d0)
0104 + DC 07-F0 MDP_XRT_FLD_RESET
0105 BC (da)
0106 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0107 BC (c4 05)
0108 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0109 BC (c5 0d)
0110 . C. ----- Success Verify ? OK / NG ____
0111 C.
0112 C.
0113 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0114 C.
0115 +. DC 07-F0 MDP_XRT_MODE_OBSV
0116 BC (c2)
0117 +. TI 2019-10-19 10:47:02.0
0118 DC 07-F0 MDP_XRT_MODE_OBSV
0119 BC (c2)
0120 . C. ----- Success Verify ? OK / NG ____
0121 C.
0122 C. ***** XRT END *****
0123 C.
0124 . C. ***** MDP 'ûÃîñî»ö%ÿñÊÂñ¹ñèDCBC•x²è *****
0125 C. (%â°îÿÓÿÃÿÈÿPÿËÿâÿçÿèñ%¼ññ¼Ã»Ûñ¹ñè)
0126 . S. DC-BC dcbc-402:DCBC
0127 (MDP_known_event)
0128 C.
0129 C.
0130 . C. ***** ÿDÿ¹•î Daily±;îÑñÊ'Øñ¹ñèDCBC•x²è *****
0131 . S. DC-BC dcbc-153:DCBC
0132 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0133 C.
0134 C.
0135 . C. ;ãLOSÿÃÿSÿËÿ-¼Ã»Û;ã
0136 C.
0137 . C. ***** LOS *****
0138 C.
```



\*\*\* OP Sequence for XRT \*\*\*

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2019/10/19 10:58:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 d7 03 01 f3
2019/10/19 17:59:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/10/19 17:59:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_441_OG [0x1b9]
                        TCIB_XRT_S_HTR_A_DIS 0 04-C0
2019/10/19 18:00:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 b0 00 01 f3
2019/10/19 23:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/10/19 23:59:56.0 XRT_FOCUS_POSITION_444_OG [0x1bc]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/10/20 00:00:00.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 2e f9 2e f9
2019/10/20 00:02:52.0 XRT_ARS_DIS_429_OG [0x1ad]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/10/20 00:02:54.0 XRT_FLRCTRL_DIS_438_OG [0x1b6]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/10/20 00:02:56.0 XRT_FLD_DIS_414_OG [0x19e]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2019/10/20 00:02:58.0 XRT_QT_PROG_SET_425_OG [0x1a9]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 10
2019/10/20 00:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/10/20 00:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/10/20 00:09:56.0 XRT_FOCUS_POSITION_444_OG [0x1bc]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/10/20 00:10:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM 5 02-76 00 2e f9 d1 07
2019/10/20 00:12:52.0 XRT_ARS_DIS_429_OG [0x1ad]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/10/20 00:12:54.0 XRT_FLRCTRL_DIS_438_OG [0x1b6]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/10/20 00:12:56.0 XRT_FLD_DIS_414_OG [0x19e]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2019/10/20 00:12:58.0 XRT_QT_PROG_SET_420_OG [0x1a4]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 04
2019/10/20 00:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/10/20 00:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/10/20 00:19:56.0 XRT_FOCUS_POSITION_444_OG [0x1bc]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/10/20 00:20:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM 5 02-76 00 d1 07 d1 07
2019/10/20 00:22:52.0 XRT_ARS_DIS_429_OG [0x1ad]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/10/20 00:22:54.0 XRT_FLRCTRL_DIS_438_OG [0x1b6]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/10/20 00:22:56.0 XRT_FLD_DIS_414_OG [0x19e]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2019/10/20 00:22:58.0 XRT_QT_PROG_SET_437_OG [0x1b5]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 13
2019/10/20 00:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/10/20 00:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/10/20 00:29:56.0 XRT_FOCUS_POSITION_444_OG [0x1bc]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/10/20 00:30:00.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM 5 02-76 00 d1 07 2e f9
2019/10/20 00:32:52.0 XRT_ARS_DIS_429_OG [0x1ad]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/10/20 00:32:54.0 XRT_FLRCTRL_DIS_438_OG [0x1b6]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/10/20 00:32:56.0 XRT_FLD_DIS_414_OG [0x19e]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2019/10/20 00:32:58.0 XRT_QT_PROG_SET_436_OG [0x1b4]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2019/10/20 00:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/10/20 00:39:52.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/10/20 00:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/10/20 00:39:56.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/10/20 00:40:00.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM 5 02-76 00 00 00 00 00
2019/10/20 00:40:16.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2019/10/20 00:40:18.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/10/20 00:40:20.0 XRT_ARS_DIS_443_OG [0x1bb]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/10/20 00:42:56.0 XRT_QT_PROG_SET_426_OG [0x1aa]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0e
2019/10/20 00:42:58.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/10/20 00:49:54.0 XRT_CTRL_MANU_402_OG [0x192]

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## XRT\_OGLIST\_0543.chk

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2019/10/20	00:49:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		XRT_FOCUS_POSITION		4	07-F8	22 fe	97 00
2019/10/20	00:50:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02 00	00 00 00
2019/10/20	00:50:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/10/20	00:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/10/20	00:50:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/10/20	00:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/10/20	00:50:24.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/20	00:52:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2019/10/20	00:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/20	00:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/20	00:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	00:57:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	00:57:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/20	00:57:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/20	01:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/20	01:05:00.0	XRT_Custom_430_OG [0x1ae]					
2019/10/20	01:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/20	02:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	02:21:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	02:21:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/20	02:21:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/20	02:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/20	02:40:00.0	XRT_Custom_430_OG [0x1ae]					
2019/10/20	02:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/20	03:03:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	03:03:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	03:03:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00
2019/10/20	03:03:30.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 00	00 00 00
2019/10/20	03:03:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/10/20	03:03:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/10/20	03:03:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/10/20	03:03:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/10/20	03:03:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/20	03:06:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2019/10/20	03:06:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/20	03:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/20	03:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	03:56:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	03:56:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/20	03:56:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/20	03:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/20	04:17:00.0	XRT_Custom_430_OG [0x1ae]					
