

Period: 2020/10/20 11:00:00 - 2020/10/24 10:36:00

Period: 2020/10/20 11:00:00 - 2020/10/24 10:36:00

XOB #1C8F: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(128/1024/4096) +														
Term		Pointing (x, y)				Comment								
10/20 11:45:00 - 10/20 11:57:54		Fixed (0.0, 0.0)				HOP130 (3/15)								
10/20 18:03:00 - 10/20 18:09:54		Fixed (0.0, 0.0)				synoptic								
10/21 17:49:30 - 10/21 17:56:24		Fixed (0.0, 0.0)				synoptic, shifted -13.5 min								
10/22 06:02:32 - 10/22 06:09:54		Fixed (0.0, 0.0)				HOP349 + synoptic								
PROG= 12 1-time(s)														
└ Subr= 1 1-time(s) 2.0sec														
└ Seqn= 5 1-time(s) 2.0sec														
└┐ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec														
└┐ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec														
└┐ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec														
└┐ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec														
└┐ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec														
└ Seqn= 36 1-time(s) 2.0sec														
└┐ Open/Al-mesh Open/Al-mesh close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└┐ Open/Al-mesh Open/Al-mesh close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└┐ Open/Al-mesh Open/Al-mesh close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└ Seqn= 85 1-time(s) 2.0sec														
└┐ Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└┐ Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└┐ Al-poly/Open Al-poly/thick-Al close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└ Seqn= 54 1-time(s) 2.0sec														
└┐ thin-Be/Open thin-Be/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└┐ thin-Be/Open thin-Be/Open close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└┐ thin-Be/Open thin-Be/Open close Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec														
└ Seqn= 23 1-time(s) 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 #1C94: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 300s																	
Term		Pointing (x, y)					Comment										
10/20 14:53:00 - 10/20 17:35:30		Track (85.8, -349.2) @ 10/20 14:50:00					AR12776										
10/20 18:13:00 - 10/21 01:59:54		Track (115.3, -348.7) @ 10/20 18:10:00					# AR12776										
10/21 05:57:30 - 10/21 17:46:24		Track (218.3, -346.3) @ 10/21 05:54:30					# AR12776										
PROG= 11 Inf.time(s)																	
└ Subr= 1		1-time(s)		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
└ Seqn= 27		1-time(s)		2.0sec													

XOB #1C2C: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band)															
Term			Pointing (x, y)				Comment								
10/21 02:03:00 - 10/21 05:46:00			Fixed (0.0, 0.0)				HOP 349 + synoptic, shifted -15.5 min								
10/22 02:23:00 - 10/22 06:02:00			Fixed (0.0, 0.0)				HOP349 + synoptic								
PROG= 10 Inf.-time(s)															
Subr= 1		1-time(s)		600.0sec											
Seqn= 1		1-time(s)		2.0sec											
└ Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 99		1-time(s)		2.0sec											
└ Al-poly/Open		Al-poly/Open		close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Al-poly/Open		Al-poly/Open		close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Al-poly/Open		Al-poly/thick-Al		close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 33		1-time(s)		2.0sec											
└ thin-Be/Open		thin-Be/Open		close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ thin-Be/Open		thin-Be/Open		close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ thin-Be/Open		thin-Be/Open		close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 30		1-time(s)		2.0sec											
└ Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)		Q=90	0	0	2.0sec
└ Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)		Q=95	0	0	2.0sec
Subr= 2		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	

XOB #1C90: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(128/1024/4096), Thin-Be(512/8192/231142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192), Med-															
Term		Pointing (x, y)					Comment								
10/21 05:46:32 - 10/21 05:54:24		Fixed (0.0, 0.0)					HOP 349 + synoptic, shifted -15.5 min								
PROG= 08		1-time(s)													
Subr= 1		1-time(s)			2.0sec										
Seqn= 5		1-time(s)			2.0sec										
Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)			Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)			Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)			Q=98	0	0	2.0sec
Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)			DPCM	0	0	2.0sec
Open/Ti-poly		Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)			DPCM	0	0	2.0sec
Seqn= 36		1-time(s)			2.0sec										
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Seqn= 85		1-time(s)			2.0sec										
Al-poly/Open		Al-poly/Open	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Seqn= 54		1-time(s)			2.0sec										
thin-Be/Open		thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
thin-Be/Open		thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
thin-Be/Open		thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Seqn= 23		1-time(s)			4.0sec										
Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)			Q=90	0	0	2.0sec
Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)			Q=95	0	0	2.0sec
Subr= 2		1-time(s)			2.0sec										
Seqn= 46		1-time(s)			2.0sec										

Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 17 1-time(s) 2.0sec												
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 86 1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C20: AR (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 120s

Term	Pointing (x, y)	Comment
10/21 17:59:30 - 10/22 01:59:54	Track (321.0, -342.8) @ 10/21 17:56:30	# AR12776
10/22 06:13:00 - 10/22 10:07:00	Track (420.9, -338.1) @ 10/22 06:10:00	# AR12776

PROG= 20 Inf-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 71 3-time(s) 2.0sec												
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec
Subr= 2 60-time(s) 120.0sec												
Seqn= 94 1-time(s) 40.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 58 1-time(s) 40.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Seqn= 48 1-time(s) 2.0sec												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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

Term	Pointing (x, y)	Comment
10/20 11:13:00 - 10/20 11:25:54	Fixed (936.0, 0.0)	# OP start + 10min: HOP130 (1/15)
10/20 11:29:00 - 10/20 11:41:54	Fixed (468.0, 0.0)	HOP130 (2/15)
10/20 12:01:00 - 10/20 12:13:54	Fixed (-468.0, 0.0)	HOP130 (4/15)
10/20 12:17:00 - 10/20 12:29:54	Fixed (-936.0, 0.0)	HOP130 (5/15)
10/20 12:33:00 - 10/20 12:39:54	Fixed (815.0, 470.0)	HOP 130 (6/15)
10/20 12:43:00 - 10/20 12:55:54	Fixed (411.0, 847.0)	HOP 130 (7/15)
10/20 12:59:00 - 10/20 13:11:54	Fixed (0.0, 941.0)	HOP 130 (8/15)
10/20 13:15:00 - 10/20 13:27:54	Fixed (-411.0, 847.0)	HOP 130 (9/15)
10/20 13:31:00 - 10/20 13:37:54	Fixed (-815.0, 470.0)	HOP 130 (10/15)
10/20 13:41:00 - 10/20 13:47:54	Fixed (815.0, -470.0)	HOP 130 (11/15)
10/20 13:51:00 - 10/20 14:03:54	Fixed (411.0, -847.0)	HOP 130 (12/15)
10/20 14:07:00 - 10/20 14:19:54	Fixed (0.0, -941.0)	HOP 130 (13/15)
10/20 14:23:00 - 10/20 14:35:54	Fixed (-411.0, -847.0)	HOP 130 (14/15)
10/20 14:39:00 - 10/20 14:49:54	Fixed (-815.0, -471.0)	HOP 130 (15/15)
10/20 14:53:00 - 10/20 17:35:30	Track (85.8, -349.2) @ 10/20 14:50:00	AR12776
10/20 18:13:00 - 10/21 01:59:54	Track (115.3, -348.7) @ 10/20 18:10:00	# AR12776
10/21 02:03:00 - 10/21 05:46:00	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted -15.5 min
10/21 05:57:30 - 10/21 17:46:24	Track (218.3, -346.3) @ 10/21 05:54:30	# AR12776
10/21 17:59:30 - 10/22 01:59:54	Track (321.0, -342.8) @ 10/21 17:56:30	# AR12776
10/22 02:23:00 - 10/22 06:02:00	Fixed (0.0, 0.0)	HOP349 + synoptic
10/22 06:13:00 - 10/22 10:07:00	Track (420.9, -338.1) @ 10/22 06:10:00	# AR12776

PROG= 13 30-time(s)

Subr= 1 20-time(s) 2.0sec												
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn=100 1-time(s) 10.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 10 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 87 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec

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Open/thick-AI	Open/thick-AI	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

