

# XRT Timeline to be uploaded on 2024/04/06

Period: 2024/04/06 11:24:00 - 2024/04/11 10:58:00

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Normal mode

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## XOB #1D11: HOP480 - Filter-Ratio with thin-Be and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 60 cad

Term	Pointing (x, y)	Comment
04/06 11:37:00 - 04/06 15:59:54	Track ( -951.1, -172.0) @ 04/06 11:34:00	# OP start + 10min, new AR
04/06 16:03:00 - 04/06 18:22:24	Track ( -555.7, 171.3) @ 04/06 16:00:00	AR 13628
04/07 18:13:00 - 04/07 23:59:54	Track ( -860.0, -144.3) @ 04/07 18:10:00	HOP 480, 19:50- (new AR)

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

<b>Subr= 1</b>	<b>1-time(s)</b>	<b>10.0sec</b>										
<b>Seqn= 91</b>	<b>2-time(s)</b>	<b>5.0sec</b>										
thin-Be/Open	thin-Be/Open	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Subr= 2</b>	<b>240-time(s)</b>	<b>60.0sec</b>										
<b>Seqn= 65</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 64</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
<b>Subr= 3</b>	<b>240-time(s)</b>	<b>60.0sec</b>										
<b>Seqn= 65</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 64</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	2.0sec

## XOB #1D07: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(8/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(256/8192/32768), Med-Be(128/5795)

Term	Pointing (x, y)	Comment
04/06 18:25:30 - 04/06 18:32:24	Fixed ( 0.0, 0.0)	synoptic, shifted 22.5 min
04/07 06:08:30 - 04/07 06:15:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted
04/07 18:03:00 - 04/07 18:09:54	Fixed ( 0.0, 0.0)	synoptic
04/08 06:11:30 - 04/08 06:18:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted
04/08 17:23:00 - 04/08 17:29:54	Fixed ( 0.0, 0.0)	synoptic, shifted
04/08 19:58:00 - 04/08 20:04:54	Fixed ( 0.0, 0.0)	XRT movie + synoptic
04/09 05:40:00 - 04/09 05:46:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted

**PROG= 19 1-time(s)**

<b>Subr= 1</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 5</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
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
<b>Seqn= 26</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 99</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 83</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 23</b>	<b>1-time(s)</b>	<b>4.0sec</b>										
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
<b>Subr= 2</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 41</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
<b>Seqn= 17</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 33</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 75</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec

**XOB #1CD7: 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
04/06 18:35:30 - 04/07 04:05:24	Track ( -536.1, 172.6) @ 04/06 18:32:30	AR
04/07 06:18:30 - 04/07 17:59:54	Track ( -442.1, 177.9) @ 04/07 06:15:30	AR
04/08 00:03:00 - 04/08 03:59:30	Track ( -289.8, 183.5) @ 04/08 00:00:00	AR
04/08 06:21:30 - 04/08 08:24:54	Track ( -233.5, 184.8) @ 04/08 06:18:30	AR
04/09 02:13:00 - 04/09 03:36:54	Track ( -52.1, 186.3) @ 04/09 02:10:00	AR
04/09 05:50:00 - 04/09 12:08:54	Track ( -18.7, 186.2) @ 04/09 05:47:00	AR

**PROG= 05 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	4-time(s)	180.0sec										
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 #1D09: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[5/181/1443], thin-Be[16/512/3897] with 512x512 G-band+Leak - 90min cad) + CME watch**

Term	Pointing (x, y)	Comment
04/07 04:10:00 - 04/07 06:05:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted
04/08 04:21:00 - 04/08 06:08:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted
04/09 03:40:00 - 04/09 05:36:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted

**PROG= 18 Inf.-time(s)**

Subr= 1	1-time(s)	600.0sec										
Seqn= 55	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 98	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 79	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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	2.83s	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	7-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= 74	1-time(s)	2.0sec										
med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	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 #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)**

Term	Pointing (x, y)	Comment
04/08 08:28:00 - 04/08 14:29:54	Fixed ( 835.0, -427.0)	HOP 481, SW
04/08 20:08:00 - 04/09 02:09:54	Fixed ( 835.0, -427.0)	HOP 481

**PROG= 04 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	10-time(s)	360.0sec										
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
<b>Seqn= 6 1-time(s) 2.0sec</b>												
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	

<b>XOB #1D12: HOP479 2-filters - Al/poly + Al/mesh - AEC2 - 30s cadence, G-band - 512FOV 1ms</b>												
Term		Pointing (x, y)						Comment				
04/08 14:33:00 - 04/08 16:34:54		Fixed ( 101.0, -835.0)						HOP 479, PCH				
04/08 17:33:00 - 04/08 19:29:54		Fixed ( 101.0, -835.0)						HOP 479				
<b>PROG= 01 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 84 2-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 25 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	1ms	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Dark	2.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	0	0	2.0sec
<b>Subr= 3 2-time(s) 30.0sec</b>												
<b>Seqn= 67 150-time(s) 30.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Al-poly/Open	Al-poly/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

<b>XOB #1C23: CME watch - 4x4 - AEC 1/2 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 30s cad (G-band/Leak first)</b>												
Term		Pointing (x, y)						Comment				
04/08 16:41:00 - 04/08 17:19:54		Fixed ( 0.0, -930.0)						HOP 394				
<b>PROG= 09 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 30 1-time(s) 2.0sec</b>												
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
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn=100 120-time(s) 30.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	1	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	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	

<b>XOB #1D13: Eclipse movie - Full Sun - Al/poly - Al/Poly+Ti/Poly 4x4 AEC12</b>												
Term		Pointing (x, y)						Comment				
04/08 19:33:00 - 04/08 19:54:54		Fixed ( 0.0, 0.0)						XRT movie + synoptic				
<b>PROG= 06 1-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 57 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Dark	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Dark	2.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
<b>Subr= 2 120-time(s) 2.0sec</b>												
<b>Seqn= 66 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 43 1-time(s) 2.0sec</b>												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	707ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	1.41s	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	

\* \* \* \* \*

**Flare mode**

\* \* \* \* \*

<b>XOB #1D10: Flare - multifilter 5 sec cadence (Be/thin, Be/med), AEC 3, 384x384</b>												
Term		Pointing (x, y)						Comment				
04/06 11:37:00 - 04/06 15:59:54		Track ( -951.1, -172.0) <sup>® 04/06 11:34:00</sup>						# OP start + 10min, new AR				
04/06 16:03:00 - 04/06 18:22:24		Track ( -555.7, 171.3) <sup>® 04/06 16:00:00</sup>						AR 13628				
04/07 18:13:00 - 04/07 23:59:54		Track ( -860.0, -144.3) <sup>® 04/07 18:10:00</sup>						HOP 480, 19:50- (new AR)				
<b>PROG= 15 1-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 9 1-time(s) 2.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 49 255-time(s) 5.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**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
04/06 18:35:30 - 04/07 04:05:24	Track ( -536.1, 172.6) <sup>@ 04/06 18:32:30</sup>	AR
04/07 04:10:00 - 04/07 06:05:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted
04/07 06:18:30 - 04/07 17:59:54	Track ( -442.1, 177.9) <sup>@ 04/07 06:15:30</sup>	AR
04/08 00:03:00 - 04/08 03:59:30	Track ( -289.8, 183.5) <sup>@ 04/08 00:00:00</sup>	AR
04/08 04:21:00 - 04/08 06:08:24	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted
04/08 06:21:30 - 04/08 08:24:54	Track ( -233.5, 184.8) <sup>@ 04/08 06:18:30</sup>	AR
04/08 08:28:00 - 04/08 14:29:54	Fixed ( 835.0, -427.0)	HOP 481, SW
04/08 20:08:00 - 04/09 02:09:54	Fixed ( 835.0, -427.0)	HOP 481
04/09 02:13:00 - 04/09 03:36:54	Track ( -52.1, 186.3) <sup>@ 04/09 02:10:00</sup>	AR
04/09 03:40:00 - 04/09 05:36:54	Fixed ( 0.0, 0.0)	HOP 349 + synoptic, shifted
04/09 05:50:00 - 04/09 12:08:54	Track ( -18.7, 186.2) <sup>@ 04/09 05:47:00</sup>	AR

