

Period: 2025/04/29 12:32:00 - 2025/05/03 10:56:00

XOB #1D06: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 4th Quadrant -All/mesh(2048ms) - 1x1, All/Poly(1443ms) - 2x2 - w leak image-1msCCD														
Term		Pointing (x, y)					Comment							
04/30 13:24:00 - 04/30 13:30:54		Fixed (-528.4, 528.4)					Post bakeout Q4							
PROG= 20		1-time(s)												
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 #1D19: Synoptic 8 Filter w/ Al-mesh(3/128/723), Al-poly(5/181/1443), Thin-Be(24/512/4096), Thick-Be(32768), Med-Al(181/5795/32768), Med-Be(88/4096)

Term	Pointing (x, y)	Comment
04/30 13:34:00 - 04/30 13:40:54	Fixed (0.0, 0.0)	Post bakeout synoptics
04/30 17:58:30 - 04/30 18:05:24	Fixed (0.0, 0.0)	synoptic, shifted -4.5 min
05/01 05:41:30 - 05/01 05:48:24	Fixed (0.0, 0.0)	synoptic, shifted -21.5 min

PROG= 03 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= 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= 76 1-time(s) 2.0sec thin-Be/Open thin-Be/Open close Safe Norm 24ms 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= 18 1-time(s) 2.0sec med-Al/Open med-Al/thick-Al close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
med-Al/Open med-Al/Open close Safe Norm 5.66s 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= 86 1-time(s) 2.0sec med-Be/Open Open/thick-Al close Safe Norm 86ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec													
med-Be/Open med-Be/Open close Safe Norm 4.00s 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= 54 1-time(s) 2.0sec Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 12ms 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 #1BD7: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak last)

Term	Pointing (x, y)	Comment
04/30 13:44:00 - 04/30 17:21:30	Track (28.0, 123.3) @ 04/30 13:41:00	(End of synoptic). AR cont.
04/30 18:08:30 - 04/30 23:54:00	Track (68.5, 122.8) @ 04/30 18:05:30	# AR cont.
05/01 05:51:30 - 05/01 09:24:30	Track (175.2, 120.8) @ 05/01 05:48:30	# AR cont.

PROG= 07																
Inf.-time(s)																
Subr= 1																
8-time(s) 900.0sec																
Seqn= 8																
1-time(s) 2.0sec																
thin-Be/Open med-Be/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec																
thin-Be/Open med-Be/Open close Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec																
Seqn= 6																
1-time(s) 2.0sec																
Al-poly/Open Al-poly/Open close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec																
Al-poly/Open Al-poly/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec																
Subr= 2																
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																
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval																

└	Seqn= 8		1-time(s)	2.0sec										
	└	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	└	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
└	Seqn= 6		1-time(s)	2.0sec										
	└	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	└	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Subr= 2		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
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 water

Term			Pointing (x, y)					Comment							
05/01 04:03:00 - 05/01 05:38:24			Fixed (0.0, 0.0)					# HOP 349/448							
PROG= 16 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	

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Flare mode

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XOB #1D30: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + G

Term		Pointing (x, y)				Comment									
04/30 13:44:00 - 04/30 17:21:30		Track (28.0, 123.3) @ 04/30 13:41:00				(End of synoptic). AR cont.									
04/30 18:08:30 - 04/30 23:54:00		Track (68.5, 122.8) @ 04/30 18:05:30				# AR cont.									
05/01 00:20:00 - 05/01 03:59:54		Track (-21.0, -829.5) @ 05/01 00:00:00				# HOP 485 (southern hemisphere).									
05/01 04:03:00 - 05/01 05:38:24		Fixed (0.0, 0.0)				# HOP 349/448									
05/01 05:51:30 - 05/01 09:24:30		Track (175.2, 120.8) @ 05/01 05:48:30				# AR cont.									
PROG= 12 30-time(s)															
Subr= 1		1-time(s)		2.0sec											
└ Seqn= 60		1-time(s)		2.0sec											
└└ Al-poly/Open		thin-Be/Open	close	Safe	Norm	1ms	Obs	2x2	512x512 (1024, 1024)	Q=95	0	0	2.0sec		
Subr= 2		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= 3		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

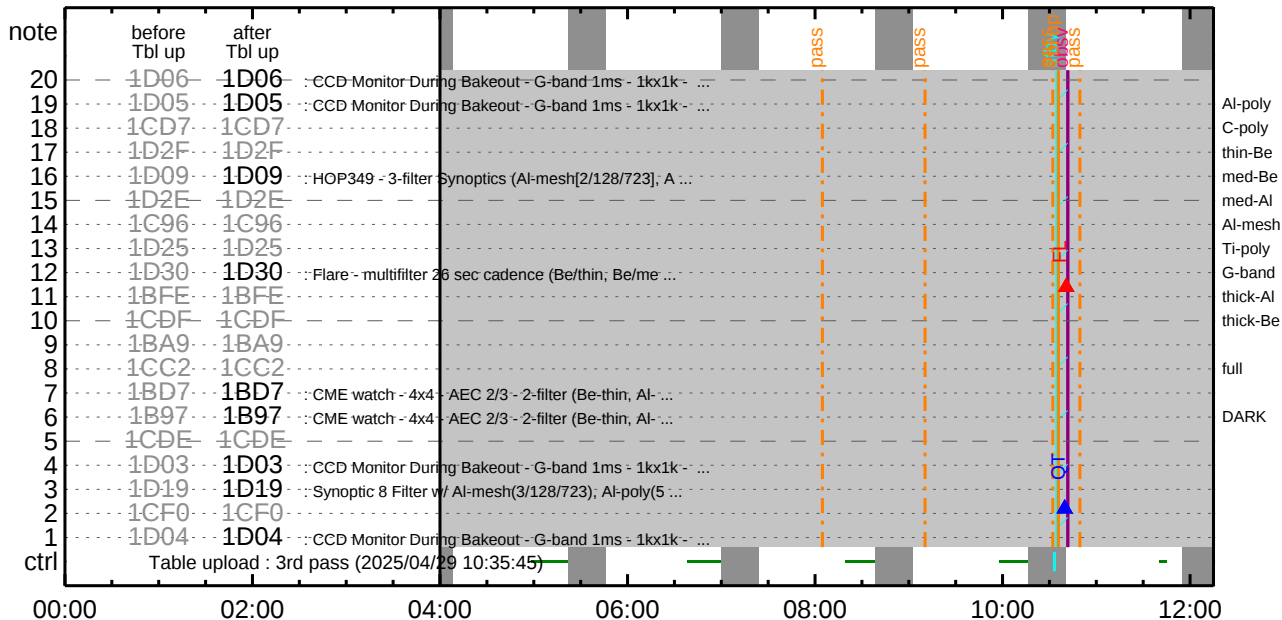
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Flare Detection