2019/10/20	04:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/20	05:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	05:26:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/20	05:26:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/20	05:26:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/20	05:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					

2019/10/20	05:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/10/20	05:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/10/20	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/20	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/10/20	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2019/10/20	06:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/10/20	06:02:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/10/20	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/10/20	06:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/20	06:12:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	06:13:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/10/20	06:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/10/20	06:13:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/10/20	06:13:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/10/20	06:13:24.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/10/20	06:13:30.0	AOCS_Or-e-point_Start_8_OG [0x09e]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/20	06:15:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	AOCU_NM	5	02-76	02 00 00 00 00
2019/10/20	06:15:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/10/20	06:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/10/20	07:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/20	07:06:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	07:06:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	07:06:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/20	07:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/10/20	07:31:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/10/20	07:32:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/10/20	08:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/20	08:46:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	08:46:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	08:46:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/20	08:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/10/20	09:08:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/10/20	09:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/10/20	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/20	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/20	10:00:00.0	AOCS_Or-e-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/10/20	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 d7 03 01 f3
2019/10/20	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/10/20	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/10/20	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/10/20	10:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/10/20	10:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/20	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2019/10/20	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/10/20	10:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2019/10/20	10:26:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	10:26:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	10:26:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/20	10:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/20	10:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/20	10:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2019/10/20	13:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0			
2019/10/20	13:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	14:00:00.0	AOCS_OrE-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/20	14:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 00 00 00 00			
2019/10/20	14:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/20	14:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/20	14:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/20	14:00:24.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/20	14:02:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/20	14:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/20	14:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/20	15:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0			
2019/10/20	15:51:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/20	15:51:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	15:51:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	15:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/20	16:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/20	16:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/20	16:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0			
2019/10/20	16:10:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/20	16:10:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	16:10:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	16:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/20	16:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/20	16:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/20	16:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0			
2019/10/20	16:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/20	17:00:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	17:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/20	17:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	04 00 00 00 00			
2019/10/20	17:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/20	17:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/20	17:00:24.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/20	17:02:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/20	17:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/20	17:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/20	17:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/20	17:26:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0	c0			
2019/10/20	17:26:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/20	17:26:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	17:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/20	17:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/20			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/20			MDP_XRT_PREFLR_STOP	1	07-F0	e9			

2019/10/20	17:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/20	19:03:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	19:03:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	19:03:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/20	19:03:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/10/20	19:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/10/20	19:27:00.5	XRT_Custom_430_OG [0x1ae]							
2019/10/20	19:28:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/20	19:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	19:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	19:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/10/20	20:00:00.0	AOCS_OrE-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2019/10/20	20:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/10/20	20:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/10/20	20:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/10/20	20:02:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2019/10/20	20:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/20	20:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	20:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/10/20	20:10:00.0	AOCS_OrE-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2019/10/20	20:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/10/20	20:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/10/20	20:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/10/20	20:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/10/20	20:10:24.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/20	20:12:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2019/10/20	20:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/10/20	20:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/20	20:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	20:40:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	20:40:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/20	20:40:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/10/20	20:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/10/20	21:04:00.0	XRT_Custom_430_OG [0x1ae]							
