

XRT Timeline to be uploaded on 2021/11/13

Period: 2021/11/13 11:06:00 - 2021/11/18 10:47:00

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Normal mode

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XOB #1BA9: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
11/13 11:27:00 - 11/13 12:29:54	Track (45.7, 277.1) @ 11/13 11:16:00	# OP start + 10min + HOP307 (AR12895)
11/13 12:33:00 - 11/13 14:59:54	Track (174.6, 271.0) @ 11/13 12:30:00	HOP 307 (AR12895)
PROG= 17 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 92 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Subr= 2 5-time(s) 2.0sec		
Seqn= 47 1-time(s) 2.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Seqn= 96 8-time(s) 30.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 1 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 1 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 2 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 2 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

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

Term	Pointing (x, y)	Comment
11/13 15:03:00 - 11/13 17:50:24	Track (139.3, 298.0) @ 11/13 15:00:00	AR12895
11/13 18:03:30 - 11/14 01:59:54	Track (164.2, 298.5) @ 11/13 18:00:30	AR12895
11/14 10:03:00 - 11/14 18:06:54	Track (293.8, 301.6) @ 11/14 10:00:00	AR12895
11/14 18:20:00 - 11/15 03:59:54	Track (358.3, 303.6) @ 11/14 18:17:00	AR12985
11/15 06:37:30 - 11/15 09:39:54	Track (449.5, 306.8) @ 11/15 06:34:30	AR12895
11/15 16:33:00 - 11/15 17:47:30	Track (518.6, 309.8) @ 11/15 16:30:00	AR12895
11/15 18:24:30 - 11/16 01:47:00	Track (531.0, 310.3) @ 11/15 18:21:30	AR12895
11/16 06:10:00 - 11/16 11:02:15	Track (605.4, 314.1) @ 11/16 06:07:00	AR12895
PROG= 09 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 92 1-time(s) 2.0sec		
Open/G-band	Open/G-band open Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/G-band	Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Subr= 2 4-time(s) 2.0sec		
Seqn= 47 1-time(s) 2.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Seqn= 77 4-time(s) 300.0sec		
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 95.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 1 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 1 95.0sec
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 2 2.0sec
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 2 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1C9E: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment
11/13 17:53:30 - 11/13 18:00:24	Fixed (0.0, 0.0)	synoptic, shifted -9.5 min
11/14 06:03:00 - 11/14 06:09:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
11/14 18:10:00 - 11/14 18:16:54	Fixed (0.0, 0.0)	synoptic, shifted 7.0 min
11/15 06:27:30 - 11/15 06:34:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
11/16 06:00:00 - 11/16 06:06:54	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted -3.0 min
PROG= 18 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= 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= 84 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BE2: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band+Leak - 90min cad) +

Term	Pointing (x, y)	Comment
11/14 02:03:00 - 11/14 05:59:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
11/15 04:03:00 - 11/15 06:24:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
11/16 02:03:00 - 11/16 05:56:54	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted -3.0 min

PROG= 07 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec												
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 18-time(s) 300.0sec												
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 #1BB7: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
11/14 06:13:00 - 11/14 09:59:54	Fixed (-512.0, -330.0)	HOP 417

PROG= 20 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 30 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 20-time(s) 360.0sec												
Seqn= 78 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C9A: HOP336 1-filter - Al/poly -384x384, 128ms and 2s, 60s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
11/15 09:43:00 - 11/15 12:59:54	Fixed (-23.0, 482.0)	HOP 336 north
11/15 13:03:00 - 11/15 16:12:00	Fixed (-23.0, -695.0)	HOP 336 south

PROG= 13 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 16 2-time(s) 2.0sec												
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 90 1-time(s) 30.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 3 15-time(s) 2.0sec												

Seqn= 60		1-time(s)		60.0sec											
Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1064, 1048)		Q=90	0	0	2.0sec		
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	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 #1C9F: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(362/3897/16384) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al

Term	Pointing (x, y)	Comment
11/15 18:15:56 - 11/15 18:21:24	Fixed (0.0, 0.0)	synoptic, shifted 11.5 min

PROG= 03		1-time(s)		2.0sec											
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= 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= 84		1-time(s)		2.0sec											
thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec		
Seqn= 23		1-time(s)		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= 2		1-time(s)		2.0sec											
med-Al/Open	med-Al/Open	close	Safe	Norm	4.00s	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= 13		1-time(s)		2.0sec											
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)		Q=98	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval			

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Flare mode

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XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + G

Term	Pointing (x, y)	Comment
11/13 11:27:00 - 11/13 12:29:54	Track (45.7, 277.1) @ 11/13 11:16:00	# OP start + 10min + HOP307 (AR12895)
11/13 12:33:00 - 11/13 14:59:54	Track (174.6, 271.0) @ 11/13 12:30:00	HOP 307 (AR12895)
11/13 15:03:00 - 11/13 17:50:24	Track (139.3, 298.0) @ 11/13 15:00:00	AR12895
11/13 18:03:30 - 11/14 01:59:54	Track (164.2, 298.5) @ 11/13 18:00:30	AR12895
11/14 02:03:00 - 11/14 05:59:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
11/14 06:13:00 - 11/14 09:59:54	Fixed (-512.0, -330.0)	HOP 417
11/14 10:03:00 - 11/14 18:06:54	Track (293.8, 301.6) @ 11/14 10:00:00	AR12895
11/14 18:20:00 - 11/15 03:59:54	Track (358.3, 303.6) @ 11/14 18:17:00	AR12985
11/15 04:03:00 - 11/15 06:24:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
11/15 06:37:30 - 11/15 09:39:54	Track (449.5, 306.8) @ 11/15 06:34:30	AR12895
11/15 09:43:00 - 11/15 12:59:54	Fixed (-23.0, 482.0)	HOP 336 north
11/15 13:03:00 - 11/15 16:12:00	Fixed (-23.0, -695.0)	HOP 336 south
11/15 16:33:00 - 11/15 17:47:30	Track (518.6, 309.8) @ 11/15 16:30:00	AR12895
11/15 18:24:30 - 11/16 01:47:00	Track (531.0, 310.3) @ 11/15 18:21:30	AR12895
11/16 02:03:00 - 11/16 05:56:54	Fixed (0.0, 0.0)	HOP 349 + synoptic, shifted -3.0 min
11/16 06:10:00 - 11/16 11:02:15	Track (605.4, 314.1) @ 11/16 06:07:00	AR12895

PROG= 04		30-time(s)		2.0sec											
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= 73		1-time(s)		10.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	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-Be	Open/thick-Be	close	Safe	Norm	2.00s	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-AI	Open/thick-AI	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
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	