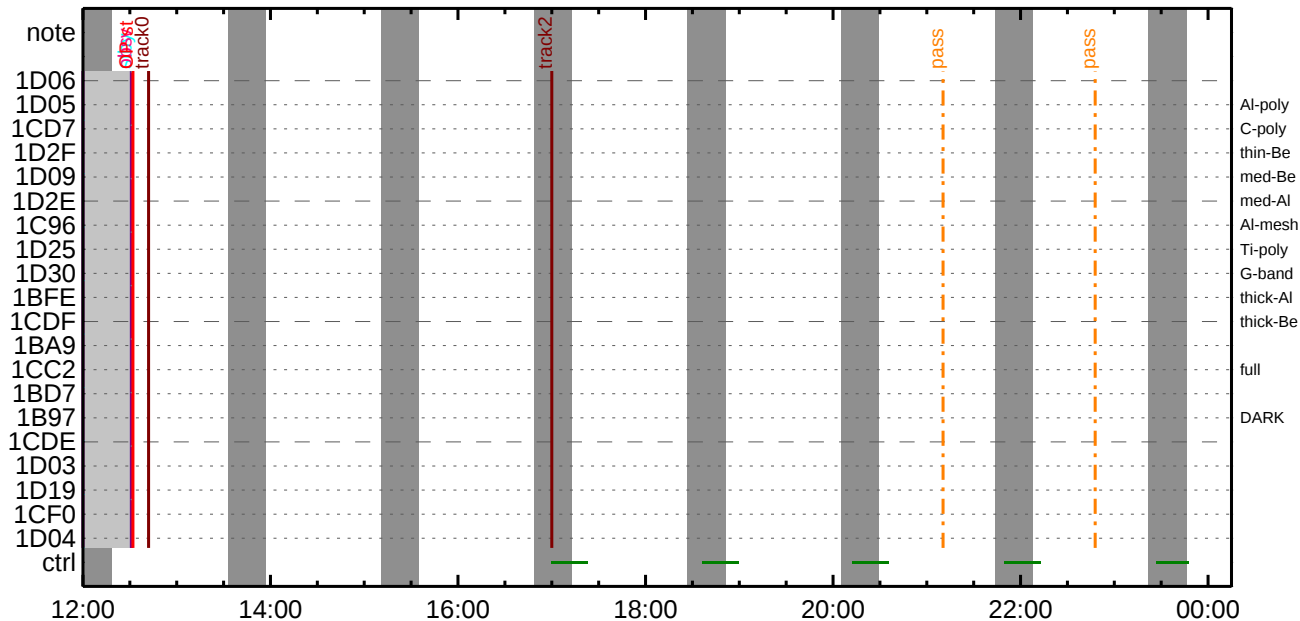
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FLD Patrol														
Term			Pointing (x, y)						Comment					
04/29 10:36:45 - 04/30 12:53:56			cannot be identified						(End of synoptic). AR cont.					
04/30 13:41:16 - 04/30 17:55:48			Track (	28.0,	123.3)	@ 04/30 13:41:00								
04/30 18:05:46 - 05/01 05:38:48			Track (	68.5,	122.8)	@ 04/30 18:05:30	# AR cont.							
05/01 05:48:46 - 05/03 10:56:00			Track (	175.2,	120.8)	@ 05/01 05:48:30	# AR cont.							
AI-poly/Open			AI-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		