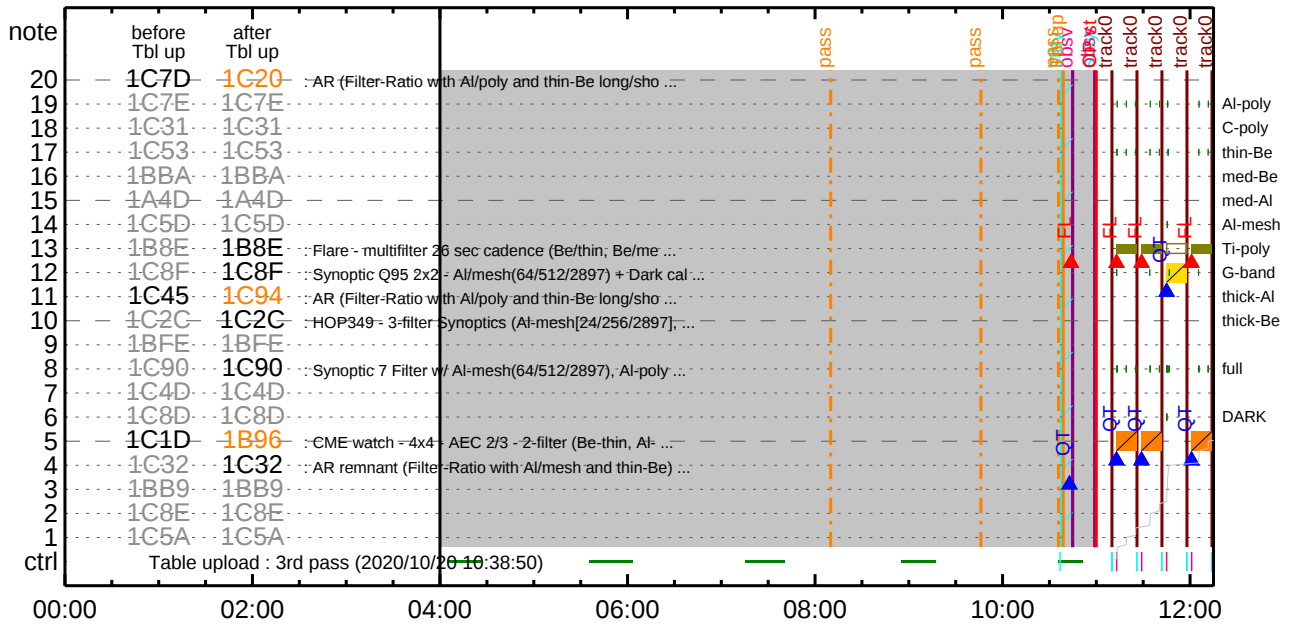
* * * * *

Flare Detection

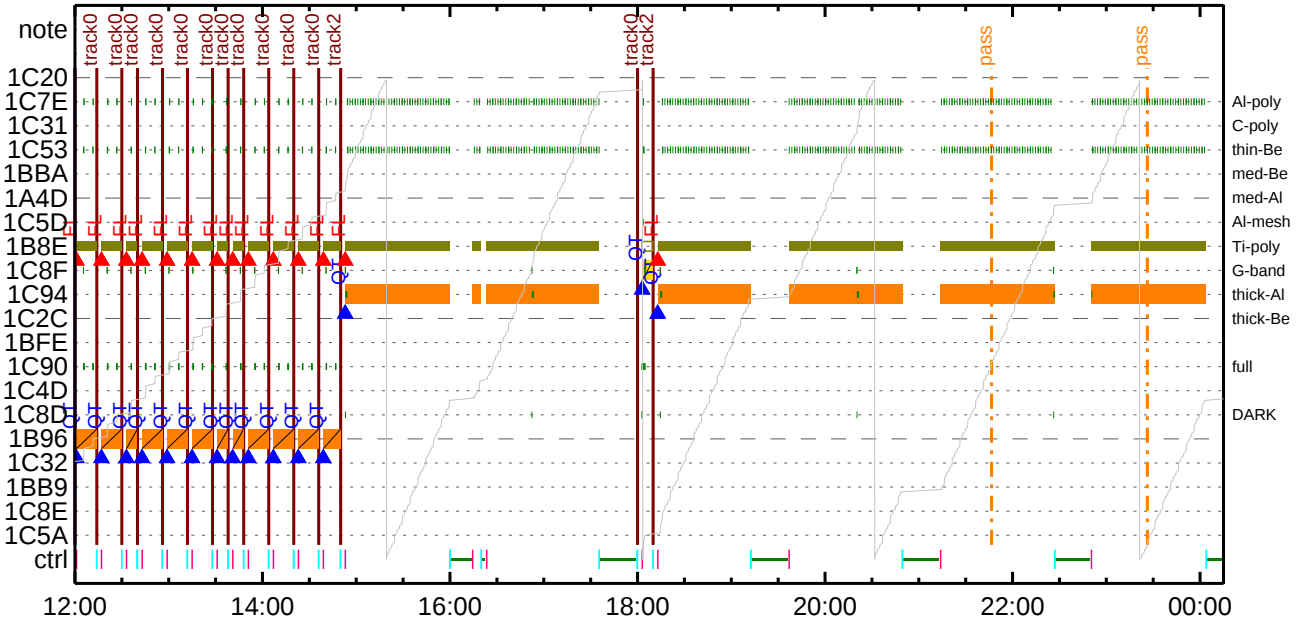
* * * * *

FLD Patrol												
Term			Pointing (x, y)				Comment					
10/20 11:58:18 - 10/20 18:00:18			Fixed (-468.0, 0.0)				HOP130 (4/15)					
10/20 18:10:18 - 10/21 05:46:24			Track (115.3, -348.7) @ 10/20 18:10:00				# AR12776					
10/21 05:54:48 - 10/21 17:46:48			Track (218.3, -346.3) @ 10/21 05:54:30				# AR12776					
10/21 17:56:48 - 10/22 06:02:24			Track (321.0, -342.8) @ 10/21 17:56:30				# AR12776					
10/22 06:10:18 - 10/24 10:36:00			Track (420.9, -338.1) @ 10/22 06:10:00				# AR12776					
AI-poly/Open	AI-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	

