

# XRT Timeline to be uploaded on 2024/06/18

Period: 2024/06/18 11:12:00 - 2024/06/22 10:44:00

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Normal mode

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XOB #1D03: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msCC													
Term		Pointing (x, y)					Comment						
06/19 12:40:00 - 06/19 12:46:54		Fixed ( -528.4, -528.4)					Post bakeout Q1						
<b>PROG= 09 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 51 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 120.0sec													
└─ Seqn= 93 2-time(s) 2.0sec													
	Open/AI-mesh	Open/thick-AI	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	AI-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 60.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D04: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 2nd Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msCC													
Term		Pointing (x, y)					Comment						
06/19 12:50:00 - 06/19 12:56:54		Fixed ( 528.4, -528.4)					Post bakeout Q2						
<b>PROG= 15 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 38 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 120.0sec													
└─ Seqn= 93 2-time(s) 2.0sec													
	Open/AI-mesh	Open/thick-AI	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	AI-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 60.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D05: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 3rd Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msCC													
Term		Pointing (x, y)					Comment						
06/19 13:00:00 - 06/19 13:06:54		Fixed ( 528.4, 528.4)					Post bakeout Q3						
<b>PROG= 04 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 21 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 512)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (512, 512)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 120.0sec													
└─ Seqn= 93 2-time(s) 2.0sec													
	Open/AI-mesh	Open/thick-AI	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	AI-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 3 2-time(s) 2.0sec													
└─ Seqn= 34 1-time(s) 60.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -AI/mesh(2048ms) - 1x1, AI/Poly(1443ms) - 2x2 - w leak image-1msCC													
Term		Pointing (x, y)					Comment						
06/19 13:10:00 - 06/19 13:16:54		Fixed ( -528.4, 528.4)					Post bakeout Q4						
<b>PROG= 05 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 14 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=90	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024 (1536, 512)	Q=98	0	0	2.0sec
└─ Subr= 2 1-time(s) 120.0sec													

Seqn= 93	2-time(s)	2.0sec																	
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
Subr= 3	2-time(s)	2.0sec																	
Seqn= 34	1-time(s)	60.0sec																	
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec						
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec						
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval							

XOB #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
06/19 13:20:00 - 06/19 13:26:54	Fixed ( 0.0, 0.0)	Post bakeout synoptics
06/19 17:59:30 - 06/19 18:06:24	Fixed ( 0.0, 0.0)	synoptic, shifted -3.5 min
06/20 05:27:00 - 06/20 05:33:54	Fixed ( 0.0, 0.0)	HOP 349+448 synoptic, shifted -36.0 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 #1C8D: Alignment with North Pole Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 5min cad													
Term	Pointing (x, y)	Comment											
06/19 13:42:00 - 06/19 15:41:54	Fixed ( 0.0, 930.0)	End of synoptics / Co-alignment North pole											
PROG= 01	1-time(s)												
Subr= 1	1-time(s)	2.0sec											
Seqn= 23	1-time(s)	2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	24-time(s)	300.0sec											
Seqn= 69	1-time(s)	2.0sec											
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x1536	(1024, 768)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1C8E: Alignment with East limb Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 8 min cad													
Term	Pointing (x, y)	Comment											
06/19 15:57:00 - 06/19 17:56:24	Fixed (-970.0, 0.0)	Co-alignment East limb											
PROG= 10	1-time(s)												
Subr= 1	1-time(s)	2.0sec											
Seqn= 23	1-time(s)	2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	15-time(s)	480.0sec											
Seqn= 70	1-time(s)	2.0sec											
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1536x2048	(1280, 1024)	Q=95	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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**XOB #1B89: 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
06/19 18:09:35 - 06/20 03:59:54	Track ( 475.6, -488.4) <sup>Ⓢ 06/19 18:06:30</sup>	AR obs
06/20 05:37:00 - 06/20 10:50:30	Track ( 548.1, -487.3) <sup>Ⓢ 06/20 05:34:00</sup>	AR obs

**PROG= 02 Inf.-time(s)**

<b>Subr= 1 1-time(s) 2.0sec</b>											
└─ <b>Seqn= 92 1-time(s) 2.0sec</b>											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	DPCM	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (1536, 1536)	DPCM	0 0 2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024 (1536, 1536)	Q=98	0 0 2.0sec
<b>Subr= 2 5-time(s) 2.0sec</b>											
└─ <b>Seqn= 47 1-time(s) 2.0sec</b>											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	2 0 2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	2 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	3 0 2.0sec
└─ <b>Seqn= 96 4-time(s) 60.0sec</b>											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024 (1536, 1536)	Q=95	1 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024 (1536, 1536)	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
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**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
06/20 04:03:00 - 06/20 05:23:54	Fixed ( 0.0, 0.0)	HOP 349+448 synoptic, shifted -36.0 min

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

<b>Subr= 1 1-time(s) 600.0sec</b>											
└─ <b>Seqn= 55 1-time(s) 2.0sec</b>											
	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
└─ <b>Seqn= 98 1-time(s) 2.0sec</b>											
	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
└─ <b>Seqn= 79 1-time(s) 2.0sec</b>											
	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
└─ <b>Seqn= 30 1-time(s) 2.0sec</b>											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024 (512, 1536)	Q=95	0 0 2.0sec
<b>Subr= 2 7-time(s) 600.0sec</b>											
└─ <b>Seqn= 8 1-time(s) 2.0sec</b>											
	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= 74 1-time(s) 2.0sec</b>											
	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
└─ <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
└─ <b>Seqn= 29 1-time(s) 2.0sec</b>											
	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
----------------	----------------	-----	------	-------	------	-----	-----	--------------------	-------	------------	----------

\* \* \* \* \*

**Flare mode**

\* \* \* \* \*

**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
06/19 18:09:35 - 06/20 03:59:54	Track ( 475.6, -488.4) <sup>Ⓢ 06/19 18:06:30</sup>	AR obs
06/20 04:03:00 - 06/20 05:23:54	Fixed ( 0.0, 0.0)	HOP 349+448 synoptic, shifted -36.0 min
06/20 05:37:00 - 06/20 10:50:30	Track ( 548.1, -487.3) <sup>Ⓢ 06/20 05:34:00</sup>	AR obs

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

<b>Subr= 1 20-time(s) 2.0sec</b>											
└─ <b>Seqn= 11 1-time(s) 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 1-time(s) 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

