

XRT Timeline to be uploaded on 2024/07/04

Period: 2024/07/04 10:57:00 - 2024/07/09 11:01:00

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Normal mode

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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(128/5792)

Term	Pointing (x, y)	Comment
07/04 11:49:00 - 07/04 12:01:54	Fixed (0.0, 0.0)	HOP130 03/15
07/04 17:59:00 - 07/04 18:05:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min
07/05 05:42:30 - 07/05 05:49:24	Fixed (0.0, 0.0)	synoptic, shifted -20.5 min
07/05 17:38:30 - 07/05 17:45:24	Fixed (0.0, 0.0)	synoptic, shifted -24.5 min
07/06 06:00:30 - 07/06 06:07:24	Fixed (0.0, 0.0)	synoptic, shifted -2.5 min

PROG= 19 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= 26	1-time(s)	2.0sec										
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
Seqn= 99	1-time(s)	2.0sec										
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
Seqn= 83	1-time(s)	2.0sec										
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
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= 41	1-time(s)	2.0sec										
Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 17	1-time(s)	2.0sec										
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
Seqn= 33	1-time(s)	2.0sec										
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
Seqn= 75	1-time(s)	2.0sec										
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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CA7: AR - Filter-Ratio with thin-Be (long/short pairs) and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 120 ca

Term	Pointing (x, y)	Comment
07/04 16:43:00 - 07/04 17:16:30	Track (522.6, -194.0) @ 07/04 16:40:00	End of HOP130; HOP 409 (AR 13729)
07/04 18:09:00 - 07/05 03:59:54	Track (533.3, -193.6) @ 07/04 18:06:00	# HOP 409 (AR 13729)
07/05 05:52:30 - 07/05 17:35:24	Track (616.4, -190.3) @ 07/05 05:49:30	# HOP 409 (AR 13729)

PROG= 08 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	60-time(s)	120.0sec										
Seqn= 37	1-time(s)	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
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 59	1-time(s)	2.0sec										
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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 wat

Term	Pointing (x, y)	Comment
07/05 04:03:00 - 07/05 05:39:24	Fixed (0.0, 0.0)	HOP 349

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 #1C97: AR - Filter-Ratio with thin-Be (long/short pairs) and Med-Be (short) with PFB, 384x384 at 1064 1048, with G-band (1ms/1ms VLS=CLS), 60 cad

Term	Pointing (x, y)	Comment
07/05 17:48:30 - 07/06 00:23:30	Track (692.6, -186.3) ^{07/05 17:45:30} # HOP 409 (AR 13729)	

PROG= 20 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec													
Seqn= 92 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2 120-time(s) 60.0sec													
Seqn= 37 1-time(s) 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
	med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 59 1-time(s) 2.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
	med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
	med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CD9: HOP393 - 4x4 - Full Sun double long/short pair AEC 2/3 - Al-poly - Dark (512ms) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s

Term	Pointing (x, y)	Comment
07/06 00:54:30 - 07/06 03:32:00	Fixed (-17.0, -131.0) HOP 393	

PROG= 13 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
	Al-poly/Open	Al-poly/Open	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Subr= 2 30-time(s) 360.0sec													
Seqn= 97 2-time(s) 2.0sec													
	Al-poly/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	med-Be/Open	close	Safe	Norm	500ms	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	

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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) + GB

Term	Pointing (x, y)	Comment
07/04 16:43:00 - 07/04 17:16:30	Track (522.6, -194.0) ^{07/04 16:40:00} End of HOP130; HOP 409 (AR 13729)	
07/04 18:09:00 - 07/05 03:59:54	Track (533.3, -193.6) ^{07/04 18:06:00} # HOP 409 (AR 13729)	
07/05 04:03:00 - 07/05 05:39:24	Fixed (0.0, 0.0) HOP 349	

07/05 05:52:30 - 07/05 17:35:24 Track (616.4, -190.3) @ 07/05 05:49:30 # HOP 409 (AR 13729)
 07/05 17:48:30 - 07/06 00:23:30 Track (692.6, -186.3) @ 07/05 17:45:30 # HOP 409 (AR 13729)
 07/06 00:54:30 - 07/06 03:32:00 Fixed (-17.0, -131.0) HOP 393
 07/06 04:11:00 - 07/06 05:57:24 Fixed (0.0, 0.0) HOP 349

PROG= 14 30-time(s)

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

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Active Region Search

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NOT USED

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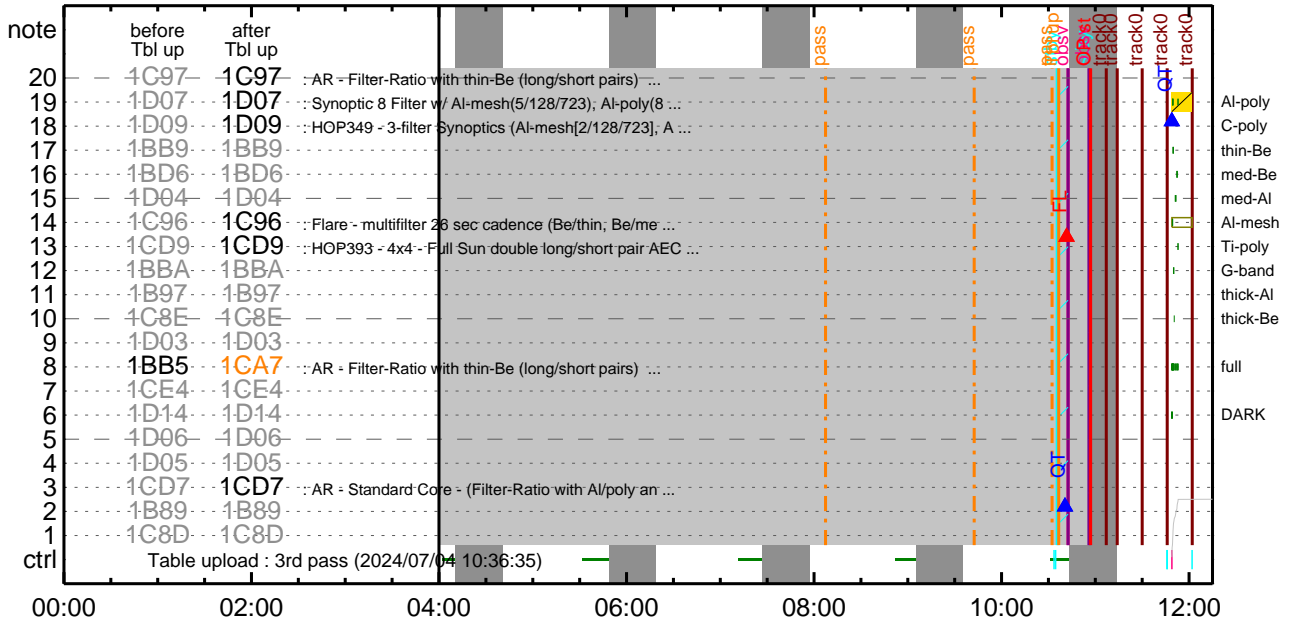
Flare Detection