2019/10/20	21:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/20	22:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	22:18:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	22:18:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/20	22:18:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/10/20	22:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/10/20	22:40:30.0	XRT_Custom_430_OG [0x1ae]							
2019/10/20	22:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/20	23:55:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	23:55:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/20	23:55:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/20	23:55:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/10/20	23:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/10/21	00:10:30.0	XRT_Custom_430_OG [0x1ae]							
2019/10/21	00:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

2019/10/21	01:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	01:27:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	01:27:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	01:27:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/21	01:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/10/21	01:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/10/21	01:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	02:35:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	02:35:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	02:35:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	02:35:30.0	AOCS_Ore-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/10/21	02:35:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00		
2019/10/21	02:35:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/10/21	02:35:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/10/21	02:35:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/10/21	02:35:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/10/21	02:38:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/21	02:38:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2019/10/21	02:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/10/21	02:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	02:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	02:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	02:54:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/21	02:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/10/21	03:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/10/21	03:15:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	04:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	04:22:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	04:22:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	04:22:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/21	04:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/10/21	04:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/10/21	04:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	05:35:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	05:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	05:35:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	05:35:24.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/10/21	05:35:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/10/21	05:35:28.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/10/21	05:38:04.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/10/21	05:38:06.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2019/10/21	05:45:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	05:45:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	05:45:30.0	AOCS_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/10/21	05:45:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 00 00 00 00		
2019/10/21	05:45:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/10/21	05:45:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/10/21	05:45:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		

2019/10/21	05:45:54.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	05:48:26.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2019/10/21	05:48:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/21	05:48:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	06:02:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	06:02:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	06:02:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	06:02:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/21	06:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/21	06:29:00.0	XRT_Custom_430_OG [0x1ae]					
2019/10/21	06:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	07:42:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	07:42:32.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	07:42:34.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	07:42:36.5	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/21	07:45:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/21	08:06:30.0	XRT_Custom_430_OG [0x1ae]					
2019/10/21	08:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	09:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	09:22:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	09:22:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	09:22:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/21	09:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/21	09:42:30.0	XRT_Custom_430_OG [0x1ae]					
2019/10/21	09:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2019/10/21	10:00:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	d7 03 01 f3
2019/10/21	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/10/21	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/10/21	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/10/21	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/10/21	10:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	10:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
2019/10/21	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/21	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	11:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	11:03:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	11:03:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	11:03:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/21	11:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/21	11:12:30.0	XRT_Custom_430_OG [0x1ae]					
2019/10/21	11:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	13:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	13:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	13:47:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2019/10/21	13:47:30.0	AOCS_OrE-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	57 74 01 f3

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2019/10/21	13:47:48.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/21	13:47:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/21	13:47:52.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/21	13:47:54.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/21	13:47:56.0	XRT_FLD_RESET_407_OG [0x197]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	13:50:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/21	13:50:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/21	13:50:32.5	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/21	14:09:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	14:09:26.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	14:09:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/21	14:09:30.0	AOCS_ORe-point_Start_12_OG [0x0a2]						