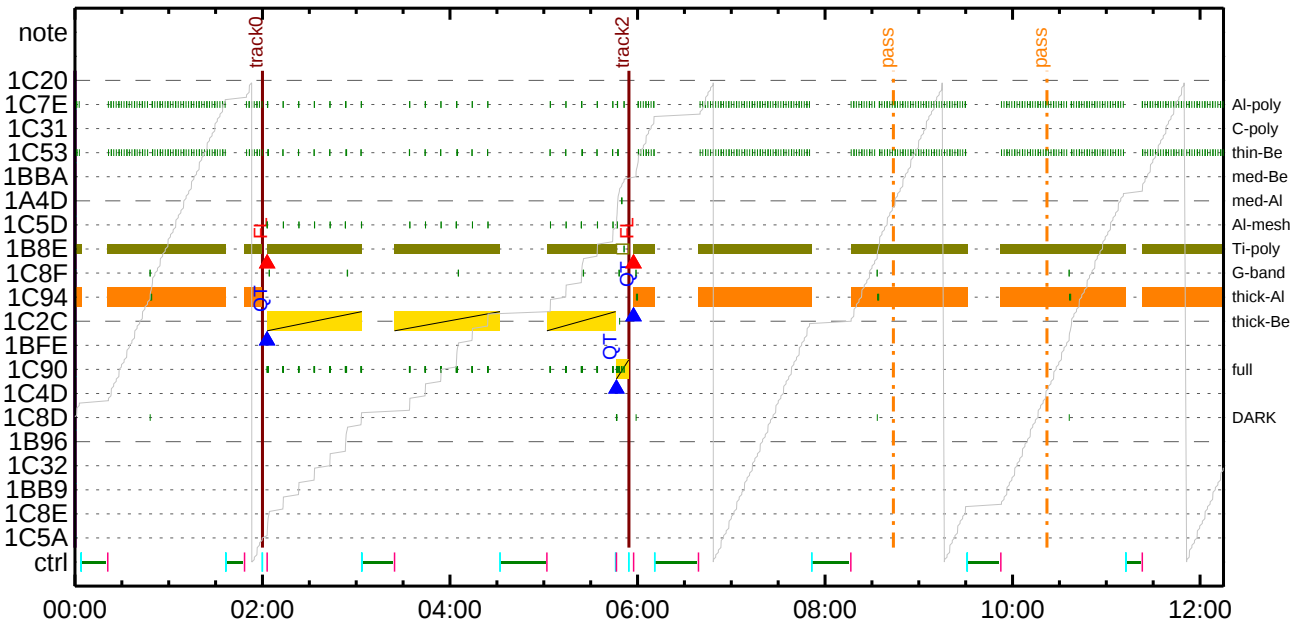
CMDI #0246 2020/10/20



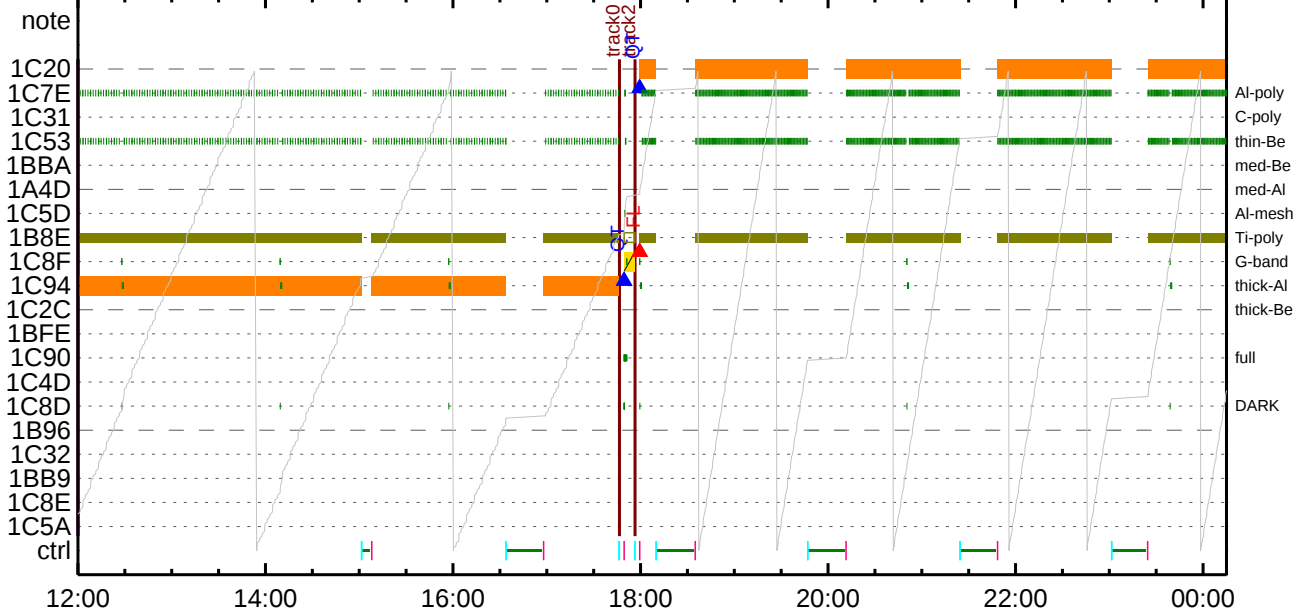
CMDI #0246 2020/10/20



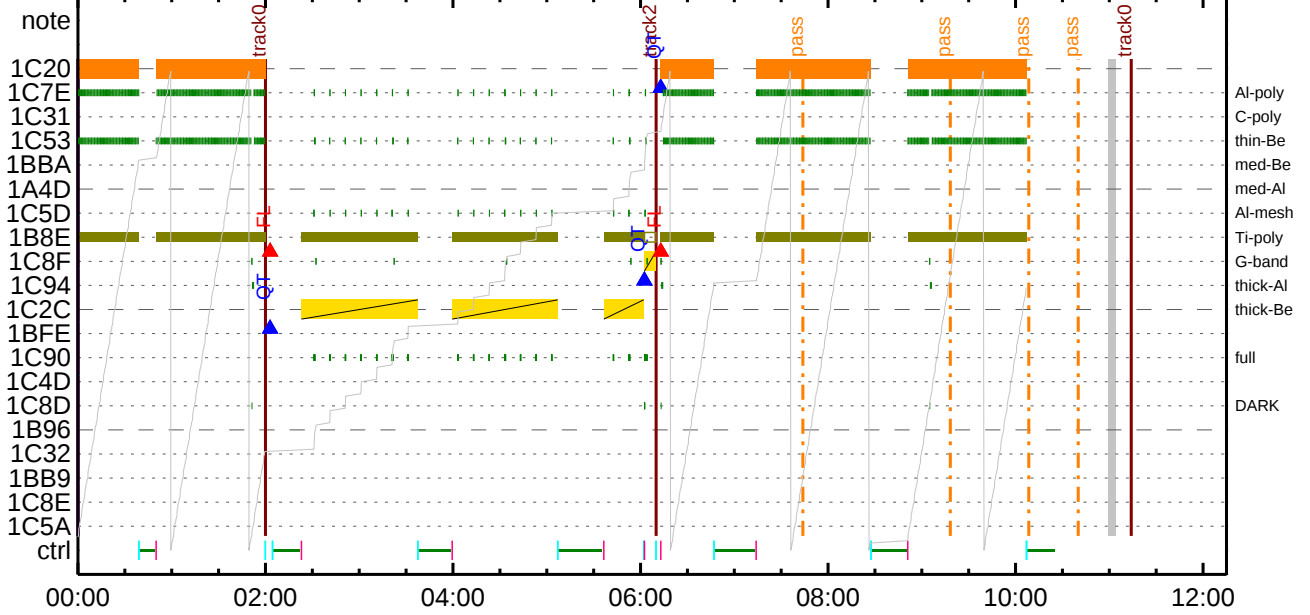
CMDI #0246 2020/10/21



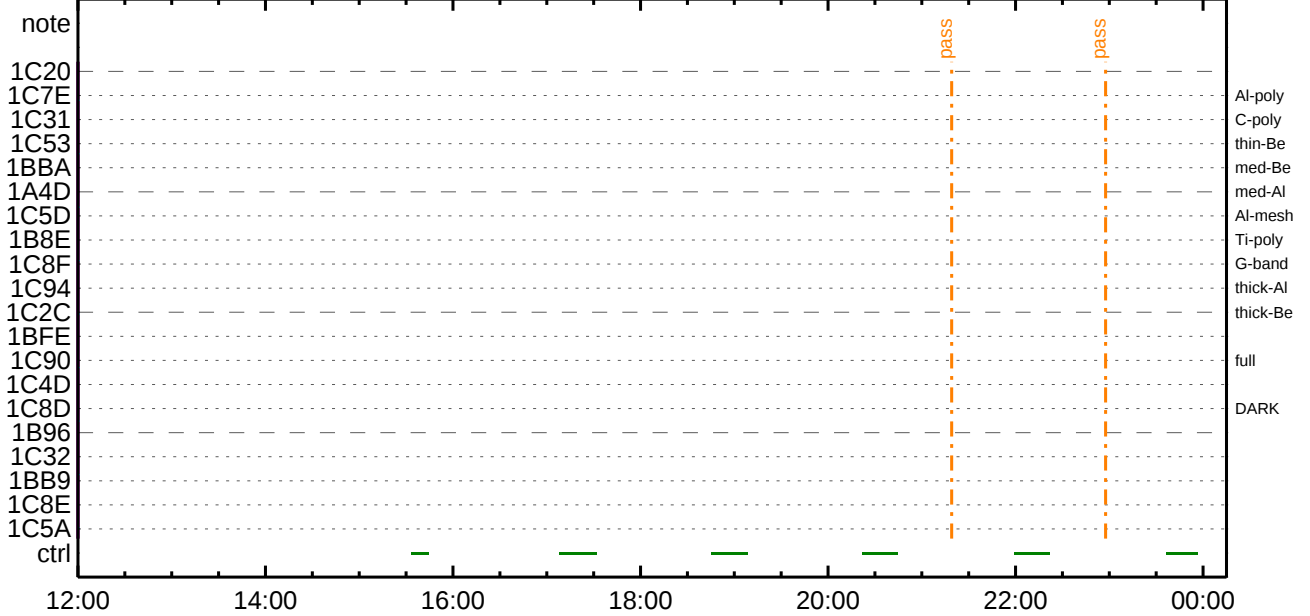
CMDI #0246 2020/10/21



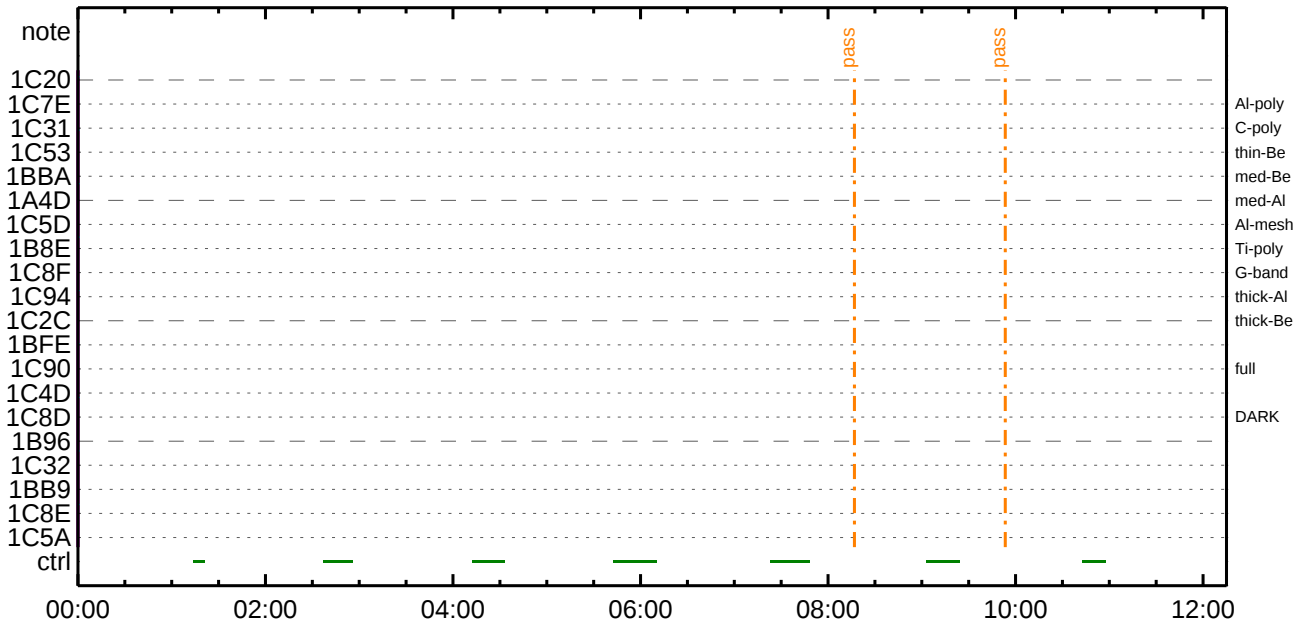
CMDI #0246 2020/10/22



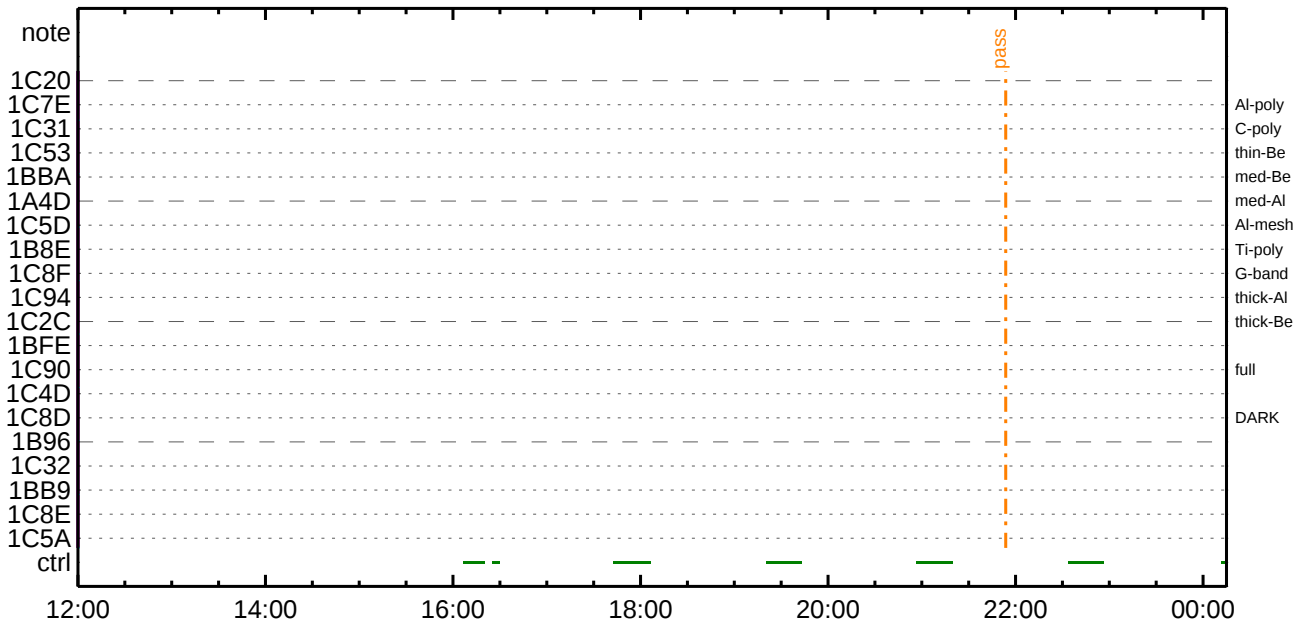
CMDI #0246 2020/10/22



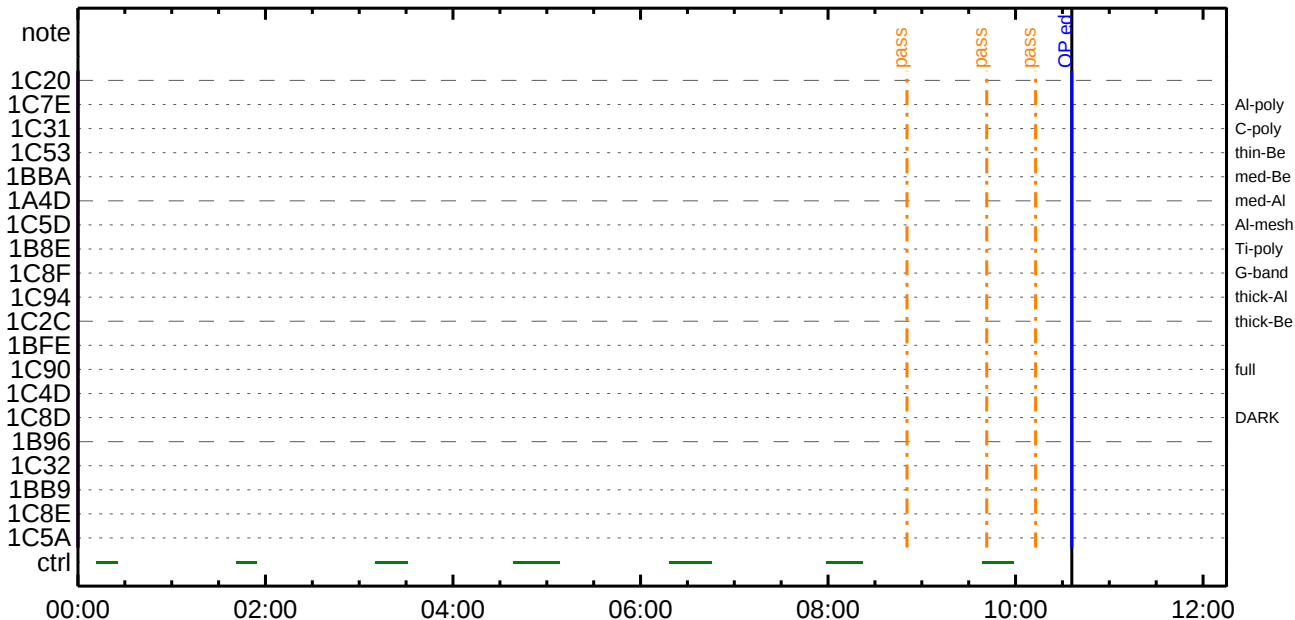
CMDI #0246 2020/10/23



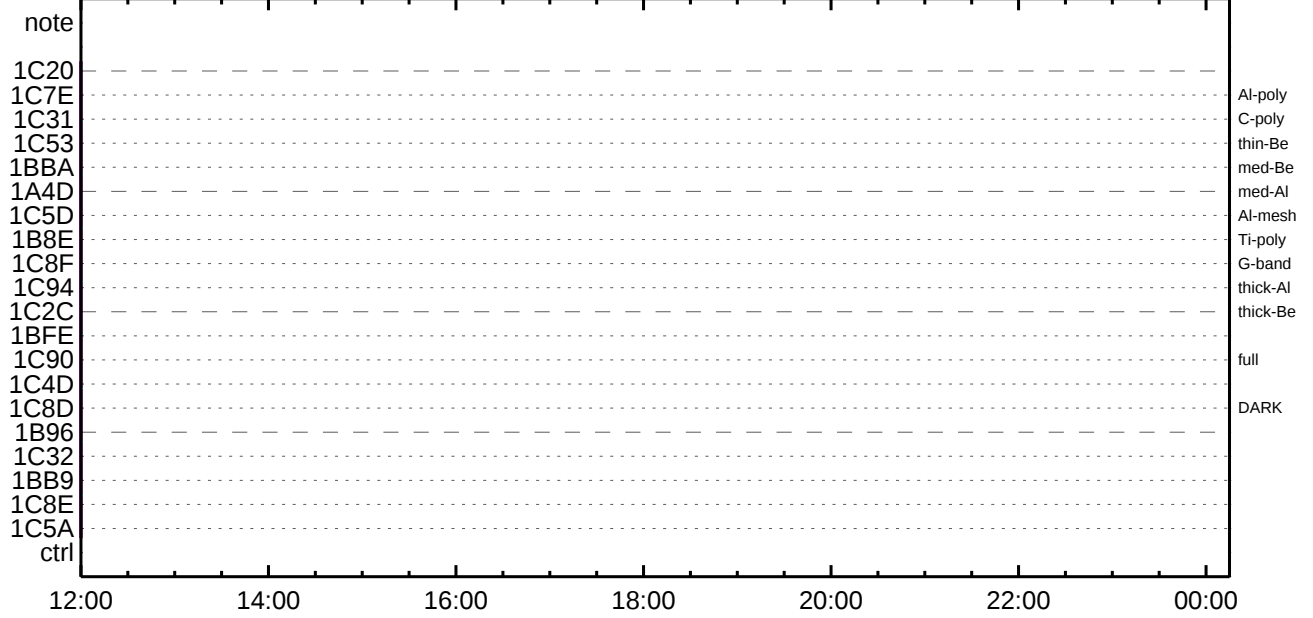
CMDI #0246 2020/10/23



CMDI #0246 2020/10/24



CMDI #0246 2020/10/24



```
main-096 2020-10-20 12:10:29 289 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ¡ãAOS¥Á¥$¥Ã¥¬¼Ä»Ü¡ä
0005 C.
0006 C. ¥Ä¥ß¡¼¥³¥Ð¥Ó¥ÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Ä¡¡Ë²¿À²•µ°Æ»Î×Å²¿Ï²¢¥Ä¥×¥¡¡¼¥É¡ËËè½µ•îÊ¡Ë²È¼°ÇÒ²•²¿½¹¿²¿Ï²¢Ä®, ù²¹²è²²²ÇÄ÷¿®²•²È²²²³²È¡£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷¿®µ¡ON
0016 C. *****
0017 C. ¢¨ °ÆÄ, Î×ÈÝ²àLOS²²²Ç²¿Ï²´Ö²ð¹îÎ, ²•¡¢ÉÔÎ×²ÈXÄÓON²¿¹Ô²È²²²È²²²³²È¡£
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. ¢¢[HK1_XPA_ON/OFF] EQ ON
0025 C. ¢¢[HK1_XPA_PWR_HI/L0] EQ HI