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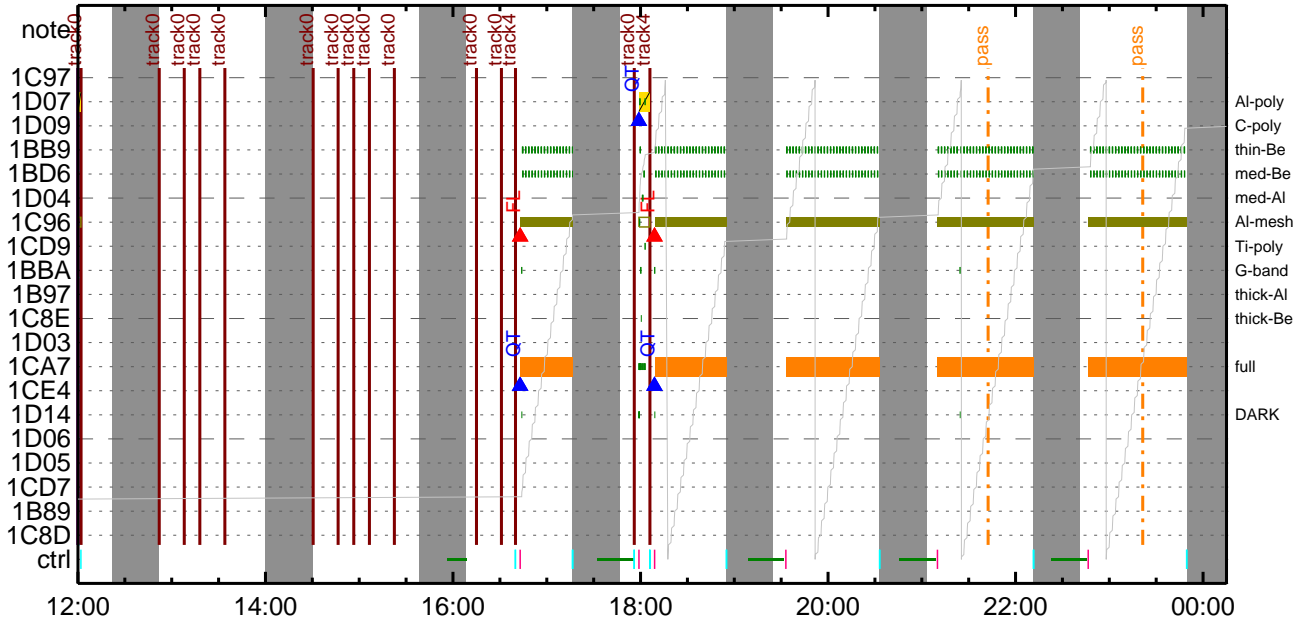
FLD Patrol

Term	Pointing (x, y)	Comment												
07/04 10:37:35 - 07/04 11:46:18	cannot be identified													
07/04 16:40:18 - 07/04 17:56:18	Track (522.6, -194.0) @ 07/04 16:40:00	End of HOP130; HOP 409 (AR 13729)												
07/04 18:06:18 - 07/05 05:39:48	Track (533.3, -193.6) @ 07/04 18:06:00	# HOP 409 (AR 13729)												
07/05 05:49:48 - 07/05 17:35:48	Track (616.4, -190.3) @ 07/05 05:49:30	# HOP 409 (AR 13729)												
07/05 17:45:48 - 07/06 05:57:48	Track (692.6, -186.3) @ 07/05 17:45:30	# HOP 409 (AR 13729)												
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			