**PROG= 14 30-time(s)**

Subr=	1-time(s)	2.0sec										
<b>Seqn= 11</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec				
<b>Seqn= 73</b>	<b>1-time(s)</b>	<b>10.0sec</b>										
thin-Be/Open	med-Be/Open close	Safe Norm 125ms	Obs 1x1	384x384 (1024, 1024)	Q=95	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				
<b>Subr= 2</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 10</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
med-Al/Open	med-Al/thick-Al close	Safe Norm 500ms	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec				
Open/thick-Be	Open/thick-Be close	Safe Norm 2.00s	Obs 1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec				
<b>Seqn= 11</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec				
<b>Seqn= 87</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band open	Safe Norm 1ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec				
Open/G-band	Open/G-band close	Safe Norm 1ms	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec				
Open/thick-Al	Open/thick-Al close	Safe Dark 1.00s	Obs 1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec				
Open/thick-Al	Open/thick-Al close	Safe Dark 1.00s	Obs 2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec				
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

\* \* \* \* \*

**Active Region Search**

\* \* \* \* \*

NOT USED

\* \* \* \* \*

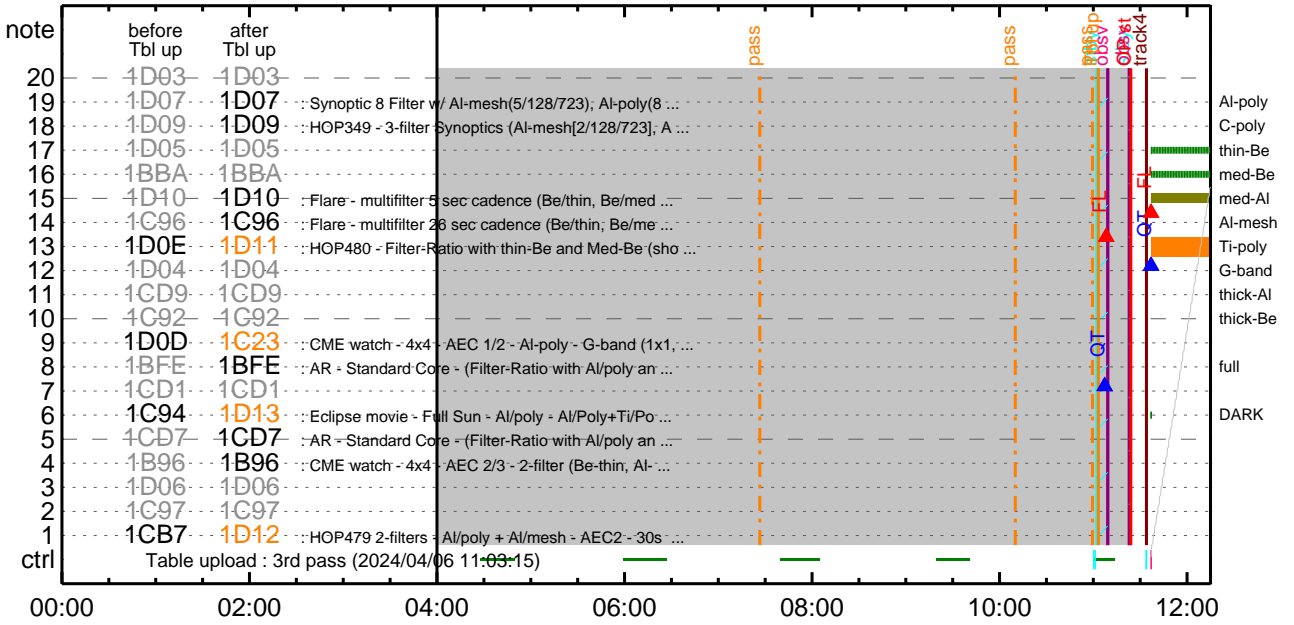
**Flare Detection**

\* \* \* \* \*

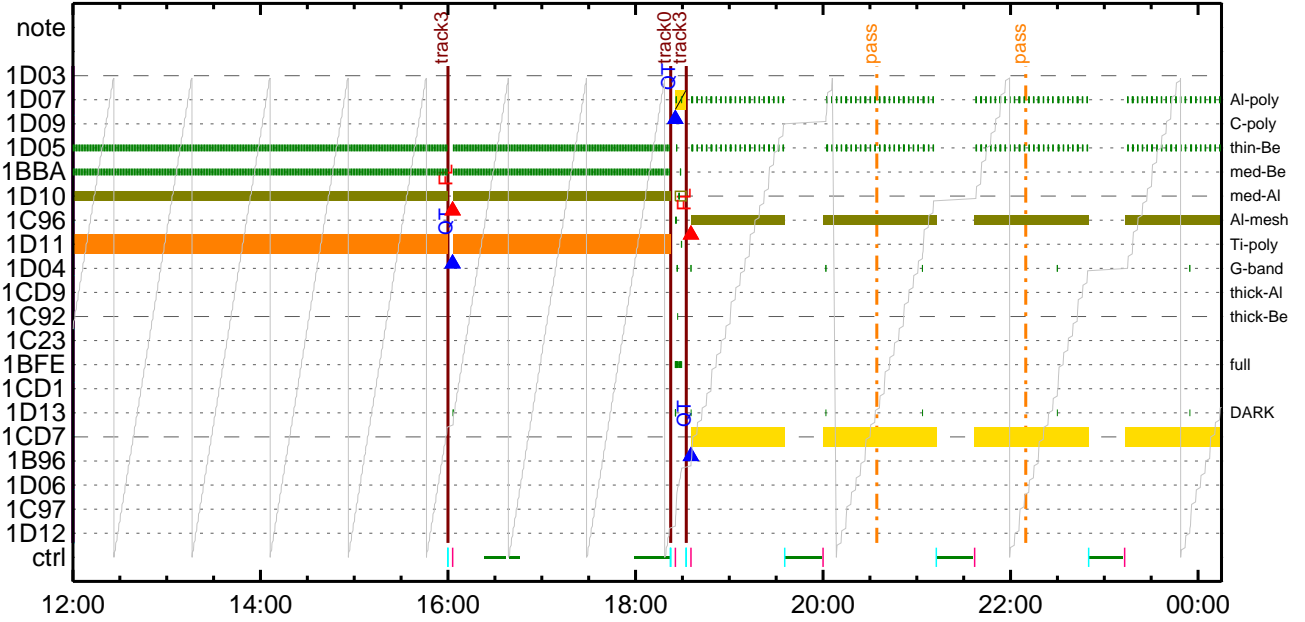
**FLD Patrol**

Term	Pointing (x, y)	Comment									
04/06 11:04:15 - 04/06 18:22:48	cannot be identified										
04/06 18:32:48 - 04/07 06:05:48	Track ( -536.1, 172.6) <sup>@ 04/06 18:32:30</sup>	AR									
04/07 06:15:48 - 04/07 18:00:18	Track ( -442.1, 177.9) <sup>@ 04/07 06:15:30</sup>	AR									
04/07 18:10:18 - 04/08 06:08:48	Track ( -860.0, -144.3) <sup>@ 04/07 18:10:00</sup>	HOP 480, 19:50- (new AR)									
04/08 06:18:48 - 04/08 14:30:18	Track ( -233.5, 184.8) <sup>@ 04/08 06:18:30</sup>	AR									
04/08 20:05:18 - 04/09 05:37:18	Fixed ( 835.0, -427.0)	HOP 481									
04/09 05:47:18 - 04/11 10:58:00	Track ( -18.7, 186.2) <sup>@ 04/09 05:47:00</sup>	AR									
Al-poly/Open	Al-poly/Open close	Safe Norm 4ms	Obs 8x8	Q=50	30sec						
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