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	

\* \* \* \* \*

### Active Region Search

\* \* \* \* \*

NOT USED

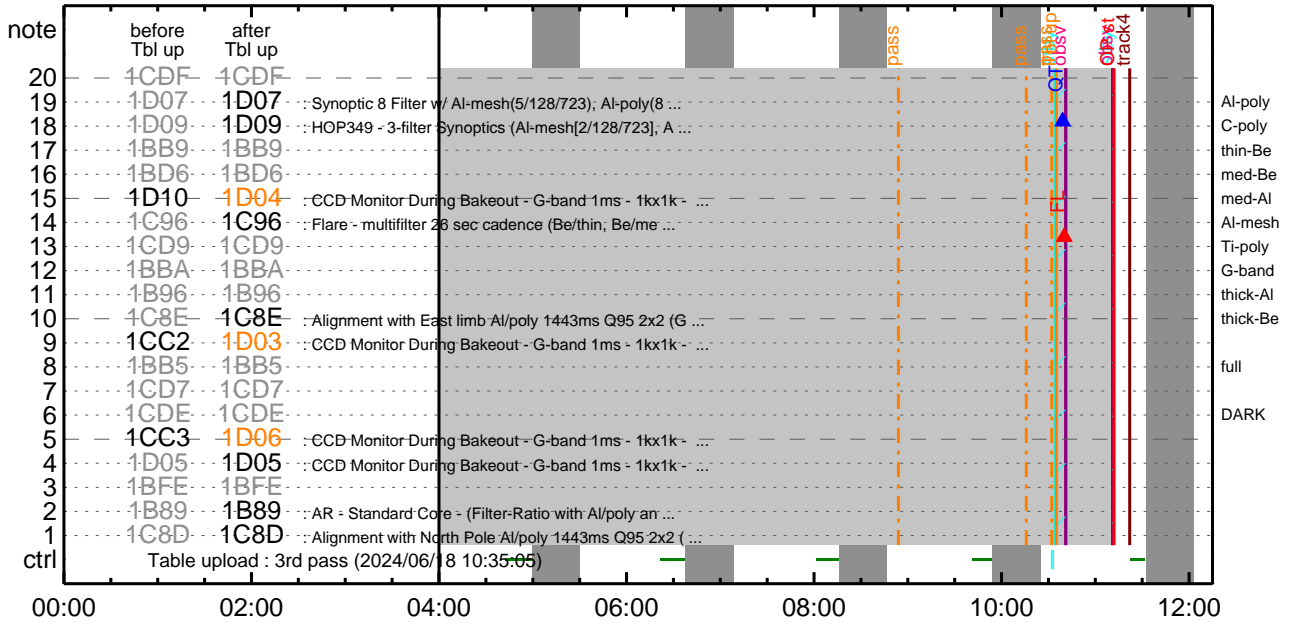
\* \* \* \* \*

### Flare Detection

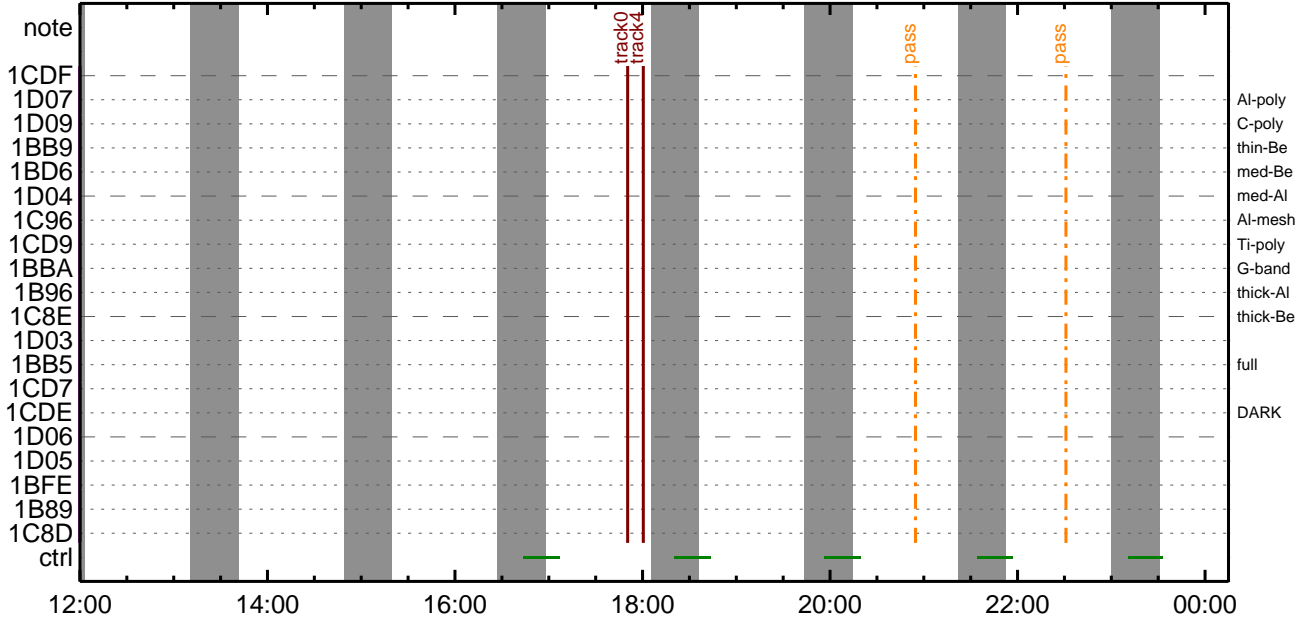
\* \* \* \* \*

FLD Patrol												
Term	Pointing (x, y)							Comment				
06/18 10:36:05 - 06/19 12:39:56	cannot be identified											
06/19 18:06:53 - 06/20 05:24:18	Track (	475.6,	-488.4)	<sup>Ⓢ</sup> 06/19 18:06:30	AR obs							
06/20 05:34:18 - 06/22 10:44:00	Track (	548.1,	-487.3)	<sup>Ⓢ</sup> 06/20 05:34:00	AR obs							
	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

