

# XRT Timeline to be uploaded on 2019/09/17

Period: 2019/09/17 10:34:00 - 2019/09/21 10:12:00

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## Normal mode

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### XOB #1C5D: CME watch - 4x4 - AEC 2/3 - Al-poly - AEC2 - Be-thin - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
09/17 10:58:06 - 09/17 11:18:24	Fixed ( 936.0, 0.0)	# OP start + 10min HOP 130 (1/15)
<b>PROG= 01 Inf.-time(s)</b>		
Subr= 1 1-time(s) 2.0sec		
Seqn= 30 1-time(s) 2.0sec		
Open/G-band Open/G-band open	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024)	Q=90 0 0 2.0sec
Open/G-band Open/G-band close	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024)	Q=95 0 0 2.0sec
Subr= 2 10-time(s) 360.0sec		
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= 83 1-time(s) 2.0sec		
thin-Be/Open med-Be/Open close	Safe Norm 1.41s 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 #1BB5: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 120s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
09/17 11:21:30 - 09/17 11:34:24	Fixed ( 468.0, 0.0)	# HOP 130 (2/15)
09/17 11:53:30 - 09/17 12:06:24	Fixed ( -468.0, 0.0)	# HOP 130 (4/15)
09/17 12:09:30 - 09/17 12:22:24	Fixed ( -936.0, 0.0)	# HOP 130 (5/15)
09/17 12:25:30 - 09/17 12:32:24	Fixed ( 815.0, 470.0)	# HOP 130 (6/15)
09/17 12:35:30 - 09/17 12:48:24	Fixed ( 411.0, 847.0)	# HOP 130 (7/15)
09/17 12:51:30 - 09/17 13:04:24	Fixed ( 0.0, 941.0)	# HOP 130 (8/15)
09/17 13:07:30 - 09/17 13:20:24	Fixed ( -411.0, 847.0)	# HOP 130 (9/10)
09/17 13:23:30 - 09/17 13:30:24	Fixed ( -815.0, 470.0)	# HOP 130 (10/15)
09/17 13:33:30 - 09/17 13:40:24	Fixed ( 815.0, -470.0)	# HOP 130 (11/15)
09/17 13:43:30 - 09/17 13:56:24	Fixed ( 411.0, -847.0)	# HOP 130 (12/15)
09/17 13:59:30 - 09/17 14:12:24	Fixed ( 0.0, -941.0)	# HOP 130 (13/15)
09/17 14:15:30 - 09/17 14:28:24	Fixed ( -411.0, -847.0)	# HOP 130 (14/15)
09/17 14:31:30 - 09/17 14:39:54	Fixed ( -815.0, -471.0)	# HOP 130 (15/15)
<b>PROG= 15 Inf.-time(s)</b>		
Subr= 1 1-time(s) 2.0sec		
Seqn= 30 1-time(s) 2.0sec		
Open/G-band Open/G-band open	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024)	Q=90 0 0 2.0sec
Open/G-band Open/G-band close	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024)	Q=95 0 0 2.0sec
Subr= 2 20-time(s) 120.0sec		
Seqn= 8 1-time(s) 2.0sec		
thin-Be/Open med-Be/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024)	Q=98 3 0 2.0sec
thin-Be/Open med-Be/Open close	Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024)	DPCM 2 0 2.0sec
Seqn= 6 1-time(s) 2.0sec		
Al-poly/Open Al-poly/Open close	Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024)	Q=98 3 0 2.0sec
Al-poly/Open Al-poly/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024)	DPCM 2 0 2.0sec
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval		

### XOB #1C56: Synoptic 7 Filter w/ Al-mesh(512/2048/5795), Al-poly(512/5795/11571), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/2314)

Term	Pointing (x, y)	Comment
09/17 11:37:30 - 09/17 11:50:24	Fixed ( 0.0, 0.0)	# HOP 130 (3/15)
<b>PROG= 14 1-time(s)</b>		
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) 4.0sec		
Open/G-band Open/G-band open	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024)	Q=90 0 0 2.0sec
Open/G-band Open/G-band close	Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		

Seqn= 46		1-time(s)	2.0sec												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec		
Seqn= 17		1-time(s)	2.0sec												
med-All/Open	med-All/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec		
med-All/Open	med-All/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec		
Seqn= 97		1-time(s)	2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec		
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval			

**XOB #1B87: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 30s cadence, G-band - 384x384 3ms**

Term	Pointing (x, y)	Comment
09/17 14:43:00 - 09/17 19:59:54	Fixed ( 0.0, 822.0)	# HOP 385 (BITSE)
09/18 16:03:00 - 09/18 20:59:54	Fixed ( 0.0, 822.0)	# HOP 385 (BITSE)
<b>PROG= 09 Inf.-time(s)</b>		
Subr= 1		1-time(s) 2.0sec
Seqn= 65		2-time(s) 2.0sec
Open/G-band	Open/G-band	close Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Subr= 2		1-time(s) 2.0sec
Seqn= 74		1-time(s) 30.0sec
Open/G-band	Open/G-band	open Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Subr= 3		60-time(s) 2.0sec
Seqn= 57		1-time(s) 30.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

**XOB #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
09/17 20:03:00 - 09/17 20:09:54	Fixed ( 0.0, 0.0)	synoptic
09/18 05:53:00 - 09/18 05:59:54	Fixed ( 0.0, 0.0)	# HOP 349
09/18 21:03:00 - 09/18 21:09:54	Fixed ( 0.0, 0.0)	synoptic
09/19 06:03:00 - 09/19 06:09:54	Fixed ( 0.0, 0.0)	# HOP 349
<b>PROG= 07 1-time(s)</b>		
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 #1B93: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 30s cadence, G-band - 384x384 1ms**

Term	Pointing (x, y)	Comment
09/17 20:13:00 - 09/18 01:39:00	Fixed ( 0.0, -900.0)	# Coronal hole obs. @S-pole
09/18 10:03:00 - 09/18 15:59:54	Fixed ( -22.0, 861.0)	# HOP 206
09/18 21:13:00 - 09/19 01:59:54	Fixed ( 0.0, -900.0)	# Coronal hole obs. @S-pole
09/19 06:13:00 - 09/19 11:05:30	Fixed ( 0.0, -900.0)	# Coronal hole obs. @S-pole
<b>PROG= 06 Inf.-time(s)</b>		
Subr= 1		1-time(s) 2.0sec
Seqn= 16		2-time(s) 2.0sec
Open/G-band	Open/G-band	close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Subr= 2		1-time(s) 2.0sec
Seqn= 90		1-time(s) 30.0sec
Open/G-band	Open/G-band	open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Subr= 3		60-time(s) 2.0sec
Seqn= 57		1-time(s) 30.0sec
Open/Al-mesh	Open/Al-mesh	close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

**XOB #1C1F: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/5795], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 50 min cadence**

Term	Pointing (x, y)	Comment
09/18 02:07:34 - 09/18 05:49:54	Fixed ( 0.0, 0.0)	# HOP 349
09/19 02:03:00 - 09/19 05:59:54	Fixed ( 0.0, 0.0)	# HOP 349

**PROG= 03 Inf.-time(s)**

- Subr= 1 1-time(s) 600.0sec
  - 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= 82 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 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= 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= 30 1-time(s) 2.0sec
    - Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
    - Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec
- Subr= 2 4-time(s) 600.0sec
  - 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
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**XOB #1C5B: Quiet Sun - Al/Mesh, Al/poly - 2x2 - 768 FOV 1064 1048 - Gband (1ms/1ms leak) 384x384 - AEC 2/3 120s cadence**

Term	Pointing (x, y)	Comment
09/18 06:03:00 - 09/18 09:38:30	Track ( -354.8, -712.1) <sup>© 09/18 06:00:00</sup>	# filament obs. @S-hemisphere