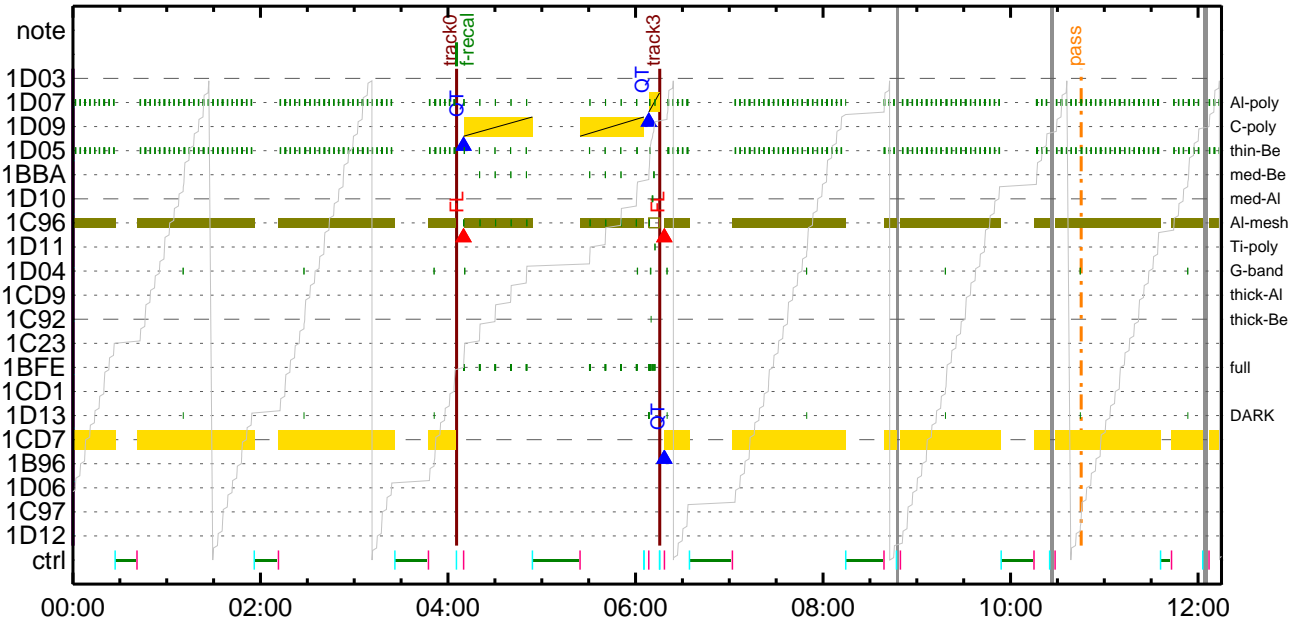
### CMDI #0732 2024/04/06



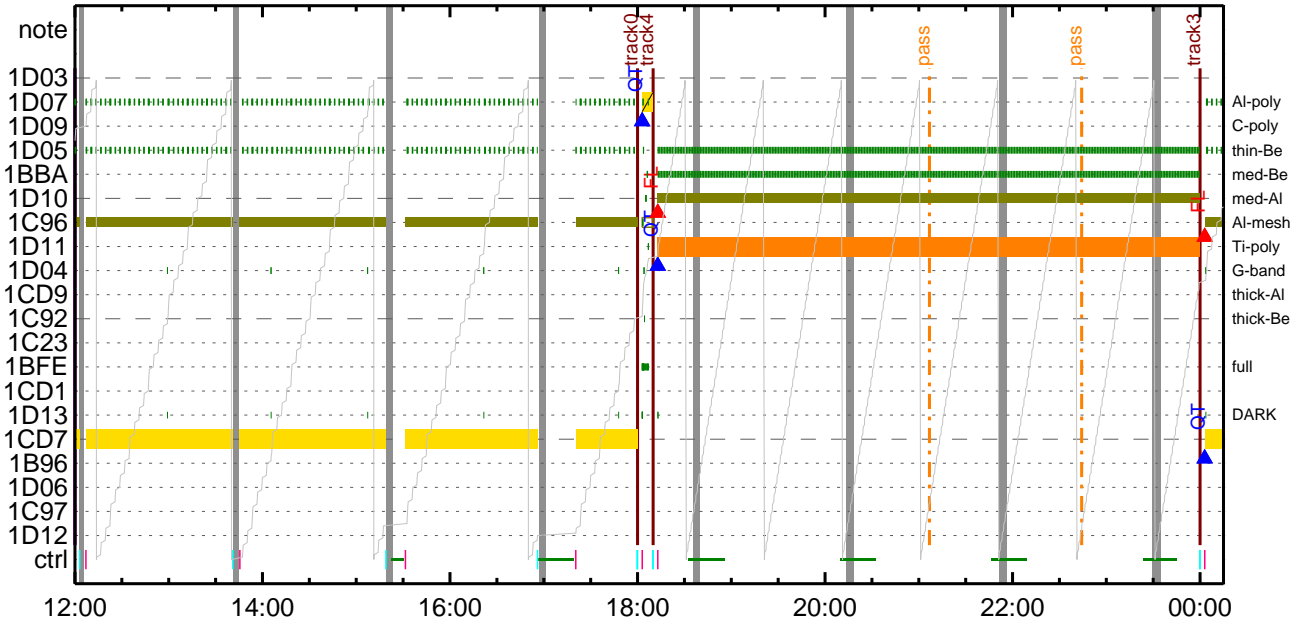
### CMDI #0732 2024/04/06



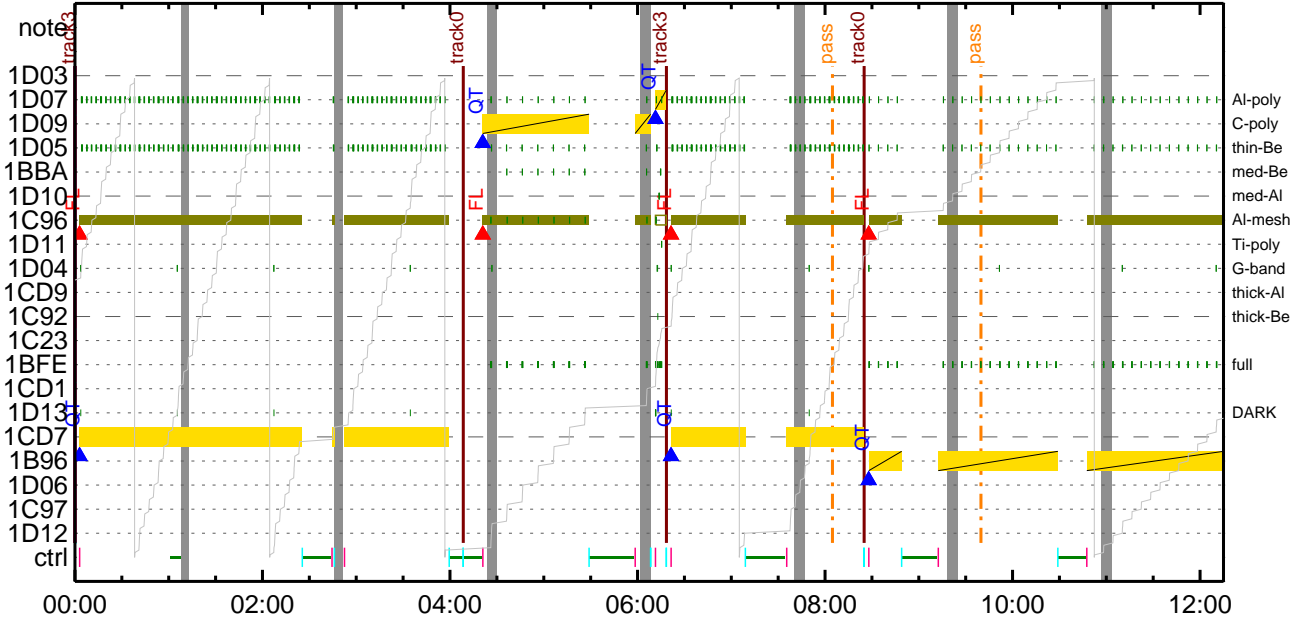
### CMDI #0732 2024/04/07



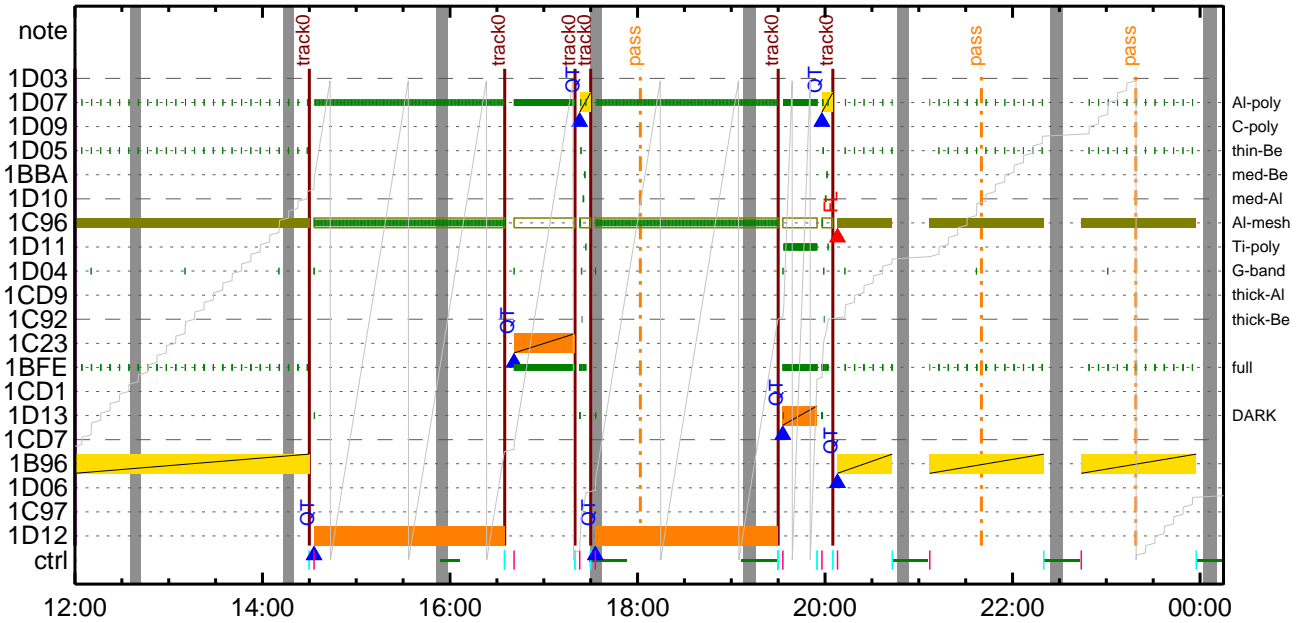
CMDI #0732 2024/04/07



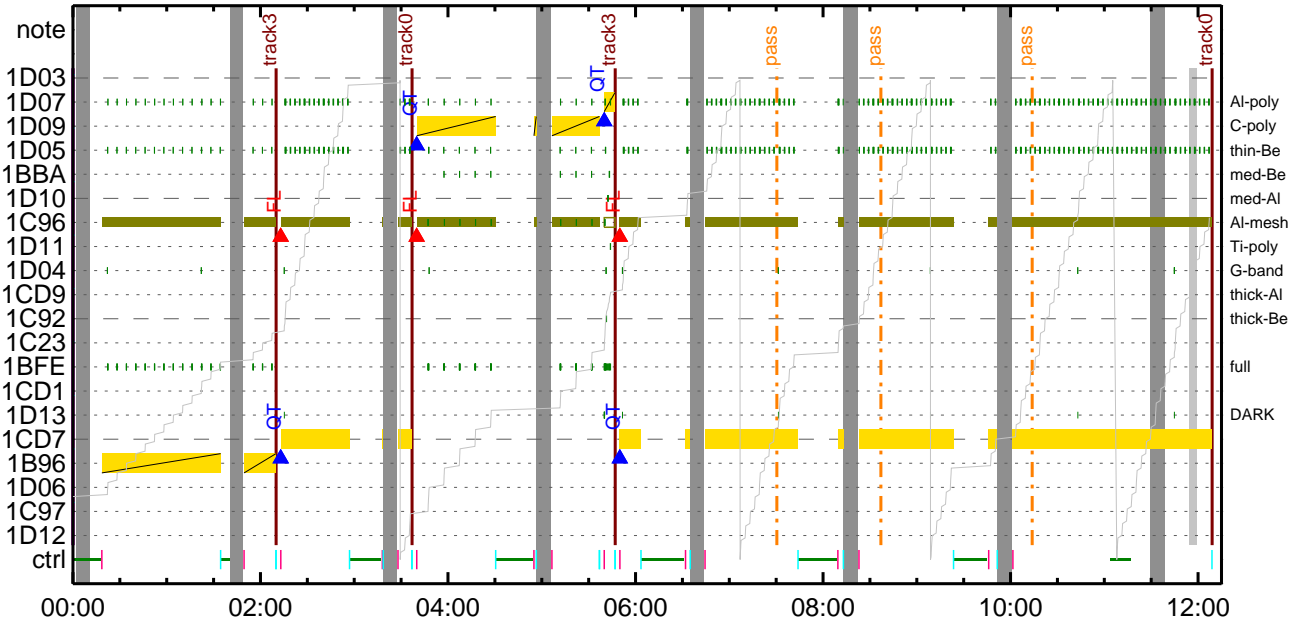
CMDI #0732 2024/04/08



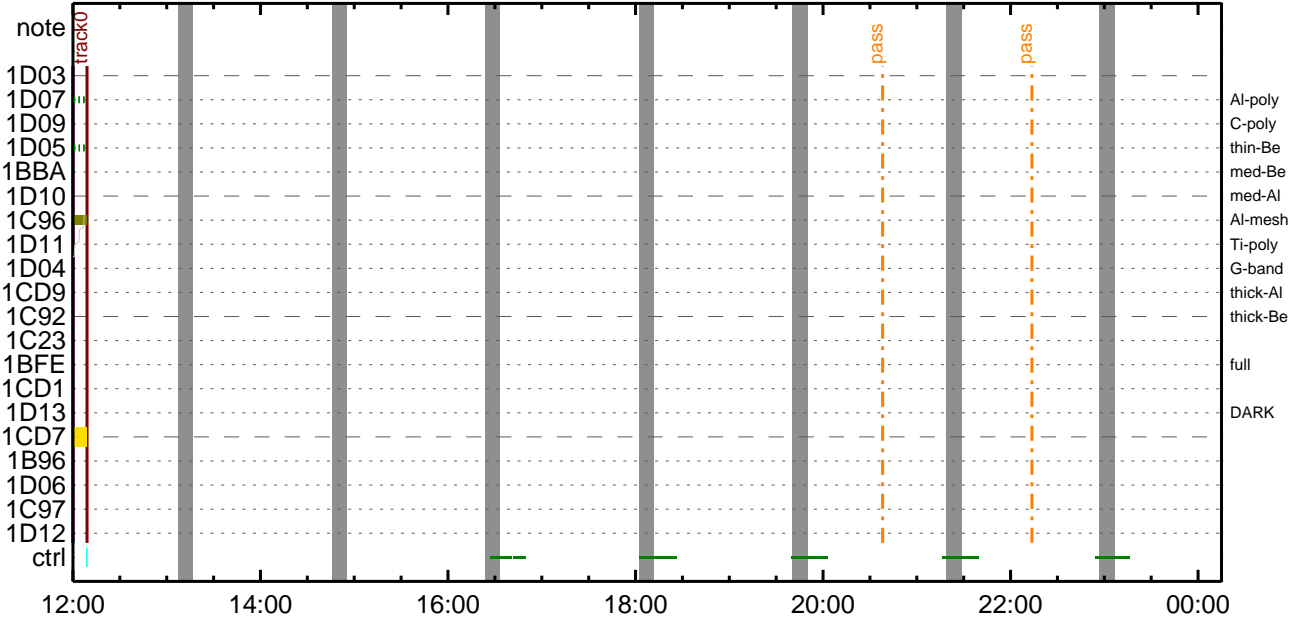
CMDI #0732 2024/04/08



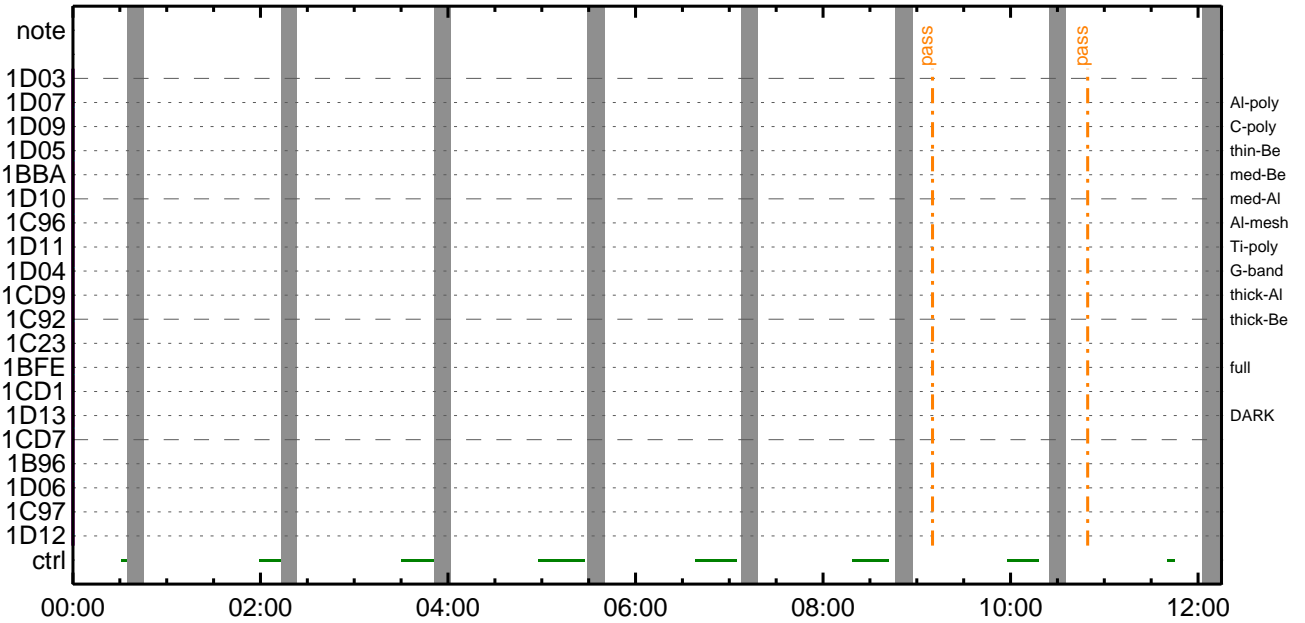
CMDI #0732 2024/04/09



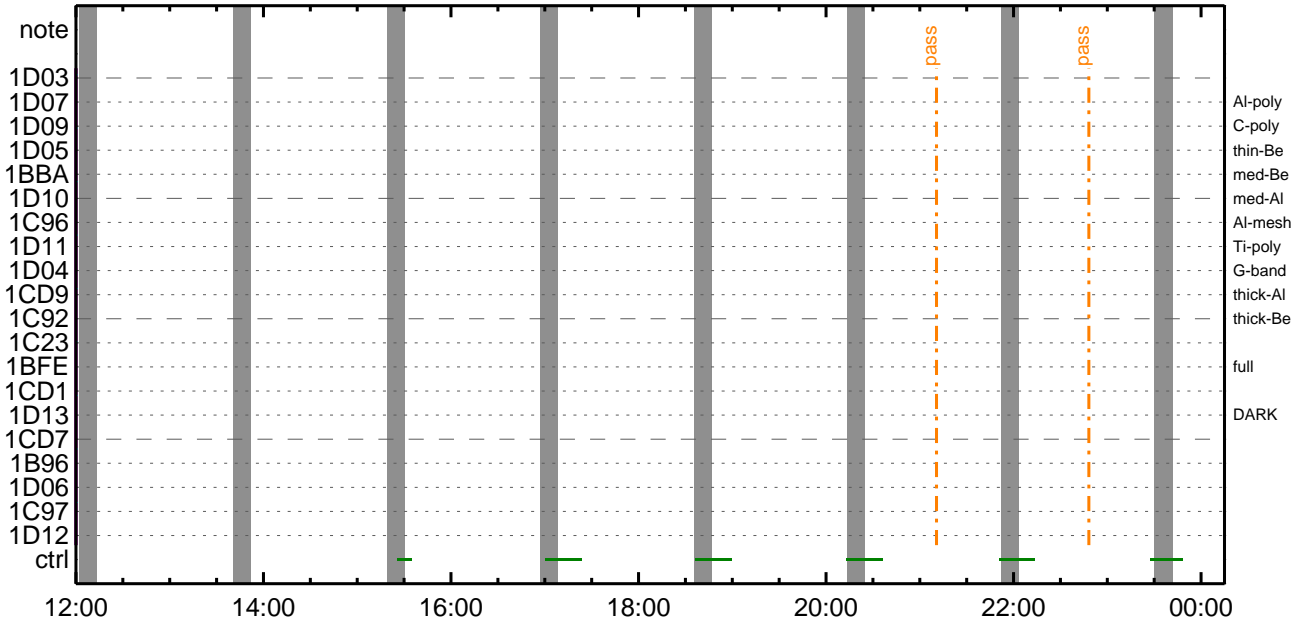
CMDI #0732 2024/04/09



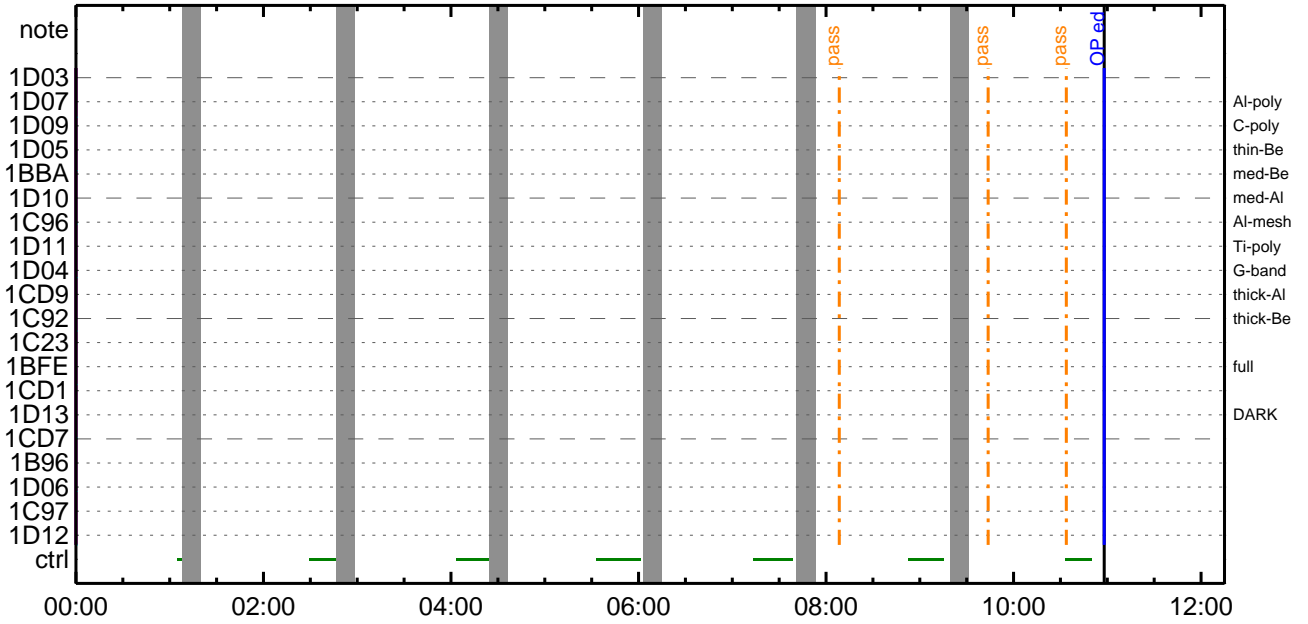
CMDI #0732 2024/04/10



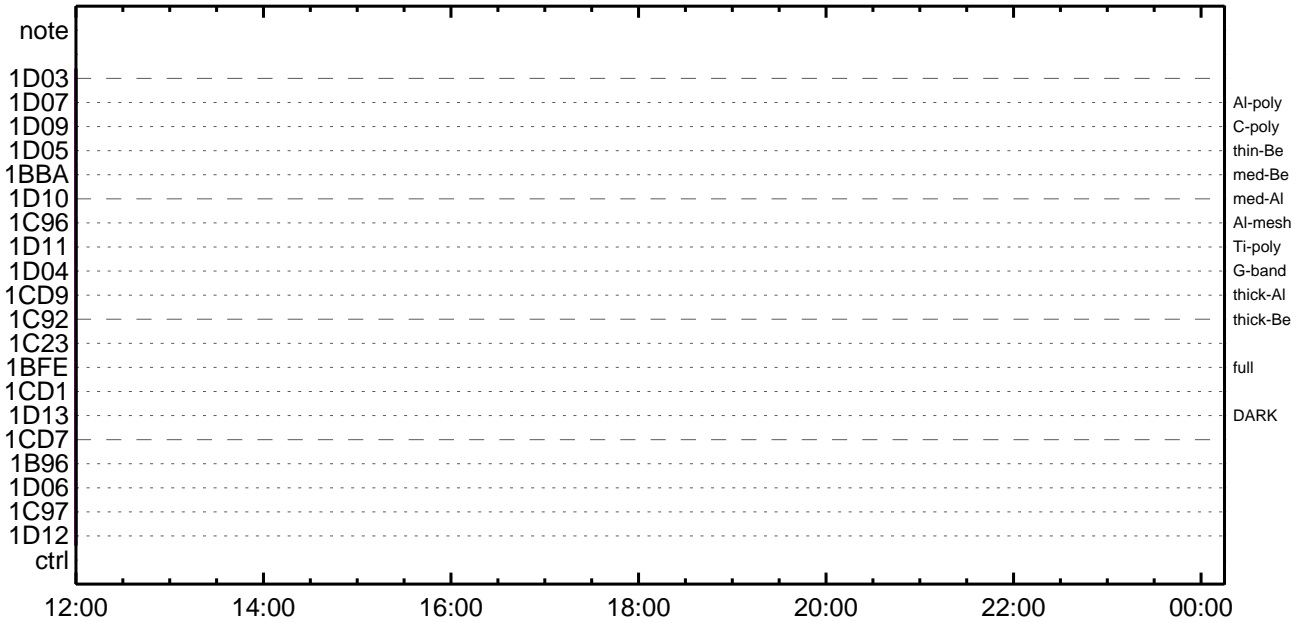
CMDI #0732 2024/04/10



CMDI #0732 2024/04/11



CMDI #0732 2024/04/11







0096 C. \*  
0097 C.  
0098 . C. TI \* (UT)  
0099 +. TI 2024-04-06 11:19:00.0  
0100 DC 01-B3 DHU\_OP\_STOP  
0101 C. [HK1\_TI\_CMD\_NUM] EQ 1COUNTUP  
0102 C.  
0103 +. TI 2024-04-06 11:19:01.0  
