

XRT Timeline to be uploaded on 2026/04/16

Period: 2026/04/16 11:06:00 - 2026/04/21 11:01:00

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Normal mode

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XOB #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
04/16 11:19:00 - 04/16 13:29:54	Fixed (950.0, 0.0)	# OP start + 10min + West limb obs.
04/17 06:26:30 - 04/17 06:47:24	Fixed (-22.0, -984.0)	HOP412 01/20
04/17 06:50:30 - 04/17 07:21:30	Fixed (-22.0, -884.0)	HOP412 02/20
04/17 08:08:00 - 04/17 08:25:54	Fixed (-22.0, -784.0)	HOP412 03/20
04/17 08:29:00 - 04/17 09:01:30	Fixed (-22.0, -684.0)	HOP412 04/20
04/17 09:46:00 - 04/17 10:03:54	Fixed (-22.0, -584.0)	HOP412 05/20
04/17 10:07:00 - 04/17 11:02:30	Fixed (-22.0, -484.0)	HOP412 06/20
04/17 11:24:00 - 04/17 11:41:54	Fixed (-22.0, -384.0)	HOP412 07/20
04/17 11:45:00 - 04/17 12:02:54	Fixed (-22.0, -284.0)	HOP412 08/20
04/17 12:06:00 - 04/17 12:41:00	Fixed (-22.0, -184.0)	HOP412 09/20
04/17 13:02:30 - 04/17 13:20:24	Fixed (-22.0, -84.0)	HOP412 10/20
04/17 13:44:30 - 04/17 14:19:00	Fixed (-22.0, 106.0)	HOP412 12/20
04/17 14:40:30 - 04/17 14:58:24	Fixed (-22.0, 206.0)	HOP412 13/20
04/17 15:01:30 - 04/17 15:19:24	Fixed (-22.0, 306.0)	HOP412 14/20
04/17 15:22:30 - 04/17 16:27:00	Fixed (-22.0, 406.0)	HOP412 15/20
04/17 16:31:30 - 04/17 16:49:24	Fixed (-22.0, 506.0)	HOP412 16/20
04/17 16:52:30 - 04/17 17:10:24	Fixed (-22.0, 606.0)	HOP412 17/20
04/17 17:13:30 - 04/17 17:35:00	Fixed (-22.0, 706.0)	HOP412 18/20
04/17 18:08:00 - 04/17 18:25:54	Fixed (-22.0, 806.0)	HOP412 19/20
04/17 18:29:00 - 04/17 18:46:54	Fixed (-22.0, 906.0)	HOP412 20/20

PROG= 13 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec											
├	Seqn= 30	1-time(s)	2.0sec										
├	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
├	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
├	Subr= 2	10-time(s)	360.0sec										
├	Seqn= 8	1-time(s)	2.0sec										
├	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
├	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
├	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
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CD7: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
04/16 13:33:00 - 04/16 18:02:54	Track (-545.6, 245.6) ^{Ⓞ 04/16 13:30:00}	AR obs. at AR14419
04/16 18:16:00 - 04/17 03:59:54	Track (-509.9, 247.6) ^{Ⓞ 04/16 18:13:00}	AR obs. at AR14419
04/17 19:00:00 - 04/17 23:59:54	Track (-308.0, 255.2) ^{Ⓞ 04/17 18:57:00}	AR obs. at AR14419
04/18 06:00:30 - 04/18 11:14:00	Track (-212.3, 257.0) ^{Ⓞ 04/18 05:57:30}	AR obs. at AR14419

PROG= 16 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec											
├	Seqn= 92	1-time(s)	2.0sec										
├	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
├	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
├	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
├	Subr= 2	5-time(s)	2.0sec										
├	Seqn= 47	1-time(s)	2.0sec										
├	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
├	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
├	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
├	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
├	Seqn= 96	4-time(s)	180.0sec										
├	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
├	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
├	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
├	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
├	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
├	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #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/

Term	Pointing (x, y)	Comment
04/16 18:06:00 - 04/16 18:12:54	Fixed (0.0, 0.0)	synoptic, shifted 3.0 min
04/17 05:34:30 - 04/17 05:41:30	Fixed (0.0, 0.0)	HOP349 + synoptic
04/17 13:23:30 - 04/17 13:41:24	Fixed (-22.0, 6.0)	HOP412 11/20
04/17 18:50:00 - 04/17 18:56:54	Fixed (0.0, 0.0)	End of HOP412 + synoptic, shifted 47.0 min
04/18 05:50:30 - 04/18 05:57:24	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -12.5 min

PROG= 11 1-time(s)

Subr= 1	1-time(s)	2.0sec										
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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												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	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 #1D28: HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], Al-poly[16/181/4096], thin-Be[64/1024/11571] with 512x512 G-band+Leak(1064,1048) - 45 min

Term	Pointing (x, y)	Comment
04/17 04:03:00 - 04/17 05:31:24	Fixed (0.0, 0.0)	HOP349 + synoptic
04/18 04:03:00 - 04/18 05:47:24	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -12.5 min

PROG= 09 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec												
Seqn=100 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	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/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 84 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	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	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 57 1-time(s) 2.0sec												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	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	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 81 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subr= 2 10-time(s) 720.0sec												
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
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 #1C8D: Alignment with North Pole Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 5min cad

Term	Pointing (x, y)	Comment
04/18 00:26:30 - 04/18 01:44:30	Fixed (0.0, 930.0)	Co-alignment for North Pole

PROG= 20 1-time(s)

Subr= 1 1-time(s) 2.0sec												
Seqn= 23 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Subr= 2	24-time(s)	300.0sec										
└─ Seqn= 69	1-time(s)	2.0sec										
└─ Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x1536 (1024, 768)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C8E: Alignment with East limb Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 8 min cad

Term	Pointing (x, y)	Comment										
04/18 02:15:00 - 04/18 03:59:54	Fixed (-970.0, 0.0)	Co-alignment for East Limb										
PROG= 05	1-time(s)											
└─ Subr= 1	1-time(s)	2.0sec										
└─ Seqn= 23	1-time(s)	2.0sec										
└─ Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
└─ Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 2	15-time(s)	480.0sec										
└─ Seqn= 70	1-time(s)	2.0sec										
└─ Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1536x2048 (1280, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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XOB #1D35: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GB