**PROG= 04 Inf.-time(s)**

- Subr= 1 1-time(s) 2.0sec
  - Seqn= 92 1-time(s) 30.0sec
    - Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
    - Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
    - Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
- Subr= 2 30-time(s) 2.0sec
  - Seqn= 59 1-time(s) 120.0sec
    - Open/Al-mesh Open/Al-mesh close Safe Norm 5.66s Obs 2x2 768x768 (1064, 1048) Q=95 2 0 2.0sec
    - Open/Al-mesh Open/Al-mesh close Safe Norm 5.66s Obs 2x2 768x768 (1064, 1048) Q=95 3 0 2.0sec
    - Al-poly/Open Al-poly/Open close Safe Norm 8.00s Obs 2x2 768x768 (1064, 1048) Q=95 2 0 2.0sec
    - Al-poly/Open Al-poly/Open close Safe Norm 8.00s Obs 2x2 768x768 (1064, 1048) Q=95 3 0 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**Flare mode**

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

Term	Pointing (x, y)	Comment
09/17 10:58:06 - 09/17 11:18:24	Fixed ( 936.0, 0.0)	# OP start + 10min HOP 130 (1/15)
09/17 11:21:30 - 09/17 11:34:24	Fixed ( 468.0, 0.0)	# HOP 130 (2/15)
09/17 11:53:30 - 09/17 12:06:24	Fixed ( -468.0, 0.0)	# HOP 130 (4/15)
09/17 12:09:30 - 09/17 12:22:24	Fixed ( -936.0, 0.0)	# HOP 130 (5/15)
09/17 12:25:30 - 09/17 12:32:24	Fixed ( 815.0, 470.0)	# HOP 130 (6/15)
09/17 12:35:30 - 09/17 12:48:24	Fixed ( 411.0, 847.0)	# HOP 130 (7/15)
09/17 12:51:30 - 09/17 13:04:24	Fixed ( 0.0, 941.0)	# HOP 130 (8/15)
09/17 13:07:30 - 09/17 13:20:24	Fixed ( -411.0, 847.0)	# HOP 130 (9/10)
09/17 13:23:30 - 09/17 13:30:24	Fixed ( -815.0, 470.0)	# HOP 130 (10/15)
09/17 13:33:30 - 09/17 13:40:24	Fixed ( 815.0, -470.0)	# HOP 130 (11/15)
09/17 13:43:30 - 09/17 13:56:24	Fixed ( 411.0, -847.0)	# HOP 130 (12/15)
09/17 13:59:30 - 09/17 14:12:24	Fixed ( 0.0, -941.0)	# HOP 130 (13/15)
09/17 14:15:30 - 09/17 14:28:24	Fixed ( -411.0, -847.0)	# HOP 130 (14/15)
09/17 14:31:30 - 09/17 14:39:54	Fixed ( -815.0, -471.0)	# HOP 130 (15/15)
09/17 20:13:00 - 09/18 01:39:00	Fixed ( 0.0, -900.0)	# Coronal hole obs. @S-pole
09/18 06:03:00 - 09/18 09:38:30	Track ( -354.8, -712.1) <sup>© 09/18 06:00:00</sup>	# filament obs. @S-hemisphere
09/18 21:13:00 - 09/19 01:59:54	Fixed ( 0.0, -900.0)	# Coronal hole obs. @S-pole
09/19 06:13:00 - 09/19 11:05:30	Fixed ( 0.0, -900.0)	# Coronal hole obs. @S-pole

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

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

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

\* \* \* \* \*

### Active Region Search

\* \* \* \* \*

NOT USED

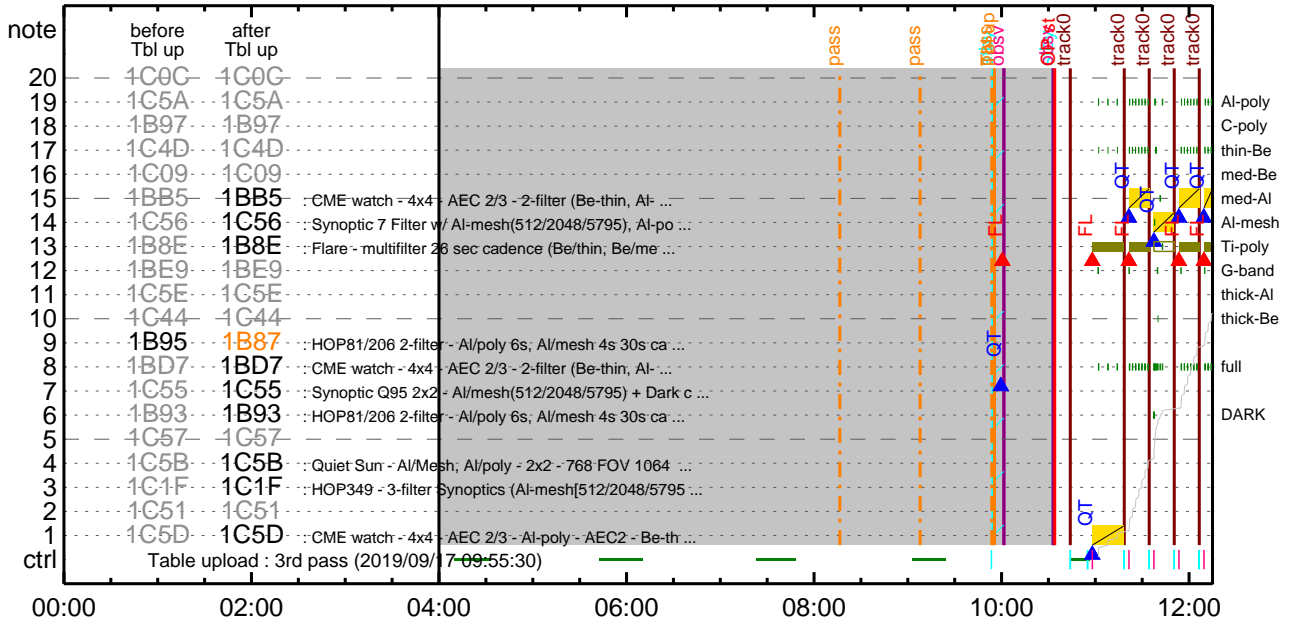
\* \* \* \* \*

### Flare Detection

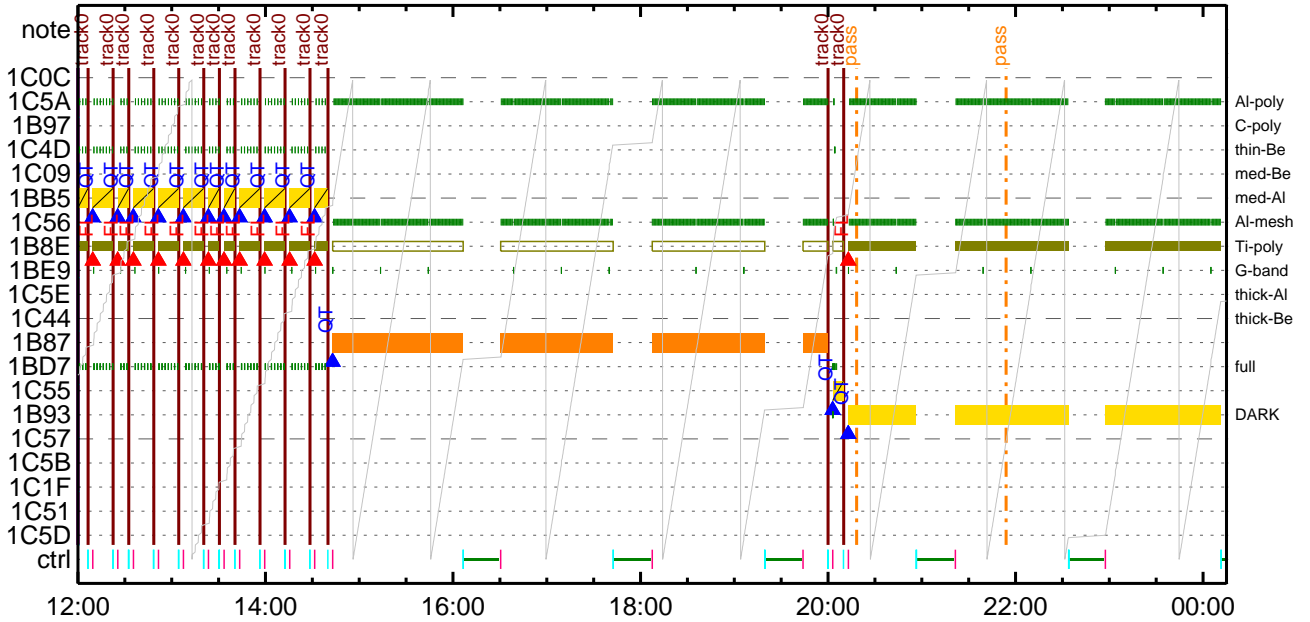
\* \* \* \* \*

FLD Patrol												
Term	Pointing (x, y)						Comment					
09/17 11:50:48 - 09/17 14:40:16	Fixed ( -468.0, 0.0)						# HOP 130 (4/15)					
09/17 20:10:16 - 09/18 02:07:24	Fixed ( 0.0, -900.0)						# Coronal hole obs. @S-pole					
09/18 06:00:18 - 09/18 10:00:16	Track ( -354.8, -712.1) @ 09/18 06:00:00						# filament obs. @S-hemisphere					
09/18 21:10:16 - 09/19 02:00:18	Fixed ( 0.0, -900.0)						# Coronal hole obs. @S-pole					
09/19 06:10:16 - 09/21 10:12:00	Fixed ( 0.0, -900.0)						# Coronal hole obs. @S-pole					
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	