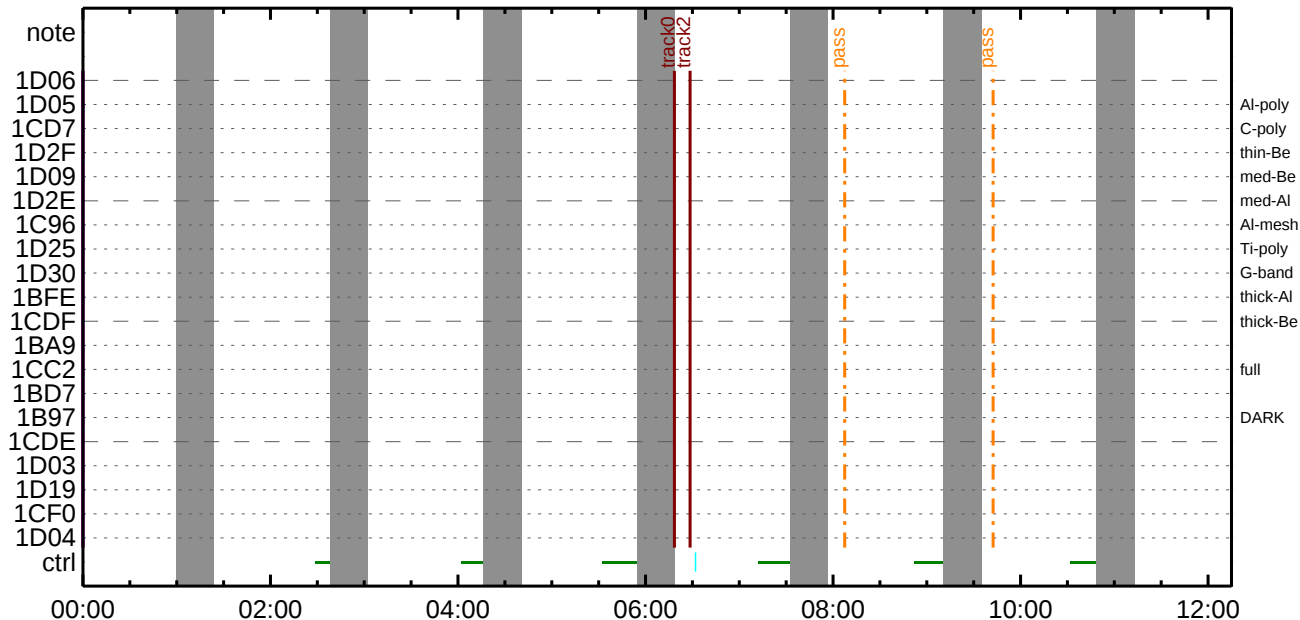
CMDI #0555 2025/04/29



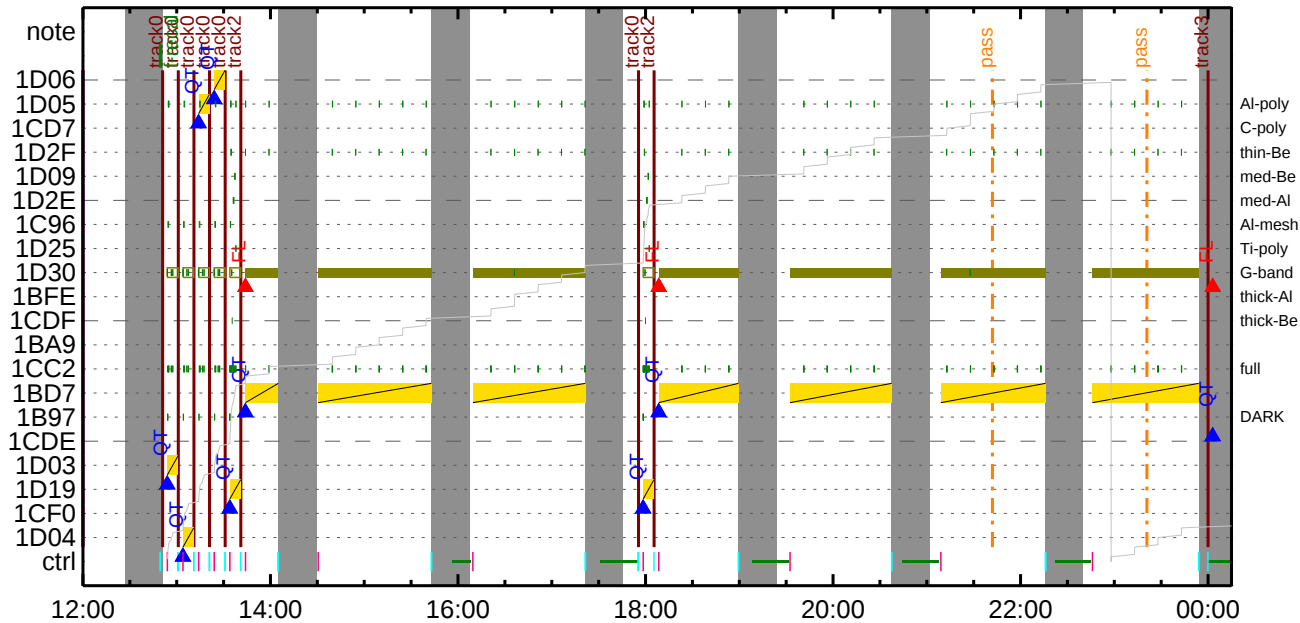
CMDI #0555 2025/04/29



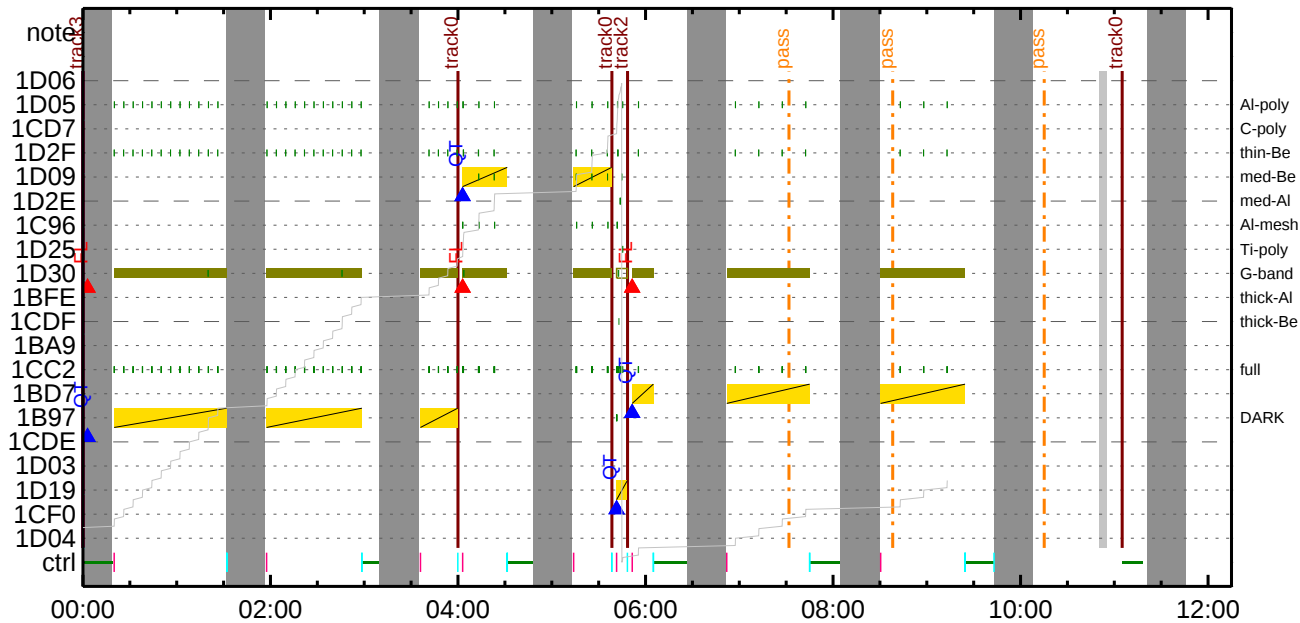
CMDI #0555 2025/04/30