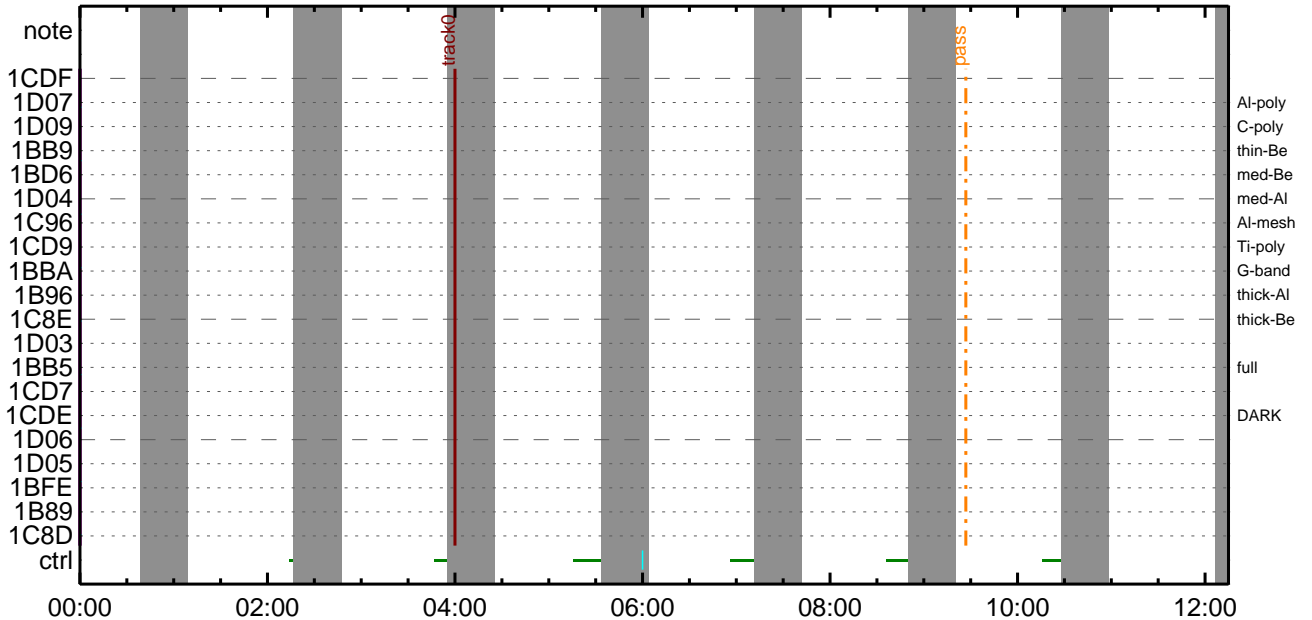
### CMDI #0900 2024/06/18



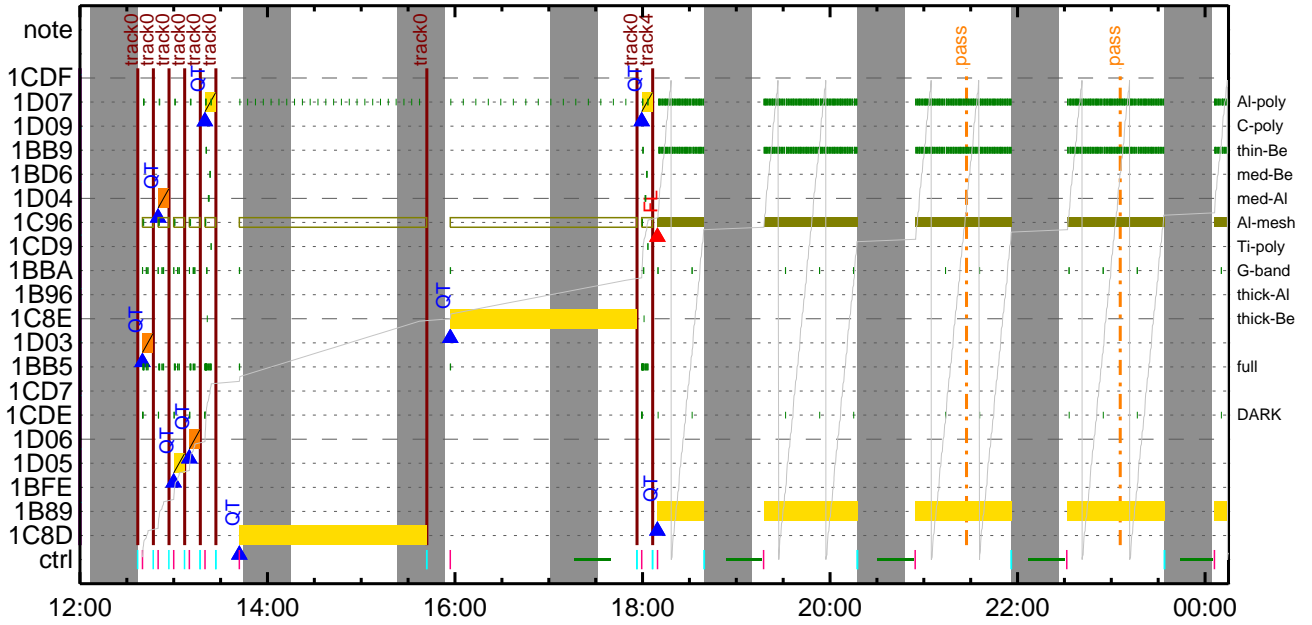
### CMDI #0900 2024/06/18



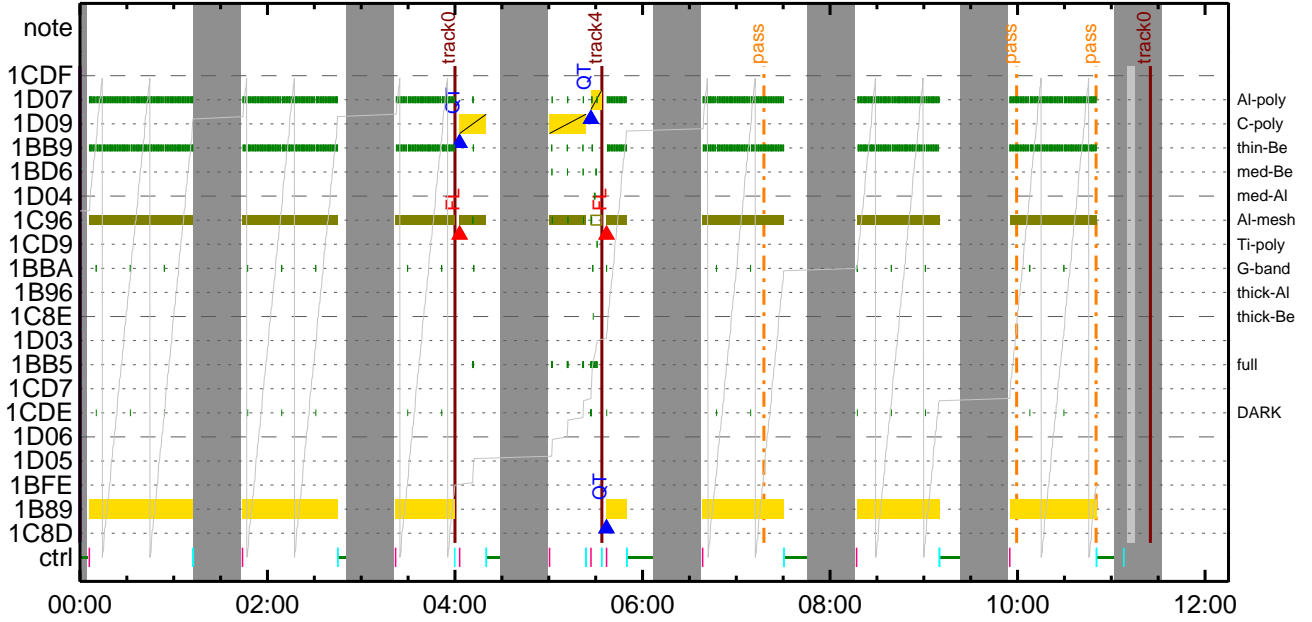
### CMDI #0900 2024/06/19



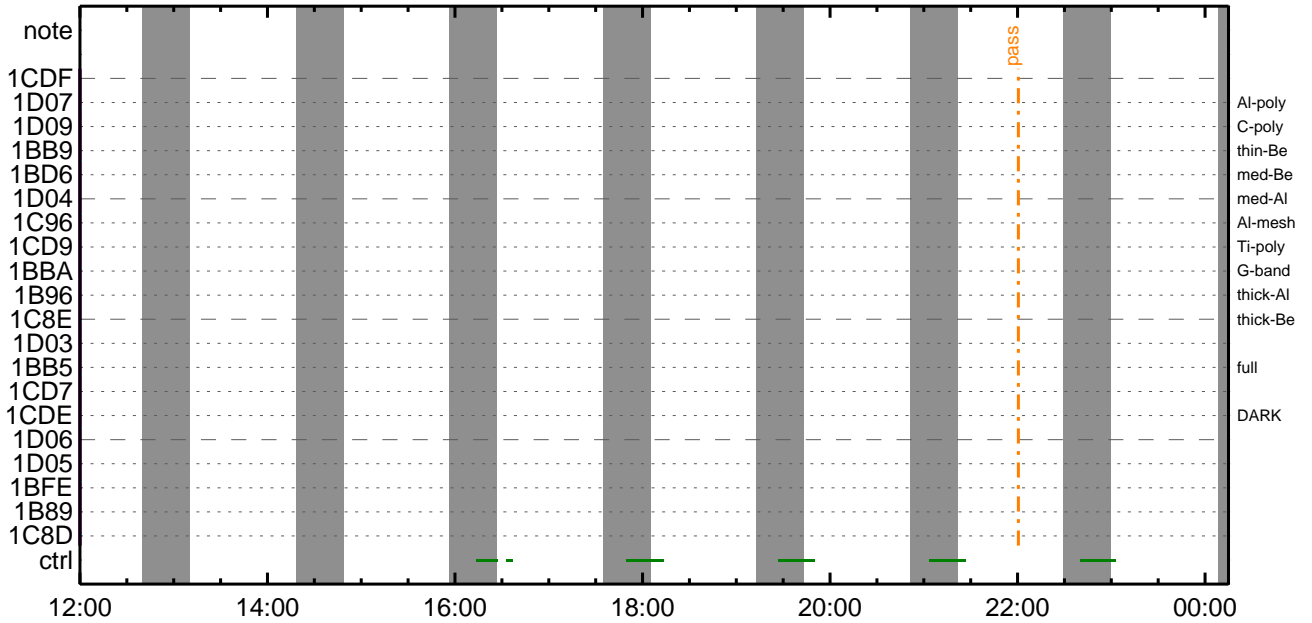
CMDI #0900 2024/06/19



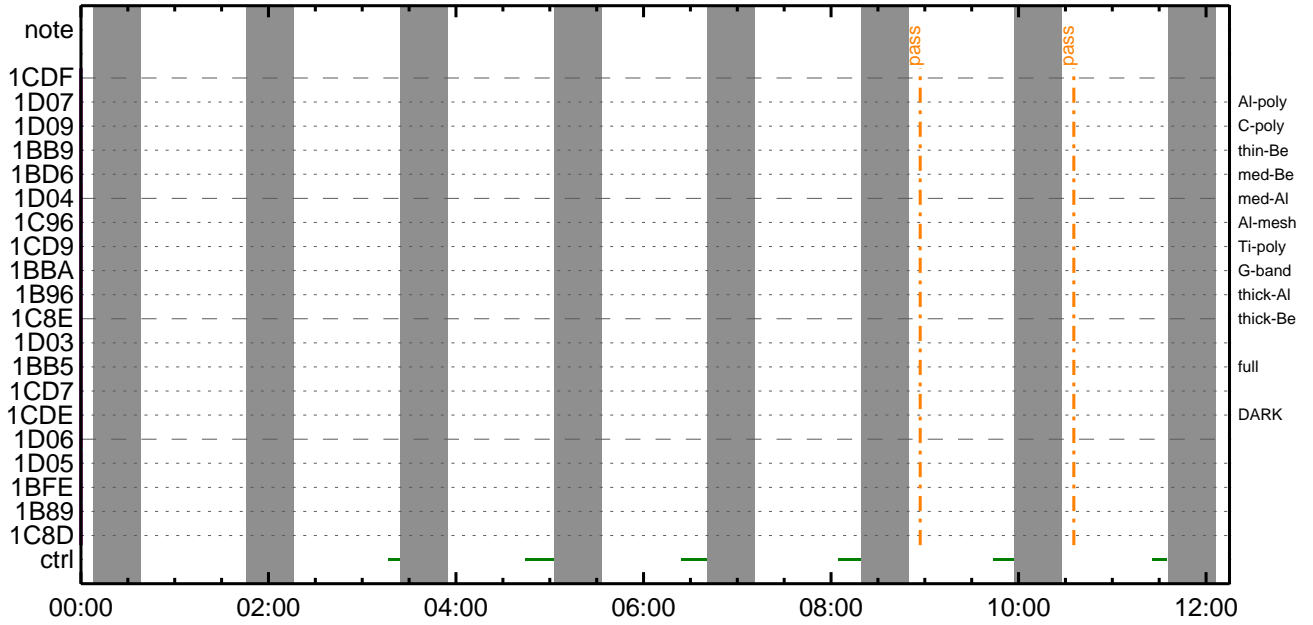
CMDI #0900 2024/06/20



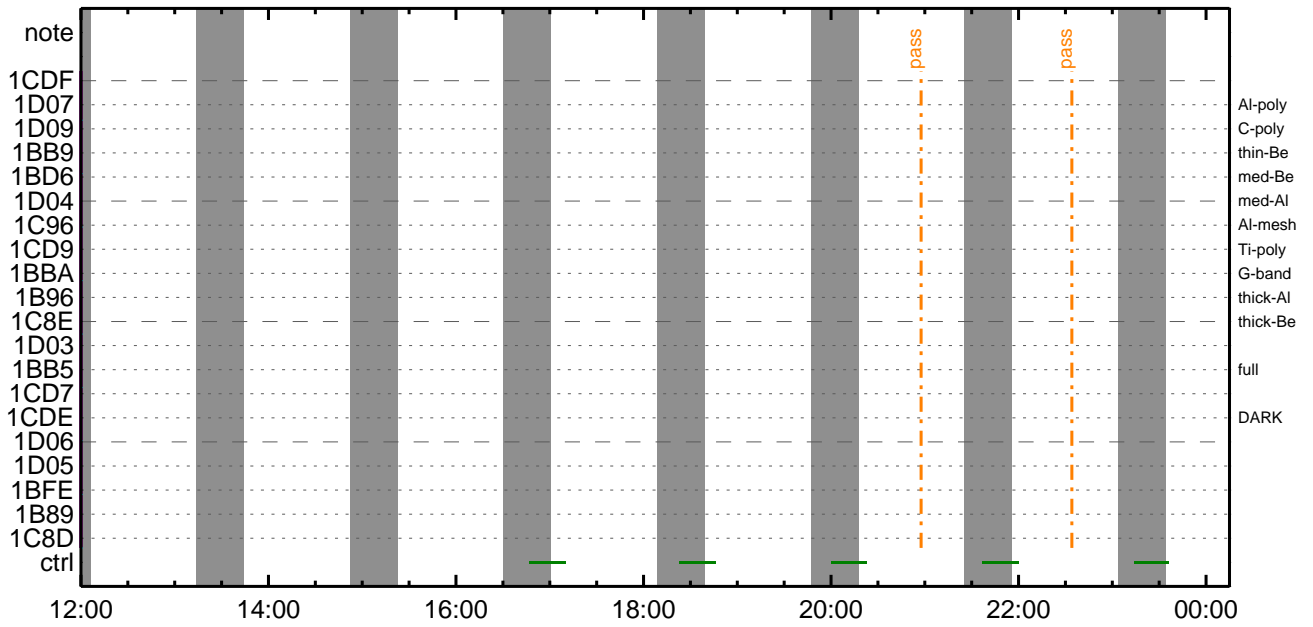
CMDI #0900 2024/06/20



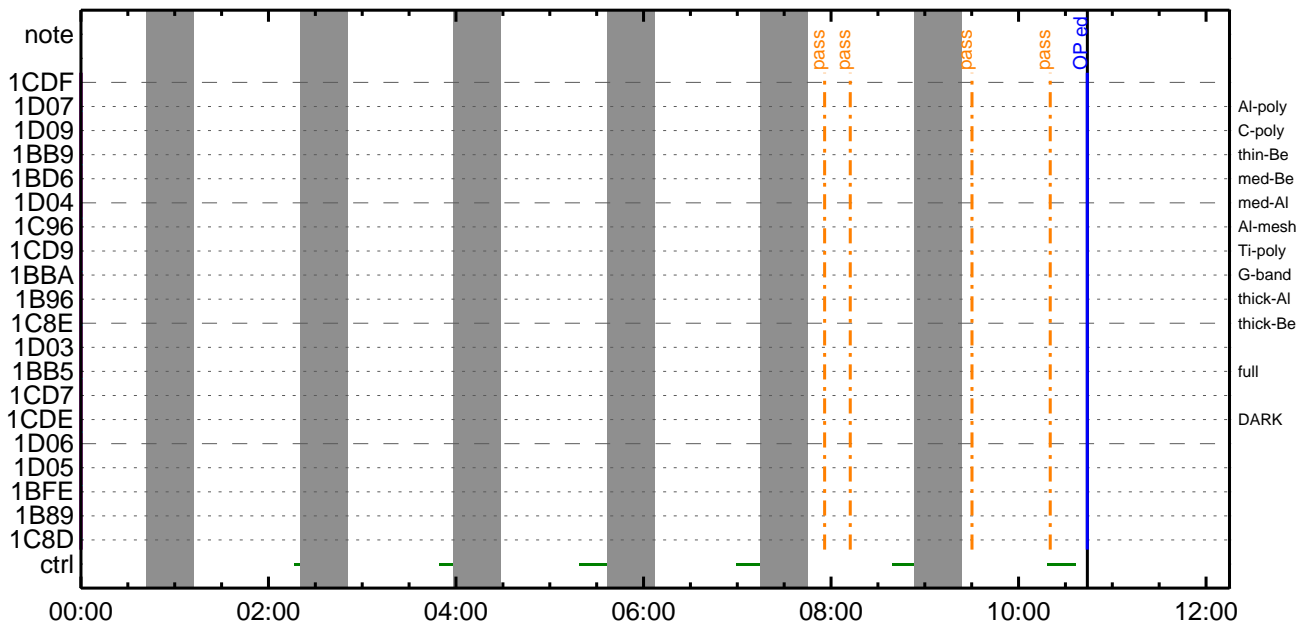
CMDI #0900 2024/06/21



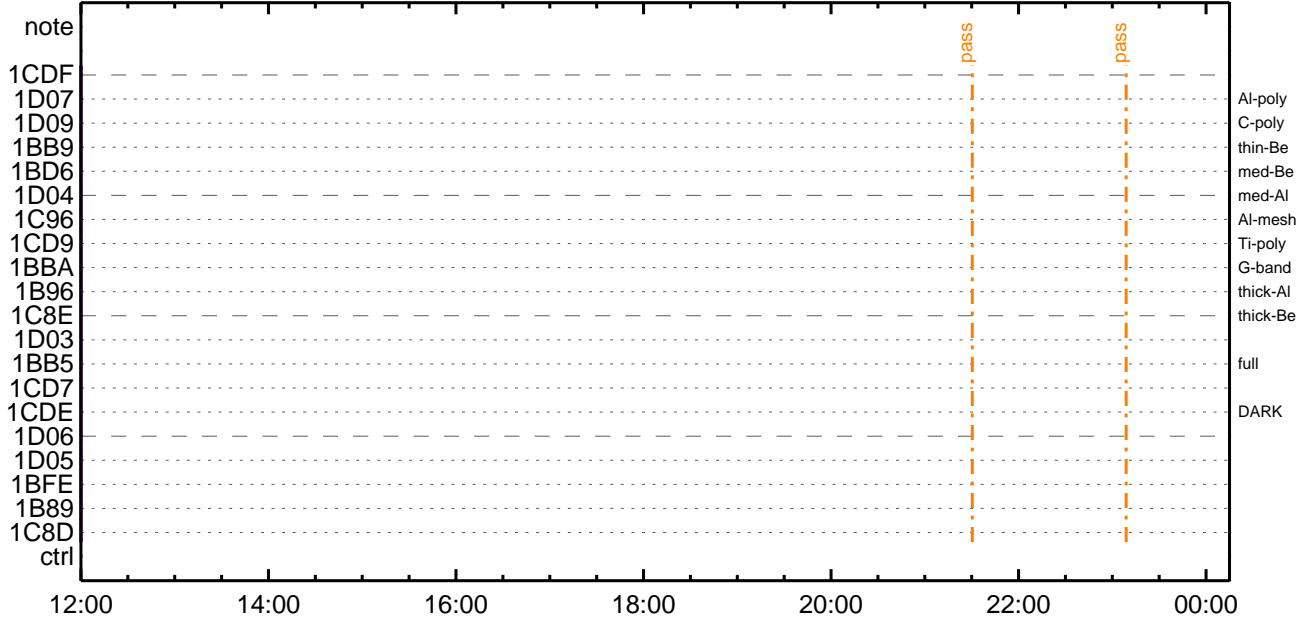
CMDI #0900 2024/06/21



CMDI #0900 2024/06/22



CMDI #0900 2024/06/22





(a) Spacecraft Operation Procedure (real-commands)

```