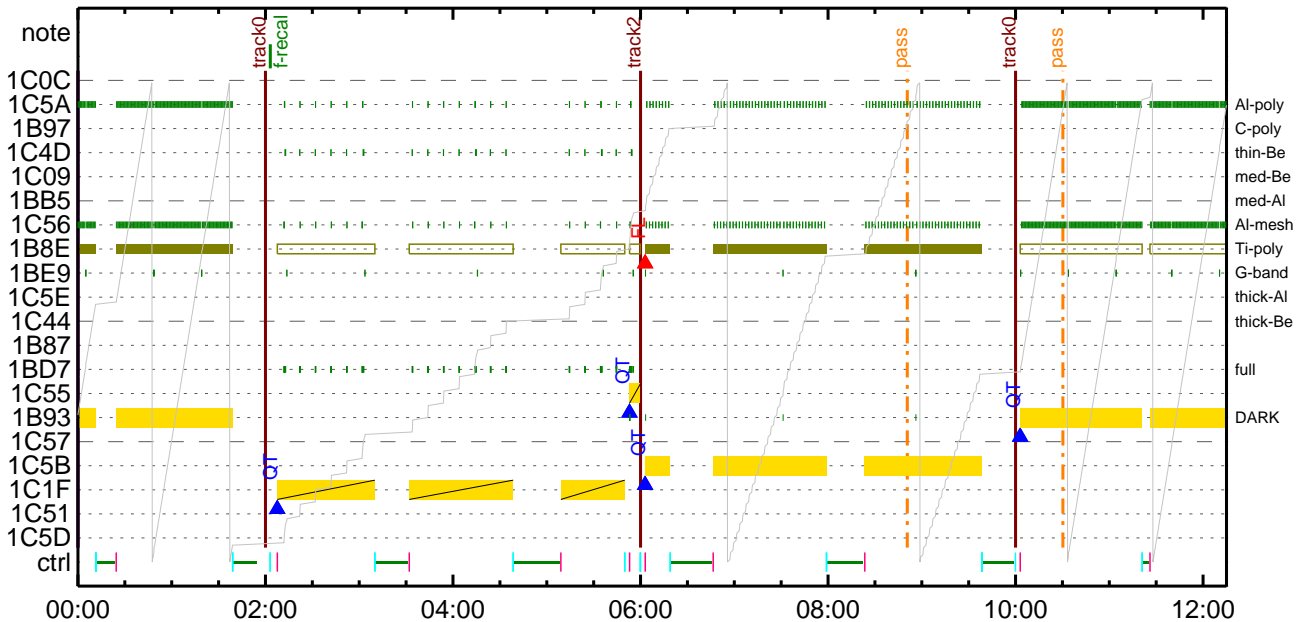
### CMDI #0479 2019/09/17



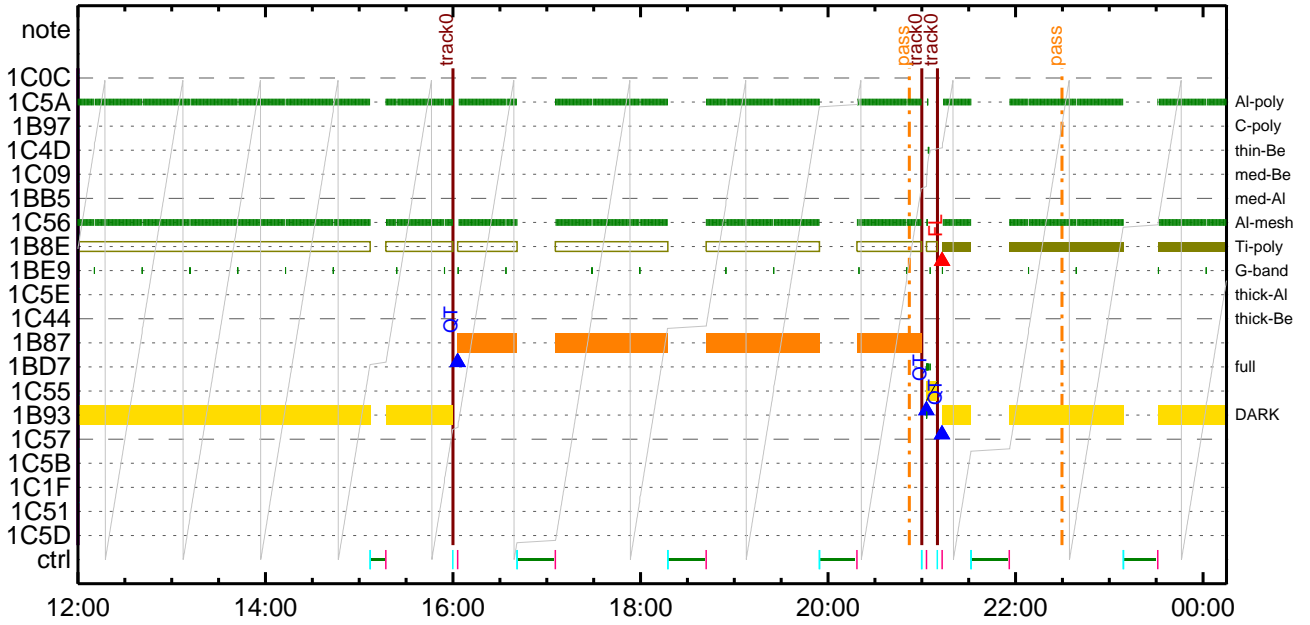
### CMDI #0479 2019/09/17



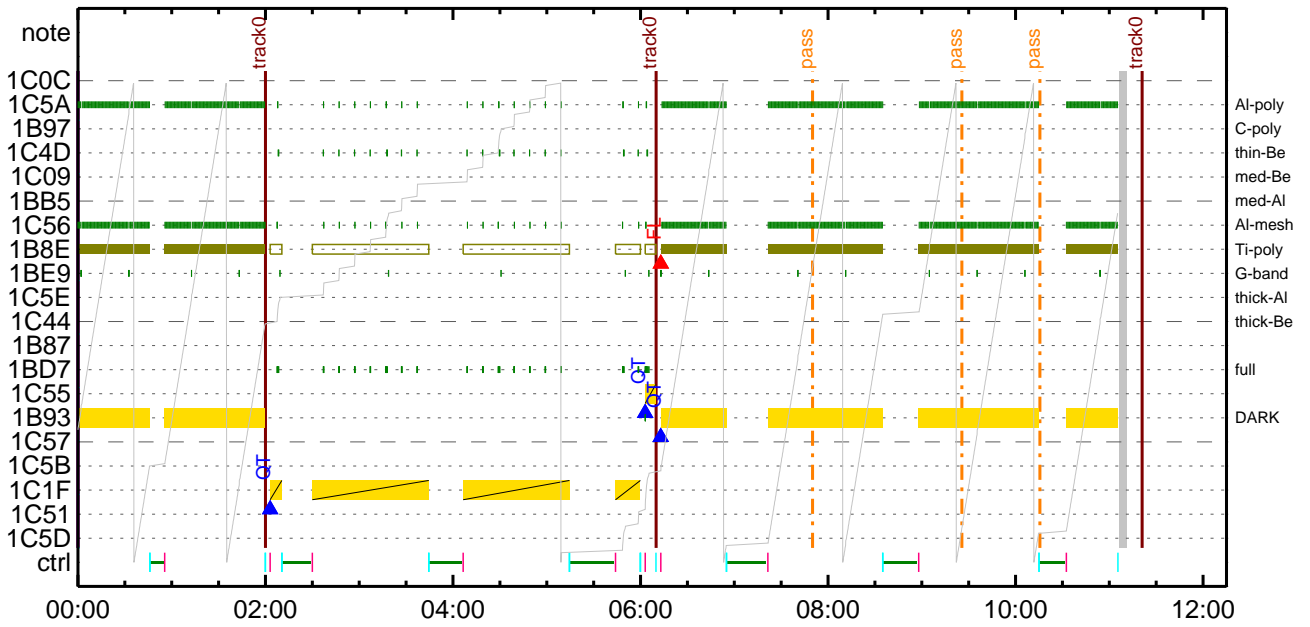
### CMDI #0479 2019/09/18



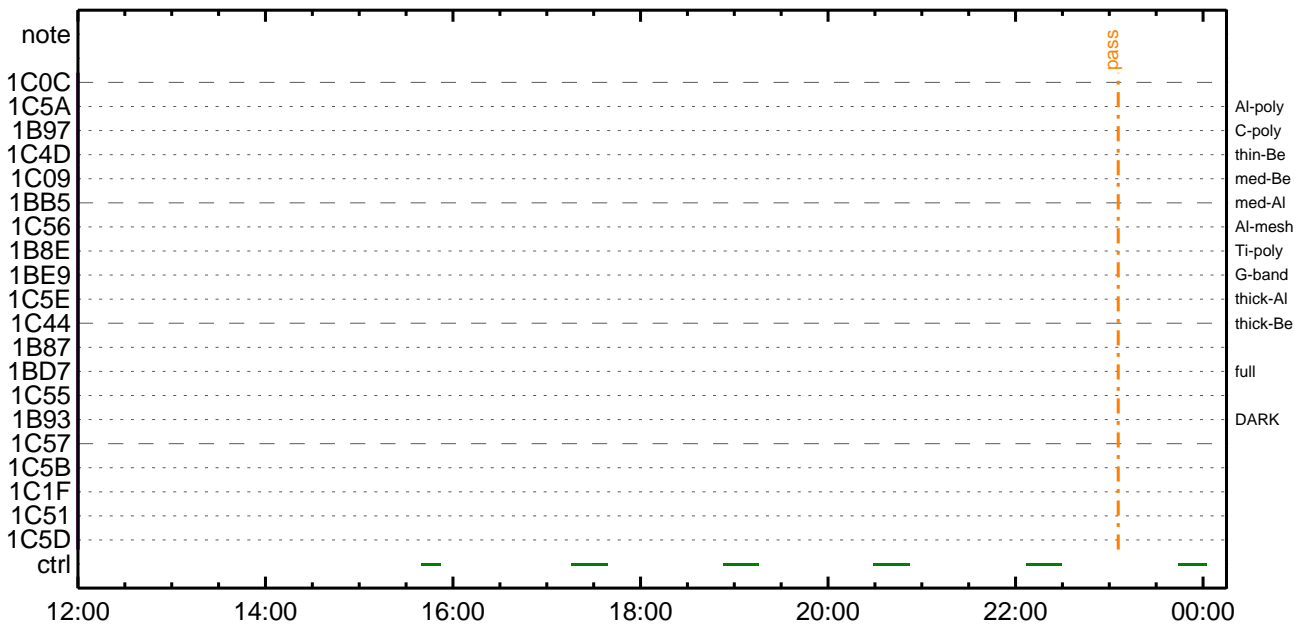
CMDI #0479 2019/09/18



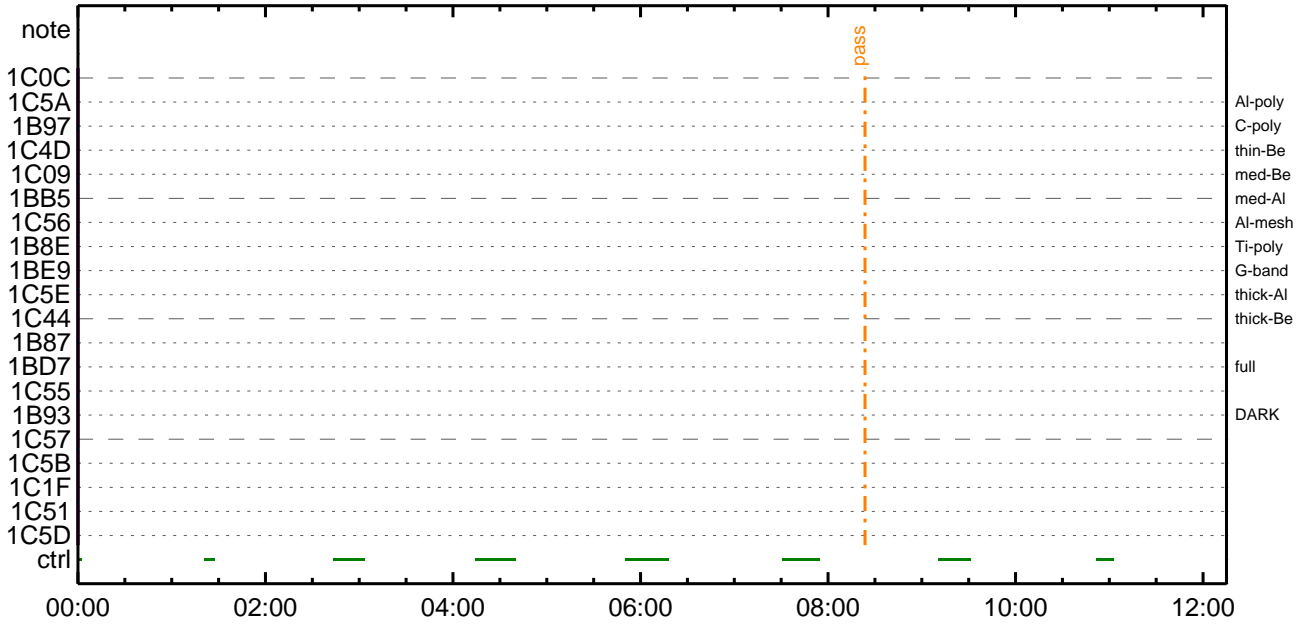
CMDI #0479 2019/09/19



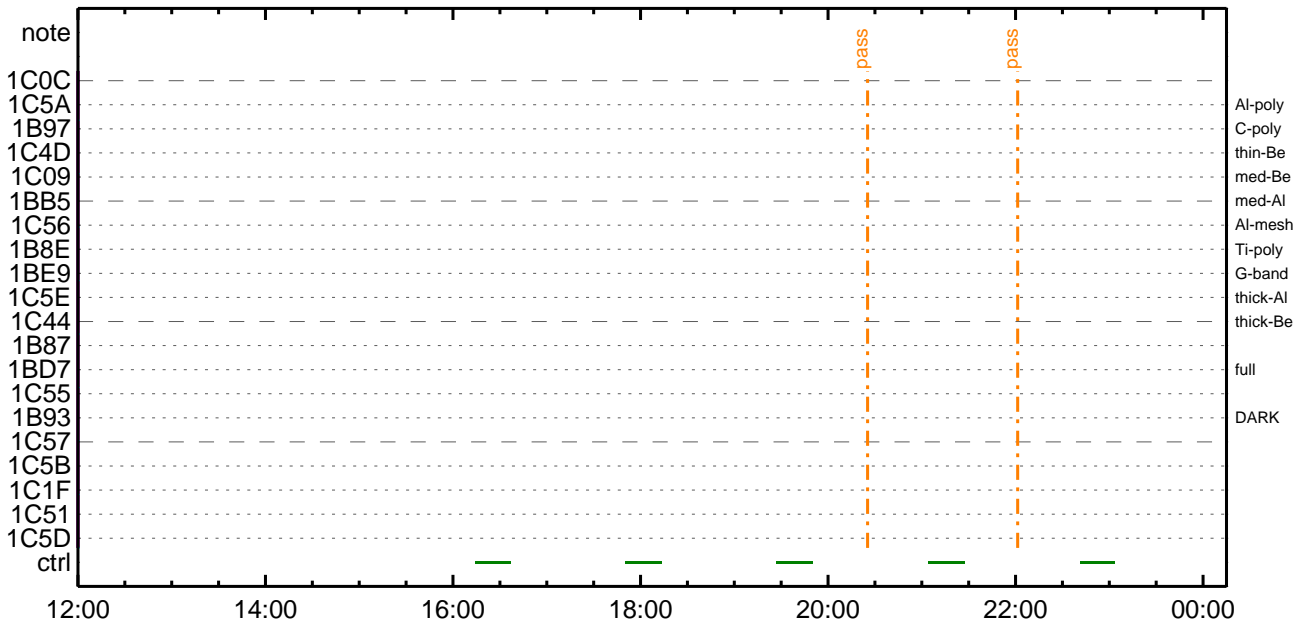
CMDI #0479 2019/09/19



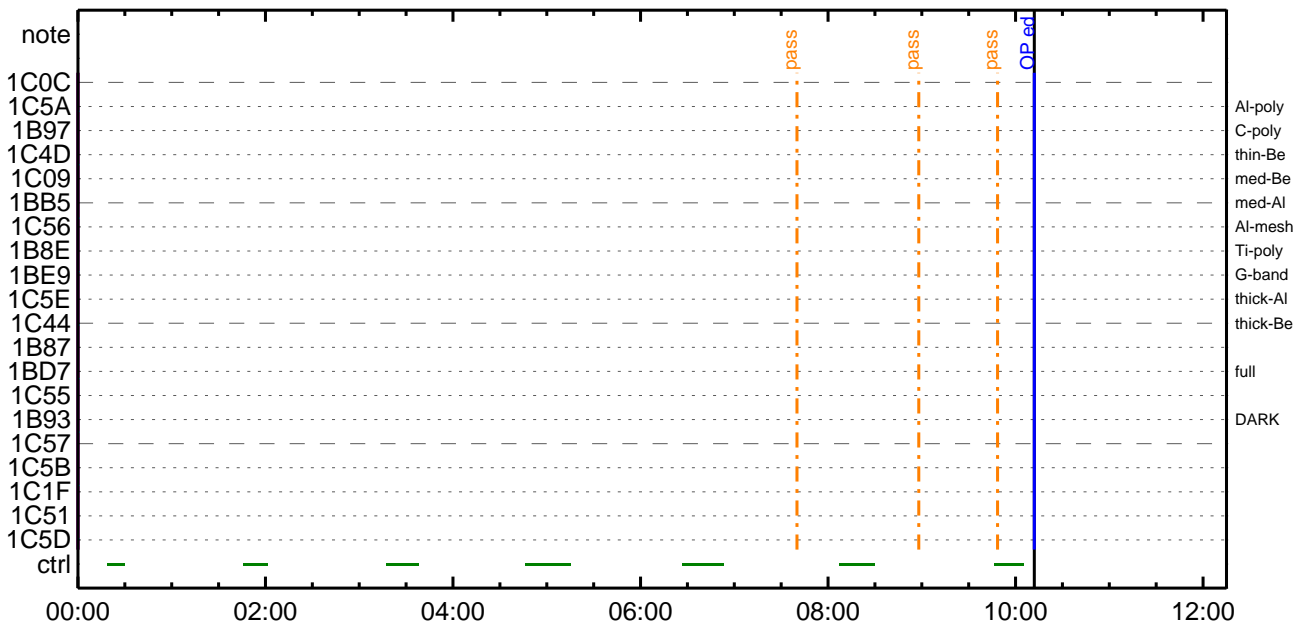
CMDI #0479 2019/09/20



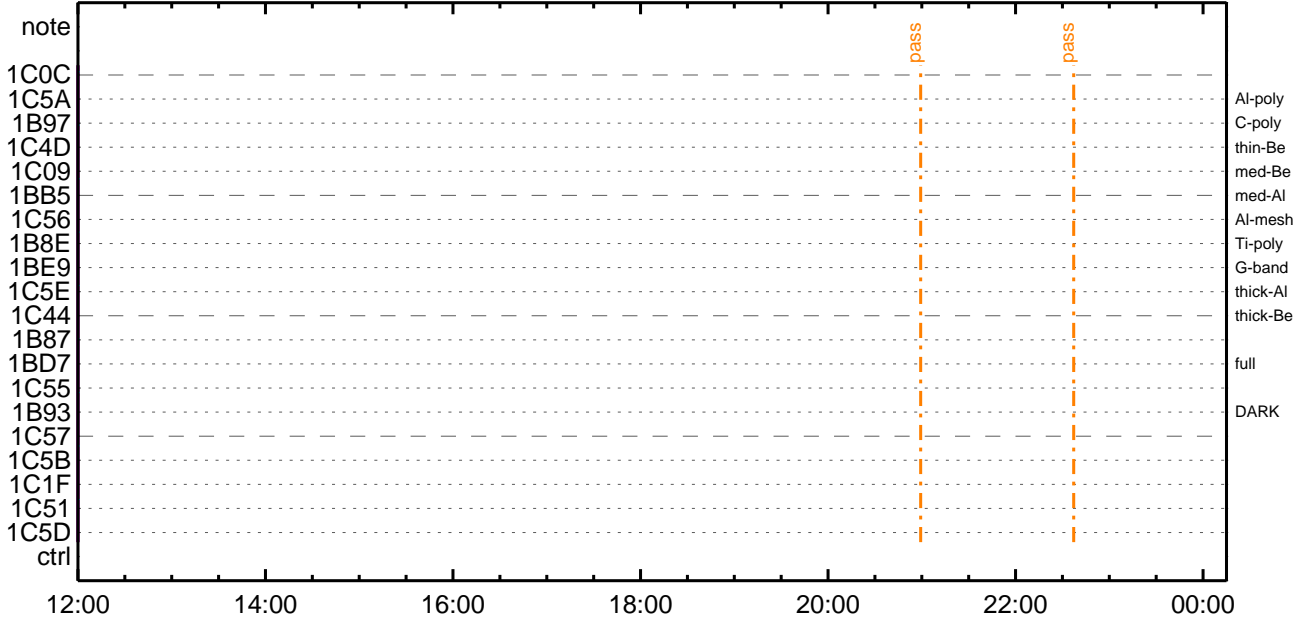
CMDI #0479 2019/09/20



CMDI #0479 2019/09/21



CMDI #0479 2019/09/21









```

0194 C.
0195 +. TI 2019-09-17 10:33:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          ðð[HK1_TI_CMD_NUM]            EQ      1COUNTUP
0198 C.
0199 C. °È²¼σîÄê%îîñσîÞÁ¥§¥Ä¥~¹àîÜ
0200 C.          ðð[HK1_TI_CMD_ENA/DIS]        EQ      ENA
0201 C.          ðð[HK1_TI_CMD_NUM]            EQ      4
0202 C.          ðð[HK1_NEXT_EXEC_PIM]         EQ      DHU
