

Period: 2025/05/03 10:56:00 - 2025/05/08 11:25:00

XOB #1D2F: Synoptic 8 Filter w/ Al-mesh(5/181/1443), Al-poly(12/256/2048), Thin-Be(45/1024/8192), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(256/512/8192)														
Term		Pointing (x, y)			Comment									
05/03 17:08:00 - 05/03 17:17:00		Fixed (0.0, 0.0)			synoptic, shifted -5.0 min for XRT stray light measurements									
05/04 05:40:30 - 05/04 05:47:24		Fixed (0.0, 0.0)			synoptic, shifted -22.5 min									
05/04 17:40:00 - 05/04 17:49:00		Fixed (0.0, 0.0)			synoptic, shifted -22.0 min + XRT stray light measurements									
05/05 05:57:30 - 05/05 06:04:24		Fixed (0.0, 0.0)			synoptic, shifted -5.5 min									
05/05 18:12:00 - 05/05 18:21:30		Fixed (0.0, 0.0)			synoptic + XRT stray light measuremnts									
05/06 06:22:30 - 05/06 06:29:24		Fixed (0.0, 0.0)			synoptic, shifted 19.5 min									
PROG= 17 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= 66 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	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh		Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 22 1-time(s) 2.0sec														
Al-poly/Open		Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open		Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Seqn= 19 1-time(s) 2.0sec														
thin-Be/Open		thin-Be/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open		thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open		thin-Be/Open	close	Safe	Norm	8.00s	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= 65 1-time(s) 2.0sec														
Open/thick-Be		Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
Seqn= 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= 89 1-time(s) 2.0sec														

XOB #1D31: Stray light study 2025-1; Al-mesh and Al-poly, 2x2 full FOV(1min-cad) and 1x1 384 on AR(10sec-cad)																
Term			Pointing (x, y)				Comment									
05/03 17:19:30 - 05/03 17:32:54			Fixed (0.0, 0.0)				synoptic, shifted -5.0 min for XRT stray light measurements									
PROG= 15 1-time(s) 2.0sec																
Subr= 2 16-time(s) 2.0sec																
Seqn= 9 1-time(s) 10.0sec																
Open/Al-mesh Open/thick-Al close Safe Norm 2.83s Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec																
Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec																
Subr= 3 9-time(s) 2.0sec																
Seqn= 49 1-time(s) 2.0sec																
Open/Al-mesh Open/Ti-poly close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) DPCM 0 0 2.0sec																
Al-poly/Open Al-poly/Open close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) DPCM 0 0 2.0sec																
Seqn= 9 3-time(s) 10.0sec																
Open/Al-mesh Open/thick-Al close Safe Norm 2.83s Obs 1x1 384x384 (1024, 1024) Q=95 0 0 2.0sec																
Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 384x384 (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																

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															

XOB #1D33: Stray light study 2025-3 ; med-Be, 2x2 full FOV(1min-cad) and 1x1 384x384 (18sec-cad) at Center		
Term	Pointing (x, y)	Comment

05/05 18:24:00 - 05/05 18:35:54				Fixed (0.0, 0.0)		synoptic + XRT stray light measuremnts								
PROG= 11 1-time(s)														
Subr= 2		20-time(s)		2.0sec										
Seqn= 9		1-time(s)		10.0sec										
Open/Al-mesh		Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)		Q=95	0	0	2.0sec
Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)		Q=95	0	0	2.0sec
Subr= 3		6-time(s)		2.0sec										
Seqn= 56		1-time(s)		2.0sec										
med-Be/Open		med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)		DPCM	0	0	2.0sec
Seqn= 9		3-time(s)		10.0sec										
Open/Al-mesh		Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)		Q=95	0	0	2.0sec
Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (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	

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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) + GL

Term	Pointing (x, y)	Comment
05/03 11:13:30 - 05/03 17:04:54	Track (-371.4, 151.5) @ 05/03 11:06:00	# OP start + 10min. AR 14079 observations.
05/03 17:55:00 - 05/04 03:59:54	Track (-315.9, 152.4) @ 05/03 17:33:00	# AR obs.
05/04 04:03:00 - 05/04 05:37:24	Fixed (0.0, 0.0)	# HOP 448/349
05/04 05:50:30 - 05/04 17:36:54	Track (-207.7, 153.5) @ 05/04 05:47:30	# AR obs.
05/04 18:27:00 - 05/05 03:29:00	Track (-96.6, 153.7) @ 05/04 18:03:00	# AR obs.
05/05 04:07:30 - 05/05 05:54:24	Fixed (0.0, 0.0)	# HOP 448/349
05/05 06:07:30 - 05/05 18:08:54	Track (13.3, 153.0) @ 05/05 06:04:30	# AR obs.
05/05 18:59:00 - 05/06 03:59:54	Track (127.3, 151.3) @ 05/05 18:36:00	# AR obs.
05/06 04:40:00 - 05/06 06:19:24	Fixed (0.0, 0.0)	# HOP 448/349
05/06 06:32:30 - 05/06 10:29:30	Track (233.5, 149.0) @ 05/06 06:29:30	# AR obs.