main-634 2024-06-18 11:43:00 278 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYSYÁY~¼Á»Ü;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¿µÀµ•µ°E»Í×ÁÇµÍYÇYÁY×YÍ;¼YÉ;ËÈÈµ•íÍÉ;ËÈÈ¼°ÇÖµ•µ¿¼í¹ÇµÍ;ÇÁ®, ùµ¹µÈµDµÇÁ÷¿®µ•µÈµµµ³µÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿µ;ON
0016 C. *****
0017 C. ¨ °EÀ, í×ÈYµÄLOSpµCµÍ»p´Öµó¹íí, µ•; ÇÉÖÍ×µÈXÁÓONµÍ¹ÖµÈµÍµÈµµµ³µÈ;£
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. XÝDÝÓYÉYÍYÁY~¾ÖÁÖµµ°EÀ, ¼É¼Çµó¼Á¹Öµ¹µÈ;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äí¼í°EÀ,
0033 C. *****
0034 C. ¨° RESTART;ÈPT1;Èµ•µ¿µ¾¼í¹ÇµÍ; Ç°È²¼µí¼Á¹Öµµ°; ÇDCBC-150µØ¿Èµà;£
0035 C.
0036 . C. ;ãPT1°EÀ, 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, ;¾Ú)
0043 C.           ÇÇ [HK1_REP_STA/STP]            EQ      START  (¼Á¹Ö, ;¾Ú)