0203 C.          ðð[HK1_NEXT_EXEC_DC]         EQ      0xB3
0204 C.
0205 C. *****
0206 C. Tíîî°è¥Ä¥Ö¥×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          ðð[HK1_DMP_TOP_ADRS_1]        EQ      07
0213 C.          ðð[HK1_DMP_TOP_ADRS_0]        EQ      2B
0214 C.          ðð[HK1_DMP_BLOCK_NUM]         EQ      3
0215 C.          ðð[HK1_DMP_REPEAT_NUM]        EQ      0
0216 C.          ðð[HK1_DMA_DMP_PIM]           EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          ðð[HK1_PKT_FORM_NO]           EQ      7
0220 C.          ðð[HK1_PKT_GEN_TIME]          EQ      0.25 s
0221 C.          ðð[HK1_S_TLM_BIT_RATE]        EQ      32k
0222 C.          ðð[HK1_X_TLM_BIT_RATE]        EQ      4M
0223 C.          ðð[HK1_DMP_CHK_FLG]           EQ      EXEC
0224 C.
0225 C. ¥Ä¥Ö¥×½¹î»σð³îÇ§
0226 C.          ðð[HK1_DMP_CHK_FLG]           EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLσîîË¹ç·è²îOKσð³îÇ§
0229 C.
0230 C. DHU¥ä;½¥É;È¼¼¥. ¥î;½¥È;Èσðîäσ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          ðð[HK1_PKT_FORM_NO]           EQ      2
0234 C.          ðð[HK1_PKT_GEN_TIME]          EQ      0.5S
0235 C.          ðð[HK1_S_TLM_BIT_RATE]        EQ      32K
0236 C.          ðð[HK1_X_TLM_BIT_RATE]        EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2019-09-17 10:33:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2019-09-17 10:33:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [ ] [HK1_TI_CMD_NUM]          EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2019-09-17 10:33:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.          [ ] [HK1_TI_CMD_NUM]          EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP `úÄîσî»ò¼ÝσÈÄð¹σèDCBC·×²è *****
0265 C. (¾á°î¥Ö¥Ä¥È¥Þ¥È¥ä¥ç¥èσÈ²¼σ¼Á»Üσ¹σè)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ¥D¥¹·î Daily±;îñσÈ´Øσ¹σèDCBC·×²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. ¡äLOS¥Ä¥§¥Ä¥~¼Ä»Û;ä
0276 C.
0277 C. ***** LOS *****
0278 C.