Term	Pointing (x, y)	Comment										
04/16 11:19:00 - 04/16 13:29:54	Fixed (950.0, 0.0)	# OP start + 10min + West limb obs.										
04/16 13:33:00 - 04/16 18:02:54	Track (-545.6, 245.6) @ 04/16 13:30:00	AR obs. at AR14419										
04/16 18:16:00 - 04/17 03:59:54	Track (-509.9, 247.6) @ 04/16 18:13:00	AR obs. at AR14419										
04/17 04:03:00 - 04/17 05:31:24	Fixed (0.0, 0.0)	HOP349 + synoptic										
04/17 06:26:30 - 04/17 06:47:24	Fixed (-22.0, -984.0)	HOP412 01/20										
04/17 06:50:30 - 04/17 07:21:30	Fixed (-22.0, -884.0)	HOP412 02/20										
04/17 08:08:00 - 04/17 08:25:54	Fixed (-22.0, -784.0)	HOP412 03/20										
04/17 08:29:00 - 04/17 09:01:30	Fixed (-22.0, -684.0)	HOP412 04/20										
04/17 09:46:00 - 04/17 10:03:54	Fixed (-22.0, -584.0)	HOP412 05/20										
04/17 10:07:00 - 04/17 11:02:30	Fixed (-22.0, -484.0)	HOP412 06/20										
04/17 11:24:00 - 04/17 11:41:54	Fixed (-22.0, -384.0)	HOP412 07/20										
04/17 11:45:00 - 04/17 12:02:54	Fixed (-22.0, -284.0)	HOP412 08/20										
04/17 12:06:00 - 04/17 12:41:00	Fixed (-22.0, -184.0)	HOP412 09/20										
04/17 13:02:30 - 04/17 13:20:24	Fixed (-22.0, -84.0)	HOP412 10/20										
04/17 13:44:30 - 04/17 14:19:00	Fixed (-22.0, 106.0)	HOP412 12/20										
04/17 14:40:30 - 04/17 14:58:24	Fixed (-22.0, 206.0)	HOP412 13/20										
04/17 15:01:30 - 04/17 15:19:24	Fixed (-22.0, 306.0)	HOP412 14/20										
04/17 15:22:30 - 04/17 16:27:00	Fixed (-22.0, 406.0)	HOP412 15/20										
04/17 16:31:30 - 04/17 16:49:24	Fixed (-22.0, 506.0)	HOP412 16/20										
04/17 16:52:30 - 04/17 17:10:24	Fixed (-22.0, 606.0)	HOP412 17/20										
04/17 17:13:30 - 04/17 17:35:00	Fixed (-22.0, 706.0)	HOP412 18/20										
04/17 18:08:00 - 04/17 18:25:54	Fixed (-22.0, 806.0)	HOP412 19/20										
04/17 18:29:00 - 04/17 18:46:54	Fixed (-22.0, 906.0)	HOP412 20/20										
04/17 19:00:00 - 04/17 23:59:54	Track (-308.0, 255.2) @ 04/17 18:57:00	AR obs. at AR14419										
04/18 04:03:00 - 04/18 05:47:24	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -12.5 min										
04/18 06:00:30 - 04/18 11:14:00	Track (-212.3, 257.0) @ 04/18 05:57:30	AR obs. at AR14419										
PROG= 14	30-time(s)											
└─ Subr= 1	1-time(s)	2.0sec										
└─ Seqn= 68	1-time(s)	2.0sec										
└─ Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (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	

* * * * *

Active Region Search

* * * * *

NOT USED

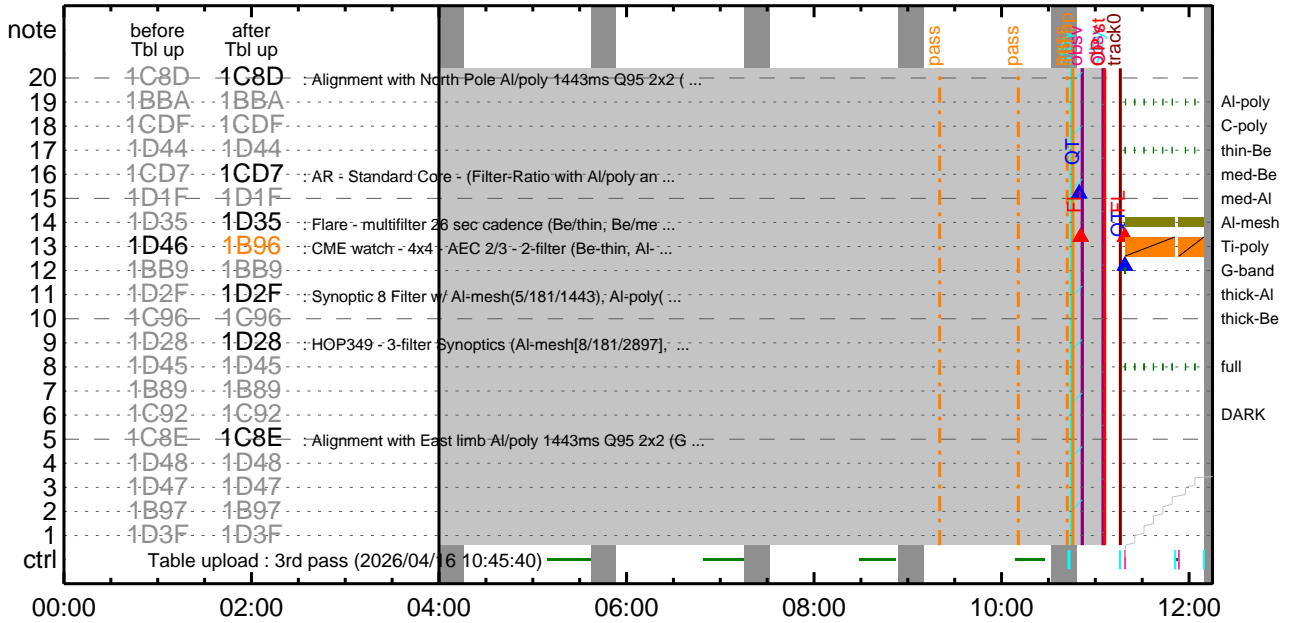
* * * * *

Flare Detection

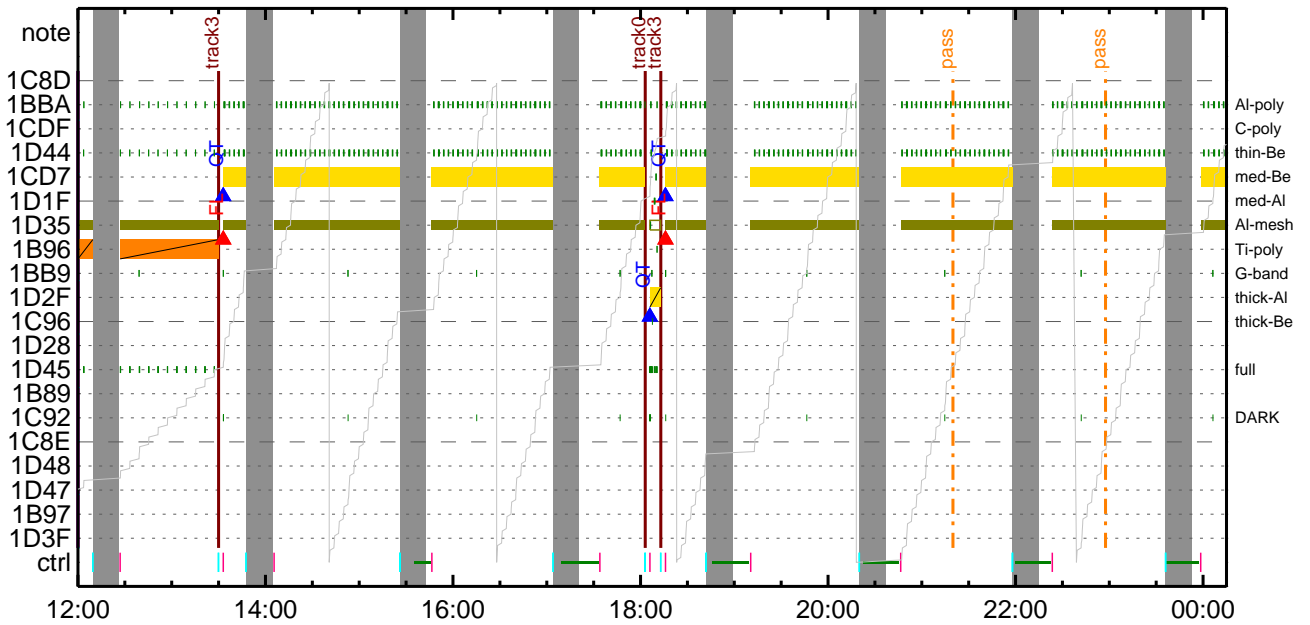
* * * * *

FLD Patrol											
Term		Pointing (x, y)						Comment			
04/16 10:46:40 - 04/16 18:03:18		cannot be identified									
04/16 18:13:18 - 04/17 05:31:48		Track (-509.9, 247.6)		@ 04/16 18:13:00		AR obs. at AR14419					
04/17 06:23:18 - 04/17 13:20:48		Fixed (-22.0, -984.0)				HOP412 01/20					
04/17 13:41:48 - 04/17 18:47:18		Fixed (-22.0, 106.0)				HOP412 12/20					
04/17 18:57:18 - 04/18 00:00:18		Track (-308.0, 255.2)		@ 04/17 18:57:00		AR obs. at AR14419					
04/18 04:00:18 - 04/18 05:47:48		Fixed (0.0, 0.0)				HOP349 + synoptic, shifted -12.5 min					
04/18 05:57:48 - 04/21 11:01:00		Track (-212.3, 257.0)		@ 04/18 05:57:30		AR obs. at AR14419					
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