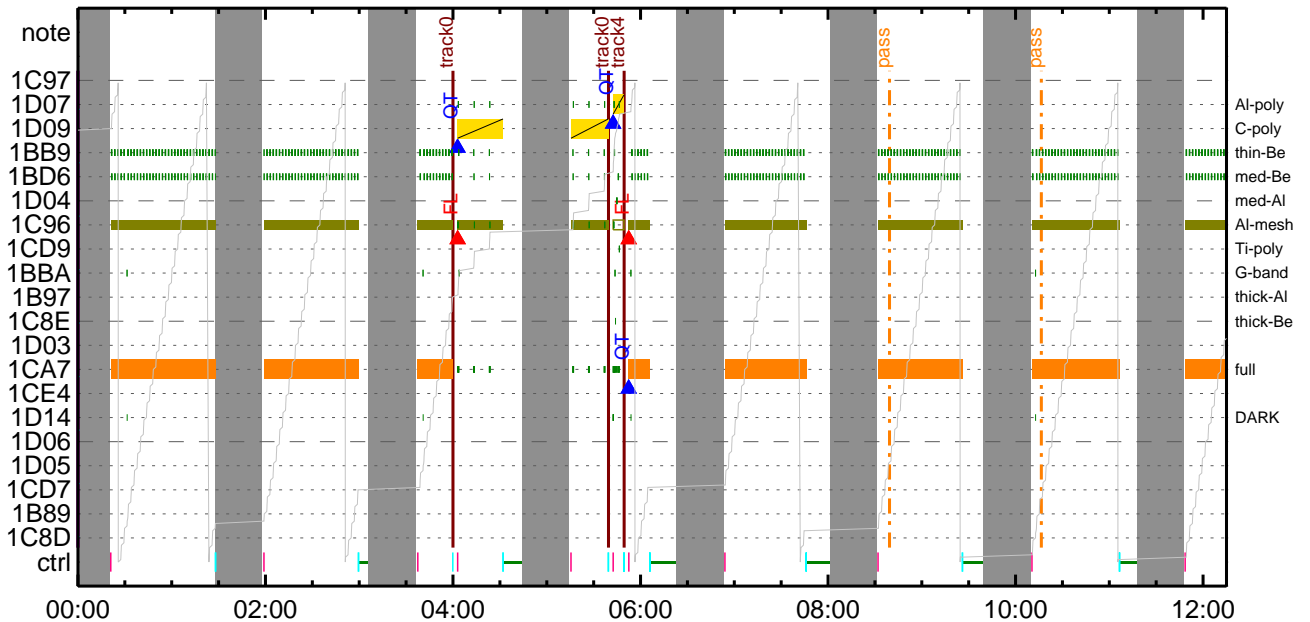
CMDI #0939 2024/07/04



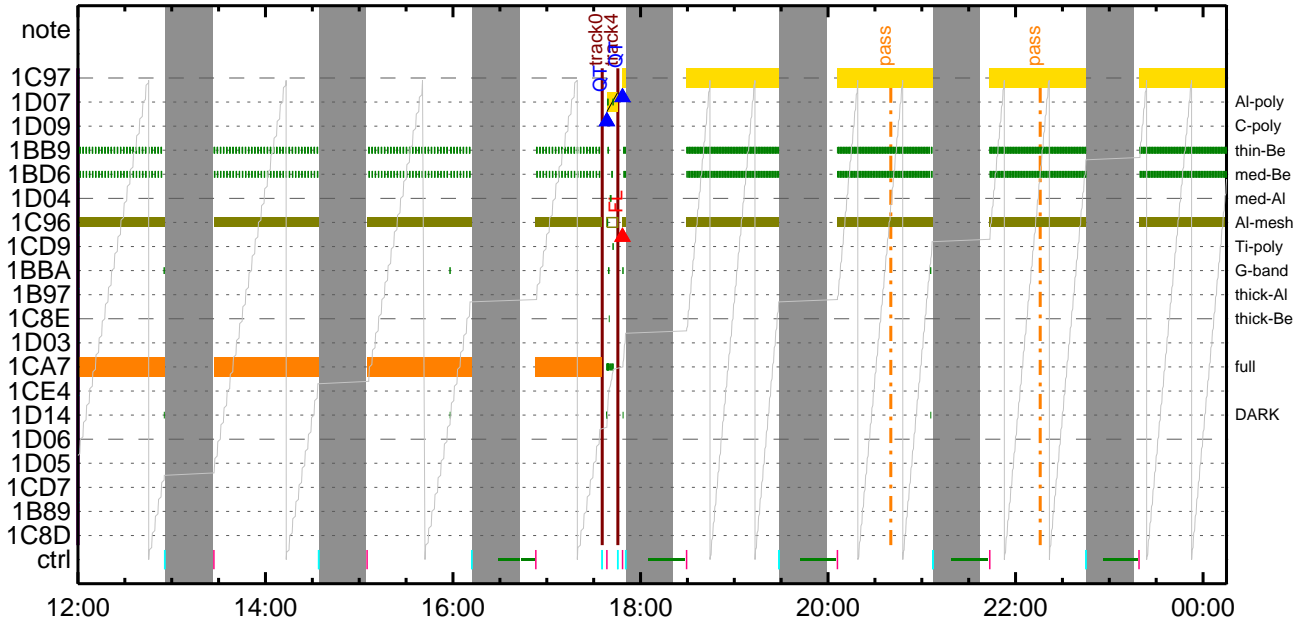
CMDI #0939 2024/07/04



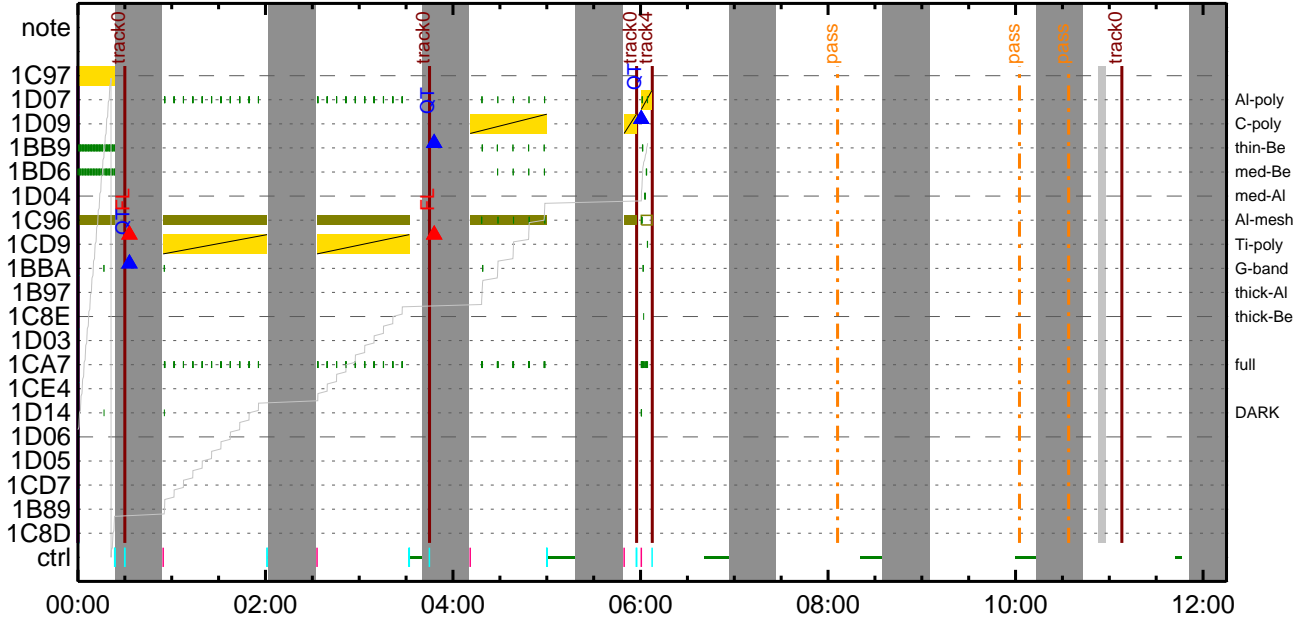
CMDI #0939 2024/07/05



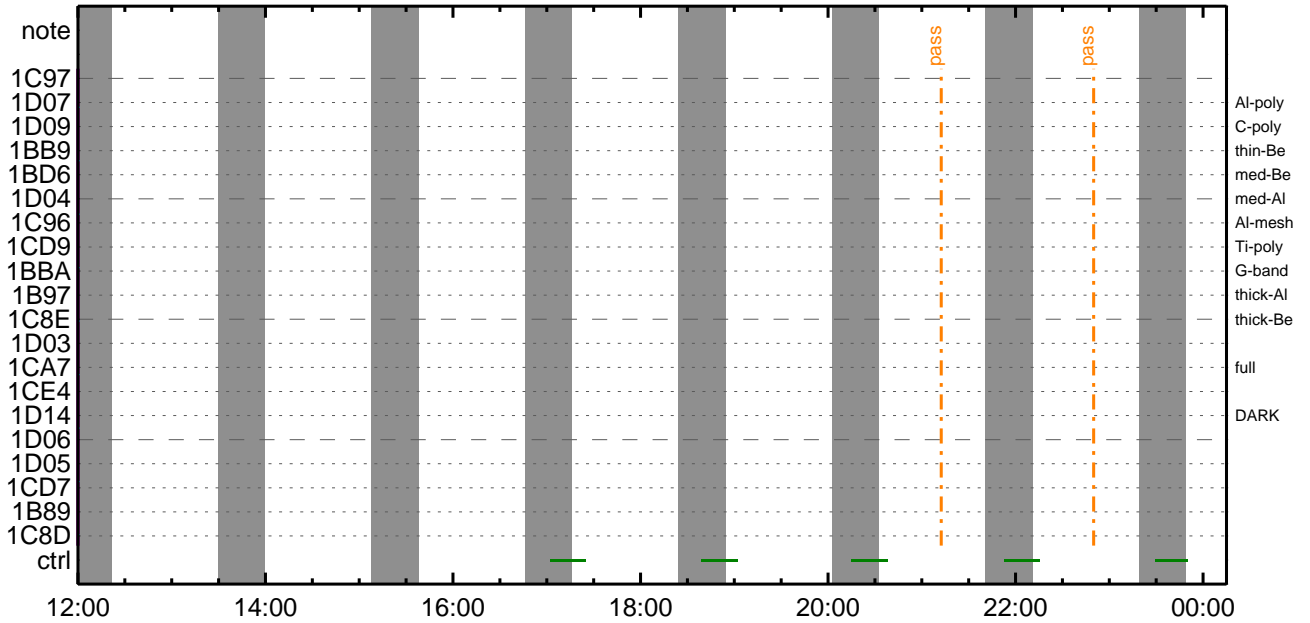
CMDI #0939 2024/07/05



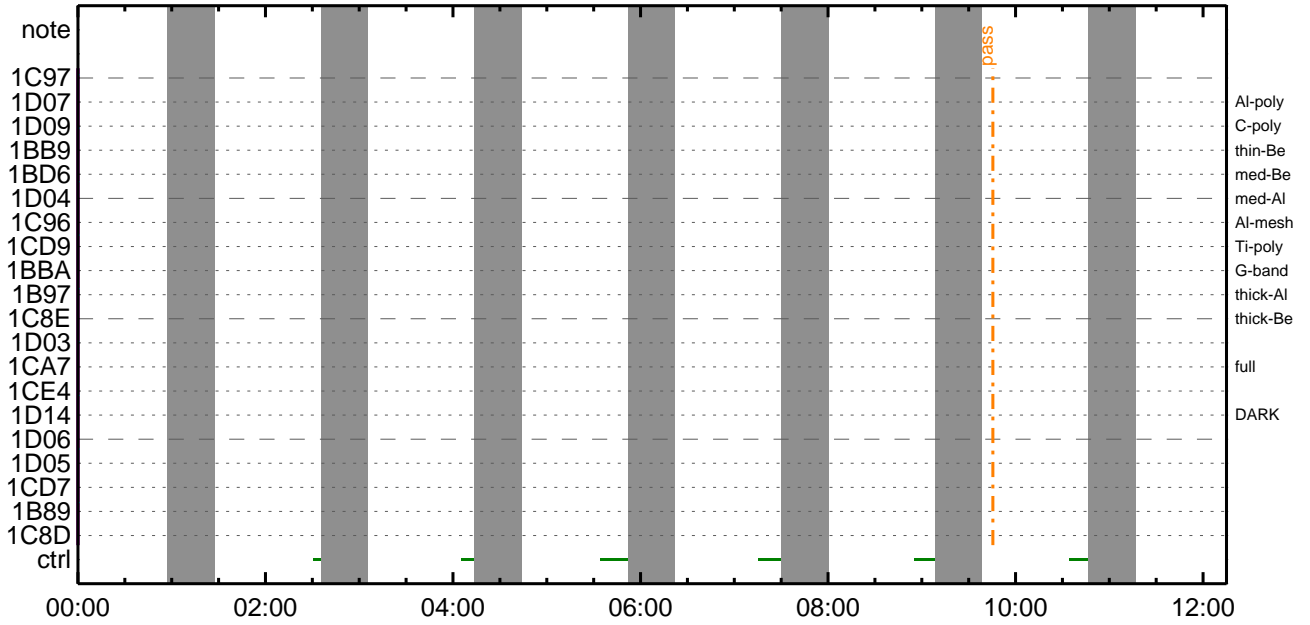
CMDI #0939 2024/07/06



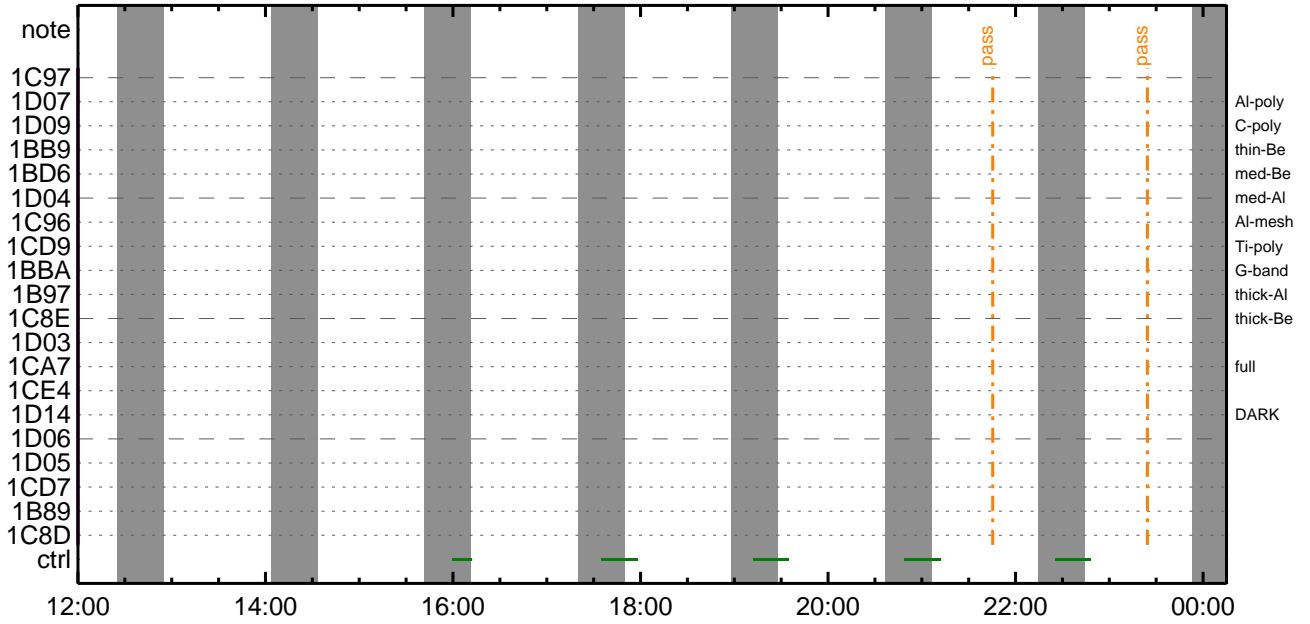
CMDI #0939 2024/07/06



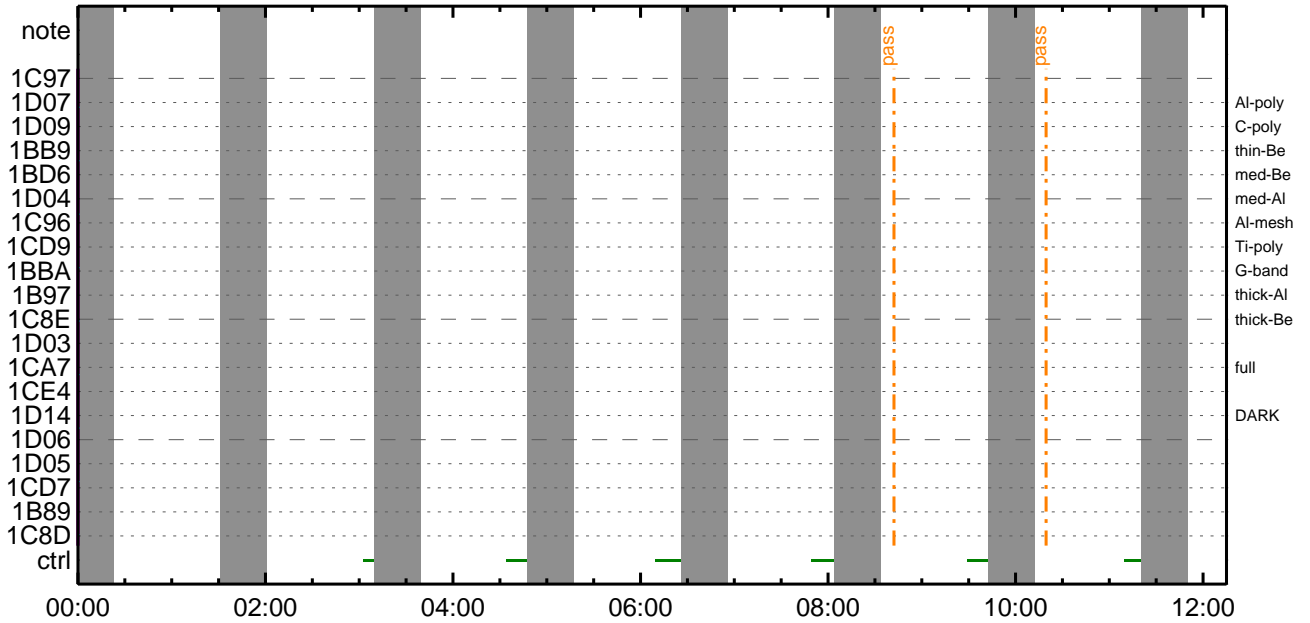
CMDI #0939 2024/07/07



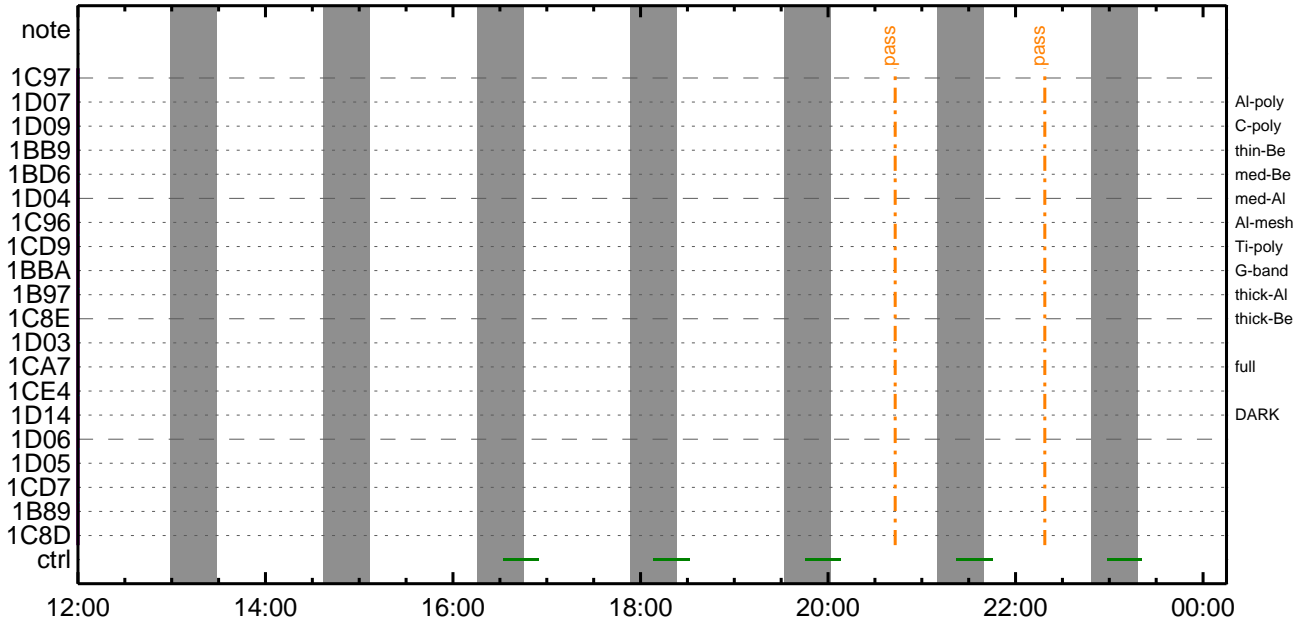
CMDI #0939 2024/07/07



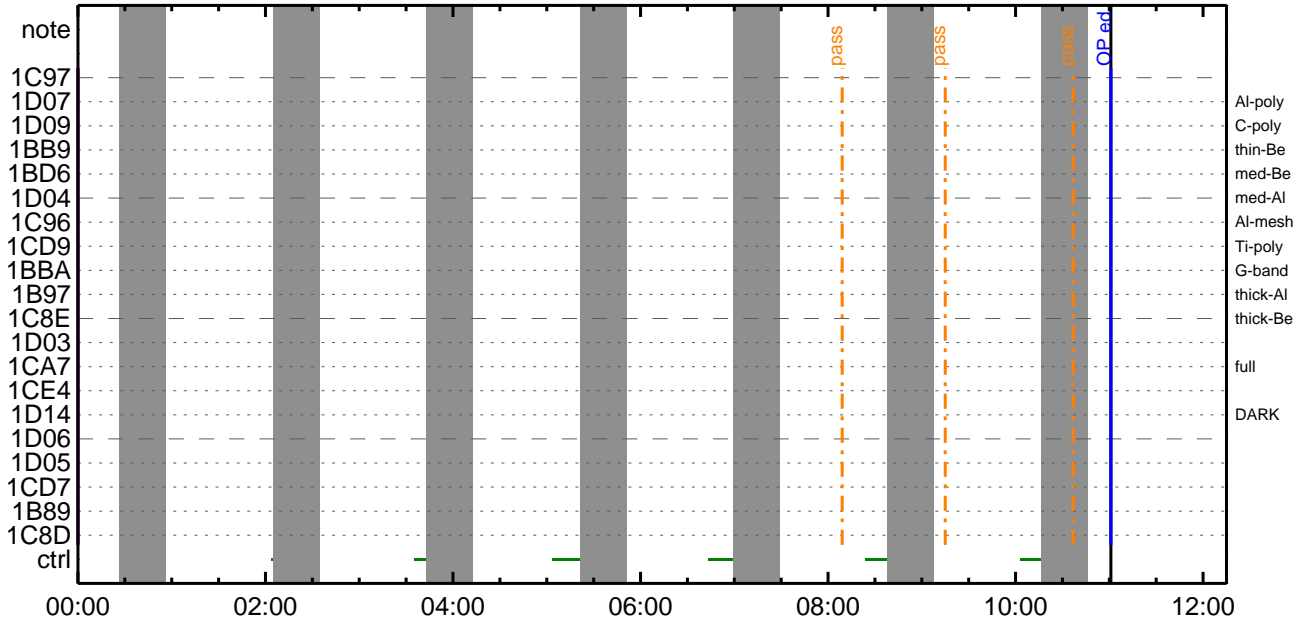
CMDI #0939 2024/07/08



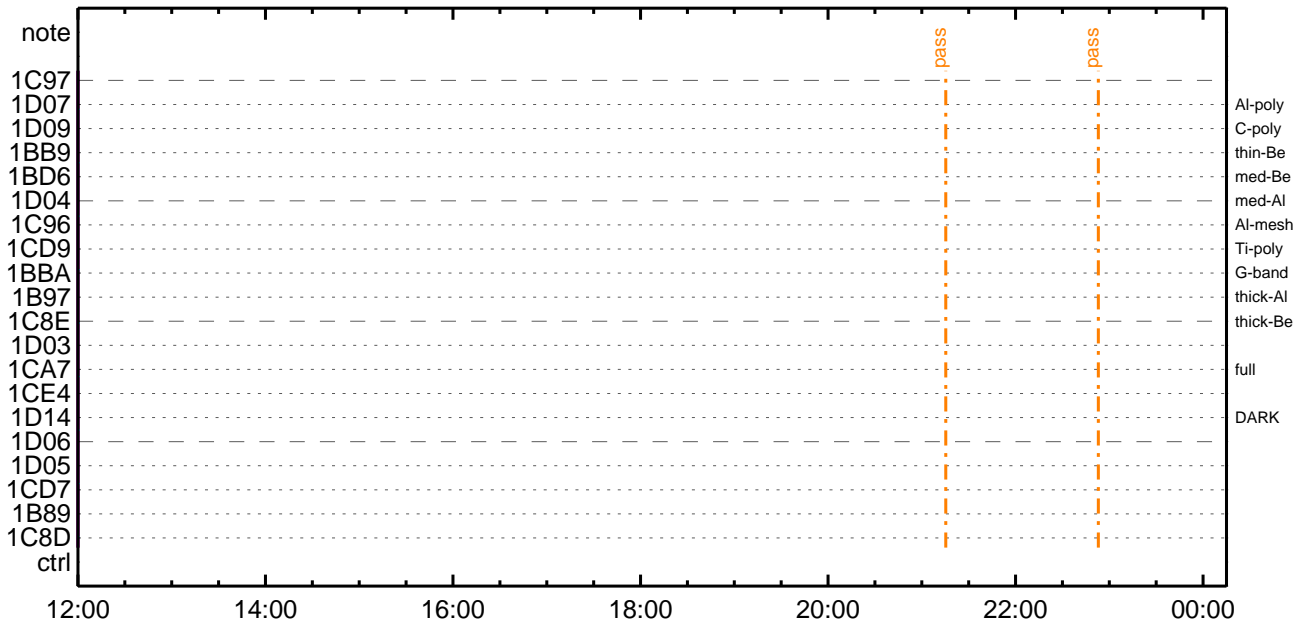
CMDI #0939 2024/07/08



CMDI #0939 2024/07/09



CMDI #0939 2024/07/09



(a) Spacecraft Operation Procedure (real-commands)

```
main-667 2024-07-04 15:04:30 278 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSÿÁÿSÿÄÿ-¼Ä»Û;ä
0005 C.
0006 C. ÿÀÿß;¼ÿ³ÿÐÿóÿÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;ËçµÄñ•µ°Ë»Í×ÁÇµÍÿçÿÄÿ×ÿÿí;¼ÿÉ;ËËÈµ•ííË;ËËÈ¼°ÇÖñ•ñç¼í¹çñí;çÀ®, ùñ¹ñÈñÐñÇÄ÷ç®ñ•ñËñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷çµ;ON
0016 C. *****
0017 C. ç° ðÈÀ, í×ËÿñÄLOSñÐñÇñí»p´òñò¹íí, ñ•; çÉÖÍ×ñÈXÁÓONñí¹òñÈñíñËñññ³ñÈ;£
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. XÿÐÿóÿÉÿÿíÿÿÿ-¾òÄÖñ-°ÄÄêñ•ñç;ñé; ç°Ë²¼ñí°ËÄ, ¼ê½çñò¼Ä¹òñ¹ñé;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äí¼í°ËÄ,
0033 C. *****
0034 C. ç° RESTART;ËPT1;Ëñ•ñçµ¼í¹çñí; ç°Ë²¼ñí¼Ä¹òñ»ñ°; çDCBC-150ñØçËñà;£
0035 C.
0036 . C. ;ãPT1°ËÄ, 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 (¼Ä¹ò, ;¼Ú)
0043 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹ò, ;¼Ú)
0044 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹ò, ;¼Ú)
0045 C.
0046 . C. ;ãÿçÿóÿËÿËÿËÿÄÿËÿËÿÄÿ°²óÈò;Ë, ãñí°ËÄ, °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 (¼Ä¹ò, ;¼Ú)
0050 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹ò, ;¼Ú)
0051 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹ò, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ËÄ, ñ-¼«°ËÄ»ññ•ñç, ã; ç°Ë²¼ñò¼Ä¹òñ¹ñé;£
0055 C. ÿçÿóÿËÿËÿËÿËÿÄÿËÿËÿÄÿ°²óÈòñ-¶áñ¾í¹çñí´°í´°í»ñ¹ñÈñÐñÇÄñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äí¼í°ËÄ,
0059 C. *****
0060 C. ç° RESTART;ËPT2;Ëñ•ñçµ¼í¹çñí; ç°Ë²¼ñí¼Ä¹òñ»ñ°; çDCBC-151ñØçËñà;£
0061 C.
0062 . C. ;ãPT2°ËÄ, 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 (¼Ä¹ò, ;¼Ú)
0069 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹ò, ;¼Ú)
0070 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹ò, ;¼Ú)
0071 C.
0072 . C. ;ãÿçÿóÿËÿËÿËÿÄÿËÿËÿÄÿ°²óÈò;Ë, ãñí°ËÄ, °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 (¼Ä¹ò, ;¼Ú)
0076 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹ò, ;¼Ú)
0077 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹ò, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ËÄ, Äã»ñ; çXÁ÷çµ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ËÄ, Äã»ñ;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÷çµ;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
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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGŸí;¼ŸÉ;¼ŸŸóŸ×
0100 C. *****
0101 C.
0102 C. ;ãOP/OGŸí;¼ŸÉ;ã
0103 S. OP op-667:OP
0104 ( )
0105 S. OG og-667:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPíî°èŸŸŸóŸ×;ã
0109 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç [HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç [HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç [HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç [HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç [HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç [HK1_PKT_FORM_NO] EQ 7
0120 C. çç [HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç [HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç [HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç [HK1_DMP_CHK_FLG] EQ EXEC
0124 C. ŸŸŸóŸ×½ª î»ð³ îÇŞ
0125 C. çç [HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG¼î¾Ē¹ç•ĕ² îOK¼ð³ îÇŞ
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç [HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç [HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç [HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç [HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç [HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç [HK1_PKT_FORM_NO] EQ 7
0139 C. çç [HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç [HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç [HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç [HK1_DMP_CHK_FLG] EQ EXEC
0143 C. ŸŸŸóŸ×½ª î»ð³ îÇŞ
0144 C. çç [HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG¼î¾Ē¹ç•ĕ² îOK¼ð³ îÇŞ
0146 C.
0147 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç [HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç [HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç [HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç [HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç [HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç [HK1_PKT_FORM_NO] EQ 7