```



(a) Spacecraft Operation Procedure (real-commands)

```
main-344 2019-09-17 13:35:38 182 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÄY~¼Ä»Û;ã
0005 C.
0006 C. YÁYß;¼Y³YÐYÓYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëò¿òÁð·µ°È»Í×ÁÇóÍYçYÁY×YÍ;¼YÉ;ËÈÈµ·íÉ;ÈòÈ¼°ÇÓò·ò¿¼í¹çòí;çÄ®, ùò¹òÈòÞòÇÄ+¿®ò·òÈòòòòÈ; f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿@µ;ON
0016 C. *****
0017 C. ç" °ÈÄ, Í×ÈYòáLòSòÞòÇòí»P´Öòò¹íí, ò·; çÈÖÍ×òÈXÁÓONòí¹ÔòÈòíòÈòòòòÈ; f
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYÐYÓYÉYÍYÁY~¼ÔÁÖò-òÁÄêò·ò¿òé; ç°È²¼òí°ÈÄ, ¼ê¼çòð¼Á¹Ôò¹òé; f
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ÈÄ,
0033 C. *****
0034 C. ç" RESTART; ÈPT1; Èò·ò¿òò¼í¹çòí; ç°È²¼òí¼Á¹Ôò»ò°; çDCBC-150òØ¿Èòà; f
0035 C.
0036 . C. ;ãPT1°ÈÄ, ³«»í;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 (¼Á¹Ô, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0045 C.
0046 . C. ;ãYçYÓYÉYÊÄÜÁØ; ÈÁ·Á°²òÈò; È, àòí°ÈÄ, °È³«;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 (¼Á¹Ô, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÄ, ò-¼«È°Áä»ßò·ò¿, á; ç°È²¼òð¼Á¹Ôò¹òé; f
0055 C. YçYÓYÉYÊÄÜÁØòÁ·Á°²òÈòò-¼áòò¼í¹çòí´òí»ò¹òÈòÞòÇÄÔòÄ; f
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ÈÄ,
0059 C. *****
0060 C. ç" RESTART; ÈPT2; Èò·ò¿òò¼í¹çòí; ç°È²¼òí¼Á¹Ôò»ò°; çDCBC-151òØ¿Èòà; f
0061 C.
0062 . C. ;ãPT2°ÈÄ, ³«»í;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 (¼Á¹Ô, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0071 C.
0072 . C. ;ãYçYÓYÉYÊÄÜÁØ; ÈÁ·Á°²òÈò; È, àòí°ÈÄ, °È³«;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 (¼Á¹Ô, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÄ, Áä»ß; çXÁ+¿@µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÄ, Áä»ß;ã
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ+¿@µ;OFF;ã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1_XPA_ON/OFF] EQ OFF
```

```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 80 80 20 20)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 08 08)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 80 80 20 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 09 80 80 08 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 0a 85 83 06 06)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0b 85 83 0c 0c)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0f 80 80 06 06)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 10 80 80 08 08)
0140 + DC 07-F0 MDP_XRT_FLD_ENA
0141 BC (d8)
0142 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0143 BC (c8)
0144 + DC 07-F0 MDP_XRT_ARS_DIS
0145 BC (d5)
0146 + DC 07-F0 MDP_XRT_AEC_RESET
0147 BC (d0)
0148 + DC 07-F0 MDP_XRT_FLD_RESET
0149 BC (da)
0150 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0151 BC (c4 08)
0152 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0153 BC (c5 0d)
0154 . C. ----- Success Verify ? OK / NG ____
0155 C.
0156 C.
0157 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0158 C.
0159 +. DC 07-F0 MDP_XRT_MODE_OBSV
0160 BC (c2)
0161 +. TI 2019-09-17 10:33:02.0
0162 DC 07-F0 MDP_XRT_MODE_OBSV
0163 BC (c2)
0164 . C. ----- Success Verify ? OK / NG ____
0165 C.
0166 C. ***** XRT END *****
0167 C.
0168 . C. ***** MDP `úÃîï»ö%ÝðËÄð¹ðèDCBC•x²è *****
0169 C. (%á°îÿÓYÁYÈYÏYÉYáYçYèèE%¼ø¼Á»Û¹ðè)
0170 . S. DC-BC dcbc-402:DCBC
0171 (MDP_known_event)
0172 C.
0173 C.
0174 . C. ***** ¥D¥¹•İ Daily±¿İÑðË´Ø¹ðèDCBC•x²è *****
0175 . S. DC-BC dcbc-153:DCBC
0176 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0177 C.
0178 C.
0179 . C. ;ãLOS¥Á¥$¥Ã¥¹¼Á»Û;ã
0180 C.
0181 . C. ***** LOS *****
0182 C.