* * * * *

Active Region Search

* * * * *

NOT USED

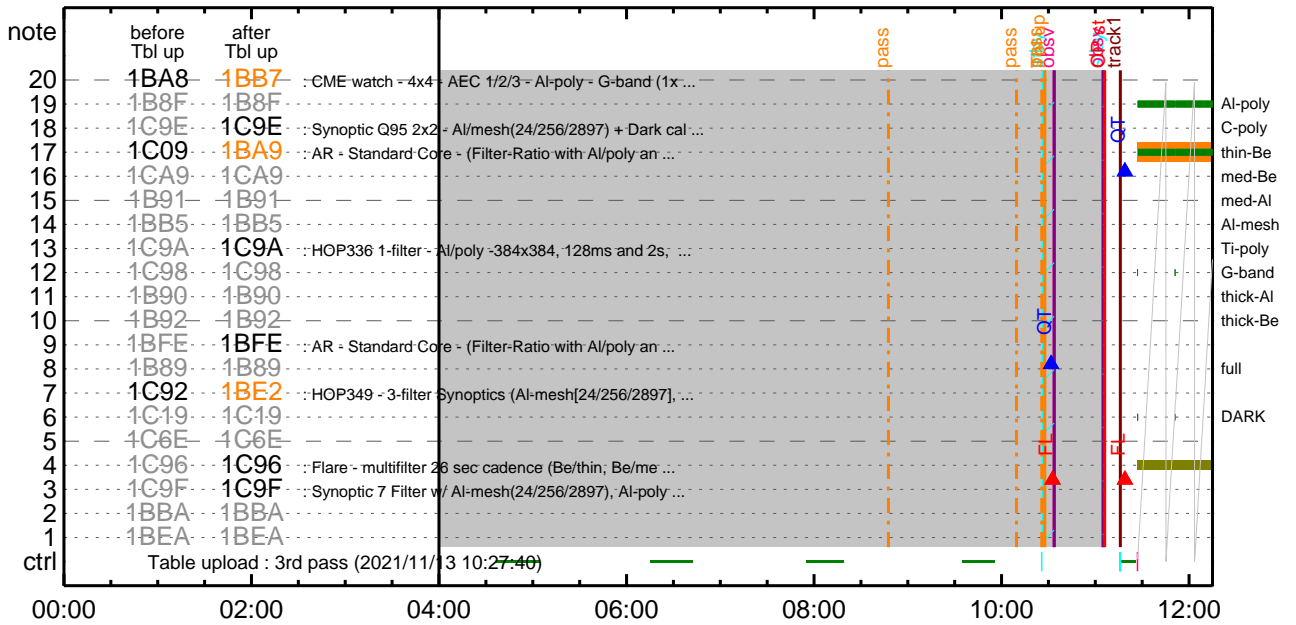
* * * * *

Flare Detection

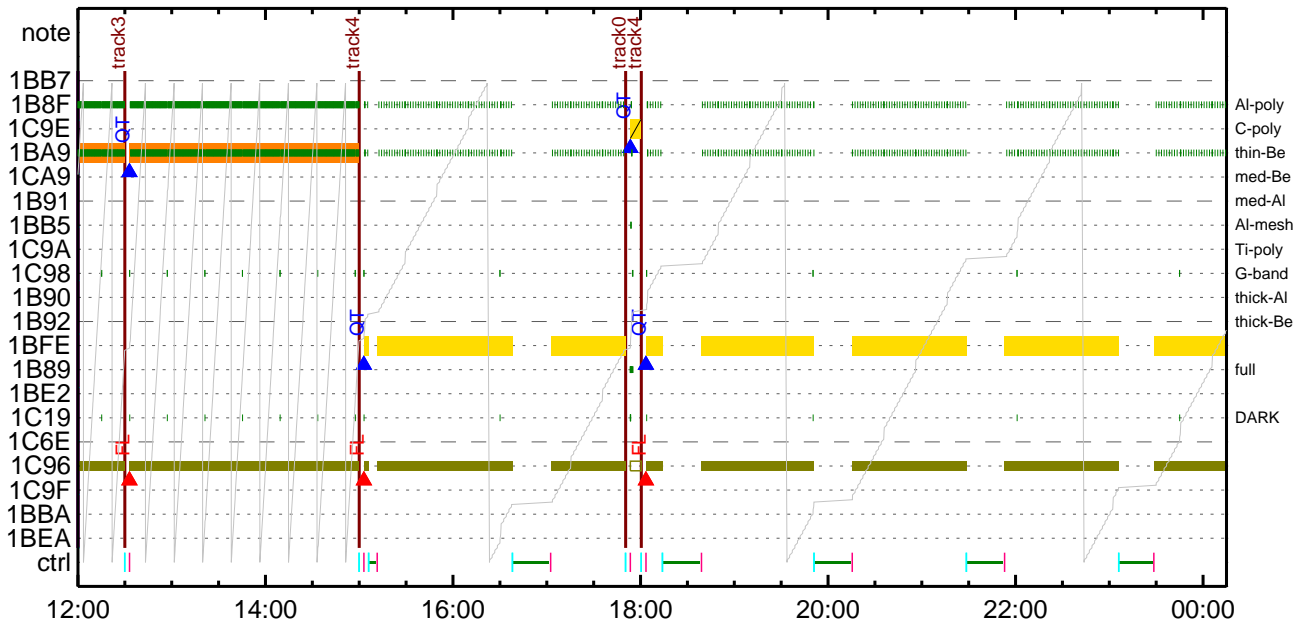
* * * * *

FLD Patrol												
Term	Pointing (x, y)						Comment					
11/13 18:00:48 - 11/14 06:00:18	Track (	164.2,	298.5)	@ 11/13 18:00:30	AR12895							
11/14 06:10:18 - 11/14 18:07:18	Fixed (	-512.0,	-330.0)		HOP 417							
11/14 18:17:18 - 11/15 06:24:48	Track (	358.3,	303.6)	@ 11/14 18:17:00	AR12985							
11/15 06:34:48 - 11/15 18:15:48	Track (	449.5,	306.8)	@ 11/15 06:34:30	AR12895							
11/15 18:21:48 - 11/16 05:57:18	Track (	531.0,	310.3)	@ 11/15 18:21:30	AR12895							
11/16 06:07:18 - 11/18 10:47:00	Track (	605.4,	314.1)	@ 11/16 06:07:00	AR12895							
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	