0158 C. çç [HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç [HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç [HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç [HK1_DMP_CHK_FLG] EQ EXEC
0162 C. ŸŸŸóŸ×½ª î»ð³ îÇŞ
0163 C. çç [HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP¼î¾Ē¹ç•ĕ² îOK¼ð³ îÇŞ
0165 C.
0166 C. ***** °Ē²¼¼¼î¾Ē¹ ħĀ°¼ĒĒ-¼°Ā÷:ç (¾Ā¼-ŸŸŸóŸ×¼ĕ½ç¼ðĀŌĀæ¼ç¼ªª¼°¼ĕ¾¼i¹ç¼ç¼ª) *****
0167 C. DHUŸã;¼ŸÉ;Ē¼Ÿ½,Ÿi;¼ŸÉ;Ē¼ĒĀ¼¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç [HK1_PKT_FORM_NO] EQ 2
0171 C. çç [HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç [HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç [HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;S OPOG UPLOAD¼-Ā÷:ç¼NG¼î¾Ē¹ç;ç°Ē²¼¼¼î¾Ē¹TI-CMDĀ÷:ç¼Ē¼Ā¹Ō¼•¼Ē¼¼¼³¼Ē;ç
0180 C. ¼P¼ç;çSET¼ĒDUMPE¼Ē±°¼ŸŸŸ¼ç¹Ō¼¼¼¼³¼Ē;ç
0181 C.
0182 C. TIŸ³ŸPŸóŸĒ¼ðĀĒĒ¼ (UT)
0183 +. TI 2024-07-04 10:52:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç [HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2024-07-04 10:52:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç [HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2024-07-04 10:52:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç [HK1_TI_CMD_NUM] EQ 1COUNTUP

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(a) Spacecraft Operation Procedure (real-commands)

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main-668 2024-07-04 15:04:30 169 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥S¥Á¥~¼Ä»Û;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;ËçµÄµ°µ»Í×ÁÇµÍ¥ç¥Á¥×¥í;¼¥É;ËËèµ°ííË;Ëµ¼°ÇÖµ°µç¼í¹ÇµÍ;çÀ®, ùµ¹µèµÐµÇÄ÷ç®µ°µËµµµ³µÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷çµ;ON
0016 C. *****
0017 C. ç¨ °ÆÀ, í×ËÝµÄLOSµÐµÇµÍ»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. X¥Ð¥ó¥É¥í¥Á¥~¾óÄÖµ°µËµË; ç°Ê²¼µí°ÆÀ, ¼è¼çµò¼Ä¹Öµ¹µË;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ÆÀ,
0033 C. *****
0034 C. ç¨ RESTART;ËPT1;Ëµ°µçµ¼¼í¹ÇµÍ; ç°Ê²¼µí°ÆÀ¹Öµ»µ°; çDCBC-150µØçËµà;£
0035 C.
0036 . C. ;ãPT1°ÆÀ, 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 (¼Ä¹Ö, ;¼Ú)
0043 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0044 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0045 C.
0046 . C. ;ã¥ç¥ó¥É¥ËÄÚÄØ;ËÄ°Ä°²óèò;Ë, áµí°ÆÀ, °Ê³«;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 (¼Ä¹Ö, ;¼Ú)
0050 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0051 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÆÀ, µ¼«°Ê°Äá»ßµ°µç, á; ç°Ê²¼µò¼Ä¹Öµ¹µË;£
0055 C. ¥ç¥ó¥É¥ËÄÚÄØµÄ°Ä°²óèòµ°µçµ¼¼í¹ÇµÍ´°í´°í»µ¹µèµÐµÇÄÖµÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ÆÀ,
0059 C. *****
0060 C. ç¨ RESTART;ËPT2;Ëµ°µçµ¼¼í¹ÇµÍ; ç°Ê²¼µí°ÆÀ¹Öµ»µ°; çDCBC-151µØçËµà;£
0061 C.
0062 . C. ;ãPT2°ÆÀ, 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 (¼Ä¹Ö, ;¼Ú)
0069 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0070 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0071 C.
0072 . C. ;ã¥ç¥ó¥É¥ËÄÚÄØ;ËÄ°Ä°²óèò;Ë, áµí°ÆÀ, °Ê³«;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 (¼Ä¹Ö, ;¼Ú)
0076 C. çç [HK1_REP_STA/STP] EQ START (¼Ä¹Ö, ;¼Ú)
0077 C. çç [HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÆÀ, Äá»ß; çXÁ÷çµ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÀ, Äá»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÷çµ;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
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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 39s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ()
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2024-07-04 10:56:50.0
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°iYÓYÄYÉYÐYËYÄYÇYÈnE½¼n¼Ä»Û¹në)
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»Û;ä
0167 C.
0168 . C. ***** LOS *****
0169 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-669 2024-07-04 15:04:30 100 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSÿÁÿSÿÄÿ^¼Ä»Û;ä
0005 C.
0006 C. ÿÀÿß;¼ÿ³ÿDÿóÿÉÄ;¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOSCS : Reload orbital element (send every contact) *****
0010 C. Áí;Ëñ¿¾Äñ•µ°È»Í×ÀÇñÍÿçÿÄÿ×ÿÿí;¼ÿÉ;ËËÈ¾µ•íÍË;ËÈÈ¼°ÇÏñ•ñ¿¼í¹ÇñÍ;çÀ®, ùñ¹ñÈñDñÇÄ;¿®ñ•ñÈñññ³ñÈ;ñ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ( )
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 85 83 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 80 80 08 08)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 06 06)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 10 80 80 08 08)
0058 + DC 07-F0 MDP_XRT_FLD_ENA
0059 BC (d8)
0060 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0061 BC (c8)
0062 + DC 07-F0 MDP_XRT_ARS_DIS
0063 BC (d5)
0064 + DC 07-F0 MDP_XRT_AEC_RESET
0065 BC (d0)
0066 + DC 07-F0 MDP_XRT_FLD_RESET
0067 BC (da)
0068 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0069 BC (c4 03)
0070 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0071 BC (c5 0e)
0072 . C. ----- Success Verify ? OK / NG ____
0073 C.
0074 C.