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

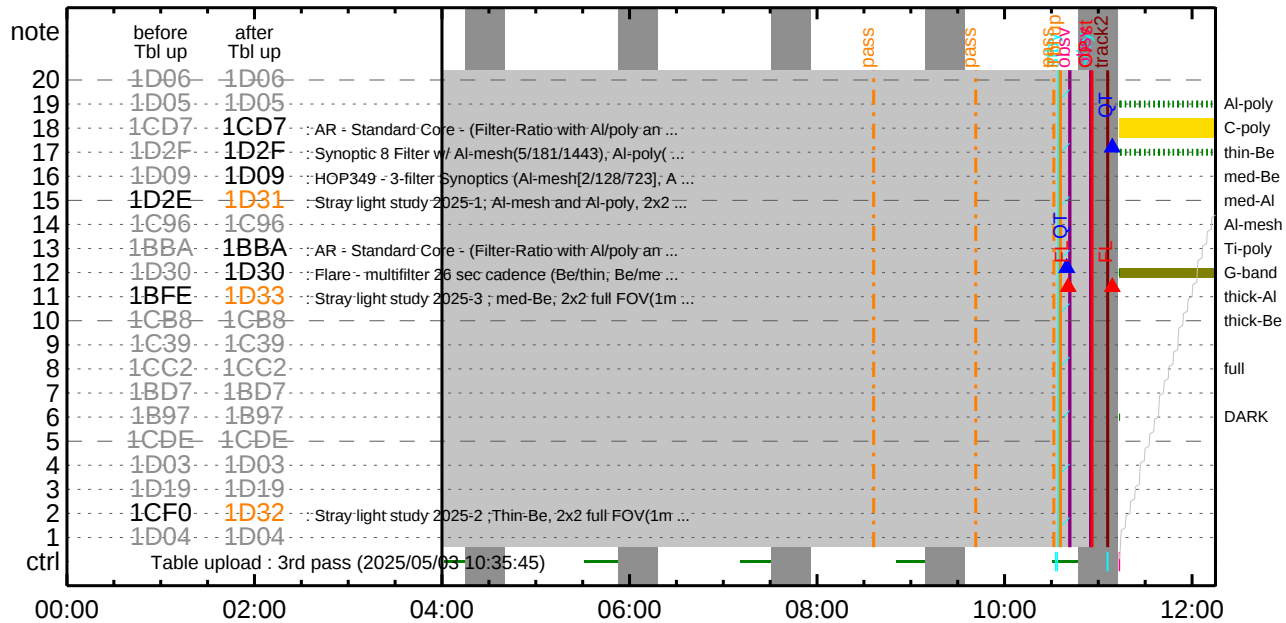
* * * * *

Flare Detection

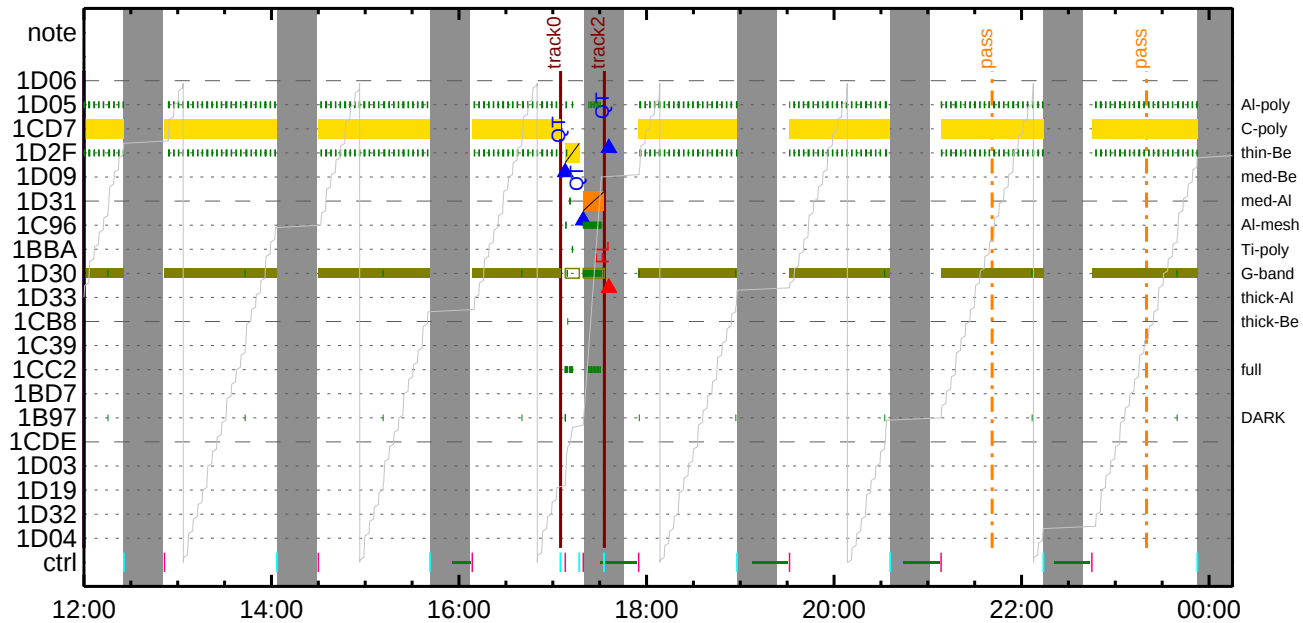
* * * * *

FLD Patrol												
Term		Pointing (x, y)							Comment			
05/03 10:36:45 - 05/03 17:05:18		cannot be identified										
05/03 17:33:18 - 05/04 05:37:48		Track (-315.9, 152.4) @ 05/03 17:33:00							# AR obs.			
05/04 05:47:48 - 05/04 17:37:18		Track (-207.7, 153.5) @ 05/04 05:47:30							# AR obs.			
05/04 18:03:18 - 05/05 05:54:48		Track (-96.6, 153.7) @ 05/04 18:03:00							# AR obs.			
05/05 06:04:48 - 05/05 18:09:18		Track (13.3, 153.0) @ 05/05 06:04:30							# AR obs.			
05/05 18:36:18 - 05/06 06:19:48		Track (127.3, 151.3) @ 05/05 18:36:00							# AR obs.			
05/06 06:29:48 - 05/08 11:25:00		Track (233.5, 149.0) @ 05/06 06:29:30							# 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