0104 DC 01-B4 DHU\_OP\_COPY  
0105 C. [HK1\_TI\_CMD\_NUM] EQ 1COUNTUP  
0106 C.  
0107 +. TI 2024-04-06 11:19:01.0  
0108 DC 01-B5 DHU\_OPOG\_COPY  
0109 C. [HK1\_TI\_CMD\_NUM] EQ 1COUNTUP  
0110 C.  
0111 +. TI 2024-04-06 11:23:59.5  
0112 DC 01-B2 DHU\_OP\_START  
0113 C. [HK1\_TI\_CMD\_NUM] EQ 1COUNTUP  
0114 C.  
0115 C. \*  
0116 C. [HK1\_TI\_CMD\_ENA/DIS] EQ ENA  
0117 C. [HK1\_TI\_CMD\_NUM] EQ 4  
0118 C. [HK1\_NEXT\_EXEC\_PIM] EQ DHU  
0119 C. [HK1\_NEXT\_EXEC\_DC] EQ 0xB3  
0120 C.  
0121 . C. \*\*\*\*\*  
0122 C. TI \*  
0123 C. \*\*\*\*\*  
0124 C.  
0125 C. TI\_TBL(0x03AB00-0x03AEFF;\$ 1024byte)  
0126 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET  
0127 BC (03 ab 03 01 02)  
0128 C. [HK1\_DMP\_TOP\_ADRS\_1] EQ 07  
0129 C. [HK1\_DMP\_TOP\_ADRS\_0] EQ 2B  
0130 C. [HK1\_DMP\_BLOCK\_NUM] EQ 3  
0131 C. [HK1\_DMP\_REPEAT\_NUM] EQ 0  
0132 C. [HK1\_DMA\_DMP\_PIM] EQ DHU  
0133 +. DC 01-22 DHU\_MODE\_CHNG  