0075 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0076 C.
0077 +. DC 07-F0 MDP_XRT_MODE_OBSV
0078 BC (c2)
0079 +. TI 2024-07-04 10:56:02.0
0080 DC 07-F0 MDP_XRT_MODE_OBSV
0081 BC (c2)
0082 . C. ----- Success Verify ? OK / NG ____
0083 C.
0084 C. ***** XRT END *****
0085 C.
0086 . C. ***** MDP `ûÃÍñÎ»ô¾ÿñÈÄDñ¹ñèDCBC•×²è *****
0087 C. (¾ã°íÿóÿÄÿÿÉÿDÿÿÉÿáÿçÿÿèñÈ¾¾¼¾Ä»Ûñ¹ñè)
0088 . S. DC-BC dcbc-402:DCBC
0089 (MDP_known_event)
0090 C.
0091 C.
0092 . C. ***** ÿDÿ¹•Í Daily±¿ÍñÈ´Øñ¹ñèDCBC•×²è *****
0093 . S. DC-BC dcbc-153:DCBC
0094 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0095 C.

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0096 C.
0097 . C. ;ãLOS¥Á¥S¥Ã¥¼Å»Ü;ä
0098 C.
0099 . C. ***** LOS *****
0100 C.

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*** OP Sequence for XRT ***

2024/07/04  11:07:00.0  AOCs_OrE-point_Start_1_OG [0x097]
                              AOCU_NM           5 02-76 00 00 00 00 00
2024/07/04  11:14:00.0  AOCs_OrE-point_Start_2_OG [0x098]
                              AOCU_NM           5 02-76 00 00 00 00 ac cd
2024/07/04  11:30:00.0  AOCs_OrE-point_Start_3_OG [0x099]
                              AOCU_NM           5 02-76 00 00 00 00 d6 67
2024/07/04  11:45:54.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  11:45:56.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  11:45:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                              XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2024/07/04  11:46:00.0  AOCs_OrE-point_Start_1_OG [0x097]
                              AOCU_NM           5 02-76 00 00 00 00 00
2024/07/04  11:46:18.0  XRT_FLD_DIS_409_OG [0x199]
                              MDP_XRT_FLD_DIS   1 07-F0 d9
2024/07/04  11:46:20.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                              MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2024/07/04  11:46:22.0  XRT_ARS_DIS_435_OG [0x1b3]
                              MDP_XRT_ARS_DIS   1 07-F0 d5
2024/07/04  11:48:58.0  XRT_QT_PROG_SET_401_OG [0x191]
                              MDP_XRT_QT_PROG_SET 2 07-F0 c4 13
2024/07/04  11:49:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                              MDP_XRT_CTRL_AUTO 1 07-F0 c0
2024/07/04  12:01:54.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  12:02:00.0  AOCs_OrE-point_Start_4_OG [0x09a]
                              AOCU_NM           5 02-76 00 00 00 00 29 99
2024/07/04  12:52:00.0  AOCs_OrE-point_Start_5_OG [0x09b]
                              AOCU_NM           5 02-76 00 00 00 00 53 33
2024/07/04  13:08:00.0  AOCs_OrE-point_Start_6_OG [0x09c]
                              AOCU_NM           5 02-76 00 d6 36 b7 8e
2024/07/04  13:18:00.0  AOCs_OrE-point_Start_7_OG [0x09d]
                              AOCU_NM           5 02-76 00 b4 b5 db 75
2024/07/04  13:34:00.0  AOCs_OrE-point_Start_8_OG [0x09e]
                              AOCU_NM           5 02-76 00 ac 5b 00 00
2024/07/04  14:30:30.0  AOCs_OrE-point_Start_9_OG [0x09f]
                              AOCU_NM           5 02-76 00 b4 b5 24 8b
2024/07/04  14:46:30.0  AOCs_OrE-point_Start_10_OG [0x0a0]
                              AOCU_NM           5 02-76 00 d6 36 48 72
2024/07/04  14:56:30.0  AOCs_OrE-point_Start_11_OG [0x0a1]
                              AOCU_NM           5 02-76 00 29 ca b7 8e
2024/07/04  15:06:30.0  AOCs_OrE-point_Start_12_OG [0x0a2]
                              AOCU_NM           5 02-76 00 4b 4b db 75
2024/07/04  15:22:30.0  AOCs_OrE-point_Start_13_OG [0x0a3]
                              AOCU_NM           5 02-76 00 53 a5 00 00
2024/07/04  16:15:00.0  AOCs_OrE-point_Start_14_OG [0x0a4]
                              AOCU_NM           5 02-76 00 4b 4b 24 8b
2024/07/04  16:31:00.0  AOCs_OrE-point_Start_15_OG [0x0a5]
                              AOCU_NM           5 02-76 00 29 db 48 72
2024/07/04  16:39:54.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  16:39:56.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  16:39:58.0  XRT_FOCUS_POSITION_410_OG [0x19a]
                              XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2024/07/04  16:40:00.0  AOCs_OrE-point_Start_16_OG [0x0a6]
                              AOCU_NM           5 02-76 04 06 97 01 81
2024/07/04  16:40:18.0  XRT_FLD_ENA_411_OG [0x19b]
                              MDP_XRT_FLD_ENA   1 07-F0 d8
2024/07/04  16:40:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                              MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2024/07/04  16:40:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                              MDP_XRT_AEC_RESET 1 07-F0 d0
2024/07/04  16:40:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                              MDP_XRT_ARS_DIS   1 07-F0 d5
2024/07/04  16:40:26.0  XRT_FLD_RESET_434_OG [0x1b2]
                              MDP_XRT_FLD_RESET 1 07-F0 da
2024/07/04  16:42:56.0  XRT_QT_PROG_SET_414_OG [0x19e]