0026 C. ¢¢[HK1_XMOD_ON/OFF] EQ ON
0027 C. ¢¢[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. X¥Ð¥Ó¥É¥¡¥Ä¥¬¼ÖÄÖ²¬¼Äê²•²¿²È¡¢°Ê²¼²¿¹°ÆÄ, ¼ê½Ç²ð¼Ä¹Ô²²¹²è¡£
0030 C.
0031 . C. *****
0032 C. DR PT1 ÄÎ¼¹°ÆÄ,
0033 C. *****
0034 C. ¢¨ RESTART¡ÊPT1¡Ë²•²¿²¿½¹¿²¿Ï²¢°Ê²¼²¿¹¼Ä¹Ô²²²²²²²²DCBC-150²Ø¿Ê²à¡£
0035 C.
0036 . C. ¡ãPT1°ÆÄ, ³«»Î¡ä
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. ¢¢[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ô, ¡¼Ú)
0043 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ¡¼Ú)
0044 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ¡¼Ú)
0045 C.
0046 . C. ¡ã¥¢¥ó¥Æ¥ÉÄÜÄØ¡ÊÄ•Äº²ÖÈò¡Ë, ä²¹°ÆÄ, °Æ³«¡ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ¢¢[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ô, ¡¼Ú)
0050 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ¡¼Ú)
0051 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ¡¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÆÄ, ²¬¼«Æ°Ää»ß²•²¿, ä¡¢°Ê²¼²¿¼Ä¹Ô²²¹²è¡£
0055 C. ¥¢¥ó¥Æ¥ÉÄÜÄØ²àÄ•Äº²ÖÈò¬¼á²¿½¹¿²¿Ï²¢°Ê²¼²¿¹¼Ä¹Ô²²²²²²²²ÇÄÔ²à¡£
0056 C.
0057 . C. *****
0058 C. DR PT2 ÄÎ¼¹°ÆÄ,
0059 C. *****