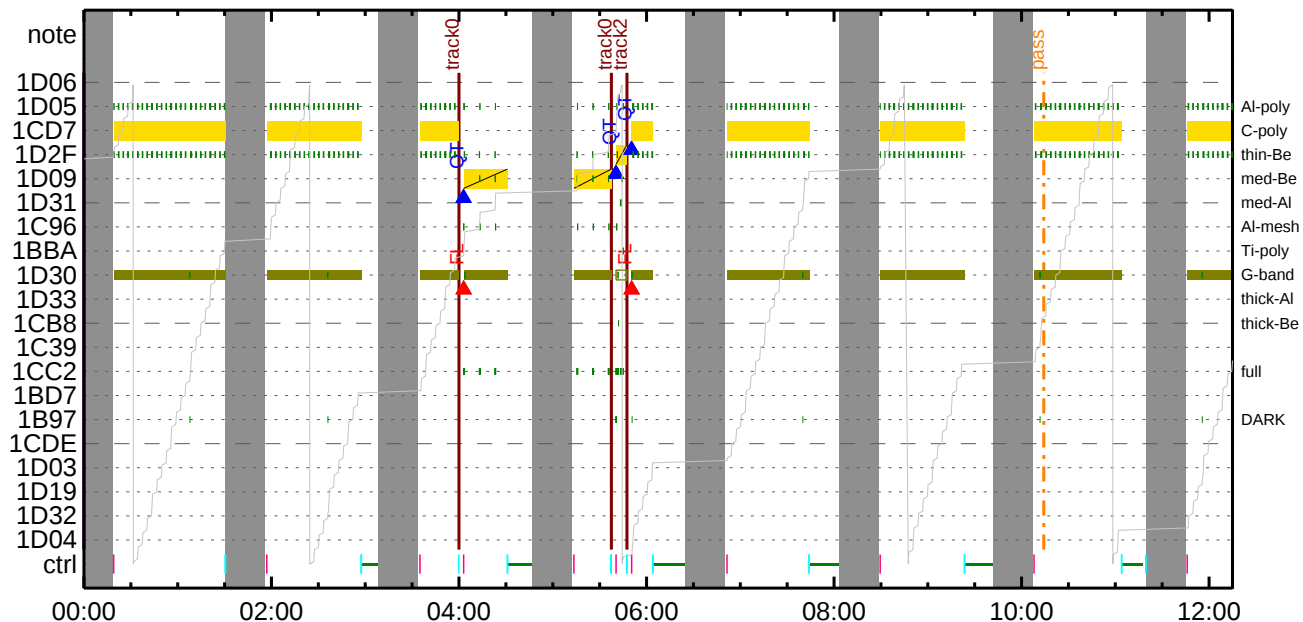
CMDI #0565 2025/05/03



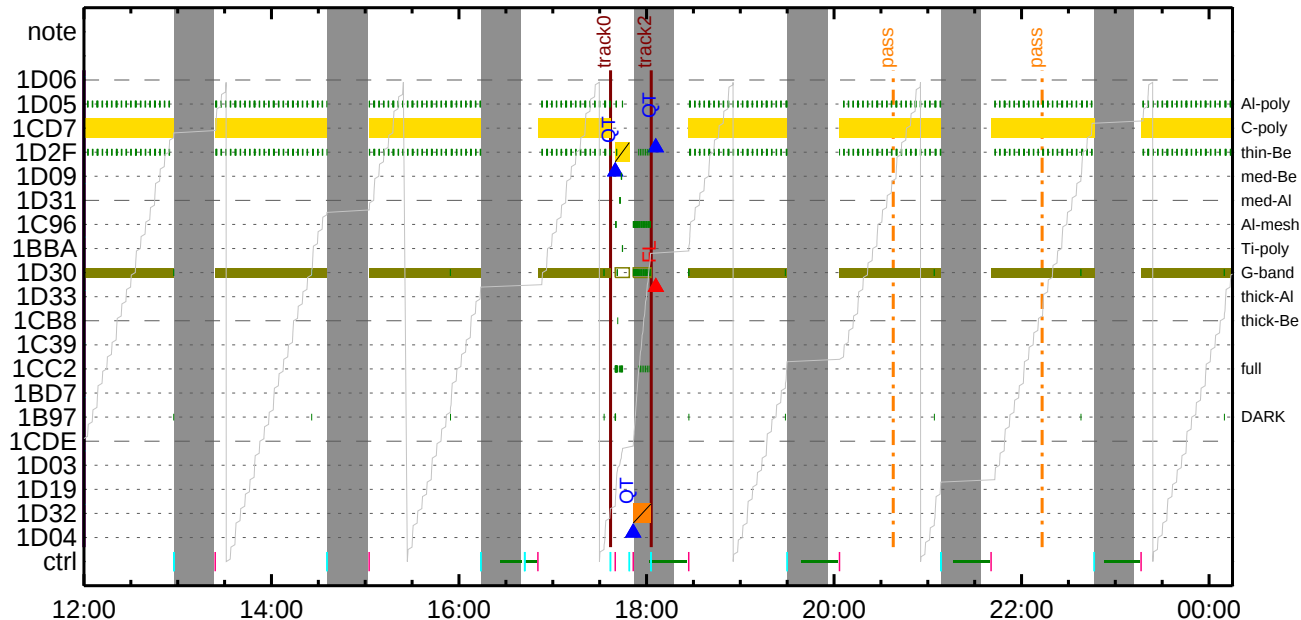
CMDI #0565 2025/05/03



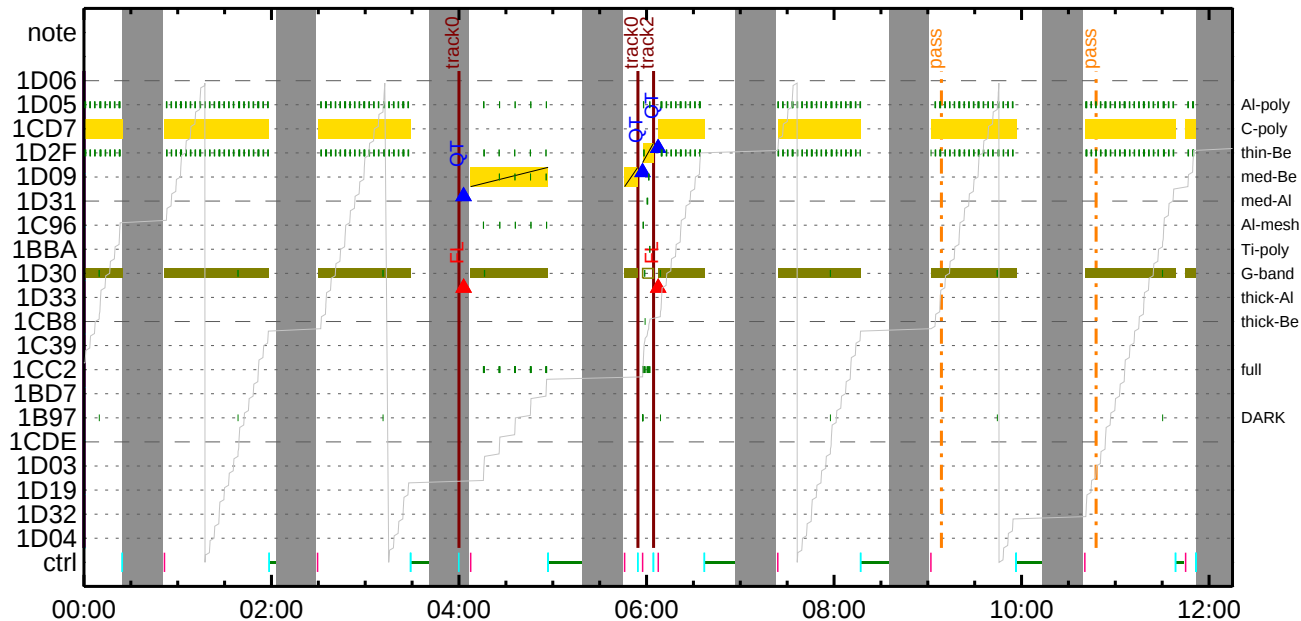
CMDI #0565 2025/05/04



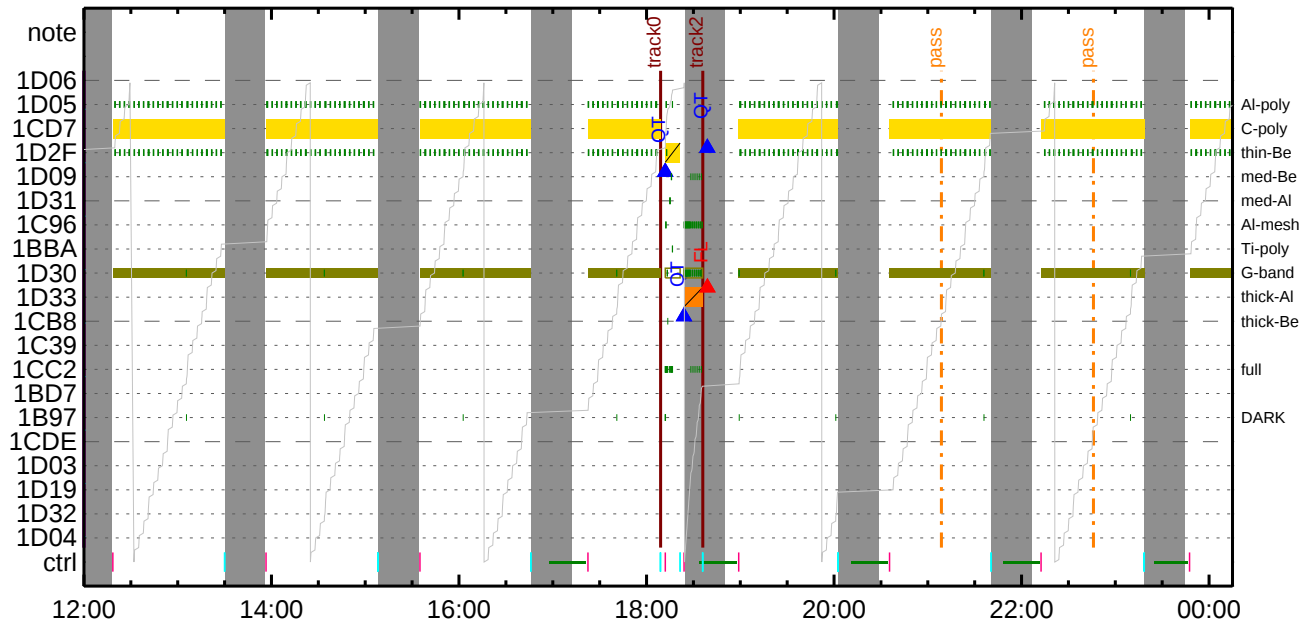
CMDI #0565 2025/05/04



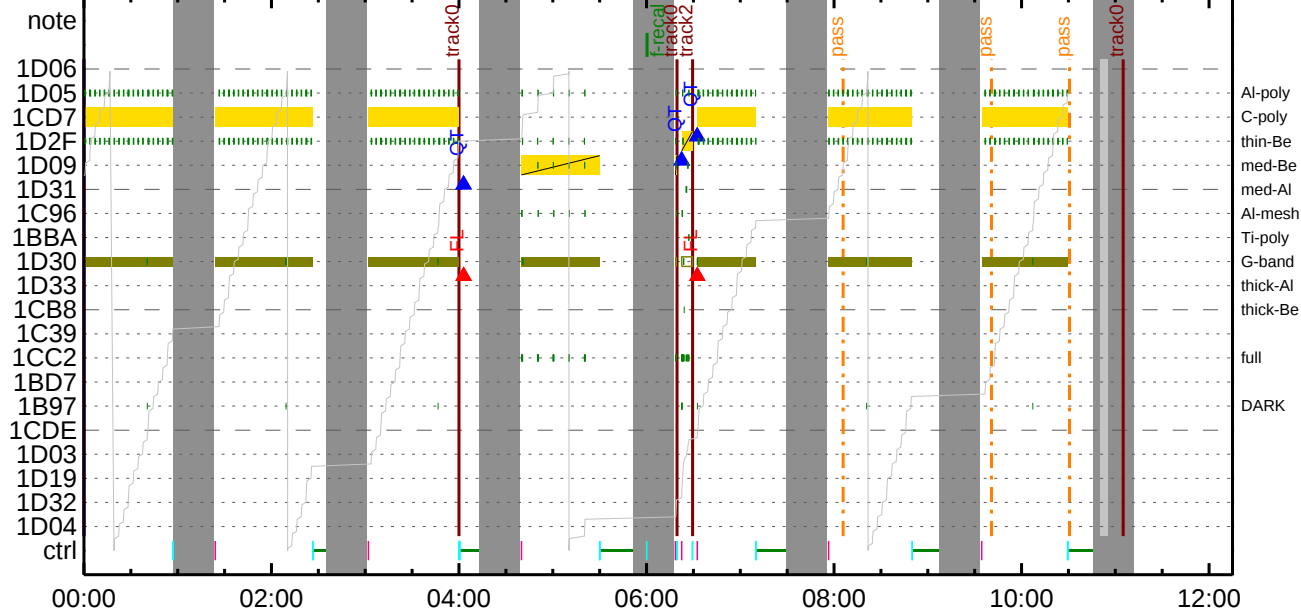
CMDI #0565 2025/05/05



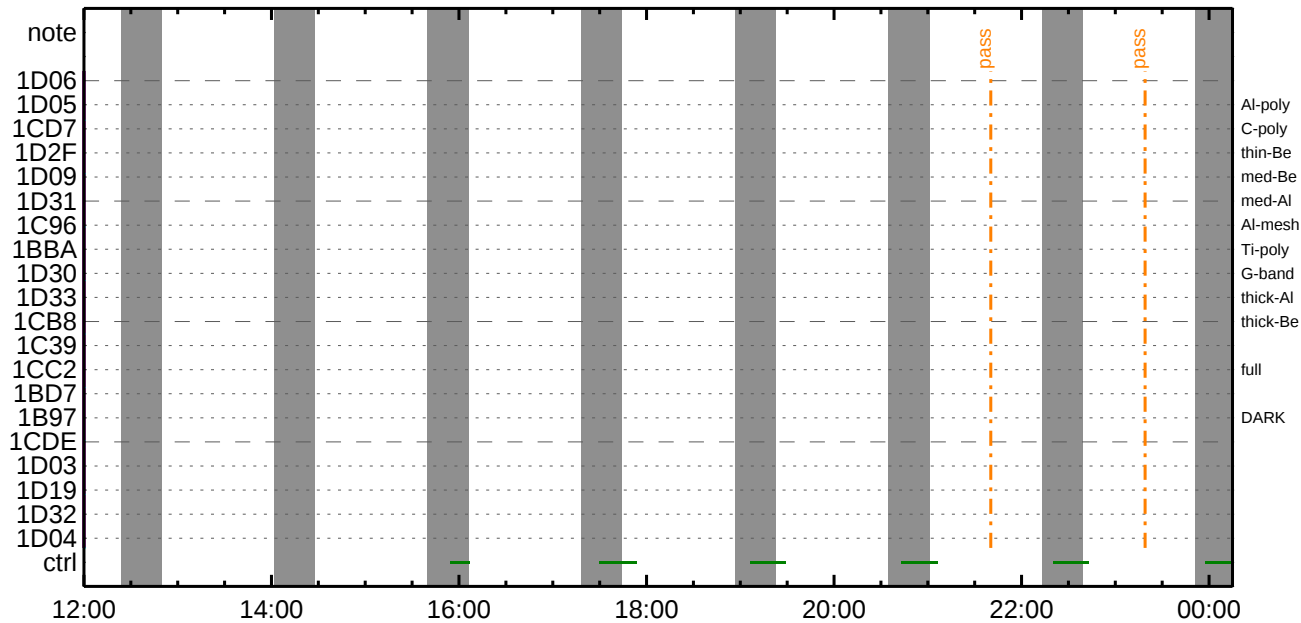
CMDI #0565 2025/05/05



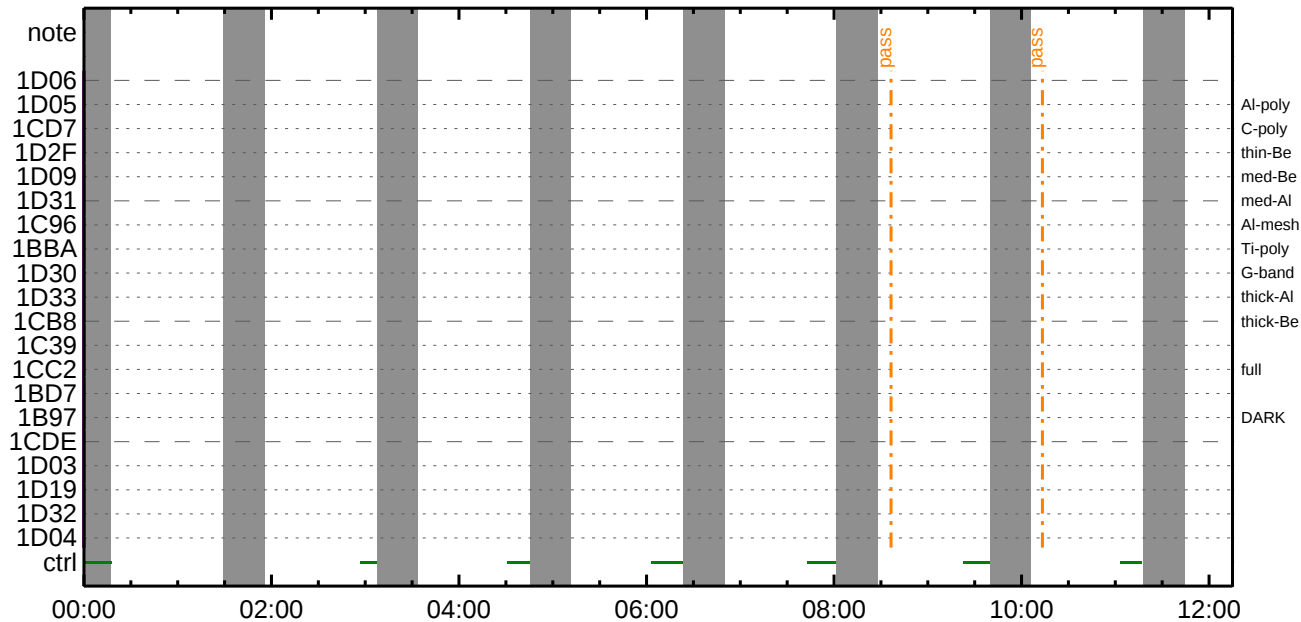
CMDI #0565 2025/05/06



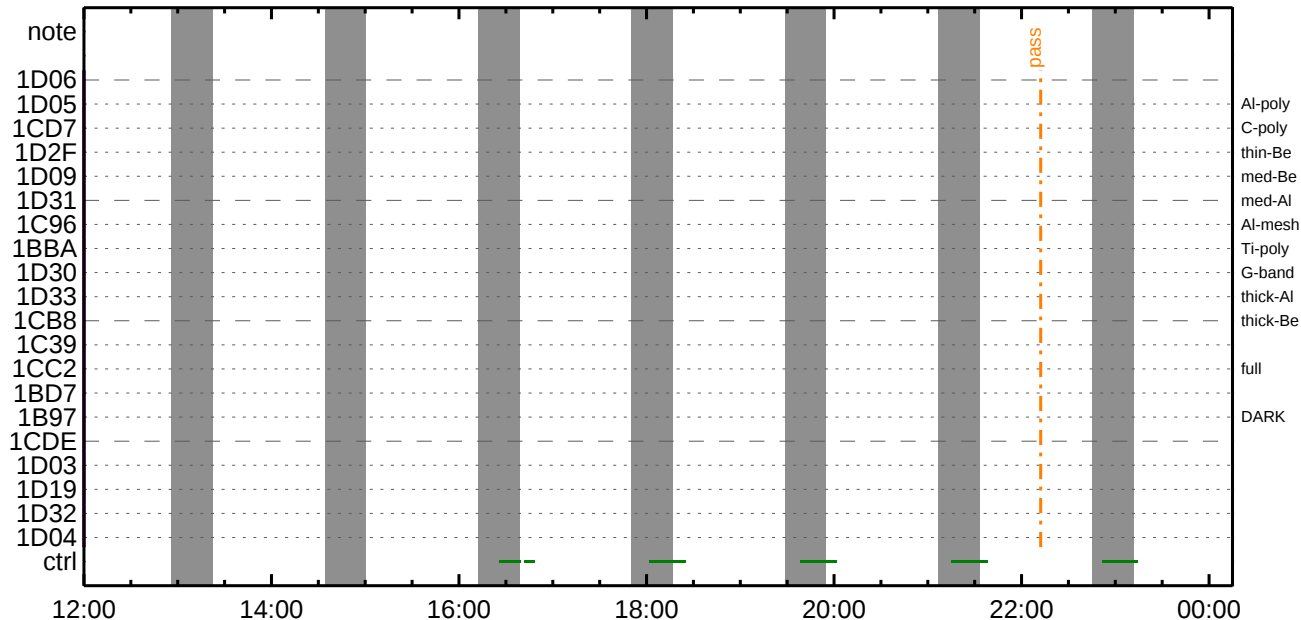
CMDI #0565 2025/05/06



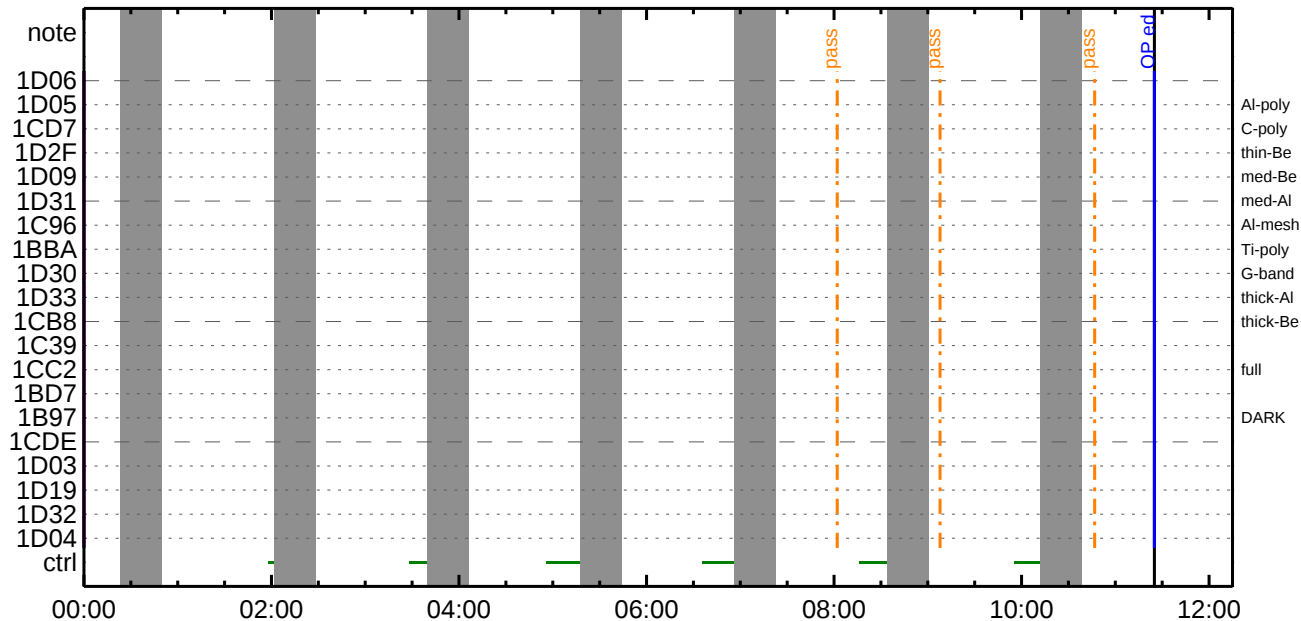
CMDI #0565 2025/05/07



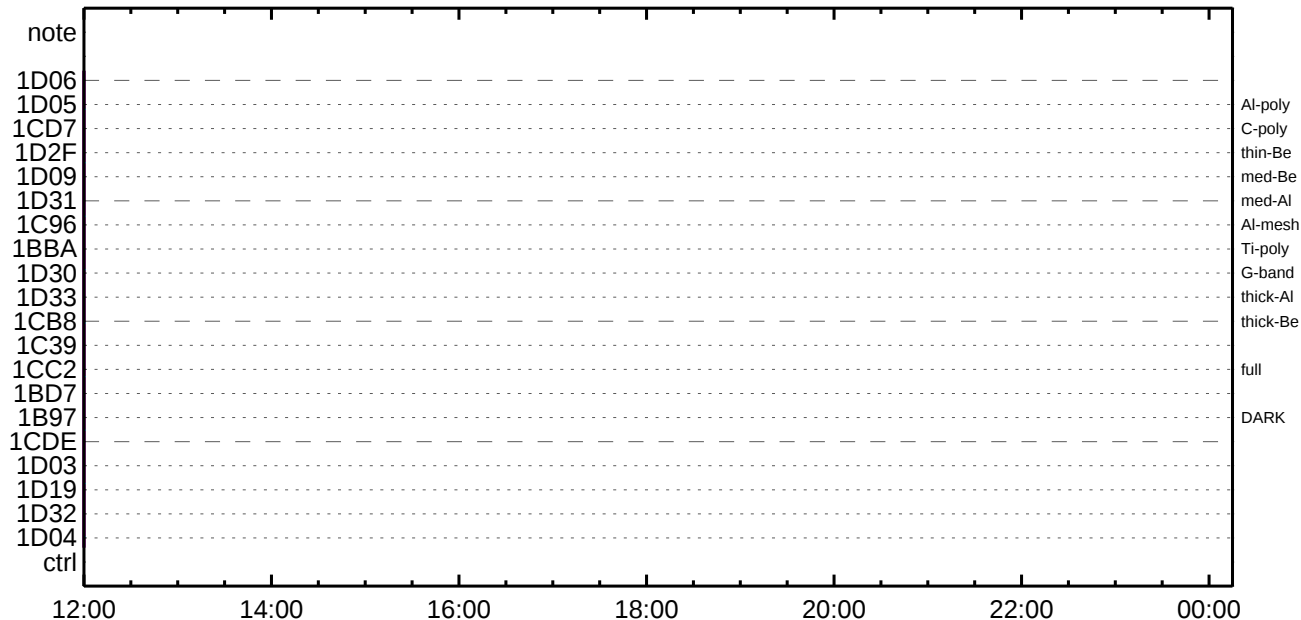
CMDI #0565 2025/05/07



CMDI #0565 2025/05/08



CMDI #0565 2025/05/08



(a) Spacecraft Operation Procedure (real-commands)

```
main-253 2025-05-03 11:24:27 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Á¥~¼Ä»Ü;ä
0005 C.
0006 C. ¥À¥ß;¼¥³¥Ð¥ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ë¼¿¼Ä¼•µ°Æ»Í×ÁÇ¼Í¥Ç¥Á¥×¥í;¼¥É;ËËè¼µ•ííË;ËËË¼°ÇÖ¼•¼¿¼¹Ç¼Í;ÇÀ®,ù¼¹¼è¼µ¼ÇÁ÷¿®¼•¼Ë¼µ¼³¼È;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;¥Á¥ó¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-253:OP
0020 ()
0021 . S. OG og-253:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPíî°è¥Á¥ó¥×;ä
0025 C. NMOG(0x200000-0x207FFF;$ 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. ***** °Ë²¼¼í¾Ä´¼¼°¼ËË¬¼°Á÷¿® (¼¼µ-¥À¥ó¥×¼°è¼Ç¼¼°Á¼Ä¼Ç¼°¼¼¬¼è¼¼¹Ç¼Ç¼Ä) *****
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÷¿®NG¼í¾¹¹Ç;Ç°Ë²¼¼íTI-CMDÁ÷¿®¼í¾¹¹Ô¼•¼Ë¼µ¼³¼È;£
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0096	C.	Pm;ç;çSETmEDUMPmÏE±°iYÑY¹mÇ¹Ôm m³mE;f		
0097	C.			
0098	C.	TIY³YD¥óYÉmòÄDİç (UT)		
0099	+. TI	2025-05-03 10:51:00.0		
0100	DC	01-B3 DHU_OP_STOP		
0101	C.	çç [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0102	C.			
0103	+. TI	2025-05-03 10:51:01.0		
0104	DC	01-B4 DHU_OP_COPY		
0105	C.	çç [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0106	C.			
0107	+. TI	2025-05-03 10:51:01.0		
0108	DC	01-B5 DHU_OPOG_COPY		
0109	C.	çç [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0110	C.			
0111	+. TI	2025-05-03 10:55:59.5		
0112	DC	01-B2 DHU_OP_START		
0113	C.	çç [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0114	C.			
0115	C.	°Ê²¼mİÄê¼iİñmİVÁ¥\$YÁY~¹àİÜ		
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°èYÁóY×		
0123	C.	*****		
0124	C.			
0125	C.	TI_TBL(0x03AB00-0x03AEFF;\$ 1024byte)		
0126	+. DC	01-23 DHU_DMA_DMP_PRM_SET		
0127	BC	(03 ab 03 01 02)		
0128	C.	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.	YÁóY×½ªİ»mò³İÇ\$		
0142	C.	çç [HK1_DMP_CHK_FLG]	EQ	NON
0143	C.			
0144	C.	RAM ID=TI_TBLmİ¼È¹Ç•ë²İOKmò³İÇ\$		
0145	C.			
0146	C.	DHU¥â;¼YÉ;Ê¼ý½,¥i;¼YÉ;Ëmòİáª¹		
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	2025-05-03 10:55:30.0		
0161	DC	07-FC EIS_MODE_MANU		
0162	BC	(21 02)		
0163	+. TI	2025-05-03 10:55:40.0		
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	2025-05-03 10:55:00.0		
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 'üÄİmİ»ö¼YmËÄDm¹mèDCBC•×²è *****		
0181	C.	(¼ä°İYÓYÁYÉYD¥YÉYÁYÇYÈmÈ¼¼m¼Ä»Üm¹mè)		
0182	S.	DC-BC dcbc-402:DCBC		
0183		(MDP_known_event)		
0184	C.			
0185	C.			
0186	C.	***** YD¥¹•İ Daily±çİñmÈ'Øm¹mèDCBC•×²è *****		
0187	S.	DC-BC dcbc-153:DCBC		
0188		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0189	C.			
0190	C.			
0191	C.	;äLOS¥ÁY\$YÁY~¼Ä»Ü;ä		
0192	C.			
0193	C.	***** LOS *****		


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main-254 2025-05-03 11:24:27 169 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;ËñçðÀñ•µ°E»Í×ÅÇñÎŲÇŲÃŲ×Ųí;¼ŲÉ;ËËè²µ•íîÊ;ËÈ¼°ÇÖñ•ñç¼¹¹Çñİ;ÇÀ®,ùñ¹ñèñÞñÇÄ÷ç®ñ•ñÈñññ³ñÈ;£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷ç®µ;ON
0016 C. *****
0017 C. °EA, Í×ÈÝñäLOSñÞñÇñİ»Þ'Öòò¹íî,ñ•;ÇÉÔÍ×ñÈXÄÓONñİ¹ÖñÈñíñÈñññ³ñÈ;£
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. XŲÐŲóŲÉŲíŲÄŲ~¾ÒÄÖñ¬°ÄÄèñ•ñç,Ç°Ê²¼ñî°EA,¼è½Çñò¼Ä¹Öñ¹ñè;£
0030 C.
0031 . C. *****
0032 C. DR PT1 Äî¼í°EA,
0033 C. *****
0034 C. ° RESTART;ÊPT1;Ëñ•ñç¼ñ¼¹¹Çñİ;Ç°Ê²¼ñî¼Ä¹Öñññ°;ÇDCBC-150ñØçÊñà;£
0035 C.
0036 . C. ;ãPT1°EA,³«»î;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. ;ãŲÇŲóŲÉŲÈÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EA,°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°EA,ñ¬¼«E°Ää»ßñ•ñç,ä;Ç°Ê²¼ñò¼Ä¹Öñ¹ñè;£
0055 C. ŲÇŲóŲÉŲÈÄÚÂØñÄ•Ä°²öÈòñ¬¼áñ¼¼¹¹Çñİ'°î»ñ¹ñèñÞñÇÄÖñÄ;£
0056 C.
0057 . C. *****
0058 C. DR PT2 Äî¼í°EA,
0059 C. *****
0060 C. ° RESTART;ÊPT2;Ëñ•ñç¼ñ¼¹¹Çñİ;Ç°Ê²¼ñî¼Ä¹Öñññ°;ÇDCBC-151ñØçÊñà;£
0061 C.
0062 . C. ;ãPT2°EA,³«»î;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. ;ãŲÇŲóŲÉŲÈÄÚÂØ;ÊÄ•Ä°²öÈò;Ë,ãñî°EA,°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°EA,Ää»ß;ÇXÄ÷ç®µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°EA,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] EO OFF
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0096 C.
0097 C.
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ()
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE 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 AOCS DUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 33s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ()
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2025-05-03 10:55:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP 'ûÃîî»ö¼ÝñÊÄñ¹ñëDCBC•×²è *****
0156 C. (¼å°îÿÖÿÄÿËÿÐÿËÿâÿçÿëñÊ¼ññ¼Ä»Ûñ¹ñë)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** ¥Ð¥¹•ï Daily±¿íññÊ'Øñ¹ñëDCBC•×²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOS¥Á¥$¥Ä¥~¼Ä»Û;ä
0167 C.
0168 . C. ***** LOS *****
0169 C.

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main-255 2025-05-03 11:24:27 104 33 SOLAR-B MAIN //
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0095

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.

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 1/11

*** OP Sequence for XRT ***

2025/05/03	11:05:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	11:05:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	11:05:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/05/03	11:06:00.0	AOCs_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 03 8d 01 db