```

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

```

2019/09/17 10:44:00.0 AOCS_ORe-point_Start_1_OG [0x097]
                    AOCU_NM 5 02-76 00 00 00 ac cd
2019/09/17 10:44:00.5 XRT_CTRL_MANU_400_OG [0x190]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 10:44:02.5 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 10:44:04.5 XRT_FLD_RESET_415_OG [0x19f]
                    MDP_XRT_FLD_RESET 1 07-F0 da
2019/09/17 10:44:06.5 XRT_PREFLR_STRT_435_OG [0x1b3]
                    MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/09/17 10:47:14.5 XRT_PREFLR_STOP_419_OG [0x1a3]
                    MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/09/17 10:55:00.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 10:55:02.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 10:55:04.0 XRT_FOCUS_POSITION_406_OG [0x196]
                    XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/09/17 10:55:24.0 XRT_FLD_ENA_411_OG [0x19b]
                    MDP_XRT_FLD_ENA 1 07-F0 d8
2019/09/17 10:55:26.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                    MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/09/17 10:55:28.0 XRT_AEC_RESET_448_OG [0x1c0]
                    MDP_XRT_AEC_RESET 1 07-F0 d0
2019/09/17 10:55:30.0 XRT_ARS_DIS_423_OG [0x1a7]
                    MDP_XRT_ARS_DIS 1 07-F0 d5
2019/09/17 10:55:32.0 XRT_FLD_RESET_434_OG [0x1b2]
                    MDP_XRT_FLD_RESET 1 07-F0 da
2019/09/17 10:58:02.0 XRT_QT_PROG_SET_431_OG [0x1af]
                    MDP_XRT_QT_PROG_SET 2 07-F0 c4 01
2019/09/17 10:58:04.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                    MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/09/17 10:58:06.0 XRT_CTRL_AUTO_408_OG [0x198]
                    MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/09/17 11:18:24.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 11:18:26.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 11:18:28.0 XRT_FOCUS_POSITION_406_OG [0x196]
                    XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/09/17 11:18:30.0 AOCS_ORe-point_Start_2_OG [0x098]
                    AOCU_NM 5 02-76 00 00 00 d6 67
2019/09/17 11:18:48.0 XRT_FLD_ENA_411_OG [0x19b]
                    MDP_XRT_FLD_ENA 1 07-F0 d8
2019/09/17 11:18:50.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                    MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/09/17 11:18:52.0 XRT_AEC_RESET_448_OG [0x1c0]
                    MDP_XRT_AEC_RESET 1 07-F0 d0
2019/09/17 11:18:54.0 XRT_ARS_DIS_423_OG [0x1a7]
                    MDP_XRT_ARS_DIS 1 07-F0 d5
2019/09/17 11:18:56.0 XRT_FLD_RESET_434_OG [0x1b2]
                    MDP_XRT_FLD_RESET 1 07-F0 da
2019/09/17 11:21:26.0 XRT_QT_PROG_SET_421_OG [0x1a5]
                    MDP_XRT_QT_PROG_SET 2 07-F0 c4 0f
2019/09/17 11:21:28.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                    MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/09/17 11:21:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                    MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/09/17 11:34:24.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 11:34:26.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 11:34:28.0 XRT_FOCUS_POSITION_406_OG [0x196]
                    XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/09/17 11:34:30.0 AOCS_ORe-point_Start_3_OG [0x099]
                    AOCU_NM 5 02-76 00 00 00 00 00
2019/09/17 11:34:48.0 XRT_FLD_DIS_409_OG [0x199]
                    MDP_XRT_FLD_DIS 1 07-F0 d9
2019/09/17 11:34:50.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                    MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/09/17 11:34:52.0 XRT_ARS_DIS_443_OG [0x1bb]
                    MDP_XRT_ARS_DIS 1 07-F0 d5
2019/09/17 11:37:28.0 XRT_QT_PROG_SET_426_OG [0x1aa]
                    MDP_XRT_QT_PROG_SET 2 07-F0 c4 0e
2019/09/17 11:37:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                    MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/09/17 11:50:24.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 11:50:26.0 XRT_CTRL_MANU_402_OG [0x192]
                    MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/09/17 11:50:28.0 XRT_FOCUS_POSITION_406_OG [0x196]
                    XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/09/17 11:50:30.0 AOCS_ORe-point_Start_4_OG [0x09a]
                    AOCU_NM 5 02-76 00 00 00 29 99
2019/09/17 11:50:48.0 XRT_FLD_ENA_411_OG [0x19b]
                    MDP_XRT_FLD_ENA 1 07-F0 d8
2019/09/17 11:50:50.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                    MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/09/17 11:50:52.0 XRT_AEC_RESET_448_OG [0x1c0]
                    MDP_XRT_AEC_RESET 1 07-F0 d0
2019/09/17 11:50:54.0 XRT_ARS_DIS_423_OG [0x1a7]

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2019/09/17	11:50:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/09/17	11:53:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/17	11:53:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2019/09/17	11:53:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/09/17	12:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/17	12:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:06:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:06:30.0	AOCS_OrE-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/09/17	12:06:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 53 33
2019/09/17	12:06:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/09/17	12:06:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/09/17	12:06:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/09/17	12:06:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/09/17	12:09:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/17	12:09:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2019/09/17	12:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/09/17	12:22:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/17	12:22:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:22:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:22:30.0	AOCS_OrE-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/09/17	12:22:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 d6 36 b7 8e
2019/09/17	12:22:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/09/17	12:22:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/09/17	12:22:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/09/17	12:22:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/09/17	12:25:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/17	12:25:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2019/09/17	12:25:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/09/17	12:32:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/17	12:32:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:32:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:32:30.0	AOCS_OrE-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/09/17	12:32:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 b4 b5 db 75
2019/09/17	12:32:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/09/17	12:32:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/09/17	12:32:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/09/17	12:32:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/09/17	12:35:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/17	12:35:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2019/09/17	12:35:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/09/17	12:48:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/17	12:48:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:48:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/17	12:48:30.0	AOCS_OrE-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/09/17	12:48:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ac 5b 00 00
2019/09/17	12:48:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/09/17			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8



2019/09/17	12:48:52.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	12:48:54.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	12:48:56.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	12:51:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2019/09/17	12:51:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/09/17	12:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	13:04:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:04:26.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:04:28.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/09/17	13:04:30.0	AOCS_OrE-point_Start_9_OG [0x09f]						
		AOCU_NM	5	02-76	00 b4 b5 24 8b			
2019/09/17	13:04:48.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/09/17	13:04:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	13:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	13:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	13:04:56.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	13:07:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2019/09/17	13:07:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/09/17	13:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	13:20:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:20:26.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:20:28.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/09/17	13:20:30.0	AOCS_OrE-point_Start_10_OG [0x0a0]						
		AOCU_NM	5	02-76	00 d6 36 48 72			
2019/09/17	13:20:48.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/09/17	13:20:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	13:20:52.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	13:20:54.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	13:20:56.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	13:23:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2019/09/17	13:23:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/09/17	13:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	13:30:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:30:26.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:30:28.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/09/17	13:30:30.0	AOCS_OrE-point_Start_11_OG [0x0a1]						
		AOCU_NM	5	02-76	00 29 ca b7 8e			
2019/09/17	13:30:48.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/09/17	13:30:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	13:30:52.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	13:30:54.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	13:30:56.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	13:33:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2019/09/17	13:33:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/09/17	13:33:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	13:40:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:40:26.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:40:28.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/09/17	13:40:30.0	AOCS_OrE-point_Start_12_OG [0x0a2]						
		AOCU_NM	5	02-76	00 4b 4b db 75			
2019/09/17	13:40:48.0	XRT_FLD_ENA_411_OG [0x19b]						

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2019/09/17	13:40:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	13:40:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	13:40:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	13:40:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	13:43:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2019/09/17	13:43:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2019/09/17	13:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	13:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	13:56:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/09/17	13:56:30.0	AOCS_OrE-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	53	a5	00 00
2019/09/17	13:56:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/09/17	13:56:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	13:56:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	13:56:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	13:56:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	13:59:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2019/09/17	13:59:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2019/09/17	13:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	14:12:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	14:12:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	14:12:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/09/17	14:12:30.0	AOCS_OrE-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	4b	4b	24 8b
2019/09/17	14:12:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/09/17	14:12:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	14:12:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	14:12:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	14:12:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	14:15:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2019/09/17	14:15:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2019/09/17	14:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	14:28:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	14:28:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	14:28:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/09/17	14:28:30.0	AOCS_OrE-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	29	db	48 72
2019/09/17	14:28:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/09/17	14:28:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	14:28:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	14:28:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	14:28:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	14:31:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2019/09/17	14:31:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2019/09/17	14:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	14:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	14:39:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2019/09/17	14:40:00.0	AOCS_OrE-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	b6	f2	00 00

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2019/09/17	14:40:16.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/09/17	14:40:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/09/17	14:40:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	14:40:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	14:42:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2019/09/17	14:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	16:06:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	16:06:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	16:06:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	16:06:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/09/17	16:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/09/17	16:29:30.0	XRT_Custom_430_OG [0x1ae]						
2019/09/17	16:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	17:42:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	17:42:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	17:42:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	17:42:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/09/17	17:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/09/17	18:06:30.0	XRT_Custom_430_OG [0x1ae]						
2019/09/17	18:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	19:19:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	19:19:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	19:19:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	19:19:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/09/17	19:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/09/17	19:43:00.0	XRT_Custom_430_OG [0x1ae]						
2019/09/17	19:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	19:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	19:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	19:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/09/17	20:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	00	00	00	00
2019/09/17	20:00:18.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/09/17	20:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/09/17	20:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	20:02:58.0	XRT_QT_PROG_SET_446_OG [0x1be]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2019/09/17	20:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	20:09:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/09/17	20:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2019/09/17	20:10:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]						
		AOCU_NM	5	02-76	00	50	00	00
2019/09/17	20:10:16.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/09/17	20:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/09/17	20:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/09/17	20:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/09/17	20:10:24.0	XRT_FLD_RESET_407_OG [0x197]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/09/17	20:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2019/09/17	20:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2019/09/17	20:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/09/17	20:56:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			