0134 BC (07 0b f8)  
0135 C. [HK1\_PKT\_FORM\_NO] EQ 7  
0136 C. [HK1\_PKT\_GEN\_TIME] EQ 0.25 s  
0137 C. [HK1\_S\_TLM\_BIT\_RATE] EQ 32k  
0138 C. [HK1\_X\_TLM\_BIT\_RATE] EQ 4M  
0139 C. [HK1\_DMP\_CHK\_FLG] EQ EXEC  
0140 C.  
0141 . C. \*  
0142 C. [HK1\_DMP\_CHK\_FLG] EQ NON  
0143 C.  
0144 . C. RAM ID=TI\_TBL\* \*  
0145 C.  
0146 . C. DHU \*  
0147 +. DC 01-22 DHU\_MODE\_CHNG  
0148 BC (02 0a f8)  
0149 C. [HK1\_PKT\_FORM\_NO] EQ 2  
0150 C. [HK1\_PKT\_GEN\_TIME] EQ 0.5S  
0151 C. [HK1\_S\_TLM\_BIT\_RATE] EQ 32K  
0152 C. [HK1\_X\_TLM\_BIT\_RATE] EQ 4M  
0153 C.  
0154 C. \*\*\*\*\*  
0155 C. SOT TI command set  
0156 C. \*\*\*\*\*  
0157 C. Execute, after the success of OP upload.  
0158 +. TI 2024-04-06 11:23:16.0  
0159 DC 07-F0 MDP\_SOT\_MODE\_STBY  
0160 BC (41)  
0161 . C. -----  
0162 C. HK1\_TI\_CMD\_NUM = 1 CNTUP [ ]  
0163 C. -----  
0164 C. \*\*\*\*\* SOT END \*\*\*\*\*  