2025/05/03	11:06:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/03	11:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/03	11:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/03	11:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/03	11:06:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	11:08:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2025/05/03	11:08:58.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/03	11:12:30.5	XRT_Custom_430_OG [0x1ae]			
2025/05/03	11:13:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	12:25:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	12:25:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	12:25:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	12:25:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/03	12:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/03	12:50:30.5	XRT_Custom_430_OG [0x1ae]			
2025/05/03	12:51:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	14:03:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	14:03:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	14:03:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	14:03:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/03	14:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/03	14:29:00.5	XRT_Custom_430_OG [0x1ae]			
2025/05/03	14:30:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	15:41:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	15:41:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	15:41:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	15:41:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/03	15:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/03	16:07:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/03	16:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	17:04:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	17:04:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	17:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/03	17:05:00.0	AOCs_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/05/03	17:05:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/03	17:05:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/03	17:05:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/03	17:07:58.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/05/03	17:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	17:17:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	17:17:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	17:17:04.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/03	17:17:24.0	XRT_FLD_DIS_418_OG [0x1a2]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/03	17:19:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			

Saturday May 03, 2025

1/11

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 2/11

2025/05/03	17:19:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/03	17:19:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/03	17:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2025/05/03	17:32:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	17:32:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	17:32:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	17:33:00.0	AOCs_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/05/03	17:33:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 03 8d 01 db
2025/05/03	17:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/03	17:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/03	17:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/03	17:33:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/03	17:35:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	17:35:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2025/05/03	17:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/03	17:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/03	18:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	18:58:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	18:58:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	18:58:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	19:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/03	19:30:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/03	19:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/03	20:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	20:36:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	20:36:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	20:36:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	20:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/03	21:07:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/03	21:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/03	22:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	22:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	22:14:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	22:14:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	22:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/03	22:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/03	22:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/03	23:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/03	23:52:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	23:52:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/03	23:52:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/03	23:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	00:18:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	00:19:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/04	01:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	01:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	01:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	01:30:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	01:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 3/11

2025/05/04	01:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/05/04	01:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/05/04	02:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/04	02:57:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	02:57:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/05/04	02:57:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/05/04	03:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/05/04	03:34:00.0	XRT_Custom_430_OG [0x1ae]					