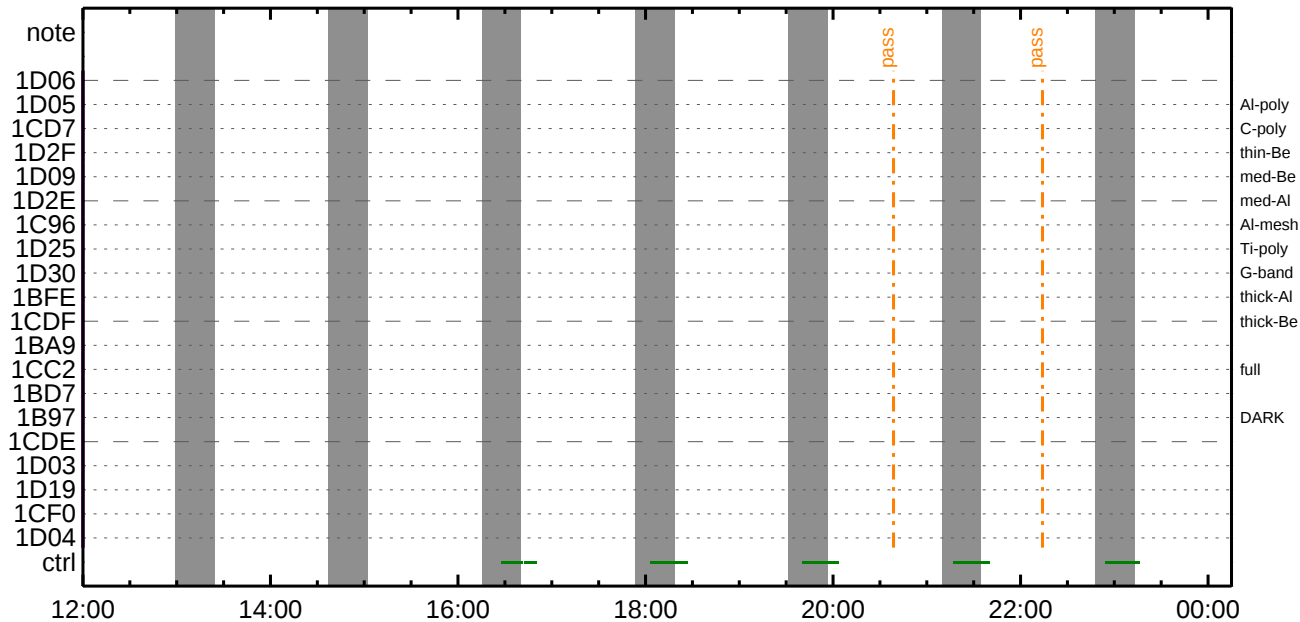
CMDI #0555 2025/04/30



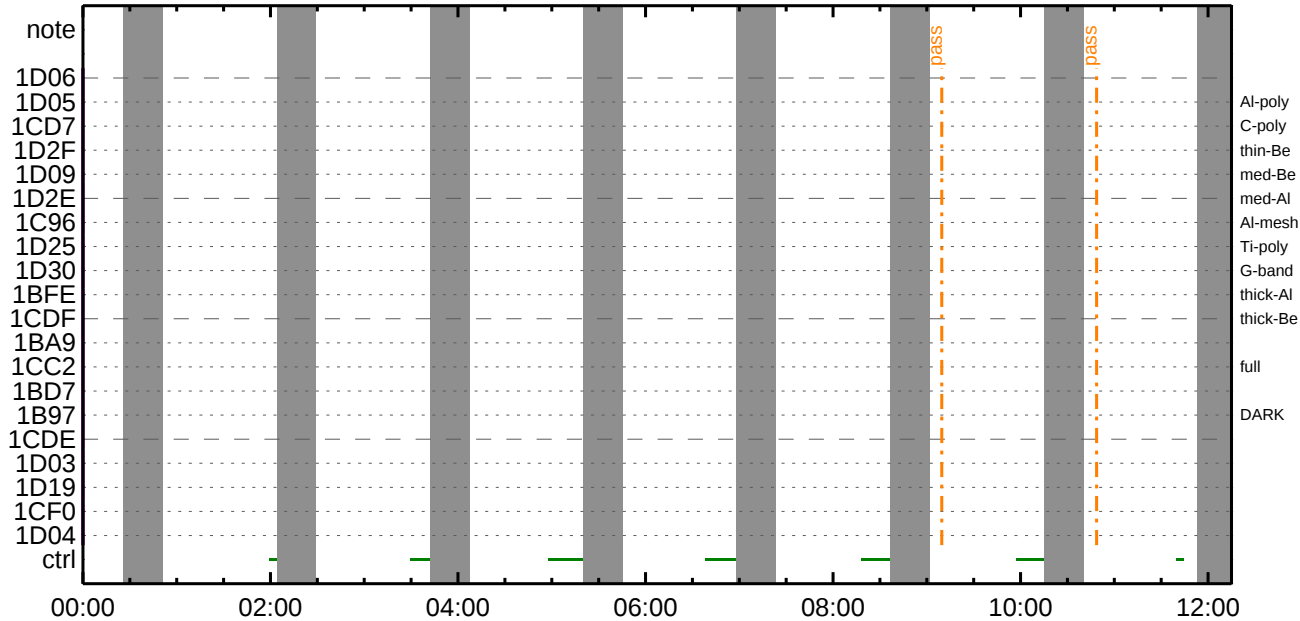
CMDI #0555 2025/05/01



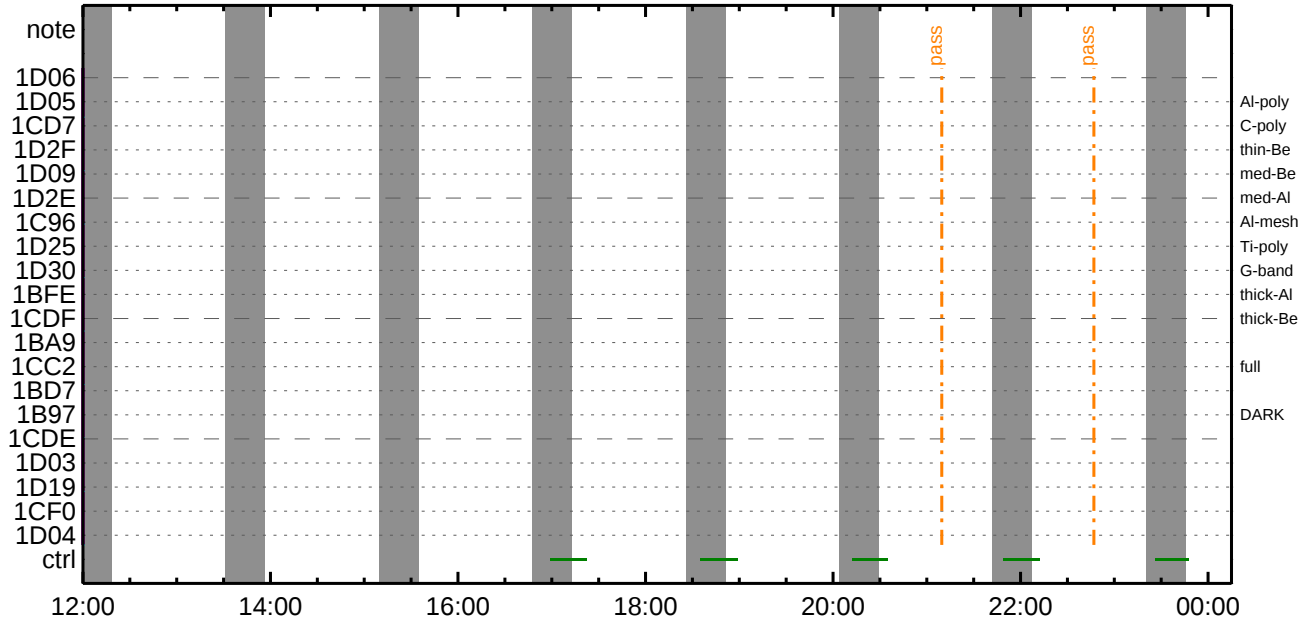
CMDI #0555 2025/05/01