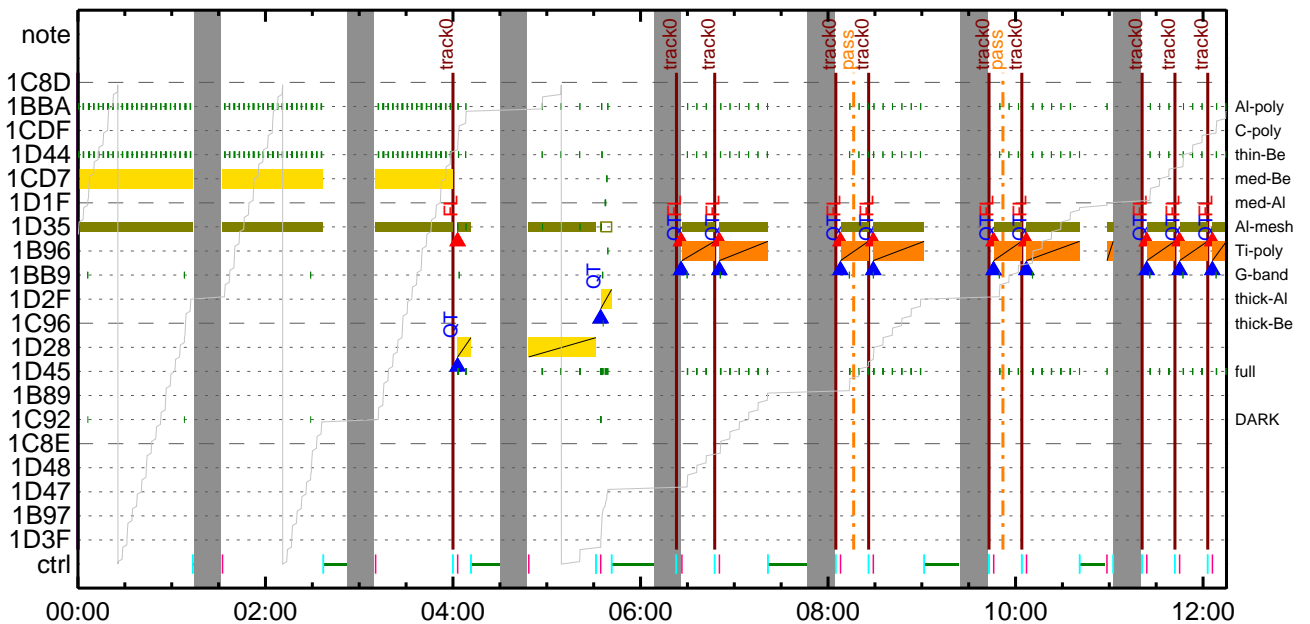
CMDI #0258 2026/04/16



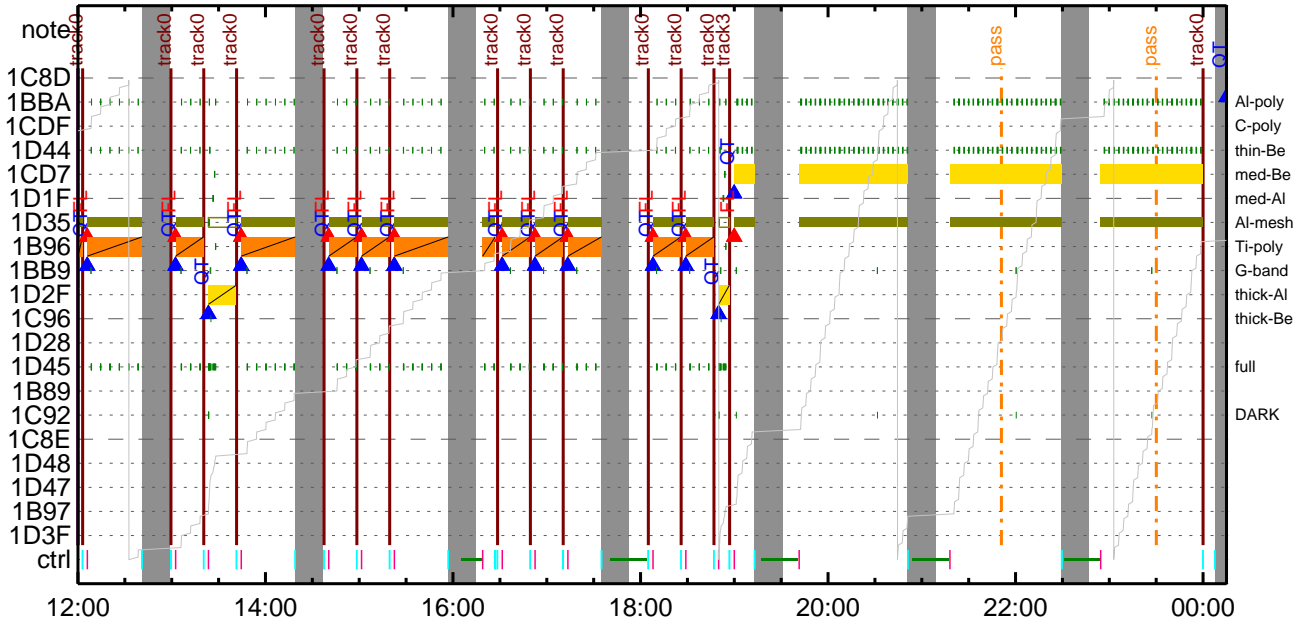
CMDI #0258 2026/04/16



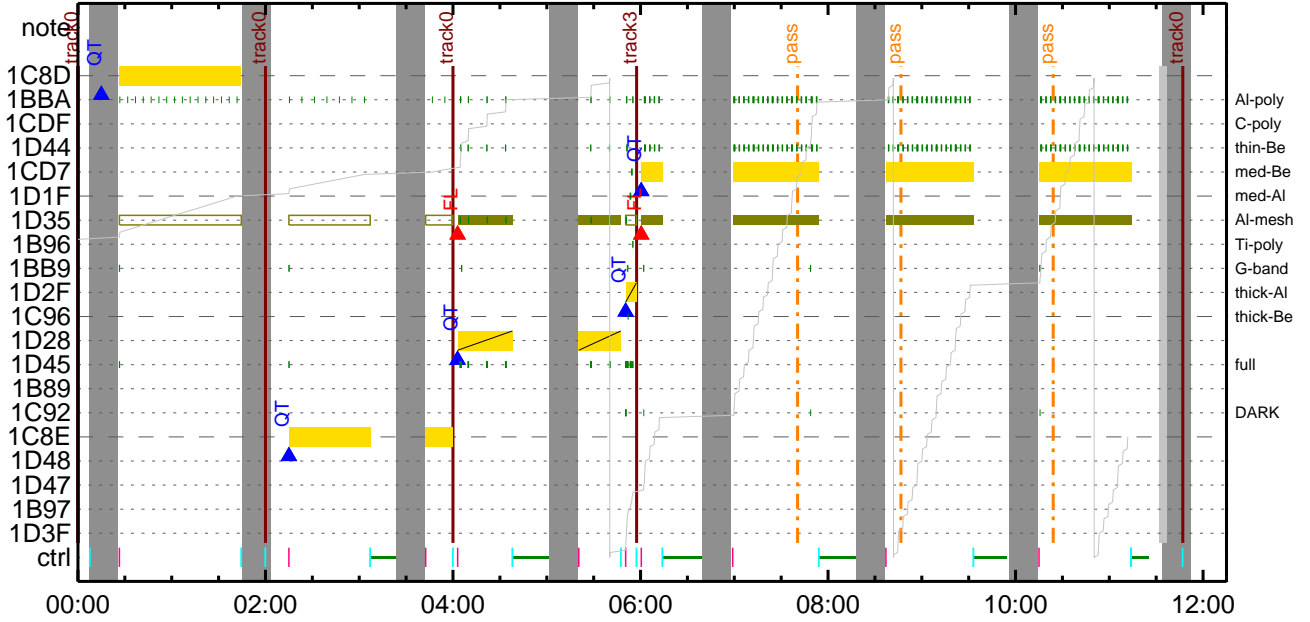
CMDI #0258 2026/04/17



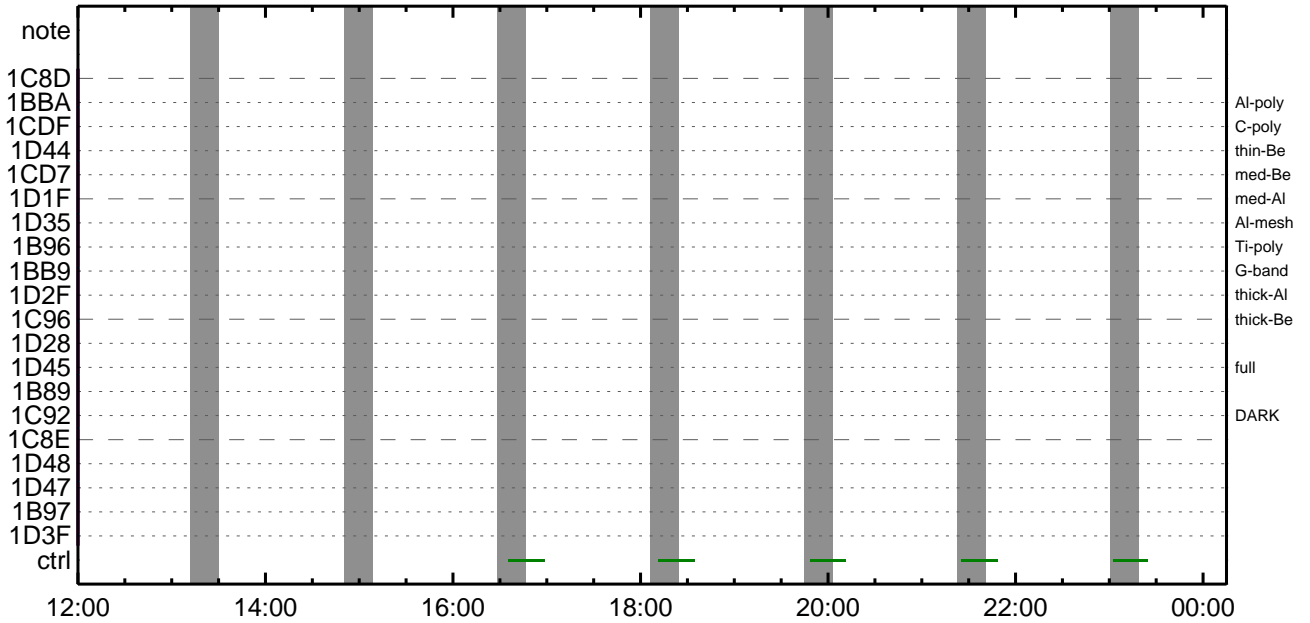
CMDI #0258 2026/04/17



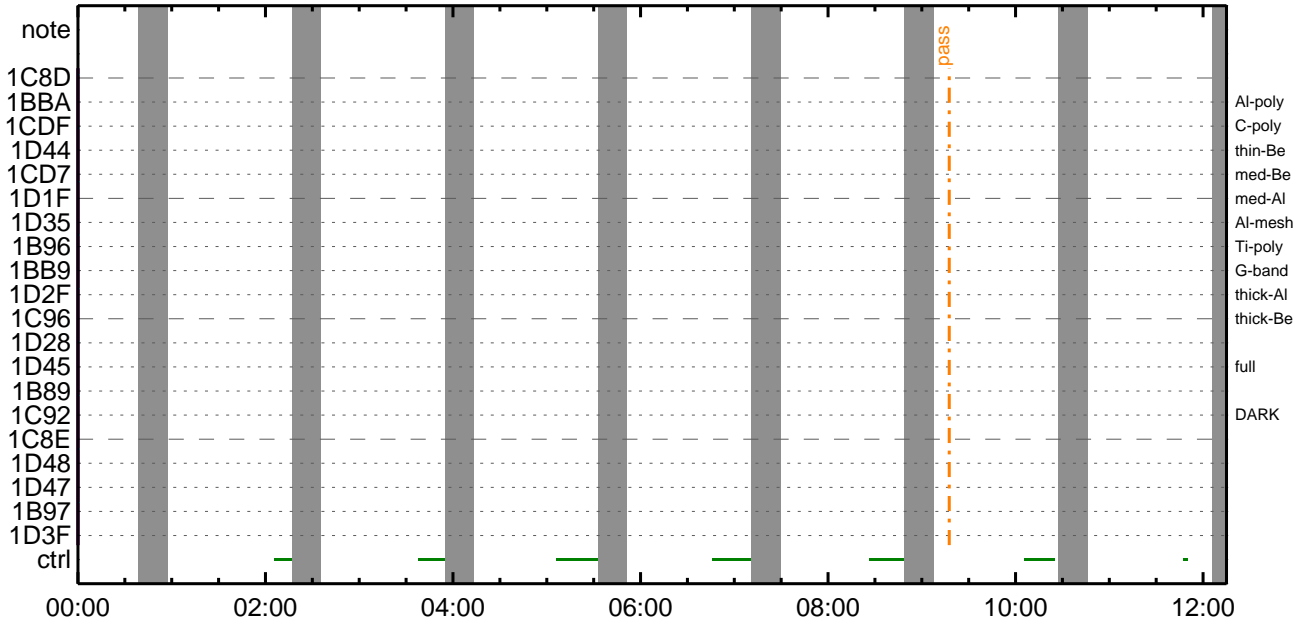
CMDI #0258 2026/04/18



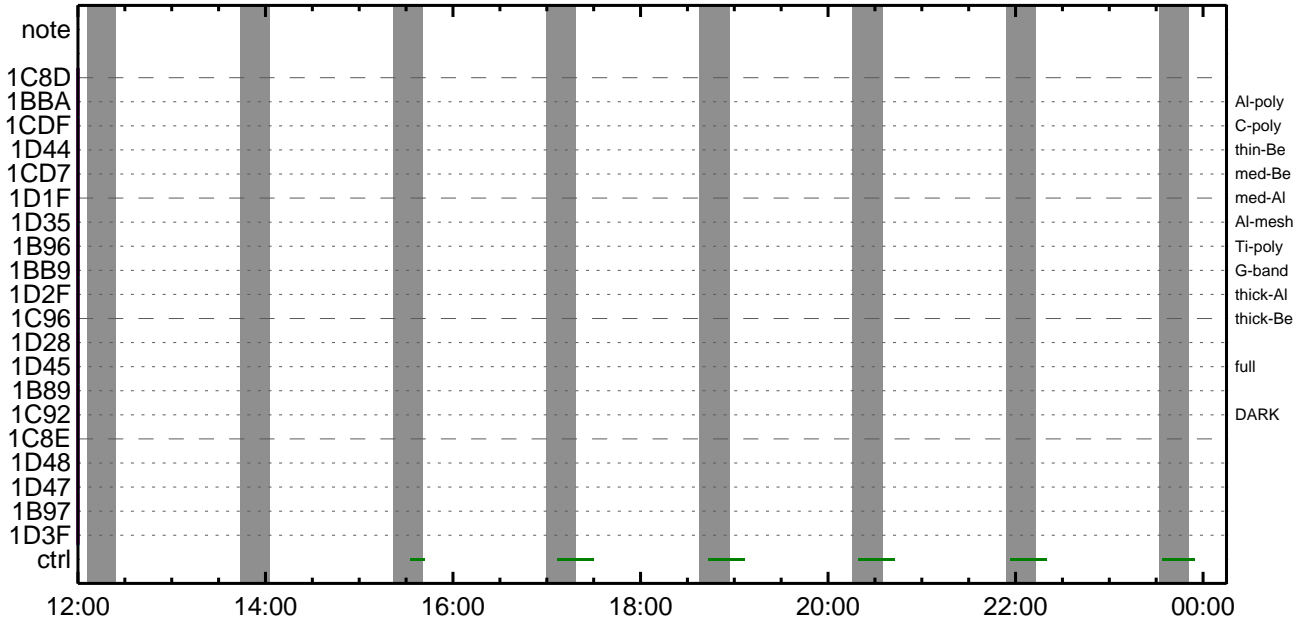
CMDI #0258 2026/04/18



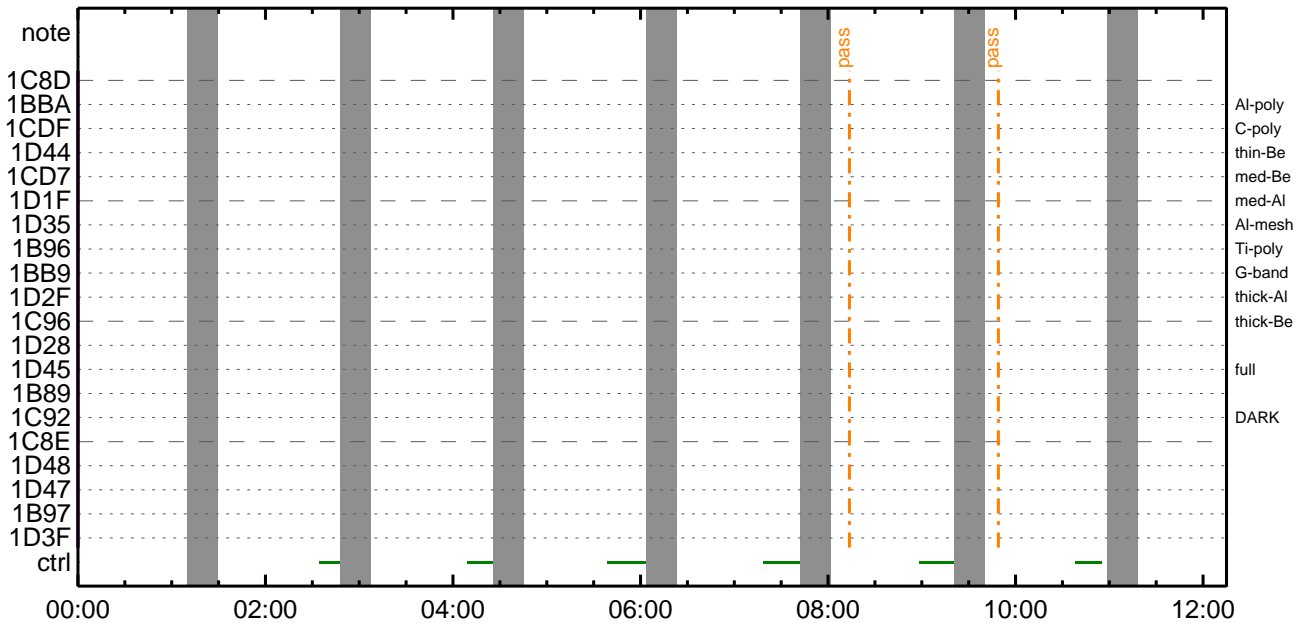
CMDI #0258 2026/04/19



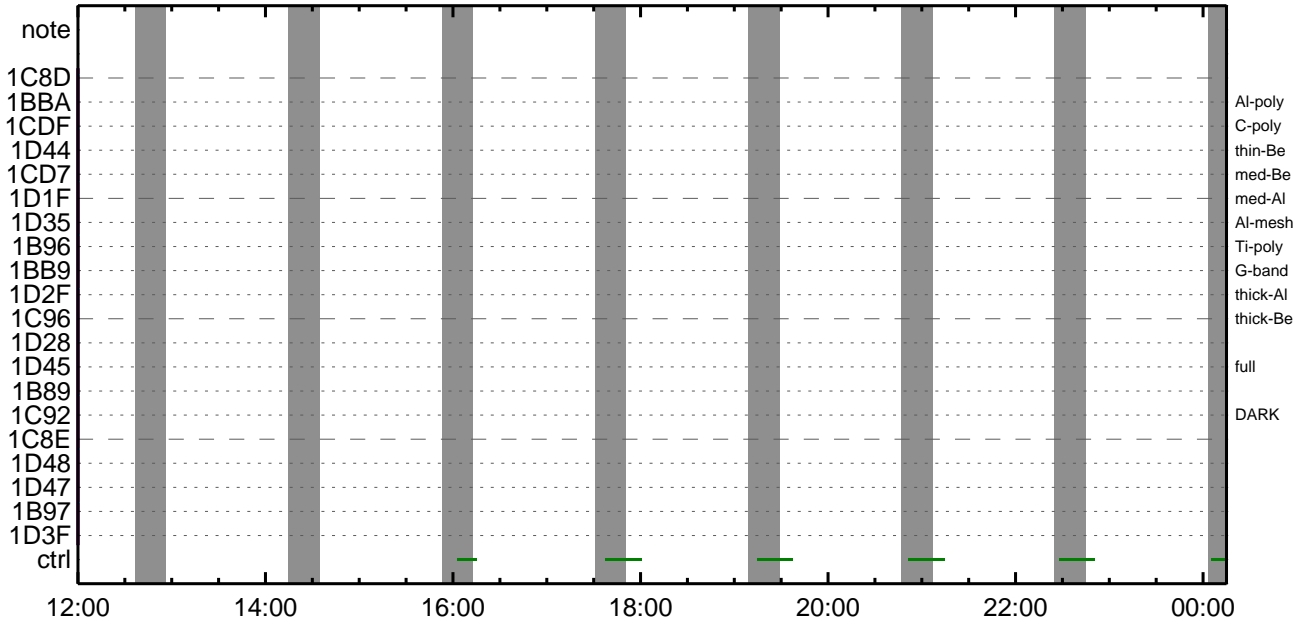
CMDI #0258 2026/04/19



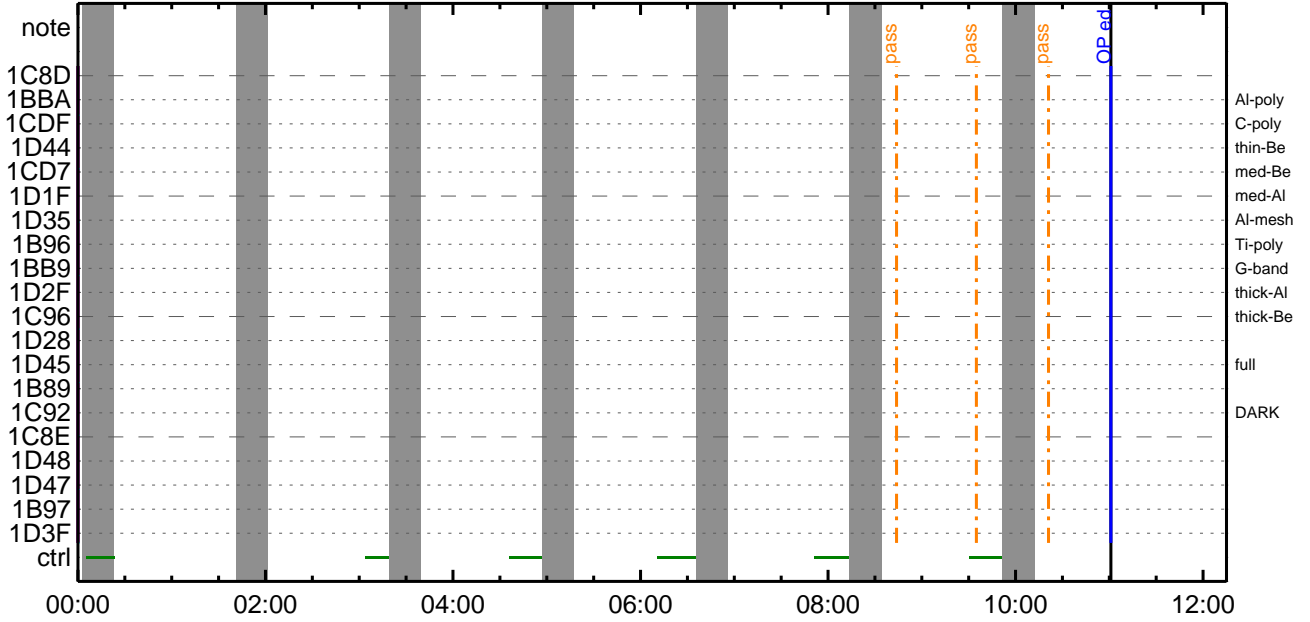
CMDI #0258 2026/04/20



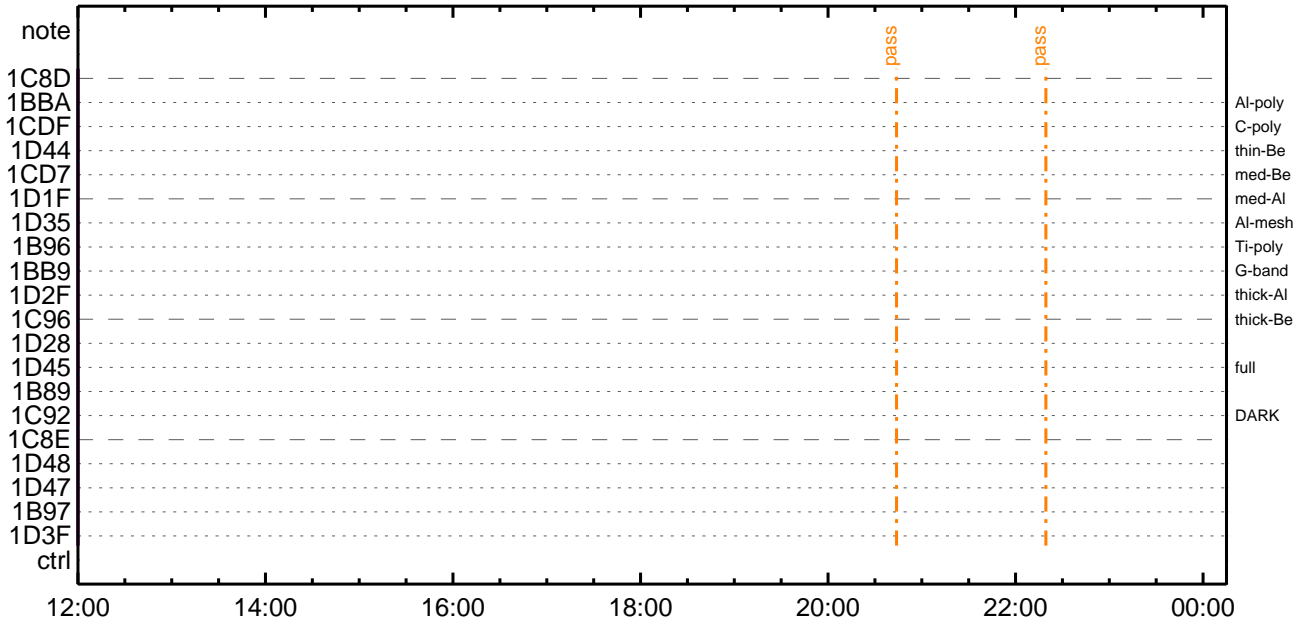
CMDI #0258 2026/04/20



CMDI #0258 2026/04/21



CMDI #0258 2026/04/21



(a) Spacecraft Operation Procedure (real-commands)

```
main-922 2026-04-16 13:18:05 278 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY~¼Á»Û;ä
0005 C.
0006 C. YÀYß;¼Y³YDÝÓYÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Ëµ¿µÄµ•µ°Ë>Í×ÁÇµÍYÇYÁY×Yí;¼YÉ;ËËÈµ•íÍË;ËËÈ¼°ÇÖµ•µ¿¼í¹ÇµÍ; ÇÁ®, ùµ¹µÈµDµÇÁ÷¿®µ•µËµµµ³µÈ; £
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ÷¿µ;ON
0016 C. *****
0017 C. Ç" °ËÀ, Í×ËÝµÄLOSµDµÇµÍ»p´Öµò¹íÍ, µ•; ÇÉÖÍ×µËXÁÓONµÍ¹ÖµËµÍµËµµµ³µÈ; £
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. ÇÇ [HK1_XPA_ON/OFF] EQ ON
0025 C. ÇÇ [HK1_XPA_PWR_HI/LO] EQ HI
0026 C. ÇÇ [HK1_XMOD_ON/OFF] EQ ON
0027 C. ÇÇ [HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYDÝÓYÉYíYÁY~¾ÖÁÖµ¬°ÄÄÈµ•µ¿µé; Ç°Ë²¼µÍ°ËÀ, ¼È½Çµò¼Á¹Öµ¹µé; £
0030 C.
0031 . C. *****
0032 C. DR PT1 Áí¼í°ËÀ,
0033 C. *****
0034 C. Ç" RESTART;ËPT1;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°Ë²¼µÍ¼Á¹Öµµ°; ÇDCBC-150µØ¿ËÈµà; £
0035 C.
0036 . C. ;ãPT1°ËÀ, ³«»Í;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. ÇÇ [HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö, ;¼Ú)
0043 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0044 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ËÀ, °Ë³«;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ÇÇ [HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ö, ;¼Ú)
0050 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0051 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ËÀ, µ¬¼«°ËÁ»ßµ•µ¿, á; Ç°Ë²¼µò¼Á¹Öµ¹µé; £
0055 C. YÇYÓYÉYËÁÚÁØµàÁ•Á°²óÈòµ¬¼áµ¾¼í¹ÇµÍ´°Í»µ¹µÈµDµÇÁÖµÀ; £
0056 C.
0057 . C. *****
0058 C. DR PT2 Áí¼í°ËÀ,
0059 C. *****
0060 C. Ç" RESTART;ËPT2;Ëµ•µ¿µ¾¼í¹ÇµÍ; Ç°Ë²¼µÍ¼Á¹Öµµ°; ÇDCBC-151µØ¿ËÈµà; £
0061 C.
0062 . C. ;ãPT2°ËÀ, ³«»Í;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. ÇÇ [HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö, ;¼Ú)