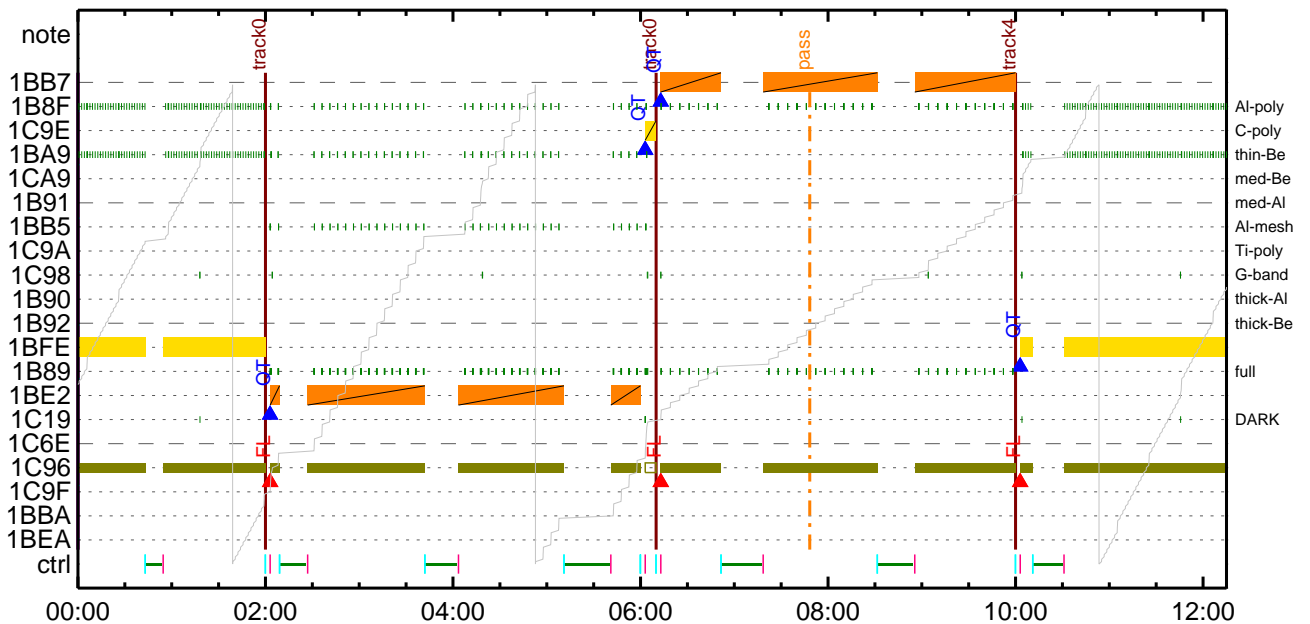
CMDI #0991 2021/11/13



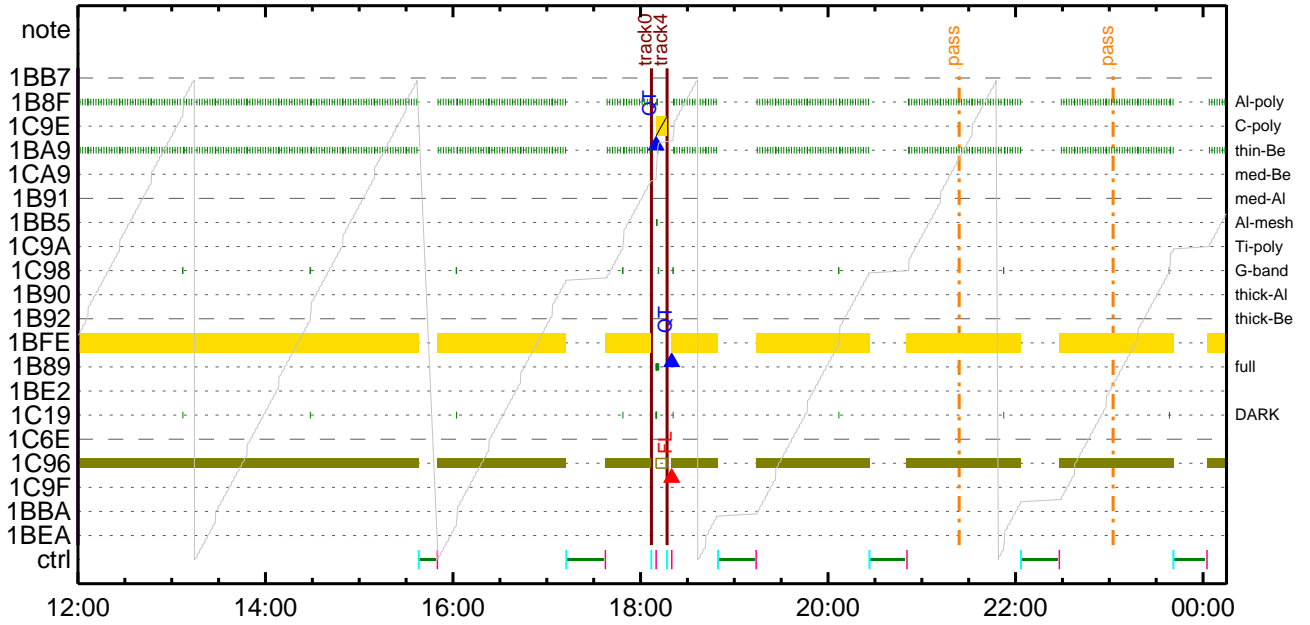
CMDI #0991 2021/11/13



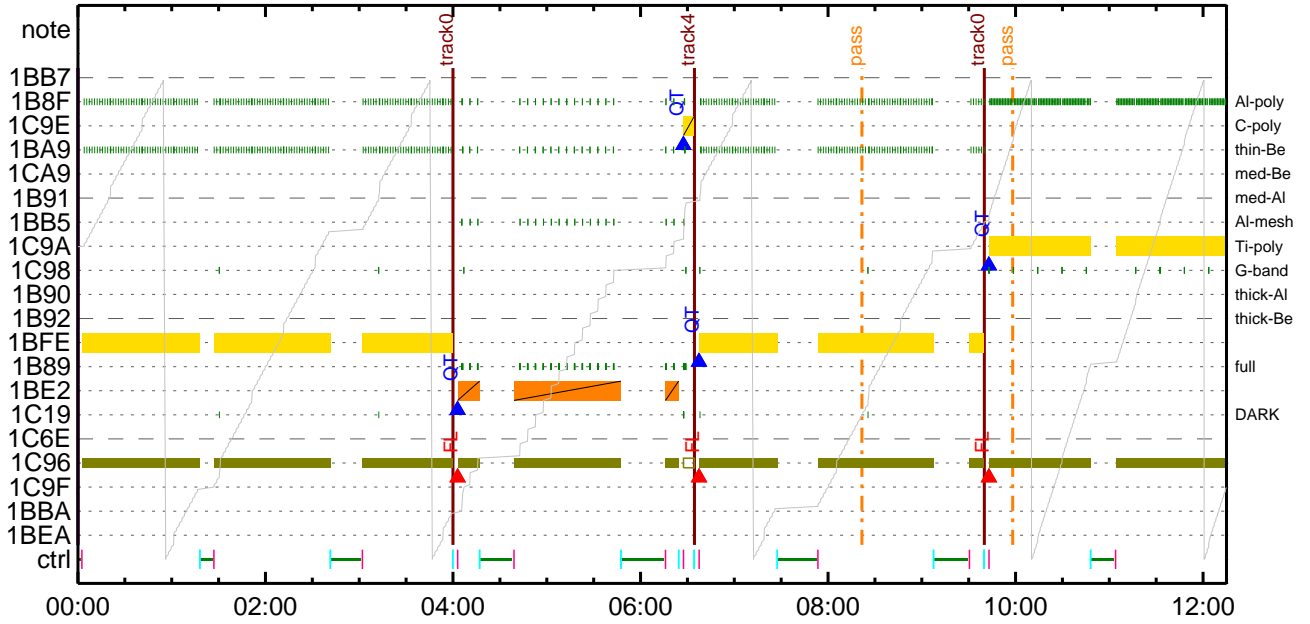
CMDI #0991 2021/11/14



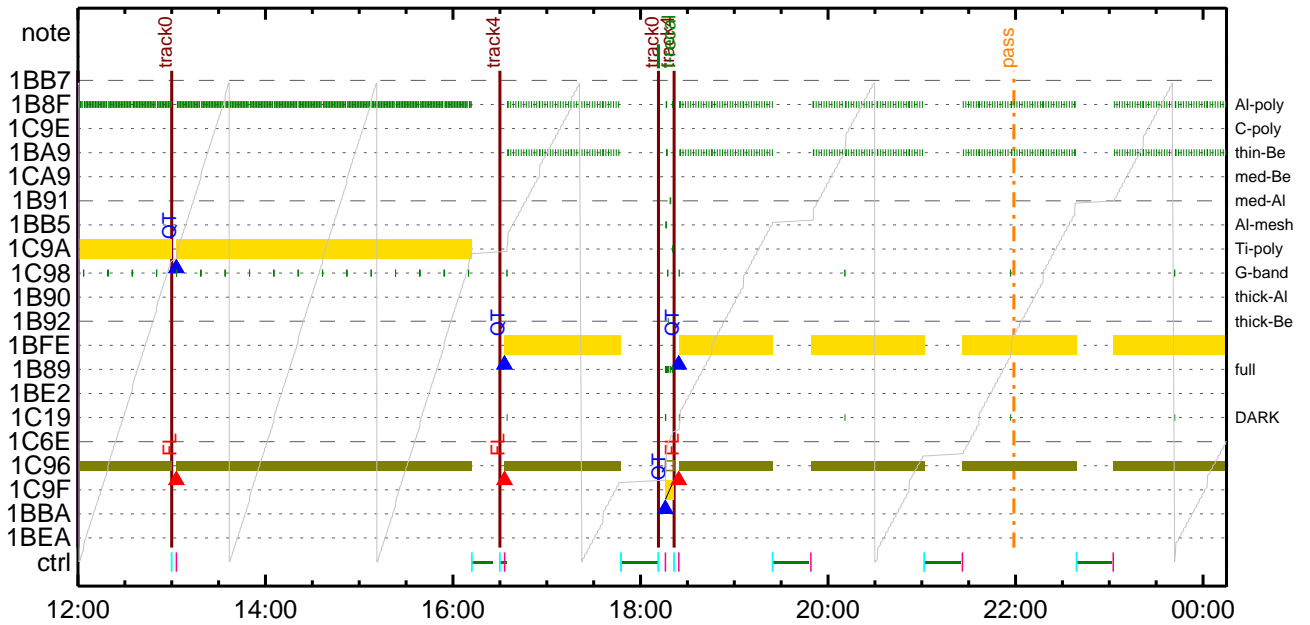
CMDI #0991 2021/11/14



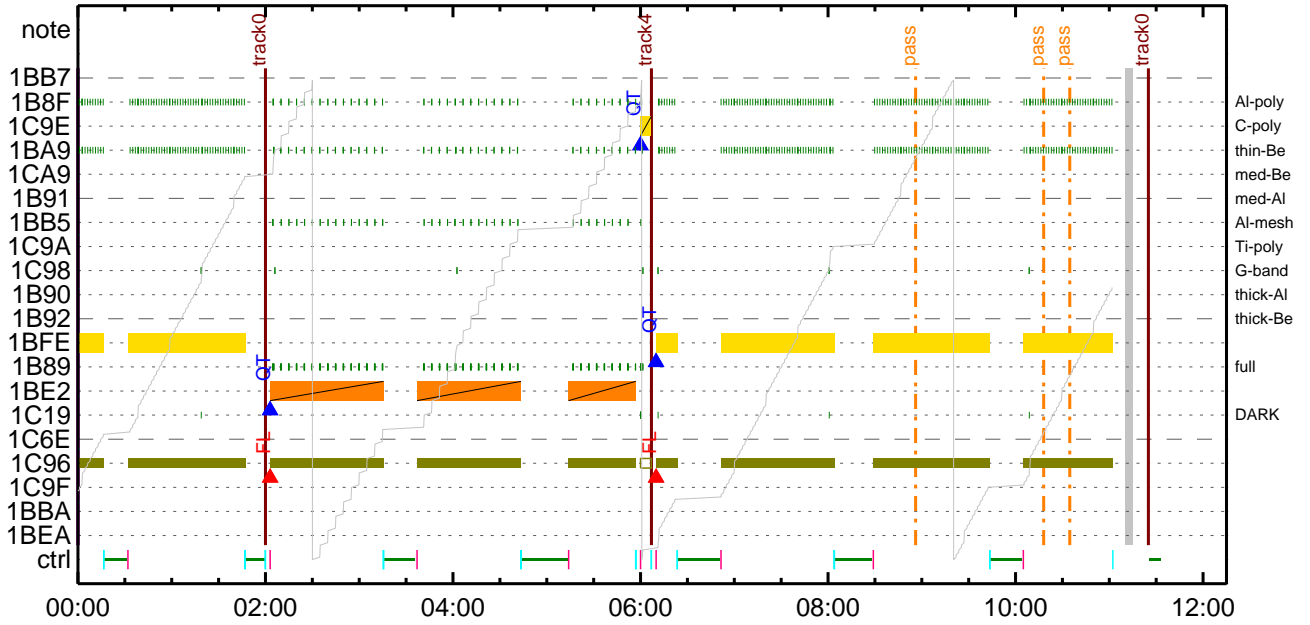
CMDI #0991 2021/11/15



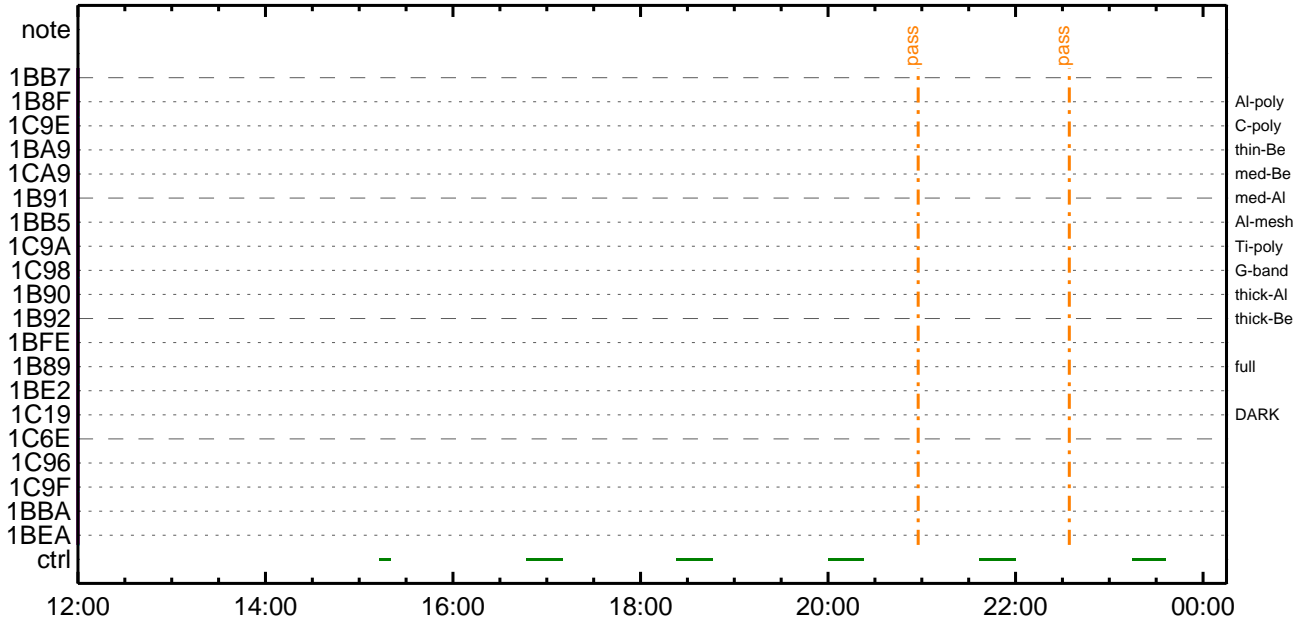
CMDI #0991 2021/11/15



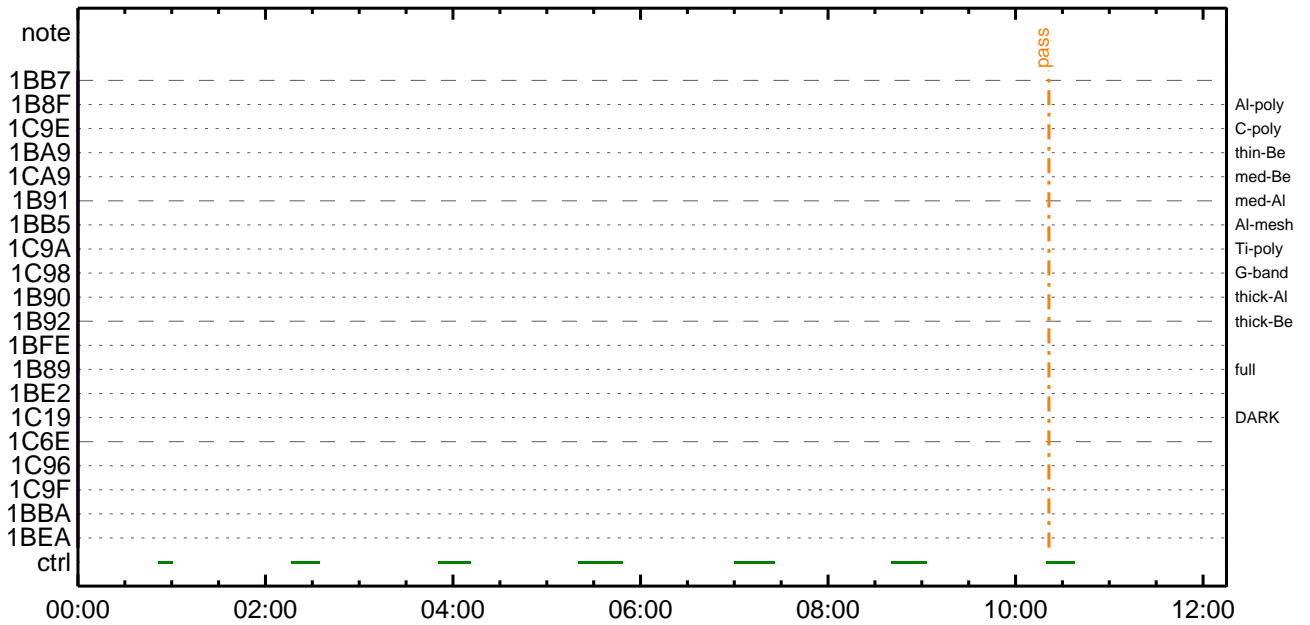
CMDI #0991 2021/11/16



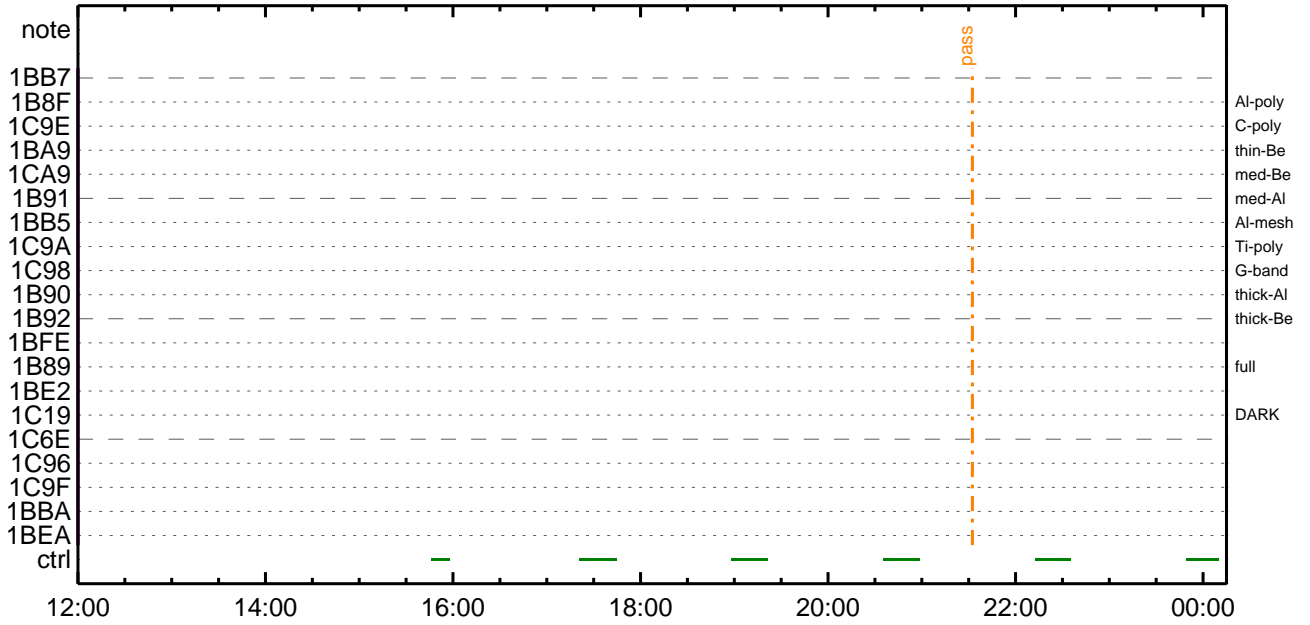
CMDI #0991 2021/11/16



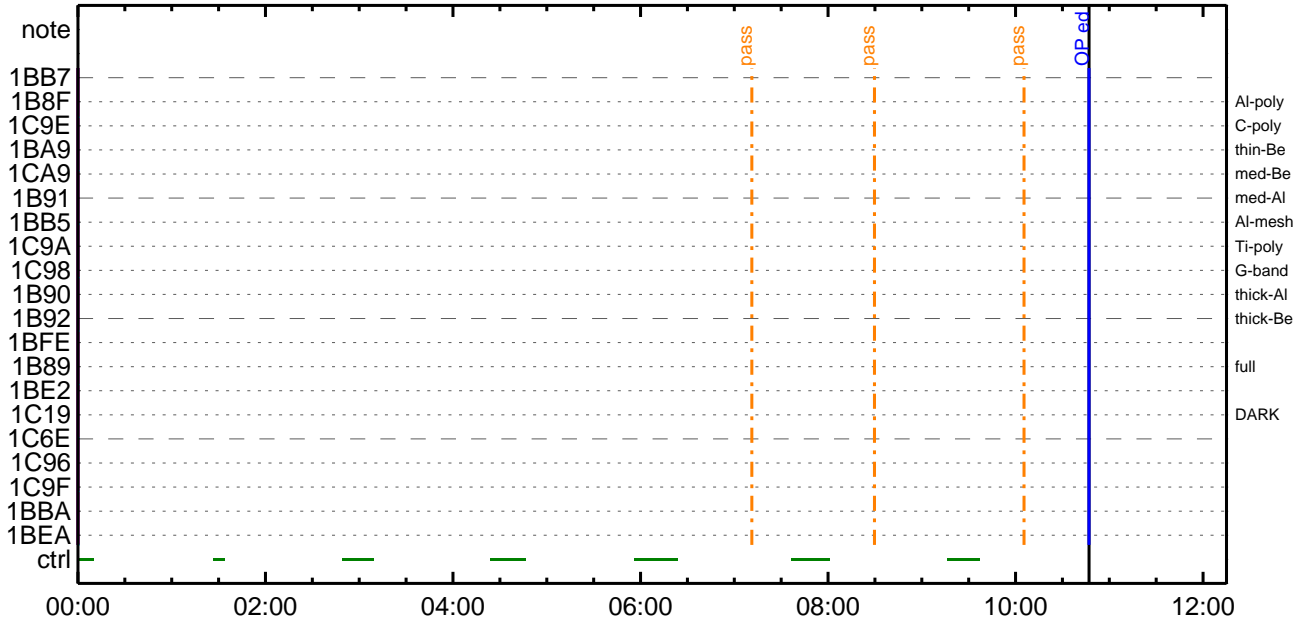
CMDI #0991 2021/11/17



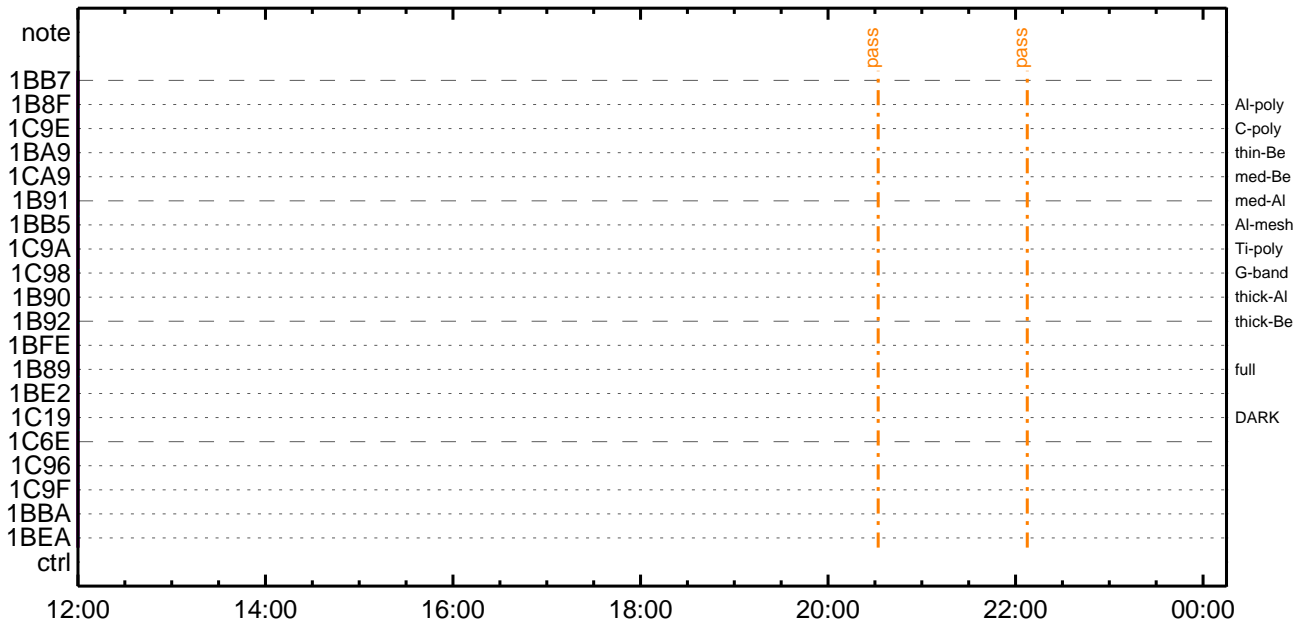
CMDI #0991 2021/11/17



CMDI #0991 2021/11/18



CMDI #0991 2021/11/18




```

0194 C.
0195 +. TI 2021-11-13 11:05:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼□îÄë%îíñ□îŷÄŷ§ŷÄŷ-¹àîü
0200 C.          çç[HK1_TI_CMD_ENA/DIS]            EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]                EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]            EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]            EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIíî°èŷÄŷÖŷ×