2025/05/04	03:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/05/04	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/04	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/05/04	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/05/04	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/05/04	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/05/04	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/05/04	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/05/04	04:02:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/05/04	04:02:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2025/05/04	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c	
2025/05/04	04:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/04	04:31:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	04:31:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	04:31:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/05/04	04:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2025/05/04	05:12:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2025/05/04	05:13:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
2025/05/04	05:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/04	05:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	05:37:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	05:37:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2025/05/04	05:37:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2025/05/04	05:37:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2025/05/04	05:37:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2025/05/04	05:40:28.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/05/04	05:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2025/05/04	05:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2025/05/04	05:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	05:47:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2025/05/04	05:47:30.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2025/05/04	05:47:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 03 8d 01 db	
2025/05/04	05:47:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2025/05/04	05:47:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2025/05/04	05:47:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2025/05/04	05:47:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2025/05/04	05:50:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da	
2025/05/04	05:50:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2025/05/04	05:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c	

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 4/11

2025/05/04	06:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	06:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	06:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	06:04:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	06:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	06:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	06:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/05/04	07:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	07:44:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	07:44:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	07:44:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	07:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	08:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	08:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/05/04	09:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	09:23:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	09:23:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	09:23:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	09:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	10:07:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	10:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/05/04	11:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	11:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	11:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	11:04:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	11:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	11:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	11:19:32.0	XRT_CTRL_MANU_402_OG [0x192]				
2025/05/04	11:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	11:19:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	11:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	11:45:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	11:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/05/04	12:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	12:57:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	12:57:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	12:57:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	13:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	13:23:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	13:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/05/04	14:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	14:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	14:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	14:35:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	14:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	15:01:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	15:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2025/05/04	16:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	16:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04			MDP_XRT_CTRL_MANU	1	07-F0	c1

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 5/11