0044 C.           ÇÇ [HK1_X_VC4_ON/OFF]           EQ      ON      (¼Á¹Ö, ;¾Ú)
0045 C.
0046 . C. ;ãYÇYÓYÉYÉÁÚÁØ;ÈÁ°Ä°²óÈò;Ë, áµí°EÀ, °E³«;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, ;¾Ú)
0050 C.           ÇÇ [HK1_REP_STA/STP]            EQ      START  (¼Á¹Ö, ;¾Ú)
0051 C.           ÇÇ [HK1_X_VC4_ON/OFF]           EQ      ON      (¼Á¹Ö, ;¾Ú)
0052 C.
0053 C.
0054 . C. PT1°EÀ, µ¼«°E°Äá»µµµ¿, á; Ç°È²¼µó¼Á¹Öµ¹µÈ;£
0055 C. YÇYÓYÉYÉÁÚÁØµÁ°Ä°²óÈòµµ¶áµ¾¼í¹ÇµÍ´°Í°Í»µ¹µÈµDµÇÁÖµÁ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äí¼í°EÀ,
0059 C. *****
0060 C. ¨° RESTART;ÈPT2;Èµ•µ¿µ¾¼í¹ÇµÍ; Ç°È²¼µí¼Á¹Öµµ°; ÇDCBC-151µØ¿Èµà;£
0061 C.
0062 . C. ;ãPT2°EÀ, 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, ;¾Ú)
0069 C.           ÇÇ [HK1_REP_STA/STP]            EQ      START  (¼Á¹Ö, ;¾Ú)
0070 C.           ÇÇ [HK1_X_VC4_ON/OFF]           EQ      ON      (¼Á¹Ö, ;¾Ú)
0071 C.
0072 . C. ;ãYÇYÓYÉYÉÁÚÁØ;ÈÁ°Ä°²óÈò;Ë, áµí°EÀ, °E³«;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, ;¾Ú)
0076 C.           ÇÇ [HK1_REP_STA/STP]            EQ      START  (¼Á¹Ö, ;¾Ú)
0077 C.           ÇÇ [HK1_X_VC4_ON/OFF]           EQ      ON      (¼Á¹Ö, ;¾Ú)
0078 C.
0079 . C. *****
0080 C. DR°EÀ, Äá»ß; ÇXÁ÷¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EÀ, 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÷¿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
```