		AOCU_NM	5	02-76	00 4e 97 01 f3			
2019/10/21	14:09:48.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/21	14:09:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/21	14:09:52.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/21	14:09:54.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/21	14:09:56.0	XRT_FLD_RESET_407_OG [0x197]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	14:12:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/21	14:12:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/21	14:12:32.5	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/21	14:52:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	14:52:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	14:52:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	14:52:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/21	14:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/21	14:58:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	14:58:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	14:58:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/21	14:59:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]						
		AOCU_NM	5	02-76	00 45 b2 01 f3			
2019/10/21	14:59:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/21	14:59:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/21	14:59:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/21	14:59:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/21	14:59:26.0	XRT_FLD_RESET_407_OG [0x197]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	15:01:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/21	15:02:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/21	15:02:02.5	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/21	15:20:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	15:20:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	15:20:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/21	15:21:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]						
		AOCU_NM	5	02-76	00 3c cc 01 f3			
2019/10/21	15:21:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/21	15:21:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/21	15:21:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/21	15:21:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/21	15:21:26.0	XRT_FLD_RESET_407_OG [0x197]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	15:23:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]						



2019/10/21	15:24:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/21	15:24:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	15:42:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	15:42:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	15:42:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2019/10/21	15:43:00.0	AOCs_OrE-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 33 e7	01 f3
2019/10/21	15:43:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/10/21	15:43:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/10/21	15:43:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/10/21	15:43:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/10/21	15:43:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	15:45:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2019/10/21	15:46:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/21	15:46:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	16:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	16:25:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	16:25:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	16:25:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/10/21	16:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/10/21	16:48:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	16:48:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	16:48:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2019/10/21	16:49:00.0	AOCs_OrE-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 2b 02	01 f3
2019/10/21	16:49:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/10/21	16:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/10/21	16:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/10/21	16:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/10/21	16:49:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	16:51:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2019/10/21	16:52:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/21	16:52:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	17:10:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	17:10:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	17:10:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2019/10/21	17:11:00.0	AOCs_OrE-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 22 24	01 f3
2019/10/21	17:11:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/10/21	17:11:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/10/21	17:11:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/10/21	17:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/10/21	17:11:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/10/21	17:13:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2019/10/21	17:14:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/10/21	17:14:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/10/21	17:32:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	17:32:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/10/21	17:32:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00

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2019/10/21	17:33:00.0	AOCS_OrE-point_Start_18_OG [0x0a8]								
		AOCU_NM	5	02-76	00	19	3f	01	f3	
2019/10/21	17:33:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2019/10/21	17:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2019/10/21	17:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2019/10/21	17:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/10/21	17:33:26.0	XRT_FLD_RESET_407_OG [0x197]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/10/21	17:35:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08				
2019/10/21	17:36:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d				
2019/10/21	17:36:02.5	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/10/21	18:01:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	18:01:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	18:01:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/10/21	18:01:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/10/21	18:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2019/10/21	18:24:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	18:24:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	18:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00		
2019/10/21	18:25:00.0	AOCS_OrE-point_Start_7_OG [0x09d]								
		AOCU_NM	5	02-76	00	00	00	00	00	
2019/10/21	18:25:18.0	XRT_FLD_DIS_409_OG [0x199]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2019/10/21	18:25:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2019/10/21	18:25:22.0	XRT_ARS_DIS_443_OG [0x1bb]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/10/21	18:27:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06				
2019/10/21	18:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/10/21	18:47:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	18:47:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	18:47:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2019/10/21	18:48:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]								