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.          çç[HK1_DMP_TOP_ADRS_1]          EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]          EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]           EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]         EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]            EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]             EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]         EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]            EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»□ò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]            EQ      NON
0227 C.
0228 C. RAM ID=TI_TBL□îŷÄŷÖŷ×½ªî»□ò³îç§
0229 C.
0230 C. DHUŷä;¼ŷÉ;Ê¼ŷ¼. ŷî;¼ŷÉ;Ê□òîä□¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]             EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]            EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]         EQ      32K
0236 C.          çç[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 2021-11-13 11:05:16.0
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 2021-11-13 11:05:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2021-11-13 11:05:40.0
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 2021-11-13 11:05:00.0
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 ´úÃîäî»ö¼ŷ□èÄð□¹èDCBC•x²è *****
0276 C. (¼á°îŷÖŷÄŷÉŷŷŷÉŷáŷçŷèè¼□□¼Ä»Ü□¹è)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•î Daily±çîñ□è'Ø□¹èDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Ü;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-810 2021-11-13 12:41:16 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿òÁò•µ°È»Í×ÁÇòÍYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÈ;ÈòÈ¼°ÇÒò•ò¿¼í¹çòÍ;çÁ®, ùò¹òèòòòçÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 31s
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 ( )
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 BC (07 07 07 00 00 70 00)
0060 C.
0061 C. Execute, after the success of OBSTBL upload.
0062 C. Set EIS TI-commands
0063 +. TI 2021-11-13 11:05:50.0
0064 DC 07-FC EIS_MODE_CHG_ENA
0065 BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 C. *****
0068 C. EIS END OBSTBL LOAD
0069 C. *****
0070 C.
0071 . C. ***** MDP `ûÁîòí»ò¼YòÈÁò¹òèDCBC•x²è *****
0072 C. (¼á°íYÓYÁYÈYpYÈYáYçYèòÈ¼¼ò¼Á»Ûò¹òè)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** YDÿ¹.Ï Daily±¿íÑòÈ`Øò¹òèDCBC•x²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 C.
0081 C.
0082 . C. ;ãLOSÁY$YÁY~¼Á»Û;ã
0083 C.
0084 . C. ***** LOS *****
0085 C.
```



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-283:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2021-11-13 11:05:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 05 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 80 80 20 20)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 08 20)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 08 08)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0f 80 80 06 06)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 10 80 80 08 08)
0172 + DC 07-F0 MDP_XRT_FLD_ENA
0173 BC (d8)
0174 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0175 BC (c8)
0176 + DC 07-F0 MDP_XRT_ARS_DIS
0177 BC (d5)
0178 + DC 07-F0 MDP_XRT_AEC_RESET
0179 BC (d0)
0180 + DC 07-F0 MDP_XRT_FLD_RESET
0181 BC (da)
0182 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0183 BC (c4 09)
0184 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0185 BC (c5 04)
0186 . C. ----- Success Verify ? OK / NG ____
0187 C.
0188 C.
0189 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0190 C.
0191 +. DC 07-F0 MDP_XRT_MODE_OBSV
0192 BC (c2)
0193 +. TI 2021-11-13 11:05:02.0

```