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0194 C.
0195 +. TI 2024-06-18 11:11:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼ñîÄë¾íîññîîŷÄŷ$ŷÄŷ~¹aiÛ
0200 C.          ¢¢[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      4
0202 C.          ¢¢[HK1_NEXT_EXEC_PIM]       EQ      DHU
0203 C.          ¢¢[HK1_NEXT_EXEC_DC]        EQ      0xB3
0204 C.
0205 . C. *****
0206 C. TIîî°èŷÄŷóŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          ¢¢[HK1_DMP_TOP_ADRS_1]     EQ      07
0213 C.          ¢¢[HK1_DMP_TOP_ADRS_0]     EQ      2B
0214 C.          ¢¢[HK1_DMP_BLOCK_NUM]       EQ      3
0215 C.          ¢¢[HK1_DMP_REPEAT_NUM]     EQ      0
0216 C.          ¢¢[HK1_DMA_DMP_PIM]        EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          ¢¢[HK1_PKT_FORM_NO]         EQ      7
0220 C.          ¢¢[HK1_PKT_GEN_TIME]        EQ      0.25 s
0221 C.          ¢¢[HK1_S_TLM_BIT_RATE]     EQ      32k
0222 C.          ¢¢[HK1_X_TLM_BIT_RATE]     EQ      4M
0223 C.          ¢¢[HK1_DMP_CHK_FLG]        EQ      EXEC
0224 C.
0225 . C. ŷÄŷóŷ×½ªî»ñò³îÇ$
0226 C.          ¢¢[HK1_DMP_CHK_FLG]        EQ      NON
0227 C.
0228 . C. RAM ID=TI_TBLñî¾È¹Ç•è²ìOKñò³îÇ$
0229 C.
0230 . C. DHUŷä;¼ŷÉ;Ê¼ý½,ŷi;¼ŷÈ;Ëñòîáñ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          ¢¢[HK1_PKT_FORM_NO]         EQ      2
0234 C.          ¢¢[HK1_PKT_GEN_TIME]        EQ      0.5S
0235 C.          ¢¢[HK1_S_TLM_BIT_RATE]     EQ      32K
0236 C.          ¢¢[HK1_X_TLM_BIT_RATE]     EQ      4M
0237 C.
0238 . C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2024-06-18 11:11:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2024-06-18 11:11:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 . C.          [ ] [HK1_TI_CMD_NUM]     EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2024-06-18 11:11:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 . C.          [ ] [HK1_TI_CMD_NUM]     EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 . C. ***** MDP ´ûÃîñî»ó¾ŷñÈÄñ¹ñèDCBC•×²è *****
0265 C. (¾å°îŷóŷÄŷÈŷŷŷÈŷáŷçŷèñÈ¾¾ñ¾¼Ä»Ûñ¹ñè)
0266 . S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 . C. ***** ŷĐŷ!•î Daily±;îññÈ´Øñ¹ñèDCBC•×²è *****
0271 . S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 . C. ;ãLOSŷÄŷ$ŷÄŷ~¼Ä»Û;ä
0276 C.
0277 . C. ***** LOS *****
0278 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-635 2024-06-18 11:43:00 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸDŸóŸÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëñ¿ñÄñ•µ°E»Í×ÁÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ËËè¿µ•íÍË;ËñÈ¼°ÇÖñ•ñ¿¼í¹ÇñÍ;ÇÄ®, ùñ¹ñèñDñÇÄ÷¿®ñ•ñËñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCs Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 5728240.3 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 . C. Estimated OBSTBL upload time is 25s
0062 C. *****
0063 C. EIS START OBSTBL LOAD
0064 C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 BC (07 07 07 00 00 70 00)
0069 C.
0070 C. Execute, after the success of OBSTBL upload.
0071 C. Set EIS TI-commands
0072 +. TI 2024-06-18 11:11:50.0
0073 DC 07-FC EIS_MODE_CHG_ENA
0074 BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 C. *****
0077 C. EIS END OBSTBL LOAD
0078 C. *****
0079 C.
0080 . C. ***** MDP ´ûÄÎñÍ»ó¼ŸñÈÄDñ¹ñèDCBC•×²è *****
0081 C. (¾å°íŸÓŸÄŸËŸDŸŸËŸáŸçŸËñÈ¼¾ññ¼Ä»Ûñ¹ñè)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** ŸDŸ¹•Ï Daily±¿ÍñÈ´Øñ¹ñèDCBC•×²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 C. ;ãLOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0092 C.
0093 . C. ***** LOS *****
0094 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-636 2024-06-18 11:43:00 192 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; ÇÁ®, 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° ÒÈÀ, Í×ÈYµÄLOSµDµÇµÍ»p´Öµò¹ÍÍ, µ•; ÇÉÖÍ×µÈXÁÓONµÍ¹ÖµÈµÍµÈµµµ³µÈ; £
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°È²¼µÍ°ÈÀ, ¼È½Çµò¼Á¹Öµ¹µé; £
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ÈÀ,
0033 C. *****
0034 C. Ç° RESTART;ËPT1;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°È²¼µÍ¼Á¹Öµµ°; ÇDCBC-150µØ¿Èµà; £
0035 C.
0036 . C. ;ãPT1°ÈÀ, 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. ;ãYÇYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ÈÀ, °È³«;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°ÈÀ, µ¬¼«°ÈÁ»ßµ•µ¿, á; Ç°È²¼µò¼Á¹Öµ¹µé; £
0055 C. YÇYÓYÉYËÁÚÁØµÄÁ•Á°²óÈòµ¬¼áµ¾¼í¹ÇµÍ´°Í»µ¹µÈµDµÇÁÖµÄ; £
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ÈÀ,
0059 C. *****
0060 C. Ç° RESTART;ËPT2;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°È²¼µÍ¼Á¹Öµµ°; ÇDCBC-151µØ¿Èµà; £
0061 C.
0062 . C. ;ãPT2°ÈÀ, 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. ;ãYÇYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ÈÀ, °È³«;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°ÈÀ, Áä»ß; ÇXÁ÷¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÀ, 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
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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 +. DC 07-F0 MDP_XRT_CTRL_MANU
0104 BC (c1)
0105 + DC 07-F0 MDP_XRT_MODE_STBY
0106 BC (c3)
0107 . C. ----- Success Verify ? OK / NG ____
0108 C.
0109 C. XRT Obs. Table Upload
0110 . S. RAM ram-291:MDP_OBS_X
0111 ()
0112 C.
0113 +. DC 07-F0 MDP_DUMP_XRTTBL
0114 BC (84 07 00 00 00 3a d4)
0115 . C. ----- Comparison Check ? OK / ERR ____
0116 C.
0117 C.
0118 +. DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 01 b1 b1 04 04)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 02 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 03 b1 b1 08 08)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 04 b1 b1 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 05 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 06 80 80 20 20)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 07 80 80 20 08)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 08 80 80 08 20)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 09 c0 c0 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0a 40 c0 10 10)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0b 40 40 10 10)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0c c0 40 10 10)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0d 80 60 20 18)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 0e a0 80 18 20)
0146 + DC 07-F0 MDP_XRT_ROI_SET
0147 BC (cd 0f 80 80 06 06)
0148 + DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 10 80 80 08 08)
0150 + DC 07-F0 MDP_XRT_FLD_ENA
0151 BC (d8)
0152 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0153 BC (c8)
0154 + DC 07-F0 MDP_XRT_ARS_DIS
0155 BC (d5)
0156 + DC 07-F0 MDP_XRT_AEC_RESET
0157 BC (d0)
0158 + DC 07-F0 MDP_XRT_FLD_RESET
0159 BC (da)
0160 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0161 BC (c4 13)
0162 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0163 BC (c5 0e)
0164 . C. ----- Success Verify ? OK / NG ____
0165 C.
0166 C.
0167 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0168 C.
0169 +. DC 07-F0 MDP_XRT_MODE_OBSV
0170 BC (c2)
0171 +. TI 2024-06-18 11:11:02.0
0172 DC 07-F0 MDP_XRT_MODE_OBSV
0173 BC (c2)
0174 . C. ----- Success Verify ? OK / NG ____
0175 C.
0176 C. ***** XRT END *****
0177 C.
0178 . C. ***** MDP `úÃÎñÎ»ö¾ÝñÈÃÐñ¹ñèDCBC•x²è *****
0179 C. (¾å°i¥Ó¥Ã¥È¥Ð¥Ë¥â¥ç¥èñÈ½¾ññ¼Ã»Ûñ¹ñè)
0180 . S. DC-BC dcbc-402:DCBC
0181 (MDP_known_event)
0182 C.
0183 C.
0184 . C. ***** ¥Ð¥¹•Ï Daily±;¿ÎññÈ'Øñ¹ñèDCBC•x²è *****
0185 . S. DC-BC dcbc-153:DCBC
0186 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0187 C.
0188 C.
0189 . C. ;ãLOS¥Á¥S¥Ã¥¹¼Ã»Û;ã
0190 C.
0191 . C. ***** LOS *****
0192 C.