0069 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0070 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYÓYÉYËÁÚÁØ;ËÁ•Á°²óÈò;Ë, áµÍ°ËÀ, °Ë³«;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ÇÇ [HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ö, ;¼Ú)
0076 C. ÇÇ [HK1_REP_STA/STP] EQ START (¼Á¹Ö, ;¼Ú)
0077 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ö, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ËÀ, Áá»ß; ÇXÁ÷¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ËÀ, Áá»ß;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ÇÇ [HK1_REP_STA/STP] EQ STOP
0087 C. ÇÇ [HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ÇÇ [HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ÷¿µ;OFF;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ÇÇ [HK1_XMOD_ON/OFF] EQ OFF
0095 C. ÇÇ [HK1_XPA_ON/OFF] EQ OFF
```



```

0194 C.
0195 +. TI 2026-04-16 11:05:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼¤İÄê¾İİÑ¤İŸÄŸ$ŸÄŸ~¹äİÜ
0200 C.          ¢¢[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.          ¢¢[HK1_TI_CMD_NUM]          EQ      4
0202 C.          ¢¢[HK1_NEXT_EXEC_PIM]       EQ      DHU
0203 C.          ¢¢[HK1_NEXT_EXEC_DC]       EQ      0xB3
0204 C.
0205 . C. *****
0206 C. TIİİ°èŸÄŸÖŸ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          ¢¢[HK1_DMP_TOP_ADRS_1]    EQ      07
0213 C.          ¢¢[HK1_DMP_TOP_ADRS_0]    EQ      2B
0214 C.          ¢¢[HK1_DMP_BLOCK_NUM]      EQ      3
0215 C.          ¢¢[HK1_DMP_REPEAT_NUM]    EQ      0
0216 C.          ¢¢[HK1_DMA_DMP_PIM]       EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          ¢¢[HK1_PKT_FORM_NO]       EQ      7
0220 C.          ¢¢[HK1_PKT_GEN_TIME]      EQ      0.25 s
0221 C.          ¢¢[HK1_S_TLM_BIT_RATE]    EQ      32k
0222 C.          ¢¢[HK1_X_TLM_BIT_RATE]    EQ      4M
0223 C.          ¢¢[HK1_DMP_CHK_FLG]       EQ      EXEC
0224 C.
0225 . C. ŸÄŸÖŸ×½ªİ»¤ò³İÇ$
0226 C.          ¢¢[HK1_DMP_CHK_FLG]       EQ      NON
0227 C.
0228 . C. RAM ID=TI_TBL¤İ¾È¹Ç•è²İOK¤ò³İÇ$
0229 C.
0230 . C. DHUŸª;¼ŸÉ;È¼Ÿ½,Ÿİ;¼ŸÈ;È¤òİª¤¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          ¢¢[HK1_PKT_FORM_NO]       EQ      2
0234 C.          ¢¢[HK1_PKT_GEN_TIME]      EQ      0.5S
0235 C.          ¢¢[HK1_S_TLM_BIT_RATE]    EQ      32K
0236 C.          ¢¢[HK1_X_TLM_BIT_RATE]    EQ      4M
0237 C.
0238 . C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2026-04-16 11:05:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2026-04-16 11:05:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 . C.          [ ] [HK1_TI_CMD_NUM]    EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2026-04-16 11:05:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 . C.          [ ] [HK1_TI_CMD_NUM]    EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 . C. ***** MDP ´ûÃİ¤İ»ö¾Ÿ¤ÈÄ¤¤¹¤èDCBC•×²è *****