0060 C. ¢¨ RESTART¡ÊPT2¡Ë²•²¿²¿½¹¿²¿Ï²¢°Ê²¼²¿¹¼Ä¹Ô²²²²²²²²DCBC-151²Ø¿Ê²à¡£
0061 C.
0062 . C. ¡ãPT2°ÆÄ, ³«»Î¡ä
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. ¢¢[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ô, ¡¼Ú)
0069 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ¡¼Ú)
0070 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ¡¼Ú)
0071 C.
0072 . C. ¡ã¥¢¥ó¥Æ¥ÉÄÜÄØ¡ÊÄ•Äº²ÖÈò¡Ë, ä²¹°ÆÄ, °Æ³«¡ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ¢¢[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ô, ¡¼Ú)
0076 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, ¡¼Ú)
0077 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, ¡¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÆÄ, Ää»ß¡¢XÄ÷¿®µ¡OFF
0081 C. *****
0082 C.
0083 . C. ¡ãDR°ÆÄ, Ää»ß¡ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ¢¢[HK1_REP_STA/STP] EQ STOP
0087 C. ¢¢[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ¢¢[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ¡ãXÄ÷¿®µ¡OFF¡ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ¢¢[HK1_XMOD_ON/OFF] EQ OFF
0095 C. ¢¢[HK1_XPA_ON/OFF] EQ OFF
```

[illegible]