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

2024/06/18	11:22:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	06	24	01	81
2024/06/18	17:50:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2024/06/18	18:00:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	06	24	01	81
2024/06/19	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2024/06/19	06:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2024/06/19	06:00:02.0	XRT_TCIB_XRT_S_HTR_A_DIS_432_OG [0x1b0]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2024/06/19	12:36:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2024/06/19	12:36:56.0	XRT_FOCUS_POSITION_445_OG [0x1bd]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2024/06/19	12:37:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	2e	f9	2e	f9
2024/06/19	12:39:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2024/06/19	12:39:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2024/06/19	12:39:56.0	XRT_FLD_DIS_446_OG [0x1be]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2024/06/19	12:39:58.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4				09
2024/06/19	12:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2024/06/19	12:46:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2024/06/19	12:46:56.0	XRT_FOCUS_POSITION_445_OG [0x1bd]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2024/06/19	12:47:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2024/06/19	12:49:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2024/06/19	12:49:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2024/06/19	12:49:56.0	XRT_FLD_DIS_446_OG [0x1be]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2024/06/19	12:49:58.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4				0f
2024/06/19	12:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2024/06/19	12:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2024/06/19	12:56:56.0	XRT_FOCUS_POSITION_445_OG [0x1bd]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2024/06/19	12:57:00.5	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	d1	07	d1	07
2024/06/19	12:59:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2024/06/19	12:59:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2024/06/19	12:59:56.0	XRT_FLD_DIS_446_OG [0x1be]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2024/06/19	12:59:58.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4				04
2024/06/19	13:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2024/06/19	13:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2024/06/19	13:06:56.0	XRT_FOCUS_POSITION_445_OG [0x1bd]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2024/06/19	13:07:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	d1	07	2e	f9
2024/06/19	13:09:52.0	XRT_ARS_DIS_427_OG [0x1ab]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2024/06/19	13:09:54.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2024/06/19	13:09:56.0	XRT_FLD_DIS_446_OG [0x1be]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2024/06/19	13:09:58.0	XRT_QT_PROG_SET_433_OG [0x1b1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4				05
2024/06/19	13:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0					c0
2024/06/19	13:16:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2024/06/19	13:16:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0					c1
2024/06/19	13:16:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa		00
2024/06/19	13:17:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2024/06/19	13:17:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0					d9
2024/06/19	13:17:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0					c9
2024/06/19	13:17:22.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0					d5
2024/06/19	13:19:58.0	XRT_QT_PROG_SET_401_OG [0x191]							

2024/06/19	13:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/06/19	13:26:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	13:26:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	13:26:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2024/06/19	13:27:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	ad 59 00 00	
2024/06/19	13:27:18.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/06/19	13:41:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/06/19	13:41:56.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/06/19	13:41:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2024/06/19	13:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/06/19	15:41:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	15:41:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	15:41:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2024/06/19	15:42:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00	00 00 56 35	
2024/06/19	15:42:18.0	XRT_FLD_DIS_428_OG [0x1ac]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/06/19	15:56:54.0	XRT_ARS_DIS_427_OG [0x1ab]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/06/19	15:56:56.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/06/19	15:56:58.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a	
2024/06/19	15:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/06/19	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	17:56:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2024/06/19	17:56:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00	
2024/06/19	17:56:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2024/06/19	17:56:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2024/06/19	17:56:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/06/19	17:59:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
2024/06/19	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/06/19	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	18:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	18:06:28.0	XRT_ROI_A_429_OG [0x1ad]	MDP_XRT_ROI_SET	6	07-F0	cd	05 85 83 06 06	
			MDP_XRT_ROI_SET	6	07-F0	cd	06 80 80 20 20	
			MDP_XRT_ROI_SET	6	07-F0	cd	07 80 80 20 08	
			MDP_XRT_ROI_SET	6	07-F0	cd	08 80 80 08 20	
			MDP_XRT_ROI_SET	6	07-F0	cd	09 85 83 06 06	
			MDP_XRT_ROI_SET	6	07-F0	cd	0a 80 80 08 08	
			MDP_XRT_ROI_SET	6	07-F0	cd	0f 80 80 06 06	
			MDP_XRT_ROI_SET	6	07-F0	cd	10 80 80 08 08	
2024/06/19	18:06:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	06 24 01 81	
2024/06/19	18:06:33.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2024/06/19	18:06:53.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2024/06/19	18:06:55.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2024/06/19	18:06:57.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2024/06/19	18:06:59.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2024/06/19	18:07:01.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2024/06/19	18:09:31.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02	
2024/06/19	18:09:33.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2024/06/19	18:09:35.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2024/06/19	18:39:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2024/06/19	18:39:32.5	XRT_CTRL_MANU_402_OG [0x192]						



2024/06/19	18:39:34.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/19	18:39:36.5	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/19	18:42:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/19	19:16:30.0	XRT_Custom_430_OG [0x1ae]					
2024/06/19	19:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/19	20:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/19	20:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/19	20:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/19	20:17:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/19	20:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/19	20:53:30.0	XRT_Custom_430_OG [0x1ae]					
2024/06/19	20:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/19	21:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/19	21:56:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/19	21:56:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/19	21:56:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/19	21:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/19	22:30:30.0	XRT_Custom_430_OG [0x1ae]					
2024/06/19	22:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/19	23:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/19	23:34:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/19	23:34:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/19	23:34:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/19	23:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/20	00:05:00.0	XRT_Custom_430_OG [0x1ae]					
2024/06/20	00:06:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	01:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	01:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	01:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	01:12:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/20	01:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/20	01:43:00.0	XRT_Custom_430_OG [0x1ae]					
2024/06/20	01:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	02:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	02:45:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	02:45:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	02:45:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/20	02:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/20	03:21:00.0	XRT_Custom_430_OG [0x1ae]					
2024/06/20	03:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2024/06/20	04:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2024/06/20	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/06/20	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/06/20	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/06/20	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/06/20	04:00:24.0	XRT_FLD_RESET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	04:02:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	

2024/06/20	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2024/06/20	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	04:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	04:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	04:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	04:20:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/20	04:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/20	04:59:30.0	XRT_Custom_430_OG [0x1ae]					
2024/06/20	05:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	05:23:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	05:23:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	05:23:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2024/06/20	05:24:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2024/06/20	05:24:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2024/06/20	05:24:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/06/20	05:26:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2024/06/20	05:27:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	05:33:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	05:33:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	05:33:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2024/06/20	05:34:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	06 24 01 81
2024/06/20	05:34:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2024/06/20	05:34:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2024/06/20	05:34:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2024/06/20	05:34:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2024/06/20	05:34:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	05:36:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2024/06/20	05:36:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2024/06/20	05:37:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	05:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	05:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	05:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	05:50:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/20	05:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/20	06:37:30.0	XRT_Custom_430_OG [0x1ae]					
2024/06/20	06:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	07:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	07:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	07:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	07:30:36.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/20	07:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2024/06/20	08:16:00.0	XRT_Custom_430_OG [0x1ae]					
2024/06/20	08:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2024/06/20	09:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	09:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2024/06/20	09:10:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2024/06/20	09:10:06.0	XRT_PREFLR_STRT_403_OG [0x193]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2024/06/20	09:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

2024/06/20	09:54:00.0	XRT_Custom_430_OG [0x1ae]			
2024/06/20	09:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2024/06/20	10:50:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/06/20	10:50:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/06/20	10:50:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2024/06/20	10:50:36.0	XRT_PREFLR_STRT_403_OG [0x193]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2024/06/20	10:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2024/06/20	11:08:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2024/06/20	11:25:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00