		AOCU_NM	5	02-76	00	10	5a	01	f3	
2019/10/21	18:48:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2019/10/21	18:48:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2019/10/21	18:48:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2019/10/21	18:48:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/10/21	18:48:26.0	XRT_FLD_RESET_407_OG [0x197]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/10/21	18:50:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08				
2019/10/21	18:51:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d				
2019/10/21	18:51:02.5	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/10/21	19:09:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	19:09:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/10/21	19:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2019/10/21	19:10:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]								
		AOCU_NM	5	02-76	00	07	74	01	f3	
2019/10/21	19:10:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2019/10/21	19:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2019/10/21	19:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2019/10/21	19:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/10/21	19:10:26.0	XRT_FLD_RESET_407_OG [0x197]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/10/21	19:12:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08				
2019/10/21	19:13:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d				
2019/10/21	19:13:02.5	XRT_CTRL_AUTO_408_OG [0x198]								

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2019/10/21	19:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	19:38:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	19:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	19:38:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/21	19:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/21	20:02:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	20:02:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	20:02:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/21	20:02:30.0	AOCS_Ore-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00 ff 75 01 f3			
2019/10/21	20:02:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/21	20:02:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/21	20:02:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/21	20:02:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/21	20:02:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	20:05:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/21	20:05:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/21	20:05:32.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/21	20:24:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	20:24:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	20:24:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/21	20:24:30.0	AOCS_Ore-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 f6 98 01 f3			
2019/10/21	20:24:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/21	20:24:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/21	20:24:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/21	20:24:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/21	20:24:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	20:27:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/21	20:27:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/21	20:27:32.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/21	20:46:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	20:46:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	20:46:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/21	20:46:30.0	AOCS_Ore-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00 ed b3 01 f3			
2019/10/21	20:46:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/21	20:46:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/21	20:46:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/21	20:46:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/21	20:46:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	20:49:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2019/10/21	20:49:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/21	20:49:32.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/21	21:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	21:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/21	21:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/21	21:15:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/21	21:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			

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2019/10/21	21:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	21:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	21:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/10/21	21:40:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	00 e4 cd 01 f3
2019/10/21	21:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/10/21	21:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/10/21	21:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/10/21	21:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/10/21	21:40:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/21	21:42:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/10/21	21:43:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/10/21	21:43:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/21	22:01:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	22:01:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	22:01:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/10/21	22:02:00.0	AOCS_ORe-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00 db e8 01 f3
2019/10/21	22:02:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/10/21	22:02:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/10/21	22:02:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/10/21	22:02:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/10/21	22:02:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/21	22:04:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/10/21	22:05:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/10/21	22:05:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/21	22:23:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	22:23:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	22:23:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/10/21	22:24:00.0	AOCS_ORe-point_Start_26_OG [0x0b0]	AOCU_NM	5	02-76	00 d3 03 01 f3
2019/10/21	22:24:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/10/21	22:24:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/10/21	22:24:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/10/21	22:24:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/10/21	22:24:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/21	22:26:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2019/10/21	22:27:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/10/21	22:27:02.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/10/21	22:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	22:52:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	22:52:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/10/21	22:52:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/10/21	22:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/10/21	23:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	23:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/10/21	23:15:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/10/21	23:15:30.0	AOCS_ORe-point_Start_27_OG [0x0b1]	AOCU_NM	5	02-76	00 ca 25 01 f3
2019/10/21	23:15:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/10/21	23:15:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				