```
0194 DC 07-F0 MDP_XRT_MODE_OBSV
0195 BC (c2)
0196 . C. ----- Success Verify ? OK / NG ____
0197 C.
0198 C. ***** XRT END *****
0199 C.
0200 . C. ***** MDP `úÃîñî»ò¼ŷñÊÃĐñ¹ñèDCBC•x²è *****
0201 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ñ¼Ã»Ûñ¹ñè)
0202 . S. DC-BC dcbc-402:DCBC
0203 (MDP_known_event)
0204 C.
0205 C.
0206 . C. ***** ŷĐŷ¹•İ Daily±¿İÑñÊ´Øñ¹ñèDCBC•x²è *****
0207 . S. DC-BC dcbc-153:DCBC
0208 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0209 C.
0210 C.
0211 . C. ;ãLOSŷÁŷŲŷÃŷ¬¼Ã»Û¿ä
0212 C.
0213 . C. ***** LOS *****
0214 C.
```

*** OP Sequence for XRT ***

2021/11/13	11:15:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	11:15:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	11:15:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/11/13	11:16:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	01 03 1a 02 0c		
2021/11/13	11:16:00.5	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	11:16:02.5	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	11:16:04.5	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/11/13	11:16:06.5	XRT_PREFLR_STRT_403_OG [0x193]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/11/13	11:16:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/11/13	11:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/11/13	11:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/11/13	11:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/11/13	11:16:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/11/13	11:18:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2021/11/13	11:18:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/11/13	11:19:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/11/13	11:26:00.0	XRT_Custom_430_OG [0x1ae]					
2021/11/13	11:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/11/13	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	12:29:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	12:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/11/13	12:30:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	03 03 1a 02 0c		
2021/11/13	12:30:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/11/13	12:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/11/13	12:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/11/13	12:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/11/13	12:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/11/13	12:32:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11		
2021/11/13	12:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/11/13	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/11/13	14:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	14:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	14:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/11/13	15:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	04 03 1a 02 0c		
2021/11/13	15:00:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/11/13	15:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/11/13	15:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/11/13	15:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/11/13	15:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/11/13	15:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09		
2021/11/13	15:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/11/13	15:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/11/13	15:06:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	15:06:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/11/13	15:06:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/11/13	15:06:06.0	XRT_PREFLR_STRT_403_OG [0x193]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		

2021/11/13	15:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/13	15:10:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/13	15:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/13	16:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	16:38:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	16:38:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/13	16:38:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/13	16:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/13	17:01:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/13	17:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/13	17:50:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	17:50:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	17:50:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/11/13	17:50:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2021/11/13	17:50:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/11/13	17:50:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/11/13	17:50:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/13	17:53:28.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2021/11/13	17:53:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/13	18:00:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	18:00:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	18:00:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/11/13	18:00:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	04 03 1a 02 0c				
2021/11/13	18:00:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/11/13	18:00:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/11/13	18:00:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/11/13	18:00:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/13	18:00:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/13	18:03:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2021/11/13	18:03:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/11/13	18:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/13	18:14:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	18:14:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	18:14:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/13	18:14:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/13	18:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/13	18:38:00.0	XRT_Custom_430_OG [0x1ae]							
2021/11/13	18:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/13	19:51:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	19:51:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	19:51:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/13	19:51:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/13	19:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/13	20:14:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/13	20:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/13	21:28:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	21:28:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/13	21:28:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/13	21:28:36.0	XRT_PREFLR_STRT_403_OG [0x193]							

2021/11/13	21:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/13	21:52:00.0	XRT_Custom_430_OG [0x1ae]							
2021/11/13	21:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/13	23:06:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/13	23:06:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/13	23:06:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/13	23:06:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/13	23:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/13	23:27:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/13	23:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	00:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	00:43:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	00:43:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/14	00:43:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/14	00:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/14	00:53:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/14	00:54:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2021/11/14	02:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
			AOCU_NM	5	02-76	00 00 00 00 00			
2021/11/14	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/11/14	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/11/14	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/11/14	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/11/14	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/14	02:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 07			
2021/11/14	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2021/11/14	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	02:09:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	02:09:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	02:09:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/14	02:09:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/14	02:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/14	02:26:00.0	XRT_Custom_430_OG [0x1ae]							
2021/11/14	02:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	03:42:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	03:42:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	03:42:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/14	03:42:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/14	03:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/14	04:02:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/14	04:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	05:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	05:11:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	05:11:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/14	05:11:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/14	05:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/14	05:40:00.0	XRT_Custom_430_OG [0x1ae]							

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2021/11/14	05:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/11/14	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/11/14	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/11/14	06:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/14	06:02:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2021/11/14	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	06:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/11/14	06:10:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 1d 58 2d 81				
2021/11/14	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/11/14	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/11/14	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/11/14	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/14	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/14	06:12:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2021/11/14	06:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/11/14	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	06:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	06:51:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	06:51:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/14	06:51:36.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/14	06:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/14	07:17:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/14	07:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	08:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	08:31:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	08:31:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/14	08:31:36.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/14	08:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/14	08:54:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/14	08:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/11/14	10:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	04 03 1a 02 0c				
2021/11/14	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/11/14	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/11/14	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/11/14	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/14	10:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/14	10:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2021/11/14	10:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/11/14	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	10:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							

2021/11/14	10:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	10:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	10:11:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/14	10:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/14	10:30:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/14	10:31:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2021/11/14	15:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2021/11/14	15:38:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	15:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	15:38:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	15:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/14	15:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/14	15:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/14	17:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]						
2021/11/14	17:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2021/11/14	17:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	17:12:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	17:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	17:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/14	17:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/14	18:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]						
2021/11/14	18:06:56.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2021/11/14	18:06:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	18:07:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	18:07:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	18:07:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2021/11/14	18:07:22.0	XRT_ARS_DIS_420_OG [0x1a4]	AOCS_Ore-point_Start_4_OG [0x09a]						
2021/11/14	18:09:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]	AOCU_NM	5	02-76	00 00 00 00 00			
2021/11/14	18:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	XRT_FLD_DIS_409_OG [0x199]						
2021/11/14	18:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2021/11/14	18:16:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2021/11/14	18:16:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/11/14	18:17:00.0	AOCS_Ore-point_Start_3_OG [0x099]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12			
2021/11/14	18:17:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_CTRL_AUTO_408_OG [0x198]						
2021/11/14	18:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/14	18:17:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	18:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	18:17:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/14	18:19:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2021/11/14	18:19:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	AOCS_Ore-point_Start_3_OG [0x099]						
2021/11/14	18:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	AOCU_NM	5	02-76	04 03 1a 02 0c			
2021/11/14	18:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_FLD_ENA_411_OG [0x19b]						
2021/11/14	18:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/11/14	18:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/11/14	18:49:36.0	XRT_PREFLR_STRT_403_OG [0x193]	XRT_AEC_RESET_448_OG [0x1c0]						
2021/11/14	18:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/11/14	19:13:00.0	XRT_Custom_430_OG [0x1ae]	XRT_ARS_DIS_423_OG [0x1a7]						
2021/11/14	19:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_ARS_DIS	1	07-F0	d5			
			XRT_FLD_RESET_434_OG [0x1b2]						
			MDP_XRT_FLD_RESET	1	07-F0	da			
			XRT_QT_PROG_SET_442_OG [0x1ba]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 09			
			XRT_FL_PROG_SET_418_OG [0x1a2]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
			XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
			XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
			XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da			
			XRT_PREFLR_STRT_403_OG [0x193]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
			XRT_Custom_430_OG [0x1ae]						
			XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			

2021/11/14	20:26:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	20:26:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	20:26:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/14	20:26:36.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/14	20:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/14	20:49:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/14	20:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	22:03:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	22:03:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	22:03:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/14	22:03:36.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/14	22:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/14	22:27:00.0	XRT_Custom_430_OG [0x1ae]							
2021/11/14	22:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/14	23:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	23:41:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/14	23:41:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/14	23:41:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/14	23:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/15	00:01:30.0	XRT_Custom_430_OG [0x1ae]							