0194	C.			
0195	+. TI	2020-10-20 10:59:59.5		
0196	DC	01-B2 DHU_OP_START		
0197	C.	☐☐[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0198	C.			
0199	C.	°Ê²¼☐İÄê%ıİŇ☐İ¥Á¥\$¥Ä¥¹äİÜ		
0200	C.	☐☐[HK1_TI_CMD_ENA/DIS]	EQ	ENA
0201	C.	☐☐[HK1_TI_CMD_NUM]	EQ	4
0202	C.	☐☐[HK1_NEXT_EXEC_PIM]	EQ	DHU
0203	C.	☐☐[HK1_NEXT_EXEC_DC]	EQ	0xB3
0204	C.			
0205	C.	*****		
0206	C.	TIİİ°è¥Ä¥0¥×		
0207	C.	*****		
0208	C.			
0209	C.	TI_TBL(0x03AB00-0x03AEFF;S 1024byte)		
0210	+. DC	01-23 DHU_DMA_DMP_PRM_SET		
0211	BC	(03 ab 03 01 02)		
0212	C.	☐☐[HK1_DMP_TOP_ADRS_1]	EQ	07
0213	C.	☐☐[HK1_DMP_TOP_ADRS_0]	EQ	2B
0214	C.	☐☐[HK1_DMP_BLOCK_NUM]	EQ	3
0215	C.	☐☐[HK1_DMP_REPEAT_NUM]	EQ	0
0216	C.	☐☐[HK1_DMA_DMP_PIM]	EQ	DHU
0217	+. DC	01-22 DHU_MODE_CHNG		
0218	BC	(07 0b f8)		
0219	C.	☐☐[HK1_PKT_FORM_NO]	EQ	7
0220	C.	☐☐[HK1_PKT_GEN_TIME]	EQ	0.25 s
0221	C.	☐☐[HK1_S_TLM_BIT_RATE]	EQ	32k
0222	C.	☐☐[HK1_X_TLM_BIT_RATE]	EQ	4M
0223	C.	☐☐[HK1_DMP_CHK_FLG]	EQ	EXEC
0224	C.			
0225	C.	¥Ä¥0¥×½ªİ»☐ò³İÇ\$		
0226	C.	☐☐[HK1_DMP_CHK_FLG]	EQ	NON
0227	C.			
0228	C.	RAM ID=TI_TBL☐İ¥Ê¹Ç•ê²İOK☐ò³İÇ\$		
0229	C.			
0230	C.	DHU¥âı¼¥ÉıÊ¼Ý½, ¥İı¼¥ÊıÊ☐òİä☐¹		
0231	+. DC	01-22 DHU_MODE_CHNG		
0232	BC	(02 0a f8)		
0233	C.	☐☐[HK1_PKT_FORM_NO]	EQ	2
0234	C.	☐☐[HK1_PKT_GEN_TIME]	EQ	0.5S
0235	C.	☐☐[HK1_S_TLM_BIT_RATE]	EQ	32K
0236	C.	☐☐[HK1_X_TLM_BIT_RATE]	EQ	4M
0237	C.			
0238	C.	*****		
0239	C.	SOT TI command set		
0240	C.	*****		
0241	C.	Execute, after the success of OP upload.		
0242	+. TI	2020-10-20 10:59:16.0		
0243	DC	07-F0 MDP_SOT_MODE_STBY		
0244	BC	(41)		
0245	C.	-----		
0246	C.	HK1_TI_CMD_NUM = 1 CNTUP []		
0247	C.	-----		
0248	C.	***** SOT END *****		
0249	C.	Stop EIS observation and temporarily disable EIS mode changes		
0250	C.			
0251	C.			
0252	C.	***** Start EIS operation (TI set) *****		
0253	C.	Execute, after the success of OP upload.		
0254	C.	Set EIS TI-commands		
0255	+. TI	2020-10-20 10:59:30.0		
0256	DC	07-FC EIS_MODE_MANU		
0257	BC	(21 02)		
0258	+. TI	2020-10-20 10:59:40.0		
0259	DC	07-FC EIS_MODE_CHG_DIS		
0260	BC	(22)		
0261	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0262	C.	***** End EIS operation (TI set) *****		
0263	C.			
0264	C.			
0265	C.			
0266	C.	***** XRT START *****		
0267	C.	Execute, after the success of OP upload.		
0268	+. TI	2020-10-20 10:59:00.0		
0269	DC	07-F0 MDP_XRT_MODE_STBY		
0270	BC	(c3)		
0271	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0272	C.			
0273	C.	***** XRT END *****		
0274	C.			
0275	C.	***** MDP ´ÜÄİ☐İ»ò¼Ý☐ÊÄĐ☐¹☐êDCBC•×²è *****		
0276	C.	(¼ä°İ¥0¥Ä¥Ê¥Đ¥Ê¥Ä¥Ç¥ê☐Ê½☐☐¼Ä»Ü☐¹☐ê)		
0277	S.	DC-BC dcbc-402:DCBC		
0278		(MDP_known_event)		
0279	C.			
0280	C.			
0281	C.	***** ¥Đ¥¹•İ Daily±çİŇ☐Ê´Đ☐¹☐êDCBC•×²è *****		
0282	S.	DC-BC dcbc-153:DCBC		
0283		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0284	C.			
0285	C.			
0286	C.	ıäLOS¥Ä¥\$¥Ä¥¼Ä»Üıä		
0287	C.			
0288	C.	***** LOS *****		
0289	C.			

(a) Spacecraft Operation Procedure (real-commands)

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main-097 2020-10-20 12:10:19 178 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Á»Üjã
0005 C.
0006 C. ¥À¥Bj¼¥³¥P¥Ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Āi;Ē¿¿A¿•µ°Æ»İ×AÇ¿İ¥Ç¥Á¥×¥İj¼¥ÉjĒĒ¿µ•İĒĒjĒ¿Ē°Ç¿¿•¿¿İ¹Ç¿İjÇÀ®, Ü¿¹¿Ē¿¿¿¿ÇÁ÷¿®¿•¿Ē¿¿¿¿¿Ē¿jĒ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿®µjON
0016 C. *****
0017 C. ¨ °ÆĀ, İ×ĒY¿¿ĀLOS¿¿¿Ç¿İ»p´Ŏ¿Ŏ¹İĒ, ¿•jÇĒŎİ×¿ĒXĀŎON¿İ¹Ŏ¿Ē¿İ¿Ē¿¿¿¿¿Ē¿jĒ
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. X¥Đ¥Ŏ¥Ē¥İ¥Á¥¼ŎĀŎ¿-°ĀĀĒ¿•¿¿¿¿jÇ°Ē²¼¿İ°ÆĀ, ¼Ē½Ç¿¿¿¿Ā¹Ŏ¿¹¿Ē¿jĒ
0030 C.
0031 . C. *****
0032 C. DR PT1 Āİ¼İ°ÆĀ
0033 C. *****
0034 C. ¨ ¨ RESTARTjĒPT1jĒ¿•¿¿¿¿¿İ¹Ç¿İjÇ°Ē²¼¿İ¼Ā¹Ŏ¿»¿°jÇDCBC-150¿Ŏ¿Ē¿¿¿jĒ
0035 C.
0036 . C. jãPT1°ÆĀ, ³«»İjã
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 (¼Ā¹Ŏ, j¼Ŭ)
0043 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, j¼Ŭ)
0044 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, j¼Ŭ)
0045 C.
0046 . C. jã¥Ç¥Ŏ¥Æ¥ĒĀŬĀ¿jĒĀ•Ā²ŎĒ¿jĒ, Ā¿İ°ÆĀ, °Æ³«jã
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 (¼Ā¹Ŏ, j¼Ŭ)
0050 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, j¼Ŭ)
0051 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, j¼Ŭ)
0052 C.
0053 C.
0054 . C. PT1°ÆĀ, ¿-¼«Æ°ĀĀ»İ¿•¿¿, ĀjÇ°Ē²¼¿¿¿¿Ā¹Ŏ¿¹¿Ē¿jĒ
0055 C. ¥Ç¥Ŏ¥Æ¥ĒĀŬĀ¿jĒĀ•Ā²ŎĒ¿¿¿¿¿İ¹Ç¿İ°İ»¿¹¿Ē¿¿¿¿ÇĀŎ¿ĀjĒ
0056 C.
0057 . C. *****
0058 C. DR PT2 Āİ¼İ°ÆĀ
0059 C. *****
0060 C. ¨ ¨ RESTARTjĒPT2jĒ¿•¿¿¿¿¿İ¹Ç¿İjÇ°Ē²¼¿İ¼Ā¹Ŏ¿»¿°jÇDCBC-151¿Ŏ¿Ē¿¿¿jĒ
0061 C.
0062 . C. jãPT2°ÆĀ, ³«»İjã
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 (¼Ā¹Ŏ, j¼Ŭ)
0069 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, j¼Ŭ)
0070 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, j¼Ŭ)
0071 C.
0072 . C. jã¥Ç¥Ŏ¥Æ¥ĒĀŬĀ¿jĒĀ•Ā²ŎĒ¿jĒ, Ā¿İ°ÆĀ, °Æ³«jã
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 (¼Ā¹Ŏ, j¼Ŭ)
0076 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ā¹Ŏ, j¼Ŭ)
0077 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ā¹Ŏ, j¼Ŭ)
0078 C.
0079 . C. *****
0080 C. DR°ÆĀ, Āã»İjÇXÁ÷¿®µjOFF
0081 C. *****
0082 C.
0083 . C. jãDR°ÆĀ, Āã»İjã
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. jãXÁ÷¿®µjOFFjã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ÇÇ[HK1_XMOD_ON/OFF] EQ OFF
0095 C. ÇÇ[HK1_XPA_ON/OFF] EQ OFF
```

```

0096 C.
0097 C.
0098 C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] 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. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 7607856.0 +- 1.0 (s) [ ]
0136 C.
0137 C.
0138 C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 C. Verify EIS in MANUAL mode
0145 C. Estimated OBSTBL upload time is 48s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 S. RAM ram-820:EIS_OBSTBL
0150 ( )
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2020-10-20 10:59:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 C. ***** MDP '0AÎI»0%YpEÂð1²eDCBC•x²è *****
0165 C. (%â°i¥0¥Ã¥É¥p¥É¥â¥C¥è¥E½%â»Û1²è)
0166 S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 C. ***** ¥Ð¥1•İ Daily±¿İÑ0E´01²eDCBC•x²è *****
0171 S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 C. jãLOS¥Á¥S¥Ã¥¼Å»Ûjã
0176 C.
0177 C. ***** LOS *****
0178 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-098 2020-10-20 12:10:19 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Å»Üjã
0005 C.
0006 C. ¥À¥Bj¼¥³¥D¥Ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ĀiĒ¿¿Aa•µ°£»İ×AÇaİ¥C¥A¥×¥i¼¥ÉjĒĒµ•iĒĒjĒaĒ°ÇÖa•a¿i¹ÇaİjÇÀ®, ũa¹aĒaPaÇÁ÷¿®a•aĒaPa³aĒj£
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-282: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 2020-10-20 10:59:18.0
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 80 80 08 08)
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 80 80 20 08)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 80 80 08 20)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 +. DC 07-F0 MDP_XRT_FLD_ENA
0091 BC (d8)
0092 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0093 BC (c8)
0094 +. DC 07-F0 MDP_XRT_ARS_DIS
0095 BC (d5)
```