2019/09/17	20:56:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/17	20:56:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/17	20:56:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/17	20:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/17	21:20:30.0	XRT_Custom_430_OG [0x1ae]							
2019/09/17	21:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/09/17	22:34:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/17	22:34:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/17	22:34:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/17	22:34:06.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/17	22:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/17	22:56:30.0	XRT_Custom_430_OG [0x1ae]							
2019/09/17	22:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/09/18	00:11:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	00:11:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	00:11:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/18	00:11:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/18	00:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/18	00:23:30.0	XRT_Custom_430_OG [0x1ae]							
2019/09/18	00:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/09/18	01:39:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	01:39:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	01:39:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/18	01:39:06.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/18	01:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/18	02:00:00.0	AOCS_Ore-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00				
2019/09/18	02:03:00.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	02:03:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	02:03:04.0	XRT_FOCUS_RECALIBRATE_403_OG [0x193] XRT_FOCUS_RECAL	2	07-F8	78 00				
2019/09/18	02:07:04.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/09/18	02:07:24.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/09/18	02:07:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/09/18	02:07:28.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/09/18	02:07:30.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/09/18	02:07:32.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2019/09/18	02:07:34.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/09/18	03:10:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	03:10:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	03:10:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/18	03:10:06.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/18	03:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/18	03:31:00.0	XRT_Custom_430_OG [0x1ae]							
2019/09/18	03:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/09/18	04:38:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	04:38:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/18	04:38:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/18	04:38:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/18	04:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/18	05:08:00.5	XRT_Custom_430_OG [0x1ae]							

2019/09/18	05:09:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/09/18	05:49:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	05:49:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	05:49:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00					
2019/09/18	05:50:18.0	XRT_FLD_DIS_409_OG [0x199]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2019/09/18	05:50:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2019/09/18	05:50:22.0	XRT_ARS_DIS_443_OG [0x1bb]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/09/18	05:52:58.0	XRT_QT_PROG_SET_446_OG [0x1be]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07					
2019/09/18	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/09/18	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	05:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2019/09/18	06:00:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]								
		AOCU_NM	5	02-76	02 03 74 01 f3					
2019/09/18	06:00:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2019/09/18	06:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2019/09/18	06:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2019/09/18	06:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/09/18	06:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/09/18	06:02:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04					
2019/09/18	06:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d					
2019/09/18	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/09/18	06:19:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	06:19:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	06:19:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/09/18	06:19:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/09/18	06:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2019/09/18	06:45:30.0	XRT_Custom_430_OG [0x1ae]								
2019/09/18	06:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/09/18	07:59:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	07:59:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	07:59:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/09/18	07:59:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/09/18	08:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2019/09/18	08:22:30.0	XRT_Custom_430_OG [0x1ae]								
2019/09/18	08:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/09/18	09:38:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	09:38:32.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	09:38:34.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/09/18	09:38:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/09/18	09:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2019/09/18	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/09/18	09:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2019/09/18	10:00:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]								
		AOCU_NM	5	02-76	00 b3 75 01 f3					
2019/09/18	10:00:16.0	XRT_FLD_DIS_409_OG [0x199]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2019/09/18	10:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2019/09/18	10:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2019/09/18	10:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/09/18	10:02:58.0	XRT_QT_PROG_SET_432_OG [0x1b0]								

2019/09/18	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/09/18	11:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	11:21:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	11:21:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/09/18	11:21:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/09/18	11:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/09/18	11:25:00.0	XRT_Custom_430_OG [0x1ae]					
2019/09/18	11:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/09/18	15:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	15:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	15:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/09/18	15:07:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/09/18	15:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/09/18	15:16:00.0	XRT_Custom_430_OG [0x1ae]					
2019/09/18	15:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/09/18	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	15:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2019/09/18	16:00:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 b6 f2	00 00
2019/09/18	16:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/09/18	16:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/09/18	16:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/09/18	16:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/09/18	16:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2019/09/18	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/09/18	16:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	16:41:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	16:41:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/09/18	16:41:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/09/18	16:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/09/18	17:04:30.0	XRT_Custom_430_OG [0x1ae]					
2019/09/18	17:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/09/18	18:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	18:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	18:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/09/18	18:17:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/09/18	18:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/09/18	18:41:00.5	XRT_Custom_430_OG [0x1ae]					
2019/09/18	18:42:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/09/18	19:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	19:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	19:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/09/18	19:54:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/09/18	19:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/09/18	20:17:30.0	XRT_Custom_430_OG [0x1ae]					
2019/09/18	20:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/09/18	20:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	20:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/09/18	20:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00
2019/09/18	21:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]					

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2019/09/18	21:00:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
			MDP_XRT_FLD_DIS	1	07-F0	d9
2019/09/18	21:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		1	07-F0	c9
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/09/18	21:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]		1	07-F0	d5
			MDP_XRT_ARS_DIS	1	07-F0	d5
2019/09/18	21:02:58.0	XRT_QT_PROG_SET_446_OG [0x1be]		2	07-F0	c4 07
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2019/09/18	21:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/18	21:09:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/18	21:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22 fe 97 00
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/09/18	21:10:00.0	AOCs_OrE-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 50 00 00 00
2019/09/18	21:10:16.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8
			MDP_XRT_FLD_ENA	1	07-F0	d8
2019/09/18	21:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/09/18	21:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0
			MDP_XRT_AEC_RESET	1	07-F0	d0
2019/09/18	21:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5
			MDP_XRT_ARS_DIS	1	07-F0	d5
2019/09/18	21:10:24.0	XRT_FLD_RESET_407_OG [0x197]		1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/18	21:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]		2	07-F0	c4 06
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/09/18	21:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0	c5 0d
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/09/18	21:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/18	21:31:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/18	21:31:32.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/18	21:31:34.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/18	21:31:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]		1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/09/18	21:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/09/18	21:55:00.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0
2019/09/18	21:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/18	23:09:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/18	23:09:02.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/18	23:09:04.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/18	23:09:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]		1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/09/18	23:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/09/18	23:30:00.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0
2019/09/18	23:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/19	00:46:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/19	00:46:02.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/19	00:46:04.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da
			MDP_XRT_FLD_RESET	1	07-F0	da
2019/09/19	00:46:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]		1	07-F0	e8
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/09/19	00:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/09/19	00:54:30.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0
2019/09/19	00:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/19	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/19	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/09/19	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		4	07-F8	22 ff aa 00
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/09/19	02:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2019/09/19	02:00:18.0	XRT_FLD_DIS_409_OG [0x199]		1	07-F0	d9
			MDP_XRT_FLD_DIS	1	07-F0	d9
2019/09/19	02:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		1	07-F0	c9
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/09/19	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0
			MDP_XRT_AEC_RESET	1	07-F0	d0
2019/09/19	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5
			MDP_XRT_ARS_DIS	1	07-F0	d5
2019/09/19	02:02:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]		2	07-F0	c4 03
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2019/09/19	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/09/19	02:10:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1

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2019/09/19	02:10:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	02:10:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	02:10:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/09/19	02:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/09/19	02:29:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/09/19	02:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/09/19	03:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	03:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	03:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/09/19	03:44:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/09/19	03:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/09/19	04:05:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/09/19	04:06:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	05:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	05:14:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	05:14:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/09/19	05:14:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/09/19	05:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/09/19	05:43:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/09/19	05:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/09/19	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/09/19	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/09/19	06:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/09/19	06:02:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2019/09/19	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/09/19	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	06:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/09/19	06:10:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 50 00 00 00		
2019/09/19	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/09/19	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/09/19	06:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/09/19	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/09/19	06:10:24.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/09/19	06:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2019/09/19	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/09/19	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/09/19	06:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	06:55:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	06:55:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/09/19	06:55:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/09/19	06:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/09/19	07:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/09/19	07:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	08:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/09/19	08:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		



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2019/09/19	08:35:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/19	08:35:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/19	08:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/19	08:57:00.0	XRT_Custom_430_OG [0x1ae]							
2019/09/19	08:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/09/19	10:15:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/19	10:15:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/19	10:15:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/09/19	10:15:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/09/19	10:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/09/19	10:31:30.0	XRT_Custom_430_OG [0x1ae]							
2019/09/19	10:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/09/19	11:05:30.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/09/19	11:21:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				