2025/05/04	16:14:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	16:14:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	16:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	16:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	16:42:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	16:42:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	16:42:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	16:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	16:49:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/04	16:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	17:36:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	17:36:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	17:36:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/04	17:37:00.0	AOCS_ORe-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/05/04	17:37:18.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/04	17:37:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/04	17:37:22.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/04	17:39:58.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/05/04	17:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	17:49:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	17:49:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	17:49:04.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/04	17:49:24.0	XRT_FLD_DIS_418_OG [0x1a2]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/04	17:51:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/04	17:51:26.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/04	17:51:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2025/05/04	17:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	18:02:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/05/04	18:03:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 03 8d 01 db
2025/05/04	18:03:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/04	18:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/04	18:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/04	18:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/04	18:03:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	18:05:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2025/05/04	18:05:58.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/04	18:26:00.0	XRT_Custom_430_OG [0x1ae]			
2025/05/04	18:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	19:30:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	19:30:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	19:30:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	19:30:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	19:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	20:02:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/04	20:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	21:08:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 6/11

2025/05/04	21:08:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	21:08:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	21:08:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	21:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	21:39:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/04	21:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/04	22:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	22:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/04	22:46:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/04	22:46:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/04	22:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/04	23:15:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/04	23:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	00:24:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	00:24:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	00:24:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	00:24:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	00:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	00:50:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/05	00:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	01:58:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	01:58:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	01:58:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	01:58:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	02:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	02:28:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/05	02:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	03:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	03:29:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	03:29:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	03:29:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	03:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/05	04:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/05/05	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/05	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/05	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/05	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/05	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	04:02:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/05/05	04:02:58.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/05	04:06:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/05	04:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	04:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	04:57:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	04:57:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	04:57:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	05:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 7/11

2025/05/05	05:45:00.0	XRT_Custom_430_OG [0x1ae]		
2025/05/05	05:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/05/05	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	05:54:28.0	XRT_FOCUS_POSITION_406_OG [0x196]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2025/05/05	05:54:30.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 00 00 00 00
2025/05/05	05:54:48.0	XRT_FLD_DIS_409_OG [0x199]		
		MDP_XRT_FLD_DIS	1	07-F0 d9
2025/05/05	05:54:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2025/05/05	05:54:52.0	XRT_ARS_DIS_435_OG [0x1b3]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/05/05	05:57:28.0	XRT_QT_PROG_SET_404_OG [0x194]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 11
2025/05/05	05:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/05/05	06:04:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	06:04:26.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	06:04:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2025/05/05	06:04:30.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 02 03 8d 01 db
2025/05/05	06:04:48.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2025/05/05	06:04:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2025/05/05	06:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2025/05/05	06:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2025/05/05	06:04:56.0	XRT_FLD_RESET_434_OG [0x1b2]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/05/05	06:07:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 12