0265 C. (¾ª°İŸÖŸÄŸÈŸŸŸÈŸâŸçŸè¤È½¾¤¼Ä»Ü¤¹¤è)
0266 . S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 . C. ***** ŸĐŸ!•İ Daily±;İÑ¤È'Ø¤¹¤èDCBC•×²è *****
0271 . S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 . C. ;ãLOSŸÄŸ$ŸÄŸ~¼Ä»Ü;ã
0276 C.
0277 . C. ***** LOS *****
0278 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-923 2026-04-16 13:18:05 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0005 C.
0006 C. ŸÄŸß;¼Ÿ³ŸDŸóŸÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èñ¿ñÄñ•µ°È»Í×ÁÇñÍŸçŸÄŸ×Ÿí;¼ŸÉ;ÈÈè¼µ•ííÈ;ÈñÈ¼°ÇÖñ•ñ¿¼í¹ÇñÍ;çÄ®, ùñ¹ñèñDñÇÄ÷¿®ñ•ñÈñññ³ñÈ;ñ
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 56s
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 ( )
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 BC (07 07 07 00 00 70 00)
0060 C.
0061 C. Execute, after the success of OBSTBL upload.
0062 C. Set EIS TI-commands
0063 +. TI 2026-04-16 11:05:50.0
0064 DC 07-FC EIS_MODE_CHG_ENA
0065 BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 C. *****
0068 C. EIS END OBSTBL LOAD
0069 C. *****
0070 C.
0071 . C. ***** MDP ´ûÄÎñÍ»ó¼ŸñÈÄñ¹ñèDCBC•×²è *****
0072 C. (¾å°íŸÓŸÄŸÈŸDŸŸÈŸáŸçŸëñÈ¼¼ñ¼Ä»Ûñ¹ñè)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** ŸDŸ¹!•Ï Daily±¿ÍññÈ´Øñ¹ñèDCBC•×²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 C.
0081 C.
0082 . C. ;ãLOSŸÁŸSŸÄŸ~¼Ä»Û;ä
0083 C.
0084 . C. ***** LOS *****
0085 C.
```


0096 C.
0097 C.
0098 . C. ***** ¥Ð¥!•ï Daily±¿ÍÑ±È´Ø±¹±ëDCBC•×²è *****
0099 . S. DC-BC dcbc-153;DCBC
0100 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0101 C.
0102 C.
0103 . C. ;ãLOS¥Á¥S¥Ã¥~¼Å»Ü;ä
0104 C.
0105 . C. ***** LOS *****
0106 C.

Apr 16, 26 13:18

XRT_OGLIST_0258.chk

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*** OP Sequence for XRT ***

2026/04/16	11:15:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	11:15:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	11:15:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/04/16	11:16:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 00 00 ab 8e				
2026/04/16	11:16:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/04/16	11:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/04/16	11:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/04/16	11:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/04/16	11:16:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/16	11:18:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2026/04/16	11:18:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/04/16	11:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/16	11:51:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	11:51:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	11:51:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/16	11:51:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/16	11:52:30.0	XRT_Custom_430_OG [0x1ae]							