0165 . C. Stop EIS observation and temporarily disable EIS mode changes  
0166 C.  
0167 C.  
0168 C. \*\*\*\*\* Start EIS operation (TI set) \*\*\*\*\*  
0169 C. Execute, after the success of OP upload.  
0170 C. Set EIS TI-commands  
0171 +. TI 2024-04-06 11:23:30.0  
0172 DC 07-FC EIS\_MODE\_MANU  
0173 BC (21 02)  
0174 +. TI 2024-04-06 11:23:40.0  
0175 DC 07-FC EIS\_MODE\_CHG\_DIS  
0176 BC (22)  
0177 . C. [ ] [HK1\_TI\_CMD\_NUM] EQ 2 COUNTUP  
0178 C. \*\*\*\*\* End EIS operation (TI set) \*\*\*\*\*  
0179 C.  
0180 C.  
0181 C.  
0182 C. \*\*\*\*\* XRT START \*\*\*\*\*  
0183 C. Execute, after the success of OP upload.  
0184 +. TI 2024-04-06 11:23:00.0  
0185 DC 07-F0 MDP\_XRT\_MODE\_STBY  
0186 BC (c3)  
0187 . C. [ ] [HK1\_TI\_CMD\_NUM] EQ 1COUNTUP  
0188 C.  
0189 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0190 C.  
0191 . C. \*\*\*\*\* MDP \*  
0192 C. (\* \* \* \* \*)  
0193 . S. DC-BC dcbc-402:DCBC