```
0096 + DC 07-F0 MDP_XRT_AEC_RESET
0097 BC (d0)
0098 + DC 07-F0 MDP_XRT_FLD_RESET
0099 BC (da)
0100 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0101 BC (c4 04)
0102 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0103 BC (c5 0d)
0104 . C. ----- Success Verify ? OK / NG ____
0105 C.
0106 C.
0107 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0108 C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110 BC (c2)
0111 +. TI 2020-10-20 10:59:02.0
0112 DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC (c2)
0114 . C. ----- Success Verify ? OK / NG ____
0115 C.
0116 C. ***** XRT END *****
0117 C.
0118 . C. ***** MDP `0ÃÎâÎ»0%ÝðÊÃÐð¹ððDCBC•x²è *****
0119 C. (%ã°î¥0¥Ã¥Ê¥ð¥Ê¥ã¥Ç¥èðÊ½¼ð¼Ã»Ûð¹ðè)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 C.
0123 C.
0124 . C. ***** ¥Ð¥¹•İ Daily±¿İŃðĚ´0ð¹ððDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 C.
0128 C.
0129 . C. įãLOS¥Á¥S¥Ã¥¬¼Ã»Ûįã
0130 C.
0131 . C. ***** LOS *****
0132 C.
```

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*** OP Sequence for XRT ***

2020/10/20	11:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	11:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 00 00 ac cd
2020/10/20	11:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/20	11:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/20	11:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/20	11:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	11:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/20	11:12:56.0	XRT_QT_PROG_SET_446_OG [0x1be]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2020/10/20	11:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/20	11:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/20	11:25:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:25:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:25:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	11:26:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 d6 67
2020/10/20	11:26:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/20	11:26:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/20	11:26:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/20	11:26:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	11:26:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/20	11:28:56.0	XRT_QT_PROG_SET_446_OG [0x1be]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2020/10/20	11:28:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/20	11:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/20	11:41:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:41:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:41:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	11:42:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2020/10/20	11:42:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2020/10/20	11:42:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/10/20	11:42:22.0	XRT_ARS_DIS_443_OG [0x1bb]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	11:44:58.0	XRT_QT_PROG_SET_431_OG [0x1af]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2020/10/20	11:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/20	11:57:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:57:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	11:57:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	11:58:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 00 00 29 99
2020/10/20	11:58:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/20	11:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/20	11:58:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/20	11:58:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	11:58:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/20	12:00:56.0	XRT_QT_PROG_SET_446_OG [0x1be]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2020/10/20	12:00:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/20	12:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/20	12:13:54.0	XRT_CTRL_MANU_402_OG [0x192]			

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2020/10/20	12:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:13:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:14:00.0	AOCs_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	12:14:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 53 33
2020/10/20	12:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/20	12:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/20	12:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/20	12:14:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	12:16:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/20	12:16:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2020/10/20	12:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/20	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/20	12:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:30:00.0	AOCs_Ore-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	12:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 d6 36 b7 8e
2020/10/20	12:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/20	12:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/20	12:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/20	12:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	12:32:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/20	12:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2020/10/20	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/20	12:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/20	12:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:40:00.0	AOCs_Ore-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	12:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 b4 b5 db 75
2020/10/20	12:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/20	12:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/20	12:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/20	12:40:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	12:42:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/20	12:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2020/10/20	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/20	12:55:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/20	12:55:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:55:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/20	12:56:00.0	AOCs_Ore-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/20	12:56:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ac 5b 00 00
2020/10/20	12:56:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/20	12:56:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/20	12:56:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/20	12:56:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/20	12:58:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/20	12:58:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d

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2020/10/20	12:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2020/10/20	13:11:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:11:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:11:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2020/10/20	13:12:00.0	AOCS_ORe-point_Start_9_OG [0x09f]		
		AOCU_NM	5	02-76 00 b4 b5 24 8b
2020/10/20	13:12:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2020/10/20	13:12:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2020/10/20	13:12:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2020/10/20	13:12:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2020/10/20	13:12:26.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2020/10/20	13:14:56.0	XRT_QT_PROG_SET_446_OG [0x1be]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 05
2020/10/20	13:14:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2020/10/20	13:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2020/10/20	13:27:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:27:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:27:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2020/10/20	13:28:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]		
		AOCU_NM	5	02-76 00 d6 36 48 72
2020/10/20	13:28:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2020/10/20	13:28:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2020/10/20	13:28:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2020/10/20	13:28:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2020/10/20	13:28:26.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2020/10/20	13:30:56.0	XRT_QT_PROG_SET_446_OG [0x1be]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 05
2020/10/20	13:30:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2020/10/20	13:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2020/10/20	13:37:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:37:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:37:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2020/10/20	13:38:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]		
		AOCU_NM	5	02-76 00 29 ca b7 8e
2020/10/20	13:38:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2020/10/20	13:38:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2020/10/20	13:38:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2020/10/20	13:38:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2020/10/20	13:38:26.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2020/10/20	13:40:56.0	XRT_QT_PROG_SET_446_OG [0x1be]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 05
2020/10/20	13:40:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0d
2020/10/20	13:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2020/10/20	13:47:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:47:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2020/10/20	13:47:58.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2020/10/20	13:48:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]		
		AOCU_NM	5	02-76 00 4b 4b db 75
2020/10/20	13:48:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2020/10/20	13:48:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2020/10/20	13:48:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2020/10/20	13:48:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2020/10/20	13:48:26.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2020/10/20	13:50:56.0	XRT_QT_PROG_SET_446_OG [0x1be]		

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2020/10/20	13:50:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2020/10/20	13:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/10/20	14:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	14:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:04:00.0	AOCs_Or-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2020/10/20	14:04:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	53 a5 00 00
2020/10/20	14:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/10/20	14:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/10/20	14:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/10/20	14:04:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/10/20	14:06:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	14:06:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2020/10/20	14:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/10/20	14:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	14:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:20:00.0	AOCs_Or-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2020/10/20	14:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	4b 4b 24 8b
2020/10/20	14:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/10/20	14:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/10/20	14:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/10/20	14:20:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/10/20	14:22:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	14:22:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2020/10/20	14:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/10/20	14:35:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	14:35:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:35:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:36:00.0	AOCs_Or-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2020/10/20	14:36:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	29 db 48 72
2020/10/20	14:36:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/10/20	14:36:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/10/20	14:36:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/10/20	14:36:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/10/20	14:38:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	14:38:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2020/10/20	14:39:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/10/20	14:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	14:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	14:50:00.0	AOCs_Or-point_Start_16_OG [0x0a6]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2020/10/20	14:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02	00 00 00 00
2020/10/20	14:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/10/20	14:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/10/20	14:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/10/20			MDP_XRT_ARS_DIS	1	07-F0	d5	

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2020/10/20	14:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	14:52:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2020/10/20	14:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/10/20	14:53:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	16:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	16:00:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	16:00:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	16:00:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/20	16:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/20	16:13:30.0	XRT_Custom_430_OG [0x1ae]					
2020/10/20	16:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	16:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	16:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	16:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	16:20:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/20	16:22:30.0	XRT_Custom_430_OG [0x1ae]					
2020/10/20	16:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/20	16:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	17:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	17:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	17:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	17:35:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/20	17:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/20	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2020/10/20	18:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00
2020/10/20	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/10/20	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/10/20	18:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/10/20	18:02:58.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c
2020/10/20	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2020/10/20	18:10:00.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	02	00 00 00 00
2020/10/20	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/10/20	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/10/20	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/10/20	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/10/20	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	18:12:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2020/10/20	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/10/20	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	19:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	19:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	19:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	19:12:36.0	XRT_PREFLR_STRT_407_OG [0x197]					

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				MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/20	19:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/20	19:36:00.0	XRT_Custom_430_OG [0x1ae]						
2020/10/20	19:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
				MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	20:49:30.0	XRT_CTRL_MANU_400_OG [0x190]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	20:49:32.0	XRT_CTRL_MANU_402_OG [0x192]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	20:49:34.0	XRT_FLD_RESET_415_OG [0x19f]						
				MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	20:49:36.0	XRT_PREFLR_STRT_407_OG [0x197]						
				MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/20	20:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
				MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/20	21:13:00.0	XRT_Custom_430_OG [0x1ae]						