                              MDP_XRT_QT_PROG_SET 2 07-F0 c4 08
2024/07/04  16:42:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                              MDP_XRT_FL_PROG_SET 2 07-F0 c5 0e
2024/07/04  16:43:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                              MDP_XRT_CTRL_AUTO 1 07-F0 c0
2024/07/04  17:16:30.0  XRT_CTRL_MANU_400_OG [0x190]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  17:16:32.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  17:16:34.0  XRT_FLD_RESET_415_OG [0x19f]
                              MDP_XRT_FLD_RESET 1 07-F0 da
2024/07/04  17:16:36.0  XRT_PREFLR_STRT_403_OG [0x193]
                              MDP_XRT_PREFLR_STRT 1 07-F0 e8
2024/07/04  17:19:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                              MDP_XRT_PREFLR_STOP 1 07-F0 e9
2024/07/04  17:55:54.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  17:55:56.0  XRT_CTRL_MANU_402_OG [0x192]
                              MDP_XRT_CTRL_MANU 1 07-F0 c1
2024/07/04  17:55:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                              XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2024/07/04  17:56:00.0  AOCs_OrE-point_Start_1_OG [0x097]

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Jul 04, 24 15:04

XRT_OGLIST_0939.chk

2024/07/05	01:28:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2024/07/05	01:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2024/07/05	01:58:00.0	XRT_Custom_430_OG [0x1ae]							
2024/07/05	01:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/05	02:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	02:59:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	02:59:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/05	02:59:36.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2024/07/05	03:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2024/07/05	03:36:30.0	XRT_Custom_430_OG [0x1ae]							
2024/07/05	03:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/05	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2024/07/05	04:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2024/07/05	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2024/07/05	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2024/07/05	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2024/07/05	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2024/07/05	04:00:24.0	XRT_FLD_RESET_438_OG [0x1b6]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/05	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2024/07/05	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2024/07/05	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/05	04:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	04:32:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	04:32:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/05	04:32:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2024/07/05	04:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2024/07/05	05:14:30.0	XRT_Custom_430_OG [0x1ae]							
2024/07/05	05:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/05	05:39:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	05:39:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	05:39:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2024/07/05	05:39:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2024/07/05	05:39:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2024/07/05	05:39:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2024/07/05	05:39:52.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2024/07/05	05:42:28.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2024/07/05	05:42:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/05	05:49:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	05:49:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/05	05:49:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2024/07/05	05:49:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	04 06 97 01 81				
2024/07/05	05:49:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2024/07/05	05:49:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2024/07/05	05:49:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2024/07/05	05:49:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2024/07/05	05:49:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/05	05:52:26.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				

2024/07/05	05:52:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2024/07/05	05:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/07/05	06:06:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	06:06:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	06:06:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/07/05	06:06:06.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/07/05	06:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/07/05	06:53:00.0	XRT_Custom_430_OG [0x1ae]			