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥Ð¥¹•Ï Daily±;ÍÑ«Ë'Ø«¹«èDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-486 2024-04-06 12:45:58 169 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY~¼Á»Û;ä
0005 C.
0006 C. YÀYß;¼Y³YDÝÓYÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëµ¿µÄµ•µ°Ë>Í×ÁÇµÍYÇYÁY×Yí;¼YÉ;ËËÈµ•íÍË;ËËÈ¼°ÇÖµ•µ¿¼í¹ÇµÍ; ÇÀ®, ùµ¹µÈµDµÇÁ÷¿®µ•µËµµµ³µÈ; £
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿µ;ON
0016 C. *****
0017 C. Ç¨ °ËÀ, Í×ËÝµÄLOSµDµÇµÍ»p´Öµò¹íÍ, µ•; ÇÉÖÍ×µËXÁÓONµÍ¹ÖµËµÍµËµµµ³µÈ; £
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. XYDÝÓYÉYíYÁY~¾ÖÁÖµ¬°ÄÄÈµ•µ¿µé; Ç°Ë²¼µÍ°ËÀ, ¼È½Çµò¼Á¹Öµ¹µé; £
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ËÀ,
0033 C. *****
0034 C. Ç¨ RESTART;ËPT1;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°Ë²¼µÍ¼Á¹Öµµ°; ÇDCBC-150µØ¿ËÈµà; £
0035 C.
0036 . C. ;ãPT1°ËÀ, ³«»Í;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. ÇÇ [HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö, ;¼Ú)
0043 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0044 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYÓYÉYËÀÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ËÀ, °Ë³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ÇÇ [HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö, ;¼Ú)
0050 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0051 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ËÀ, µ¬¼«°ËÀ»ßµ•µ¿, á; Ç°Ë²¼µò¼Á¹Öµ¹µé; £
0055 C. YÇYÓYÉYËÀÚÁØµÄÁ•Á°²óÈòµ¬¼áµ¾¼í¹ÇµÍ´°Í°Í»µ¹µÈµDµÇÁÖµÄ; £
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ËÀ,
0059 C. *****
0060 C. Ç¨ RESTART;ËPT2;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°Ë²¼µÍ¼Á¹Öµµ°; ÇDCBC-151µØ¿ËÈµà; £
0061 C.
0062 . C. ;ãPT2°ËÀ, ³«»Í;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. ÇÇ [HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö, ;¼Ú)
0069 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0070 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYÓYÉYËÀÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ËÀ, °Ë³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ÇÇ [HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö, ;¼Ú)
0076 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0077 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ËÀ, Áä»ß; ÇXÁ÷¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ËÀ, Áä»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ÇÇ [HK1_REP_STA/STP] EQ STOP
0087 C. ÇÇ [HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ÷¿µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ÇÇ [HK1_XMOD_ON/OFF] EQ OFF
0095 C. ÇÇ [HK1_XPA_ON/OFF] EQ OFF
```

```

0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 9s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-821:EIS_OBSTBL
0141 ()
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2024-04-06 11:23:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP 'uAÎI»ö¼YnEÄDn¹nëDCBC•x²è *****
0156 C. (%ã°iYÓYÄYÉYÐYËYÄYÇYÈnÈ¼n¼Ä»Ün¹në)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** YÐY¹•I Daily±çÍÑnÈ'Øn¹nëDCBC•x²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOS¥Á¥S¥Ä¥~¼Ä»Ü;ä
0167 C.
0168 . C. ***** LOS *****
0169 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-487 2024-04-06 12:45:58 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Ü;ä
0005 C.
0006 C. YÁY$;¼Y³YD¥óYÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼¿¼Á¼•µ°Æ»Í×ÁÇ¼ÍYçYÁY×Yí;¼YÉ;ËË½µ•íË;ËËË°ÇÓ¼•¼¿¼¹Ç¼Í;çÁ®, ù¼¹¼È¼D¼ÇÁ÷¿®¼¼¼È¼¼¼¼¼È;É
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-287: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 2024-04-06 11:23:18.0
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_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ()
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 05 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 06 85 83 06 06)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 07 80 80 20 20)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 08 80 80 20 08)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 09 80 80 08 20)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0a 80 80 08 08)
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)
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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 08)
0102 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0103 BC (c5 0e)
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 2024-04-06 11:23:02.0
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 `ûÃîñî»ö¼ÝñËÃÐñ¹ñèDCBC•x²è *****
0119 C. (¼â°îÝÓÝÃÝËÝÐÝËÝÃÝÇÝéñË¼ñ¼Ã»Üñ¹ñè)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 C.
0123 C.
0124 . C. ***** ¥Ð¥¹•İ Daily±;İÑñË'Øñ¹ñèDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 C.
0128 C.
0129 . C. ;ãLOS¥Á¥S¥Ã¥¹¼Ã»Ü;ã
0130 C.
0131 . C. ***** LOS *****
0132 C.

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

2024/04/06	11:33:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	11:33:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	11:33:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2024/04/06	11:34:00.0	AOCS_ORe-point_Start_1_OG [0x097]								
		AOCU_NM	5	02-76	04 03 74 01 db					
2024/04/06	11:34:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2024/04/06	11:34:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2024/04/06	11:34:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2024/04/06	11:34:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2024/04/06	11:34:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2024/04/06	11:36:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d					
2024/04/06	11:36:58.0	XRT_FL_PROG_SET_431_OG [0x1af]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f					
2024/04/06	11:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2024/04/06	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2024/04/06	16:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]								
		AOCU_NM	5	02-76	03 03 74 01 db					
2024/04/06	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2024/04/06	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2024/04/06	16:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2024/04/06	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2024/04/06	16:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2024/04/06	16:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d					
2024/04/06	16:02:58.0	XRT_FL_PROG_SET_431_OG [0x1af]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0f					
2024/04/06	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2024/04/06	18:22:24.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	18:22:26.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	18:22:28.0	XRT_FOCUS_POSITION_406_OG [0x196]								
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00					
2024/04/06	18:22:30.0	AOCS_ORe-point_Start_3_OG [0x099]								
		AOCU_NM	5	02-76	00 00 00 00 00					
2024/04/06	18:22:48.0	XRT_FLD_DIS_409_OG [0x199]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2024/04/06	18:22:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2024/04/06	18:22:52.0	XRT_ARS_DIS_435_OG [0x1b3]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2024/04/06	18:25:28.0	XRT_QT_PROG_SET_401_OG [0x191]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13					
2024/04/06	18:25:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2024/04/06	18:32:24.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	18:32:26.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2024/04/06	18:32:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2024/04/06	18:32:30.0	AOCS_ORe-point_Start_2_OG [0x098]								
		AOCU_NM	5	02-76	03 03 74 01 db					
2024/04/06	18:32:48.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2024/04/06	18:32:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2024/04/06	18:32:52.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2024/04/06	18:32:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2024/04/06	18:32:56.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2024/04/06	18:35:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05					
2024/04/06	18:35:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e					
2024/04/06	18:35:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2024/04/06	19:35:30.0	XRT_CTRL_MANU_400_OG [0x190]								



2024/04/06	19:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/06	19:35:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/06	19:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/06	19:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/06	20:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/06	21:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/06	21:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/06	21:12:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/06	21:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/06	21:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/06	21:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/06	22:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/06	22:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/06	22:50:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/06	22:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/06	23:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/06	23:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/07	00:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/07	00:27:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/07	00:27:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/07	00:27:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/07	00:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/07	00:40:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/07	00:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/07	01:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/07	01:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/07	01:56:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/07	01:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/07	02:10:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/07	02:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/07	03:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/07	03:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/07	03:26:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/07	03:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/07	03:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/07	03:47:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/07	04:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/07	04:05:26.0	XRT_FOCUS_RECALIBRATE_405_OG [0x195]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/07	04:05:30.0	XRT_FOCUS_RECAL	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/07	04:05:30.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2024/04/07	04:09:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2024/04/07	04:09:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2024/04/07	04:09:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2024/04/07	04:09:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2024/04/07	04:09:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2024/04/07	04:09:54.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/07	04:09:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2024/04/07	04:09:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2024/04/07	04:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/07	04:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/07	04:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da

2024/04/07	04:54:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	04:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	05:23:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	05:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	06:05:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	06:05:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/04/07	06:05:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/04/07	06:05:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/04/07	06:05:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/07	06:08:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2024/04/07	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	06:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	06:15:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2024/04/07	06:15:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 03 74 01 db	
2024/04/07	06:15:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/04/07	06:15:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/04/07	06:15:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/04/07	06:15:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/07	06:15:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	06:18:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2024/04/07	06:18:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2024/04/07	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	06:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	06:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	06:34:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	06:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	07:01:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	07:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	08:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	08:14:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	08:14:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	08:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	08:38:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	08:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	08:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	08:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	08:47:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	08:48:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	08:49:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	08:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	09:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	09:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	09:54:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	09:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	10:14:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	10:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	10:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2024/04/07	10:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	10:25:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	10:27:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	10:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	10:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	11:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	11:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	11:36:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	11:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	11:42:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	11:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	12:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	12:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	12:03:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	12:06:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	12:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	12:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	13:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	13:41:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	13:41:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	13:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	13:44:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	13:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	15:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	15:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	15:19:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	15:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	15:30:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	15:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	16:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	16:56:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/07	16:56:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/07	16:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/07	17:19:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/07	17:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/04/07	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2024/04/07	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/04/07	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/04/07	18:00:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/07	18:02:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2024/04/07	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/07	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/07	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2024/04/07	18:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 03 74 01 db	
2024/04/07	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/04/07	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					