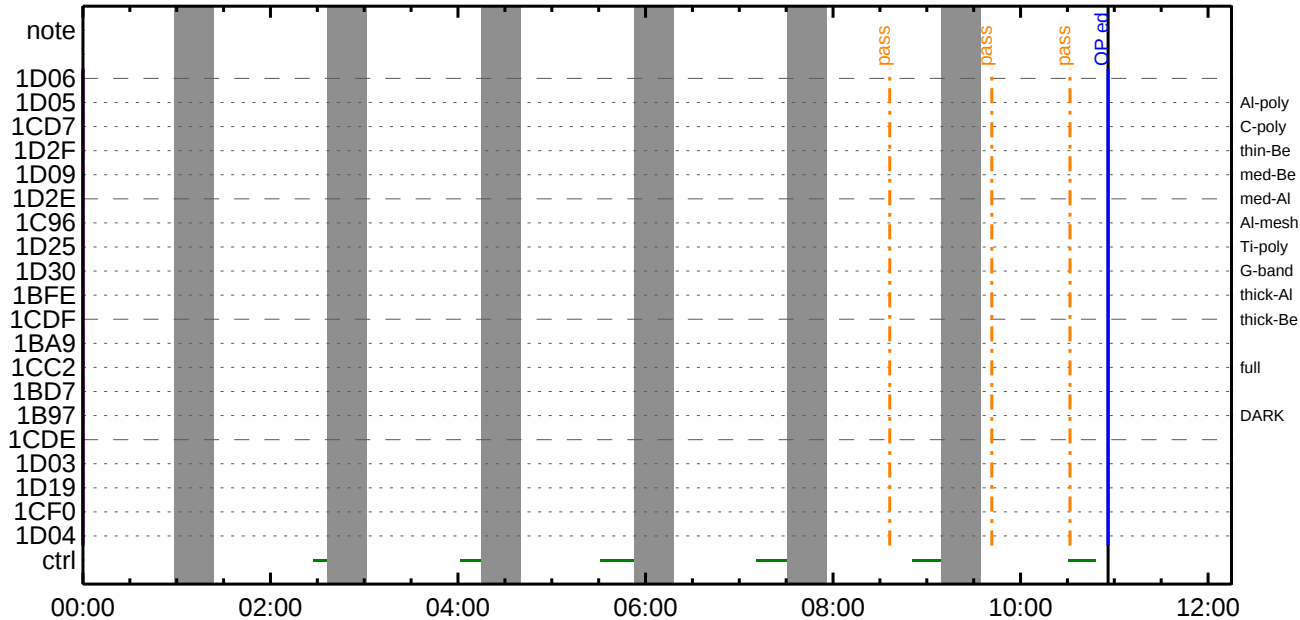
CMDI #0555 2025/05/02

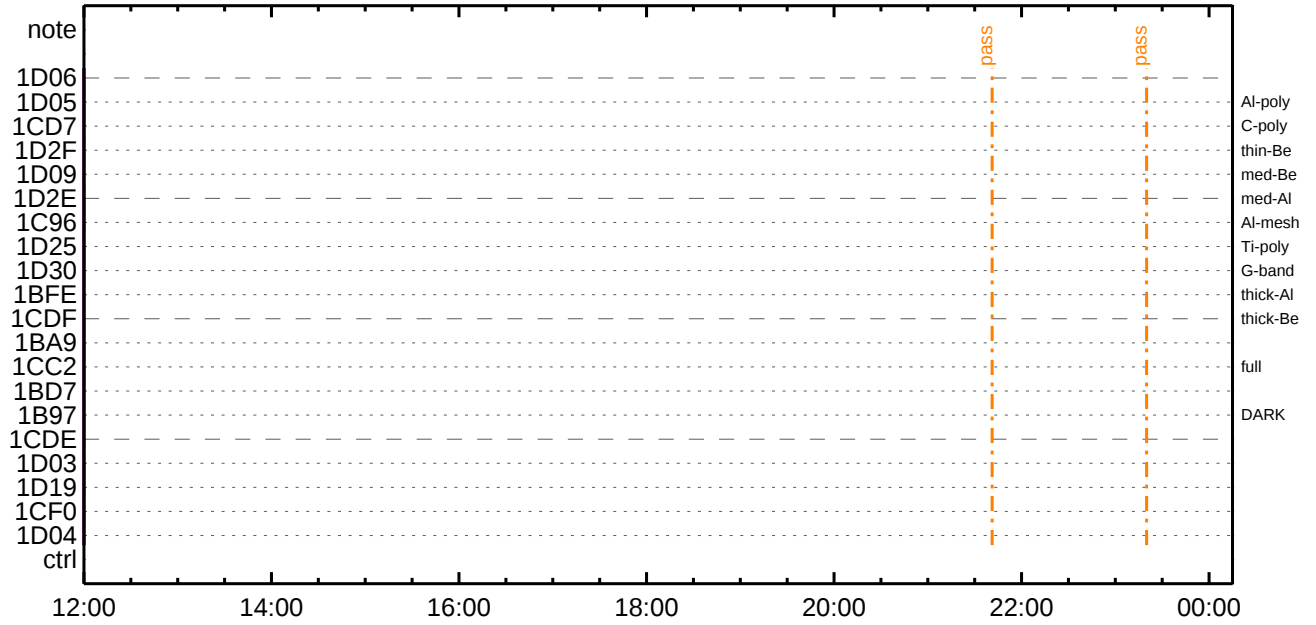


CMDI #0555 2025/05/02



CMDI #0555 2025/05/03





(a) Spacecraft Operation Procedure (real-commands)