2026/04/16	11:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/16	11:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/16	12:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	12:09:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	12:09:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/16	12:09:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/16	12:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/16	12:26:00.0	XRT_Custom_430_OG [0x1ae]							
2026/04/16	12:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/16	13:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	13:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	13:29:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/04/16	13:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03 03 a5 02 0c				
2026/04/16	13:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/04/16	13:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/04/16	13:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/04/16	13:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/04/16	13:30:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/16	13:32:56.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2026/04/16	13:32:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/04/16	13:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/16	13:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	13:47:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	13:47:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/16	13:47:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/16	13:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/16	14:04:30.0	XRT_Custom_430_OG [0x1ae]							
2026/04/16	14:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/16	15:26:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/16	15:26:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2026/04/16	15:26:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/16	15:26:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/16	15:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/16	15:45:30.0	XRT_Custom_430_OG [0x1ae]					
2026/04/16	15:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/16	17:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	17:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	17:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/16	17:04:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/16	17:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/16	17:33:00.0	XRT_Custom_430_OG [0x1ae]					
2026/04/16	17:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/16	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	18:02:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/04/16	18:03:00.0	AOCS_Or-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2026/04/16	18:03:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2026/04/16	18:03:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2026/04/16	18:03:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/16	18:05:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2026/04/16	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/16	18:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	18:12:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	18:12:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2026/04/16	18:13:00.0	AOCS_Or-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 03 a5 02 0c	
2026/04/16	18:13:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/16	18:13:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/16	18:13:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/16	18:13:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/16	18:13:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/16	18:15:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2026/04/16	18:15:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2026/04/16	18:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/16	18:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	18:42:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	18:42:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/16	18:42:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/16	18:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/16	19:09:30.0	XRT_Custom_430_OG [0x1ae]					
2026/04/16	19:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/16	20:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	20:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	20:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/16	20:20:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/16	20:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/16	20:45:30.0	XRT_Custom_430_OG [0x1ae]					
2026/04/16	20:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/16	21:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	21:58:02.0	XRT_CTRL_MANU_402_OG [0x192]					