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2019/10/21	23:15:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/10/21	23:15:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/10/21	23:15:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/21	23:18:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2019/10/21	23:18:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/10/21	23:18:32.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	23:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	23:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	23:37:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2019/10/21	23:37:30.0	AOCS_Or-e-point_Start_28_OG [0x0b2]	AOCU_NM	5	02-76	00	c1	40 01 f3
2019/10/21	23:37:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/10/21	23:37:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/10/21	23:37:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/10/21	23:37:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/10/21	23:37:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/21	23:40:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2019/10/21	23:40:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/10/21	23:40:32.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/21	23:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	23:59:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/21	23:59:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2019/10/21	23:59:30.0	AOCS_Or-e-point_Start_29_OG [0x0b3]	AOCU_NM	5	02-76	00	b8	5b 01 f3
2019/10/21	23:59:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/10/21	23:59:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/10/21	23:59:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/10/21	23:59:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/10/21	23:59:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/22	00:02:28.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2019/10/22	00:02:30.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/10/22	00:02:32.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/10/22	00:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/22	00:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/22	00:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/22	00:30:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/10/22	00:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/10/22	00:40:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/22	00:40:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/10/22	00:40:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2019/10/22	00:41:00.0	AOCS_Or-e-point_Start_30_OG [0x0b4]	AOCU_NM	5	02-76	00	af	75 01 f3
2019/10/22	00:41:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/10/22	00:41:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/10/22	00:41:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/10/22	00:41:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/10/22	00:41:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/10/22	00:43:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2019/10/22	00:44:00.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	

2019/10/22	00:44:02.5	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/22	01:09:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	01:09:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	01:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/10/22	01:10:00.0	AOCS_Ore-point_Start_7_OG [0x09d]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2019/10/22	01:10:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/10/22	01:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/10/22	01:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/10/22	01:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/22	01:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/22	01:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2019/10/22	01:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/10/22	01:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/22	01:55:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	01:55:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	01:55:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/22	01:55:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/22	01:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/22	02:13:00.0	XRT_Custom_430_OG [0x1ae]						
2019/10/22	02:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/22	03:28:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	03:28:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	03:28:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/22	03:28:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/22	03:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/22	03:49:30.0	XRT_Custom_430_OG [0x1ae]						
2019/10/22	03:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/22	04:58:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	04:58:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	04:58:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/10/22	04:58:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/10/22	05:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/10/22	05:26:30.0	XRT_Custom_430_OG [0x1ae]						
2019/10/22	05:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/22	05:50:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	05:50:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	05:50:58.0	XRT_FOCUS_RECALIBRATE_403_OG [0x193]						
		XRT_FOCUS_RECAL	2	07-F8	78 00			
2019/10/22	05:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/10/22	05:55:18.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/10/22	05:55:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/10/22	05:55:22.0	XRT_ARS_DIS_443_OG [0x1bb]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/10/22	05:57:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e			
2019/10/22	05:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/10/22	06:04:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	06:04:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/10/22	06:04:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/10/22	06:05:00.0	AOCS_Ore-point_Start_8_OG [0x09e]						
		AOCU_NM	5	02-76	02 00 00 00 00			
2019/10/22	06:05:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			

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2019/10/22	06:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/10/22	06:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/10/22	06:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/10/22	06:05:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/22	06:07:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2019/10/22	06:07:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/10/22	06:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/22	06:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/22	06:38:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/22	06:38:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/22	06:38:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/10/22	06:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/10/22	07:04:00.0	XRT_Custom_430_OG [0x1ae]							
2019/10/22	07:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/22	08:18:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/22	08:18:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/22	08:18:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/22	08:18:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/10/22	08:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/10/22	08:41:00.0	XRT_Custom_430_OG [0x1ae]							
2019/10/22	08:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/10/22	09:58:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/22	09:58:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/10/22	09:58:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/10/22	09:58:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/10/22	10:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/10/22	10:33:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	00	00	00	00