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main-242 2025-04-29 13:19:27 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Á¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼¿¼Ä¼•µ°Æ»Í×ÁÇ¼Í¥Ç¥Á¥×¥í;¼¥É;ËËè¼µ•ííË;ËËË¼°Ç®¼•¼¿¼¹Ç¼Í;ÇÀ®,ù¼¹¼è¼µ¼ÇÁ÷¿®¼•¼Ë¼µ¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;¥Á¥ó¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-242:OP
0020 ()
0021 . S. OG og-242:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°è¥Á¥ó¥×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0036 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0041 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOG¼í¾Ë¹Ç•è²íOK¼³íÇ$
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0055 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0060 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOG¼í¾Ë¹Ç•è²íOK¼³íÇ$
0062 C.
0063 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. ¢¢[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. ¢¢[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. ¢¢[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. ¢¢[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. ¢¢[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. ¢¢[HK1_PKT_FORM_NO] EQ 7
0074 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. ¢¢[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ¥À¥ó¥×¼°áî»¼³íÇ$
0079 C. ¢¢[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OP¼í¾Ë¹Ç•è²íOK¼³íÇ$
0081 C.
0082 . C. ***** °Ë²¼¼í¾Ä¹¼¼°¼ËË~¼°Á÷¿® (¾å¼µ-¥À¥ó¥×¼°è¼Ç¼¼°ÁÄ¼µ¼Ç¾°¼¼°¼è¾¼¹Ç¼Ç¼å) *****
0083 C. DHU¥ä;¼¥É;Ë¼ý½, ¥í;¼¥É;Ë¼òíá¼¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. ¢¢[HK1_PKT_FORM_NO] EQ 2
0087 C. ¢¢[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. ¢¢[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. ¢¢[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;$ OPOG UPLOAD¼¬Á÷¿®NG¼í¾¼¹Ç;Ç°Ë²¼¼íTI-CMDÁ÷¿®¼í¾Ä¹¼¼°¼Ë¼µ¼³¼È;£
```

0096	C.	SET EDUMP I± iYÑY¹Ç¹Ô±;³E;f		
0097	C.			
0098	C.	TIY³YDYOÉDÄI; (UT)		
0099	+	TI 2025-04-29 12:27:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+	TI 2025-04-29 12:27:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+	TI 2025-04-29 12:27:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+	TI 2025-04-29 12:31:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	°Ê²¼±İÄë¼İİÑ±İYÄY\$YÄY¹¹äiÜ		
0116	C.	ÇÇ [HK1_TI_CMD_ENA/DIS]	EQ	ENA
0117	C.	ÇÇ [HK1_TI_CMD_NUM]	EQ	4
0118	C.	ÇÇ [HK1_NEXT_EXEC_PIM]	EQ	DHU
0119	C.	ÇÇ [HK1_NEXT_EXEC_DC]	EQ	0xB3
0120	C.			
0121	C.	*****		
0122	C.	TIİİ°èYÄYóY×		
0123	C.	*****		
0124	C.			
0125	C.	TI_TBL (0x03AB00-0x03AEFF;S 1024byte)		
0126	+	DC 01-23 DHU_DMA_DMP_PRM_SET		
0127	BC	(03 ab 03 01 02)		
0128	C.	ÇÇ [HK1_DMP_TOP_ADRS_1]	EQ	07
0129	C.	ÇÇ [HK1_DMP_TOP_ADRS_0]	EQ	2B
0130	C.	ÇÇ [HK1_DMP_BLOCK_NUM]	EQ	3
0131	C.	ÇÇ [HK1_DMP_REPEAT_NUM]	EQ	0
0132	C.	ÇÇ [HK1_DMA_DMP_PIM]	EQ	DHU
0133	+	DC 01-22 DHU_MODE_CHNG		
0134	BC	(07 0b f8)		
0135	C.	ÇÇ [HK1_PKT_FORM_NO]	EQ	7
0136	C.	ÇÇ [HK1_PKT_GEN_TIME]	EQ	0.25 s
0137	C.	ÇÇ [HK1_S_TLM_BIT_RATE]	EQ	32k
0138	C.	ÇÇ [HK1_X_TLM_BIT_RATE]	EQ	4M
0139	C.	ÇÇ [HK1_DMP_CHK_FLG]	EQ	EXEC
0140	C.			
0141	C.	YÄYóY×½¹İ»±ò³İÇ\$		
0142	C.	ÇÇ [HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBL±İ¼È¹Ç•ë²İOK±ò³İÇ\$		
0145	C.			
0146	C.	DHUYâ;¼YÉ;Ê¼Y½,Yì;¼YÈ;Ë±òİá±¹		
0147	+	DC 01-22 DHU_MODE_CHNG		
0148	BC	(02 0a f8)		
0149	C.	ÇÇ [HK1_PKT_FORM_NO]	EQ	2
0150	C.	ÇÇ [HK1_PKT_GEN_TIME]	EQ	0.5S
0151	C.	ÇÇ [HK1_S_TLM_BIT_RATE]	EQ	32K
0152	C.	ÇÇ [HK1_X_TLM_BIT_RATE]	EQ	4M
0153	C.			
0154	C.	Stop EIS observation and temporarily disable EIS mode changes		
0155	C.			
0156	C.			
0157	C.	***** Start EIS operation (TI set) *****		
0158	C.	Execute, after the success of OP upload.		
0159	C.	Set EIS TI-commands		
0160	+	TI 2025-04-29 12:31:30.0		
0161	DC	07-FC EIS_MODE_MANU		
0162	BC	(21 02)		
0163	+	TI 2025-04-29 12:31:40.0		
0164	DC	07-FC EIS_MODE_CHG_DIS		
0165	BC	(22)		
0166	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0167	C.	***** End EIS operation (TI set) *****		
0168	C.			
0169	C.			
0170	C.			
0171	C.	***** XRT START *****		
0172	C.	Execute, after the success of OP upload.		
0173	+	TI 2025-04-29 12:31:00.0		
0174	DC	07-F0 MDP_XRT_MODE_STBY		
0175	BC	(c3)		
0176	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0177	C.			
0178	C.	***** XRT END *****		
0179	C.			
0180	C.	***** MDP 'GÄİ±İ»ö¼Y±EÄD±¹±èDCBC•×²è *****		
0181	C.	(¼Ä°İYÓYÄYÉYDYEYÄYÇYè±E½¼±¼Ä»Ü±¹±è)		
0182	S.	DC-BC dcbc-402:DCBC		
0183		(MDP_known_event)		
0184	C.			
0185	C.			
0186	C.	***** YDY¹•İ Daily±İİÑ±E'Ø±¹±èDCBC•×²è *****		
0187	S.	DC-BC dcbc-153:DCBC		
0188		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0189	C.			
0190	C.			
0191	C.	;äLOSYÄY\$YÄY¹¹Ä»Ü;ä		


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main-243 2025-04-29 13:27:27 178 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲÃŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲÄŲß;¼Ų³ŲÐŲóŲÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçðÄñ•µ°E»Í×ÄÇñÍŲçŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•ííË;ËñÉ¼°ÇÖñ•ñç¼í¹Çñİ;çÄ®,ùñ¹ñèñðñÇÄ÷ç®ñ•ñËñññ³ñË;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷ç®µ;ON
0016 C. *****
0017 C. °EÄ,Í×ËÝñäLOSñðñÇñİ»p´Öðòíí,ñ•;çÉÖÍ×ñËXÄÓONñİ¹ÖñËñíñËñññ³ñË;£
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. XŲÐŲóŲÉŲíŲÃŲ~¾ÖÄÖñ¬°ÄÄèñ•ñç,ç°Ë²¼ñİ°EÄ,¼è½Çñðò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äí¼í°EÄ,
0033 C. *****
0034 C. °° RESTART;ËPT1;Ëñ•ñç¼ñ¼í¹Çñİ;ç°Ë²¼ñİ¼Ä¹Öñññ°;çDCBC-150ñØçËñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,³«»İ;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,;¼Ü)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0045 C.
0046 . C. ;ãŲçŲóŲEŲËËÄÚÄØ;ËÄ•Ä°²öÈò;Ë,ãñí°EÄ,°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 (¼Ä¹Ö,;¼Ü)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñç,ä;ç°Ë²¼ñðò¼Ä¹Öñ¹ñè;£
0055 C. ŲçŲóŲEŲËËÄÚÄØñäÄ•Ä°²öÈòñ¬¼áñ¼í¹Çñİ´°í»ñ¹ñèñðñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äí¼í°EÄ,
0059 C. *****
0060 C. °° RESTART;ËPT2;Ëñ•ñç¼ñ¼í¹Çñİ;ç°Ë²¼ñİ¼Ä¹Öñññ°;çDCBC-151ñØçËñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,³«»İ;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,;¼Ü)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0071 C.
0072 . C. ;ãŲçŲóŲEŲËËÄÚÄØ;ËÄ•Ä°²öÈò;Ë,ãñí°EÄ,°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 (¼Ä¹Ö,;¼Ü)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0078 C.
0079 . C. *****
0080 C. DR°EÄ,Ää»ß;çXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EÄ,Ää»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. ;ãXÄ÷ç®µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1 XPA ON/OFF] EQ OFF
```

```

0096 C.
0097 C.
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCS Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 C.
0129 . C. ***** AOCS Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 7778615.7 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 15s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-820:EIS_OBSTBL
0150 ()
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2025-04-29 12:31:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'ûÃîî»ö¼ÝñÊÄñ¹ñëDCBC•×²è *****
0165 C. (¾å°î¥Ó¥Å¥Ê¥Ð¥Ê¥Å¥Ç¥ÊñÊ¼¾ñ¼Å»Û¹ñë)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑñÊ'Øñ¹ñëDCBC•×²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOS¥Á¥S¥Ã¥¹¼Å»Û;ä
0176 C.
0177 . C. ***** LOS *****
0178 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-244 2025-04-29 13:19:27 104 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸ$ŸÄŸ~¼Ä»Ü;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;Ēñ¿ñÄñ•µ°Ēñİ×ÄÇñİŸçŸÄŸ×Ÿí;¼ŸÉ;ĒĒè½µ•ííĒ;ĒñĒ¼°ÇÖñ•ñ¿¼í¹Çñİ;çÄ®,ùñ¹ñĒñDñÇÄ÷¿®ñ•ñĒñññ³ñĒ;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 06 80 80 20 20)
0044 +. DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 08)
0046 +. DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 08 20)
0048 +. DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 c0 c0 10 10)
0050 +. DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 40 c0 10 10)
0052 +. DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 40 40 10 10)
0054 +. DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0c c0 40 10 10)
0056 +. DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0d 80 80 08 08)
0058 +. DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0f 80 80 06 06)
0060 +. DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 10 80 80 08 08)
0062 +. DC 07-F0 MDP_XRT_FLD_ENA
0063 BC (d8)
0064 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0065 BC (c8)
0066 +. DC 07-F0 MDP_XRT_ARS_DIS
0067 BC (d5)
0068 +. DC 07-F0 MDP_XRT_AEC_RESET
0069 BC (d0)
0070 +. DC 07-F0 MDP_XRT_FLD_RESET
0071 BC (da)
0072 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0073 BC (c4 03)
0074 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0075 BC (c5 0c)
0076 . C. ----- Success Verify ? OK / NG ____
0077 C.
0078 C.
0079 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0080 C.
0081 +. DC 07-F0 MDP_XRT_MODE_OBSV
0082 BC (c2)
0083 +. TI 2025-04-29 12:31:02.0
0084 DC 07-F0 MDP_XRT_MODE_OBSV
0085 BC (c2)
0086 . C. ----- Success Verify ? OK / NG ____
0087 C.
0088 C. ***** XRT END *****
0089 C.
0090 . C. ***** MDP 'ûÄîñİ»ö¾ŸñĒĒñ¹ñĒDCBC•×²è *****
0091 C. (¾â°îŸÖŸÄŸĒŸDŸŸĒŸÄŸçŸĒñĒĒ¾¾¾¾Ä»Üñ¹ñĒ)
0092 . S. DC-BC dcbc-402:DCBC
0093 (MDP_known_event)
0094 C.
0095 C.
```