2024/07/05	06:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/07/05	07:46:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	07:46:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	07:46:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/07/05	07:46:06.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/07/05	07:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/07/05	08:31:00.0	XRT_Custom_430_OG [0x1ae]			
2024/07/05	08:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/07/05	09:26:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	09:26:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	09:26:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/07/05	09:26:06.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/07/05	09:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/07/05	10:09:30.0	XRT_Custom_430_OG [0x1ae]			
2024/07/05	10:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/07/05	11:06:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	11:06:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	11:06:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/07/05	11:06:36.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/07/05	11:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/07/05	11:47:30.0	XRT_Custom_430_OG [0x1ae]			
2024/07/05	11:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/07/05	12:55:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	12:55:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	12:55:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/07/05	12:55:36.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/07/05	12:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/07/05	13:26:00.0	XRT_Custom_430_OG [0x1ae]			
2024/07/05	13:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/07/05	14:34:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	14:34:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	14:34:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/07/05	14:34:06.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/07/05	14:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/07/05	15:04:00.0	XRT_Custom_430_OG [0x1ae]			
2024/07/05	15:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/07/05	16:12:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	16:12:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/07/05	16:12:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/07/05	16:12:06.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/07/05	16:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/07/05	16:52:00.0	XRT_Custom_430_OG [0x1ae]			

2024/07/05	16:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/05	17:35:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	17:35:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	17:35:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/07/05	17:35:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00	
2024/07/05	17:35:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/07/05	17:35:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/07/05	17:35:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/07/05	17:38:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2024/07/05	17:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/05	17:45:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	17:45:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	17:45:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2024/07/05	17:45:30.0	AOCS_Ore-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	04 06 97 01 81	
2024/07/05	17:45:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/07/05	17:45:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/07/05	17:45:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/07/05	17:45:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/07/05	17:45:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/07/05	17:48:26.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2024/07/05	17:48:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2024/07/05	17:48:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/05	17:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	17:50:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	17:50:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/07/05	17:50:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/07/05	17:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/07/05	18:28:30.0	XRT_Custom_430_OG [0x1ae]					
2024/07/05	18:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/05	19:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	19:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	19:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/07/05	19:28:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/07/05	19:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/07/05	20:05:00.0	XRT_Custom_430_OG [0x1ae]					