2025/05/05	06:07:28.0	XRT_FL_PROG_SET_401_OG [0x191]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 0c
2025/05/05	06:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/05/05	06:37:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	06:37:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	06:37:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/05/05	06:37:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/05/05	06:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/05/05	07:23:00.0	XRT_Custom_430_OG [0x1ae]		
2025/05/05	07:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/05/05	08:17:00.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	08:17:02.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	08:17:04.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/05/05	08:17:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/05/05	08:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/05/05	09:01:00.0	XRT_Custom_430_OG [0x1ae]		
2025/05/05	09:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/05/05	09:56:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	09:56:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	09:56:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/05/05	09:56:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/05/05	09:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2025/05/05	10:39:30.0	XRT_Custom_430_OG [0x1ae]		
2025/05/05	10:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2025/05/05	11:38:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	11:38:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2025/05/05	11:38:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2025/05/05	11:38:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2025/05/05	11:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		

Saturday May 03, 2025

7/11

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 8/11

2025/05/05	11:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	11:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	11:51:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	11:51:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	11:51:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	11:51:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	11:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	12:17:30.0	XRT_Custom_430_OG [0x1ae]				
2025/05/05	12:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	13:30:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	13:30:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	13:30:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	13:30:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	13:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	13:55:30.0	XRT_Custom_430_OG [0x1ae]				
2025/05/05	13:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	15:08:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	15:08:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	15:08:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	15:08:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	15:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	15:34:00.0	XRT_Custom_430_OG [0x1ae]				
2025/05/05	15:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	16:46:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	16:46:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	16:46:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	16:46:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	16:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	17:21:30.0	XRT_Custom_430_OG [0x1ae]				
2025/05/05	17:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	18:08:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	18:08:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	18:08:58.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/05	18:09:00.0	AOCs_Ore-point_Start_2_OG [0x098]				
			AOCU_NM	5	02-76	00 00 00 00 00
2025/05/05	18:09:18.0	XRT_FLD_DIS_409_OG [0x199]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/05	18:09:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/05	18:09:22.0	XRT_ARS_DIS_435_OG [0x1b3]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/05	18:11:58.0	XRT_QT_PROG_SET_404_OG [0x194]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/05/05	18:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	18:21:30.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	18:21:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	18:21:34.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/05	18:21:54.0	XRT_FLD_DIS_418_OG [0x1a2]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/05	18:23:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/05	18:23:56.0	XRT_ARS_DIS_423_OG [0x1a7]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/05	18:23:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2025/05/05	18:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/05	18:35:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	18:35:56.0	XRT_CTRL_MANU_402_OG [0x192]				

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 9/11

2025/05/05	18:35:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	18:36:00.0	AOCs_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/05/05	18:36:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 03 8d 01 db
2025/05/05	18:36:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/05	18:36:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/05	18:36:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/05	18:36:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/05	18:38:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	18:38:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2025/05/05	18:58:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/05	18:59:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/05	20:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2025/05/05	20:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	20:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	20:02:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	20:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	20:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	20:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/05	21:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2025/05/05	21:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	21:40:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	21:40:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	21:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	22:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	22:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/05	23:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2025/05/05	23:18:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	23:18:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/05	23:18:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/05	23:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/05	23:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/05	23:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/06	00:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2025/05/06	00:57:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	00:57:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	00:57:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	01:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/06	01:23:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/06	01:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/06	02:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2025/05/06	02:26:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	02:26:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	02:26:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	02:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/06	03:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/06	03:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2025/05/06	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c1
2025/05/06	03:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	04:00:00.0	AOCs_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
		AOCU_NM		5	02-76	00 00 00 00 00

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 10/11

2025/05/06	04:00:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/06	04:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/06	04:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/06	04:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/06	04:00:24.0	XRT_FLD_RESET_446_OG [0x1be]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	04:00:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	04:00:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	04:00:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	04:00:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/06	04:02:56.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2025/05/06	04:02:58.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/06	04:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/06	04:39:00.0	XRT_Custom_430_OG [0x1ae]			
2025/05/06	04:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/06	05:30:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	05:30:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	05:30:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	05:30:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/06	05:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/06	06:00:10.0	XRT_CTRL_MANU_425_OG [0x1a9]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	06:00:20.0	XRT_FOCUS_RECALIBRATE_407_OG [0x197]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2025/05/06	06:04:20.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/06	06:17:30.0	XRT_Custom_430_OG [0x1ae]			
2025/05/06	06:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/06	06:19:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	06:19:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	06:19:28.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2025/05/06	06:19:30.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00
2025/05/06	06:19:48.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2025/05/06	06:19:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2025/05/06	06:19:52.0	XRT_ARS_DIS_435_OG [0x1b3]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/06	06:22:28.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2025/05/06	06:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/06	06:29:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	06:29:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	06:29:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2025/05/06	06:29:30.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	02 03 8d 01 db
2025/05/06	06:29:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2025/05/06	06:29:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2025/05/06	06:29:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2025/05/06	06:29:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2025/05/06	06:29:56.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	06:32:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2025/05/06	06:32:28.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2025/05/06	06:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/06	07:10:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	07:10:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	07:10:04.0	XRT_FLD_RESET_415_OG [0x19f]			

May 03, 25 11:24

XRT_OGLIST_0565.chk

Page 11/11

2025/05/06	07:10:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	07:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/06	07:55:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/06	07:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/06	08:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	08:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	08:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	08:50:06.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/06	08:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/06	09:33:30.0	XRT_Custom_430_OG [0x1ae]				
2025/05/06	09:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2025/05/06	10:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	10:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2025/05/06	10:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2025/05/06	10:29:36.0	XRT_PREFLR_STRT_417_OG [0x1a1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2025/05/06	10:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2025/05/06	11:05:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00