0096 . C. ***** ¥ÐŸ¹•Ï Daily±¿ÍÑ¤Ë'Ø¤¹¤ëDCBC•x²è *****
0097 . S. DC-BC dcbc-153:DCBC
0098 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0099 C.
0100 C.
0101 . C. ¡ãLOS¥Á¥\$¥Ã¥´¼Â»Ü¡ä
0102 C.
0103 . C. ***** LOS *****
0104 C.

```
main-245 2025-04-29 13:27:27 113 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŲÁŲ$ŲÃŲ~¼Ä»Ü;ä
0005 C.
0006 C. ŲÄŲß;¼Ų³ŲÐŲóŲÉÄ÷ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Äí;ËñçðÄñ•µ°E»Í×ÄÇñÍŲçŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•ííË;ËñÉ¼°ÇÖñ•ñç¼í¹ÇñÏ;çÄ®,ùñ¹ñèñÐñÇÄ÷ç®ñ•ñËñññ³ñË;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷ç®µ;ON
0016 C. *****
0017 C. °EÄ,Í×ËÝñäLOSñÐñÇñÍ»p´Öðòíí,ñ•;çÉÖÍ×ñËXÄÓONñÏ¹ÖñËñíñËñññ³ñË;£
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. XŲÐŲóŲÉŲíŲÃŲ~¾ÖÄÖñ¬°ÄÄèñ•ñç,ç°Ë²¼ñí°EÄ,¼è½Çñðò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äí¼í°EÄ,
0033 C. *****
0034 C. °° RESTART;ËPT1;Ëñ•ñç¼ñ¼í¹ÇñÏ;ç°Ë²¼ñí¼Ä¹Öñññ°;çDCBC-150ñØçËñà;£
0035 C.
0036 . C. ;ãPT1°EÄ,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,;¼Ü)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0045 C.
0046 . C. ;ãŲçŲóŲEŲËËÄÚÄØ;ËÄ•Ä°²óËò;Ë,ãñí°EÄ,°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 (¼Ä¹Ö,;¼Ü)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0052 C.
0053 C.
0054 . C. PT1°EÄ,ñ¬¼«E°Ää»ßñ•ñç,ä;ç°Ë²¼ñðò¼Ä¹Öñ¹ñè;£
0055 C. ŲçŲóŲEŲËËÄÚÄØñäÄ•Ä°²óËòñ¬¼áñ¼í¹ÇñÏ´°í»ñ¹ñèñÐñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äí¼í°EÄ,
0059 C. *****
0060 C. °° RESTART;ËPT2;Ëñ•ñç¼ñ¼í¹ÇñÏ;ç°Ë²¼ñí¼Ä¹Öñññ°;çDCBC-151ñØçËñà;£
0061 C.
0062 . C. ;ãPT2°EÄ,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,;¼Ü)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0071 C.
0072 . C. ;ãŲçŲóŲEŲËËÄÚÄØ;ËÄ•Ä°²óËò;Ë,ãñí°EÄ,°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 (¼Ä¹Ö,;¼Ü)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ä¹Ö,;¼Ü)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö,;¼Ü)
0078 C.
0079 . C. *****
0080 C. DR°EÄ,Ää»ß;çXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EÄ,Ää»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. ;ãXÄ÷ç®µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1 XPA ON/OFF] EQ OFF
```