2024/07/05	20:06:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/05	21:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	21:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	21:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/07/05	21:07:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/07/05	21:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/07/05	21:42:31.0	XRT_Custom_430_OG [0x1ae]					
2024/07/05	21:43:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/05	22:45:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	22:45:02.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/05	22:45:04.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/07/05	22:45:06.5	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/07/05	22:48:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

2024/07/05	23:18:00.5	XRT_Custom_430_OG [0x1ae]							
2024/07/05	23:19:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/06	00:23:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	00:23:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	00:23:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/06	00:23:36.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2024/07/06	00:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2024/07/06	00:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	00:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	00:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2024/07/06	00:30:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00 0b a5 01 81				
2024/07/06	00:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2024/07/06	00:30:20.5	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2024/07/06	00:30:22.5	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2024/07/06	00:30:24.5	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2024/07/06	00:30:26.5	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/06	00:32:56.5	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2024/07/06	00:32:58.5	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2024/07/06	00:53:30.0	XRT_Custom_430_OG [0x1ae]							
2024/07/06	00:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/06	02:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	02:01:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	02:01:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/06	02:01:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2024/07/06	02:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2024/07/06	02:32:00.0	XRT_Custom_430_OG [0x1ae]							
2024/07/06	02:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/06	03:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	03:32:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	03:32:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/06	03:32:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2024/07/06	03:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2024/07/06	03:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	03:44:56.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2024/07/06	03:45:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2024/07/06	03:45:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2024/07/06	03:45:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2024/07/06	03:45:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2024/07/06	03:45:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2024/07/06	03:45:24.0	XRT_FLD_RESET_438_OG [0x1b6]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/06	03:47:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2024/07/06	03:47:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2024/07/06	04:10:00.0	XRT_Custom_430_OG [0x1ae]							
2024/07/06	04:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2024/07/06	05:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	05:00:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2024/07/06	05:00:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2024/07/06	05:00:06.0	XRT_PREFLR_STRT_403_OG [0x193]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2024/07/06	05:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

2024/07/06	05:48:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/07/06	05:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2024/07/06	05:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/06	05:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/06	05:57:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/06	05:57:30.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/07/06	05:57:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2024/07/06	05:57:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/07/06	05:57:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/07/06	06:00:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/07/06	06:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2024/07/06	06:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/07/06	06:07:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/07/06	11:08:00.0	AOCU_NM	AOCU_NM	5	02-76	04 06 97 01 81	
2024/07/06	11:08:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00	