2021/11/15	00:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	01:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	01:18:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	01:18:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	01:18:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/15	01:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/15	01:26:00.0	XRT_Custom_430_OG [0x1ae]							
2021/11/15	01:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	02:41:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	02:41:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	02:41:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	02:41:36.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/15	02:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/15	03:01:00.0	XRT_Custom_430_OG [0x1ae]							
2021/11/15	03:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/11/15	04:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2021/11/15	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/11/15	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/11/15	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/11/15	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/15	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2021/11/15	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/11/15	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	04:17:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	04:17:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2021/11/15	04:17:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/11/15	04:17:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/11/15	04:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/11/15	04:38:00.0	XRT_Custom_430_OG [0x1ae]					
2021/11/15	04:39:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/11/15	05:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	05:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	05:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/11/15	05:47:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/11/15	05:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/11/15	06:15:00.0	XRT_Custom_430_OG [0x1ae]					
2021/11/15	06:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/11/15	06:24:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	06:24:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	06:24:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2021/11/15	06:24:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/11/15	06:24:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/11/15	06:24:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/11/15	06:27:28.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2021/11/15	06:27:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/11/15	06:34:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	06:34:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	06:34:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2021/11/15	06:34:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04 03 1a 02 0c	
2021/11/15	06:34:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/11/15	06:34:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/11/15	06:34:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/11/15	06:34:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/11/15	06:34:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/11/15	06:37:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2021/11/15	06:37:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2021/11/15	06:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/11/15	07:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	07:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	07:27:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/11/15	07:27:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/11/15	07:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/11/15	07:52:30.0	XRT_Custom_430_OG [0x1ae]					
2021/11/15	07:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/11/15	09:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	09:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	09:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/11/15	09:07:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/11/15	09:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/11/15	09:29:30.0	XRT_Custom_430_OG [0x1ae]					
2021/11/15	09:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/11/15	09:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	09:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/11/15	09:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					

2021/11/15	09:40:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
		AOCU_NM		5	02-76	00	d5	27	02 0c
2021/11/15	09:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/11/15	09:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/11/15	09:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/11/15	09:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/11/15	09:40:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/15	09:42:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2021/11/15	09:42:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2021/11/15	09:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/15	10:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	10:48:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	10:48:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/15	10:48:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/15	10:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/15	11:03:00.0	XRT_Custom_430_OG [0x1ae]							
2021/11/15	11:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/15	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	12:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2021/11/15	13:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	3d	ca	02 0c
2021/11/15	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/11/15	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/11/15	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/11/15	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/11/15	13:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/15	13:02:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2021/11/15	13:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2021/11/15	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/15	16:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	16:12:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	16:12:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/15	16:12:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/11/15	16:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/11/15	16:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	16:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	16:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2021/11/15	16:30:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04	03	1a	02 0c
2021/11/15	16:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/11/15	16:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/11/15	16:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/11/15	16:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/11/15	16:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/11/15	16:32:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2021/11/15	16:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2021/11/15	16:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/11/15	17:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/11/15	17:47:32.0	XRT_CTRL_MANU_402_OG [0x192]							

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2021/11/15	17:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	17:47:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	17:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/15	18:11:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/15	18:11:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	18:11:28.0	XRT_FOCUS_RECALIBRATE_427_OG [0x1ab]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	18:11:30.0	AOCS_OrE-point_Start_4_OG [0x09a]	XRT_FOCUS_RECAL	2	07-F8	78	00			
2021/11/15	18:15:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	AOCU_NM	5	02-76	00	00	00	00	00
2021/11/15	18:15:48.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/11/15	18:15:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/11/15	18:15:52.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/11/15	18:15:54.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/15	18:15:56.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2021/11/15	18:21:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	18:21:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	18:21:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	18:21:30.0	AOCS_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2021/11/15	18:21:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	03	1a	02	0c
2021/11/15	18:21:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/11/15	18:21:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/11/15	18:21:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/11/15	18:21:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/15	18:24:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	18:24:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2021/11/15	18:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/11/15	19:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	19:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	19:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	19:24:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	19:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/15	19:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/15	19:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0				
2021/11/15	21:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	21:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	21:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	21:01:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	21:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/15	21:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/15	21:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0				
2021/11/15	22:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/15	22:39:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	22:39:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/15	22:39:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/15	22:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/15	23:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/15	23:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0				
2021/11/16	00:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/16	00:16:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

2021/11/16	00:16:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	00:16:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/16	00:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/16	00:31:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/16	00:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/16	01:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	01:47:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	01:47:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	01:47:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/16	01:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/16	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/16	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	02:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/11/16	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00				
2021/11/16	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/11/16	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/11/16	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/11/16	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/16	02:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/16	02:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2021/11/16	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/11/16	03:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/16	03:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	03:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	03:15:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/16	03:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/16	03:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/16	03:37:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/16	04:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	04:43:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	04:43:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	04:43:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/11/16	04:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/11/16	05:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/11/16	05:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/16	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/16	05:56:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	05:56:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	05:57:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/11/16	05:57:20.5	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/11/16	05:57:22.5	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/11/16	05:59:58.5	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/11/16	06:00:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2021/11/16	06:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/11/16	06:06:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	06:06:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/11/16	06:07:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				

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2021/11/16	06:07:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	03	1a	02	0c
		MDP_XRT_FLD_ENA		1	07-F0			d8		
2021/11/16	06:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0			c8		
		MDP_XRT_FLRCTRL_ENA		1	07-F0					
2021/11/16	06:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0			d0		
		MDP_XRT_AEC_RESET		1	07-F0					
2021/11/16	06:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0			d5		
		MDP_XRT_ARS_DIS		1	07-F0					
2021/11/16	06:07:26.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0			da		
		MDP_XRT_FLD_RESET		1	07-F0					
2021/11/16	06:09:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]		2	07-F0			c4	09	
		MDP_XRT_QT_PROG_SET		2	07-F0					
2021/11/16	06:09:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]		2	07-F0			c5	04	
		MDP_XRT_FL_PROG_SET		2	07-F0					
2021/11/16	06:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0			c0		
		MDP_XRT_CTRL_AUTO		1	07-F0					
2021/11/16	06:23:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0			c1		
		MDP_XRT_CTRL_MANU		1	07-F0					
2021/11/16	06:23:32.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0			c1		
		MDP_XRT_CTRL_MANU		1	07-F0					
2021/11/16	06:23:34.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0			da		
		MDP_XRT_FLD_RESET		1	07-F0					
2021/11/16	06:23:36.0	XRT_PREFLR_STRT_403_OG [0x193]		1	07-F0			e8		
		MDP_XRT_PREFLR_STRT		1	07-F0					
2021/11/16	06:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0			e9		
		MDP_XRT_PREFLR_STOP		1	07-F0					
2021/11/16	06:50:30.5	XRT_Custom_430_OG [0x1ae]								
2021/11/16	06:51:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0			c0		
		MDP_XRT_CTRL_AUTO		1	07-F0					
2021/11/16	08:04:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0			c1		
		MDP_XRT_CTRL_MANU		1	07-F0					
2021/11/16	08:04:02.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0			c1		
		MDP_XRT_CTRL_MANU		1	07-F0					
2021/11/16	08:04:04.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0			da		
		MDP_XRT_FLD_RESET		1	07-F0					
2021/11/16	08:04:06.0	XRT_PREFLR_STRT_403_OG [0x193]		1	07-F0			e8		
		MDP_XRT_PREFLR_STRT		1	07-F0					
2021/11/16	08:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0			e9		
		MDP_XRT_PREFLR_STOP		1	07-F0					
2021/11/16	08:28:00.0	XRT_Custom_430_OG [0x1ae]								
2021/11/16	08:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0			c0		
		MDP_XRT_CTRL_AUTO		1	07-F0					
2021/11/16	09:43:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0			c1		
		MDP_XRT_CTRL_MANU		1	07-F0					
2021/11/16	09:43:32.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0			c1		
		MDP_XRT_CTRL_MANU		1	07-F0					
2021/11/16	09:43:34.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0			da		
		MDP_XRT_FLD_RESET		1	07-F0					
2021/11/16	09:43:36.0	XRT_PREFLR_STRT_403_OG [0x193]		1	07-F0			e8		
		MDP_XRT_PREFLR_STRT		1	07-F0					
2021/11/16	09:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0			e9		
		MDP_XRT_PREFLR_STOP		1	07-F0					
2021/11/16	10:04:00.0	XRT_Custom_430_OG [0x1ae]								
2021/11/16	10:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0			c0		
		MDP_XRT_CTRL_AUTO		1	07-F0					
2021/11/16	11:02:15.5	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0			c1		
		MDP_XRT_CTRL_MANU		1	07-F0					
2021/11/16	11:25:00.0	AOCS_ORe-point_Start_4_OG [0x09a]		5	02-76	00	00	00	00	00
		AOCU_NM		5	02-76	00	00	00	00	00