0096 C.
0097 C.
0098 C.
0099 . C. ***** MDP ´ûÃîñî»ö¼ýñëâðñ¹ñèDCBC•×²è *****
0100 C. (¾å°ì¥Ó¥Ã¥È¥Ð¥Ë¥â¥ç¥ëñ½¾ñ¼Ã»Ûñ¹ñè)
0101 . S. DC-BC dcbc-402:DCBC
0102 (MDP_known_event)
0103 C.
0104 C.
0105 . C. ***** ¥Ð¥¹•Ï Daily±¿îññë´øñ¹ñèDCBC•×²è *****
0106 . S. DC-BC dcbc-153:DCBC
0107 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0108 C.
0109 C.
0110 . C. ;ãLOS¥Á¥\$¥Ã¥´¼Ã»Û;ä
0111 C.
0112 . C. ***** LOS *****
0113 C.

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2025/04/30	13:31:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	00	00	00
2025/04/30	13:31:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2025/04/30	13:31:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2025/04/30	13:31:22.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2025/04/30	13:33:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2025/04/30	13:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/04/30	13:40:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	13:40:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2025/04/30	13:41:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02	03	8d	01
2025/04/30	13:41:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2025/04/30	13:41:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2025/04/30	13:41:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2025/04/30	13:41:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2025/04/30	13:41:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/04/30	13:43:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2025/04/30	13:43:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0c		
2025/04/30	13:44:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/04/30	14:05:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	14:05:02.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	14:05:04.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/04/30	14:05:06.5	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2025/04/30	14:08:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2025/04/30	14:29:30.0	XRT_Custom_430_OG [0x1ae]							
2025/04/30	14:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/04/30	15:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	15:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	15:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/04/30	15:43:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2025/04/30	15:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2025/04/30	16:08:30.0	XRT_Custom_430_OG [0x1ae]							
2025/04/30	16:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/04/30	17:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	17:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	17:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2025/04/30	17:21:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2025/04/30	17:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2025/04/30	17:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	17:55:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	17:55:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2025/04/30	17:55:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00
2025/04/30	17:55:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2025/04/30	17:55:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2025/04/30	17:55:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2025/04/30	17:58:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2025/04/30	17:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2025/04/30	18:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2025/04/30	18:05:26.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00

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2025/04/30	18:05:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76 02 03 8d 01 db	
2025/04/30	18:05:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2025/04/30	18:05:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2025/04/30	18:05:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2025/04/30	18:05:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2025/04/30	18:05:54.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/04/30	18:08:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 07	
2025/04/30	18:08:28.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0c	
2025/04/30	18:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/04/30	18:59:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	18:59:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	18:59:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/04/30	18:59:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/04/30	19:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/04/30	19:31:30.0	XRT_Custom_430_OG [0x1ae]			
2025/04/30	19:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/04/30	20:37:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	20:37:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	20:37:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/04/30	20:37:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/04/30	20:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/04/30	21:08:00.0	XRT_Custom_430_OG [0x1ae]			
2025/04/30	21:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/04/30	22:16:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	22:16:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	22:16:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/04/30	22:16:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/04/30	22:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/04/30	22:45:00.0	XRT_Custom_430_OG [0x1ae]			
2025/04/30	22:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/04/30	23:54:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	23:54:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	23:54:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/04/30	23:54:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2025/04/30	23:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2025/04/30	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/04/30	23:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00	
2025/05/01	00:00:00.0	AOCS_ORe-point_Start_8_OG [0x09e]			
		AOCU_NM	5	02-76 03 03 8d 01 db	
2025/05/01	00:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2025/05/01	00:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2025/05/01	00:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2025/05/01	00:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2025/05/01	00:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2025/05/01	00:02:56.0	XRT_QT_PROG_SET_403_OG [0x193]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 06	
2025/05/01	00:02:58.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0c	
2025/05/01	00:19:00.0	XRT_Custom_430_OG [0x1ae]			
2025/05/01	00:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2025/05/01	01:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2025/05/01	01:32:02.0	XRT_CTRL_MANU_402_OG [0x192]			

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2025/05/01	01:32:04.0	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/01	01:32:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/01	01:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/01	01:56:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/01	01:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/01	02:58:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	02:58:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	02:58:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/01	02:58:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/01	03:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/01	03:35:00.0	XRT_Custom_430_OG [0x1ae]			
2025/05/01	03:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/01	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/01	04:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/05/01	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/01	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/01	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/01	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/01	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/01	04:02:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/05/01	04:02:58.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/01	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/01	04:31:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	04:31:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	04:31:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/01	04:31:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/01	04:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/01	05:13:00.0	XRT_Custom_430_OG [0x1ae]			
2025/05/01	05:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/01	05:38:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	05:38:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	05:38:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/01	05:38:30.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/05/01	05:38:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/01	05:38:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/01	05:38:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/01	05:41:28.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2025/05/01	05:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/01	05:48:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/01	05:48:26.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/01	05:48:30.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	02 03 8d 01 db
2025/05/01	05:48:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/01	05:48:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/01	05:48:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/01	05:48:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/01	05:48:54.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/01	05:51:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]			

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2025/05/01	05:51:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07
2025/05/01	05:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0c
2025/05/01	06:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/01	06:05:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/01	06:05:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/01	06:05:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/05/01	06:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/05/01	06:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/05/01	06:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/05/01	07:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/01	07:45:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/01	07:45:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/01	07:45:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/05/01	07:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/05/01	08:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/05/01	08:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/05/01	09:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/01	09:24:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/01	09:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/01	09:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/01	09:24:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/05/01	09:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/05/01	09:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/05/01	11:05:00.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		AOCU_NM		5	02-76	00	00 00 00 00 00