2024/04/07	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/04/07	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/04/07	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/04/07	18:12:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2024/04/07	18:12:58.0	XRT_FL_PROG_SET_431_OG [0x1af]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0f	
2024/04/07	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/07	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/07	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/07	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2024/04/08	00:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 03	74 01 db	
2024/04/08	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2024/04/08	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2024/04/08	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/04/08	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/04/08	00:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/04/08	00:02:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2024/04/08	00:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2024/04/08	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	02:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	02:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/04/08	02:25:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/04/08	02:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2024/04/08	02:43:30.0	XRT_Custom_430_OG [0x1ae]						
2024/04/08	02:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	02:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	02:46:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/04/08	02:46:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/04/08	02:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2024/04/08	02:51:30.0	XRT_Custom_430_OG [0x1ae]						
2024/04/08	02:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	03:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	03:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/04/08	03:59:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/04/08	04:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2024/04/08	04:08:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	04:08:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	04:08:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2024/04/08	04:08:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00	00 00 00	
2024/04/08	04:08:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2024/04/08	04:08:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2024/04/08	04:08:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/04/08	04:08:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/04/08	04:08:56.0	XRT_FLD_RESET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/04/08	04:20:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12	
2024/04/08	04:20:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2024/04/08	04:21:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	05:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2024/04/08	05:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/08	05:29:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/08	05:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/08	05:57:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/08	05:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/08	06:08:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	06:08:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	06:08:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/04/08	06:08:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/04/08	06:08:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/04/08	06:08:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/08	06:11:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2024/04/08	06:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/08	06:18:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	06:18:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	06:18:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2024/04/08	06:18:30.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 03 74 01 db	
2024/04/08	06:18:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/04/08	06:18:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/04/08	06:18:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/04/08	06:18:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/08	06:18:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/08	06:21:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2024/04/08	06:21:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2024/04/08	06:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/08	07:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	07:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/08	07:09:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/08	07:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/08	07:34:30.5	XRT_Custom_430_OG [0x1ae]					
2024/04/08	07:35:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/08	08:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	08:24:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	08:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/04/08	08:25:00.0	AOCs_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 25 f3 b5 cb	
2024/04/08	08:25:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/04/08	08:25:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/04/08	08:25:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/04/08	08:25:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/08	08:25:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/08	08:27:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04	
2024/04/08	08:27:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2024/04/08	08:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/08	08:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/08	08:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/08	08:49:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/08	08:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/08	09:11:30.0	XRT_Custom_430_OG [0x1ae]					

2024/04/08	09:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	10:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	10:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/04/08	10:29:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2024/04/08	10:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2024/04/08	10:46:30.5	XRT_Custom_430_OG [0x1ae]						
2024/04/08	10:47:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	14:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	14:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2024/04/08	14:30:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 4a 35 f7 03		
2024/04/08	14:30:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/04/08	14:30:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/04/08	14:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/04/08	14:30:24.0	XRT_ARS_DIS_403_OG [0x193]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/04/08	14:32:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2024/04/08	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	16:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	16:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	16:34:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2024/04/08	16:35:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 52 a7 00 00		
2024/04/08	16:35:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/04/08	16:35:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/04/08	16:35:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/04/08	16:35:24.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/04/08	16:40:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09		
2024/04/08	16:41:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	17:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	17:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	17:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2024/04/08	17:20:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2024/04/08	17:20:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/04/08	17:20:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/04/08	17:20:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/04/08	17:22:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2024/04/08	17:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	17:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	17:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/04/08	17:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2024/04/08	17:30:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 4a 35 f7 03		
2024/04/08	17:30:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/04/08	17:30:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/04/08	17:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/04/08	17:30:24.0	XRT_ARS_DIS_403_OG [0x193]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/04/08	17:32:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2024/04/08	17:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/04/08	19:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2024/04/08	19:29:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	19:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2024/04/08	19:30:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00
2024/04/08	19:30:18.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2024/04/08	19:30:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2024/04/08	19:30:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2024/04/08	19:30:24.0	XRT_ARS_DIS_403_OG [0x193] MDP_XRT_ARS_DIS	1	07-F0	d5
2024/04/08	19:32:58.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2024/04/08	19:33:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/08	19:54:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	19:54:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	19:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2024/04/08	19:55:18.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2024/04/08	19:55:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2024/04/08	19:55:22.0	XRT_ARS_DIS_435_OG [0x1b3] MDP_XRT_ARS_DIS	1	07-F0	d5
2024/04/08	19:57:58.0	XRT_QT_PROG_SET_401_OG [0x191] MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2024/04/08	19:58:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/08	20:04:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	20:04:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	20:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2024/04/08	20:05:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 25 f3 b5 cb
2024/04/08	20:05:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2024/04/08	20:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2024/04/08	20:05:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2024/04/08	20:05:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2024/04/08	20:05:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/08	20:07:56.0	XRT_QT_PROG_SET_418_OG [0x1a2] MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2024/04/08	20:07:58.0	XRT_FL_PROG_SET_439_OG [0x1b7] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2024/04/08	20:08:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/08	20:43:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	20:43:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/08	20:43:04.0	XRT_PREFLR_STRT_433_OG [0x1b1] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/08	20:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/08	21:06:00.0	XRT_Custom_430_OG [0x1ae]			
2024/04/08	21:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/08	22:20:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	22:20:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/08	22:20:04.0	XRT_PREFLR_STRT_433_OG [0x1b1] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/08	22:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/08	22:43:00.0	XRT_Custom_430_OG [0x1ae]			
2024/04/08	22:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/08	23:57:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/04/08	23:57:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2024/04/08	23:57:34.0	XRT_PREFLR_STRT_433_OG [0x1b1] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/04/09	00:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/04/09	00:17:30.0	XRT_Custom_430_OG [0x1ae]			
2024/04/09	00:18:30.5	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/04/09	01:34:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1

2024/04/09	01:34:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	01:34:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	01:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	01:48:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	01:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	02:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	02:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	02:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2024/04/09	02:10:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 03 74 01 db	
2024/04/09	02:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/04/09	02:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/04/09	02:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/04/09	02:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/09	02:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	02:12:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2024/04/09	02:12:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2024/04/09	02:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	02:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	02:57:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	02:57:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	03:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	03:17:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	03:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	03:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	03:18:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	03:18:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	03:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	03:27:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	03:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	03:36:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	03:36:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	03:36:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/04/09	03:37:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2024/04/09	03:37:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/04/09	03:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/04/09	03:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/04/09	03:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/09	03:37:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	03:39:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2024/04/09	03:39:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2024/04/09	03:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	04:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	04:30:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	04:30:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	04:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	04:54:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	04:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	04:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	04:56:32.0	XRT_FLD_RESET_415_OG [0x19f]					



2024/04/09	04:56:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	04:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	05:05:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	05:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	05:36:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	05:36:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	05:36:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/04/09	05:37:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/04/09	05:37:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/04/09	05:37:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/09	05:39:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2024/04/09	05:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	05:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	05:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	05:46:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2024/04/09	05:47:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 03 74 01 db	
2024/04/09	05:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/04/09	05:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/04/09	05:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/04/09	05:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/04/09	05:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	05:49:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2024/04/09	05:49:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2024/04/09	05:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	06:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	06:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	06:03:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	06:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	06:31:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	06:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	06:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	06:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	06:35:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	06:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	06:43:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	06:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	07:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	07:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	07:44:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	07:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	08:08:30.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	08:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	08:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/04/09	08:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/04/09	08:13:04.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/04/09	08:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/04/09	08:22:00.0	XRT_Custom_430_OG [0x1ae]					
2024/04/09	08:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/04/09	09:23:30.0	XRT_CTRL_MANU_400_OG [0x190]					

2024/04/09	09:23:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2024/04/09	09:23:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2024/04/09	09:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2024/04/09	09:45:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2024/04/09	09:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2024/04/09	09:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2024/04/09	09:51:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2024/04/09	09:51:34.0	XRT_PREFLR_STRT_433_OG [0x1b1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2024/04/09	09:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2024/04/09	10:00:30.0	XRT_Custom_430_OG [0x1ae]							
2024/04/09	10:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2024/04/09	12:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2024/04/09	12:09:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00			