2020/10/20	21:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
				MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/20	22:27:00.0	XRT_CTRL_MANU_400_OG [0x190]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	22:27:02.0	XRT_CTRL_MANU_402_OG [0x192]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/20	22:27:04.0	XRT_FLD_RESET_415_OG [0x19f]						
				MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/20	22:27:06.0	XRT_PREFLR_STRT_407_OG [0x197]						
				MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/20	22:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
				MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/20	22:49:30.0	XRT_Custom_430_OG [0x1ae]						
2020/10/20	22:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
				MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/21	00:04:00.0	XRT_CTRL_MANU_400_OG [0x190]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	00:04:02.0	XRT_CTRL_MANU_402_OG [0x192]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	00:04:04.0	XRT_FLD_RESET_415_OG [0x19f]						
				MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/21	00:04:06.0	XRT_PREFLR_STRT_407_OG [0x197]						
				MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/21	00:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
				MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/21	00:20:00.0	XRT_Custom_430_OG [0x1ae]						
2020/10/21	00:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
				MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/21	01:36:30.0	XRT_CTRL_MANU_400_OG [0x190]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	01:36:32.0	XRT_CTRL_MANU_402_OG [0x192]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	01:36:34.0	XRT_FLD_RESET_415_OG [0x19f]						
				MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/21	01:36:36.0	XRT_PREFLR_STRT_407_OG [0x197]						
				MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/21	01:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
				MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/21	01:47:30.0	XRT_Custom_430_OG [0x1ae]						
2020/10/21	01:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
				MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/21	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
				XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/10/21	02:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]						
				AOCU_NM	5	02-76	00 00 00 00 00	
2020/10/21	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						
				MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/10/21	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
				MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/10/21	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
				MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/10/21	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
				MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/10/21	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
				MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/21	02:02:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]						
				MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2020/10/21	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
				MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2020/10/21	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
				MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/10/21	03:03:30.0	XRT_CTRL_MANU_400_OG [0x190]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	03:03:32.0	XRT_CTRL_MANU_402_OG [0x192]						
				MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/10/21	03:03:34.0	XRT_FLD_RESET_415_OG [0x19f]						
				MDP_XRT_FLD_RESET	1	07-F0	da	
2020/10/21	03:03:36.0	XRT_PREFLR_STRT_407_OG [0x197]						
				MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/10/21	03:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
				MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/10/21	03:23:30.0	XRT_Custom_430_OG [0x1ae]						

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2020/10/21	03:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	04:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	04:32:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	04:32:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	04:32:06.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	04:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	05:01:00.0	XRT_Custom_430_OG [0x1ae]			
2020/10/21	05:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	05:46:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	05:46:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	05:46:04.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/21	05:46:24.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2020/10/21	05:46:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/10/21	05:46:28.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/21	05:46:30.0	XRT_QT_PROG_SET_403_OG [0x193]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2020/10/21	05:46:32.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	05:54:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/10/21	05:54:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]			
		AOCU_NM	5	02-76	02 00 00 00 00
2020/10/21	05:54:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/21	05:54:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/21	05:54:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/21	05:54:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/21	05:54:56.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	05:57:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2020/10/21	05:57:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/21	05:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	06:11:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	06:11:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	06:11:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	06:11:06.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	06:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	06:38:00.0	XRT_Custom_430_OG [0x1ae]			
2020/10/21	06:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	07:51:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	07:51:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	07:51:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	07:51:36.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	07:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	08:15:30.0	XRT_Custom_430_OG [0x1ae]			
2020/10/21	08:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	09:31:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	09:31:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	09:31:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	09:31:06.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	09:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	09:51:30.0	XRT_Custom_430_OG [0x1ae]			
2020/10/21	09:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			

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2020/10/21	11:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	11:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	11:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	11:12:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	11:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	11:22:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	11:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2020/10/21	15:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	15:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	15:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	15:01:36.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	15:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	15:07:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	15:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2020/10/21	16:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	16:34:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	16:34:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	16:34:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	16:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	16:57:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	16:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2020/10/21	17:46:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	17:46:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	17:46:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	17:46:30.0	AOCs_0Re-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/21	17:46:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2020/10/21	17:46:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2020/10/21	17:46:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/10/21	17:49:28.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/21	17:49:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2020/10/21	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	17:56:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	17:56:30.0	AOCs_0Re-point_Start_16_OG [0x0a6]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/10/21	17:56:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 00 00 00 00
2020/10/21	17:56:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/21	17:56:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/21	17:56:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/21	17:56:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/21	17:59:26.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	17:59:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2020/10/21	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/21	18:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	18:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	18:10:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	18:10:06.0	XRT_PREFLR_STRT_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	18:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	18:34:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9

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2020/10/21	18:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	19:47:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	19:47:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	19:47:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	19:47:06.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	19:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	20:10:30.0	XRT_Custom_430_OG [0x1ae]			
2020/10/21	20:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	21:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	21:24:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	21:24:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	21:24:36.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	21:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	21:47:30.0	XRT_Custom_430_OG [0x1ae]			
2020/10/21	21:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/21	23:01:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	23:01:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/21	23:01:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/21	23:01:36.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/21	23:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/21	23:23:30.0	XRT_Custom_430_OG [0x1ae]			
2020/10/21	23:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	00:39:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	00:39:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	00:39:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	00:39:06.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/22	00:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/22	00:49:00.0	XRT_Custom_430_OG [0x1ae]			
2020/10/22	00:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/22	02:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2020/10/22	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/22	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/22	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/22	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/22	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	02:02:56.0	XRT_QT_PROG_SET_433_OG [0x1b1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2020/10/22	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/22	02:04:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	02:04:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	02:04:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	02:04:36.0	XRT_PREFLR_STRT_407_OG [0x197]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/22	02:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/22	02:22:00.0	XRT_Custom_430_OG [0x1ae]			
2020/10/22	02:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	03:37:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	03:37:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

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2020/10/22	03:37:34.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	03:37:36.0	XRT_PREFLR_STRT_407_0G [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/22	03:40:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/22	03:58:30.0	XRT_Custom_430_0G [0x1ae]				
2020/10/22	03:59:30.5	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	05:07:00.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	05:07:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	05:07:04.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	05:07:06.0	XRT_PREFLR_STRT_407_0G [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/22	05:10:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/22	05:35:30.0	XRT_Custom_430_0G [0x1ae]				
2020/10/22	05:36:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	06:02:00.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	06:02:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	06:02:04.0	XRT_FOCUS_POSITION_406_0G [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/10/22	06:02:24.0	XRT_FLD_DIS_409_0G [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2020/10/22	06:02:26.0	XRT_FLRCTRL_DIS_413_0G [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/10/22	06:02:28.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/22	06:02:30.0	XRT_QT_PROG_SET_431_0G [0x1af]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2020/10/22	06:02:32.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	06:09:54.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	06:09:56.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	06:09:58.0	XRT_FOCUS_POSITION_410_0G [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/10/22	06:10:00.0	AOCS_Ore-point_Start_16_0G [0x0a6]	AOCU_NM	5	02-76	02 00 00 00 00
2020/10/22	06:10:18.0	XRT_FLD_ENA_411_0G [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/10/22	06:10:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/10/22	06:10:22.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/10/22	06:10:24.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/10/22	06:10:26.0	XRT_FLD_RESET_434_0G [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	06:12:56.0	XRT_QT_PROG_SET_420_0G [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2020/10/22	06:12:58.0	XRT_FL_PROG_SET_440_0G [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/10/22	06:13:00.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	06:47:00.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	06:47:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	06:47:04.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	06:47:06.0	XRT_PREFLR_STRT_407_0G [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/22	06:50:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/22	07:13:00.0	XRT_Custom_430_0G [0x1ae]				
2020/10/22	07:14:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	08:27:30.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	08:27:32.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	08:27:34.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/10/22	08:27:36.0	XRT_PREFLR_STRT_407_0G [0x197]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/10/22	08:30:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/10/22	08:50:00.0	XRT_Custom_430_0G [0x1ae]				
2020/10/22	08:51:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/10/22	10:07:00.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	10:07:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/10/22	10:07:04.0	XRT_FLD_RESET_415_0G [0x19f]				

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2020/10/22	10:07:06.0	XRT_PREFLR_STRT_407_0G [0x197]	MDP_XRT_FLD_RESET	1	07-F0 da
2020/10/22	10:10:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0 e8
2020/10/22	11:14:00.0	AOCS_ORe-point_Start_3_0G [0x099]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
		AOCU_NM		5	02-76 00 00 00 00 00