2026/04/16	21:58:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	21:58:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/16	22:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/16	22:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/16	22:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/16	23:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	23:36:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	23:36:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/16	23:36:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/16	23:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/16	23:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/16	23:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	01:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	01:13:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	01:13:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	01:13:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	01:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/17	01:31:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/17	01:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	02:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	02:37:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	02:37:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	02:37:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	02:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/17	03:09:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/17	03:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	04:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/04/17	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00	
2026/04/17	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/17	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/17	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/17	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/17	04:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2026/04/17	04:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2026/04/17	04:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	04:11:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	04:11:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	04:11:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	04:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/17	04:47:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/17	04:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	05:31:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	05:31:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	05:31:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	05:31:48.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	

2026/04/17	05:31:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2026/04/17	05:31:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/17	05:34:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2026/04/17	05:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	05:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	05:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	05:41:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	05:41:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/17	05:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/17	06:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	06:22:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	06:22:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2026/04/17	06:23:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	57 74 01 f3
2026/04/17	06:23:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/17	06:23:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/17	06:23:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/17	06:23:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/17	06:23:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	06:25:30.0	XRT_Custom_430_OG [0x1ae]					
2026/04/17	06:25:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
2026/04/17	06:25:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/04/17	06:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	06:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	06:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	06:47:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2026/04/17	06:47:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	4e 97 01 f3
2026/04/17	06:47:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/17	06:47:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/17	06:47:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/17	06:47:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/17	06:47:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	06:50:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
2026/04/17	06:50:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/04/17	06:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	07:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	07:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	07:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	07:21:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/17	07:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/17	08:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	08:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	08:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2026/04/17	08:05:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	45 b2 01 f3
2026/04/17	08:05:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/17	08:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/17	08:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/17	08:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]					

2026/04/17	08:05:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/17	08:07:56.0	XRT_OT_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/17	08:07:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0d
2026/04/17	08:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/04/17	08:25:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/17	08:25:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	08:25:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	08:26:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/04/17	08:26:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 3c cc 01 f3
2026/04/17	08:26:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/04/17	08:26:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/04/17	08:26:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/04/17	08:26:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/17	08:28:56.0	XRT_OT_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/17	08:28:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0d
2026/04/17	08:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/04/17	09:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/17	09:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	09:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	09:01:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/17	09:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/17	09:42:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/17	09:42:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	09:42:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	09:43:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/04/17	09:43:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 33 e7 01 f3
2026/04/17	09:43:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/04/17	09:43:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/04/17	09:43:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/04/17	09:43:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/17	09:45:56.0	XRT_OT_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/17	09:45:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0d
2026/04/17	09:46:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/04/17	10:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/17	10:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	10:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/17	10:04:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/04/17	10:04:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 2b 02 01 f3
2026/04/17	10:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/04/17	10:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/04/17	10:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/04/17	10:04:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/17	10:06:56.0	XRT_OT_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/17	10:06:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0d
2026/04/17	10:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/04/17	10:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1

2026/04/17	10:41:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	10:41:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/17	10:41:06.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/17	10:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/17	10:57:30.0	XRT_Custom_430_OG [0x1ae]							
2026/04/17	10:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/17	11:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	11:02:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	11:02:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/17	11:02:36.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/04/17	11:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/04/17	11:20:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	11:20:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	11:20:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/04/17	11:21:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00 22 24 01 f3				
2026/04/17	11:21:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/04/17	11:21:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/04/17	11:21:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/04/17	11:21:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/04/17	11:21:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/17	11:23:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2026/04/17	11:23:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/04/17	11:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/17	11:41:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	11:41:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	11:41:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/04/17	11:42:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00 19 3f 01 f3				
2026/04/17	11:42:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/04/17	11:42:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/04/17	11:42:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/04/17	11:42:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/04/17	11:42:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/17	11:44:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2026/04/17	11:44:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/04/17	11:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/04/17	12:02:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	12:02:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/04/17	12:02:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/04/17	12:03:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 10 5a 01 f3				
2026/04/17	12:03:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/04/17	12:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/04/17	12:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/04/17	12:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/04/17	12:03:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/04/17	12:05:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2026/04/17	12:05:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/04/17	12:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				

2026/04/17	12:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	12:41:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	12:41:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	12:41:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/17	12:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/17	12:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	12:59:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	12:59:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/04/17	12:59:30.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 07 74 01 f3		
2026/04/17	12:59:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/04/17	12:59:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/04/17	12:59:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/04/17	12:59:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/17	12:59:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	13:02:26.0	XRT_OT_PROG_SET_440_OG [0x1b8]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0d		
2026/04/17	13:02:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e		
2026/04/17	13:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	13:20:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	13:20:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	13:20:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/04/17	13:20:30.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 ff 75 01 f3		
2026/04/17	13:20:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/04/17	13:20:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/04/17	13:20:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/17	13:23:28.0	XRT_OT_PROG_SET_447_OG [0x1bf]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0b		
2026/04/17	13:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	13:41:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	13:41:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	13:41:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/04/17	13:41:30.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 f6 98 01 f3		
2026/04/17	13:41:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/04/17	13:41:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/04/17	13:41:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/04/17	13:41:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/17	13:41:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	13:44:26.0	XRT_OT_PROG_SET_440_OG [0x1b8]	MDP_XRT_OT_PROG_SET	2	07-F0	c4 0d		
2026/04/17	13:44:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e		
2026/04/17	13:44:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	14:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	14:19:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	14:19:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	14:19:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/17	14:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/17	14:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	14:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	14:37:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2026/04/17	14:37:30.0	AOCS_ORe-point_Start_16_OG [0x0a6]						

2026/04/17	14:37:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	ed b3 01 f3
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/17	14:37:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/17	14:37:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/17	14:37:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/17	14:37:56.0	XRT_FLD_RESET_401_OG [0x191]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	14:40:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2026/04/17	14:40:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2026/04/17	14:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	14:58:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	14:58:26.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	14:58:28.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/04/17	14:58:30.0	AOCS_Ore-point_Start_17_OG [0x0a7]					
			AOCU_NM	5	02-76	00 e4 cd 01 f3	
2026/04/17	14:58:48.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/17	14:58:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/17	14:58:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/17	14:58:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/17	14:58:56.0	XRT_FLD_RESET_401_OG [0x191]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	15:01:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2026/04/17	15:01:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2026/04/17	15:01:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	15:19:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	15:19:26.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	15:19:28.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/04/17	15:19:30.0	AOCS_Ore-point_Start_18_OG [0x0a8]					
			AOCU_NM	5	02-76	00 db e8 01 f3	
2026/04/17	15:19:48.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/04/17	15:19:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/04/17	15:19:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/04/17	15:19:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/04/17	15:19:56.0	XRT_FLD_RESET_401_OG [0x191]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	15:22:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2026/04/17	15:22:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e	
2026/04/17	15:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	15:57:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	15:57:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	15:57:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	15:57:06.0	XRT_PREFLR_STRT_431_OG [0x1af]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/17	16:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/04/17	16:18:00.0	XRT_Custom_430_OG [0x1ae]					
2026/04/17	16:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/04/17	16:27:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	16:27:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	16:27:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2026/04/17	16:27:06.0	XRT_PREFLR_STRT_431_OG [0x1af]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/04/17	16:28:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	16:28:26.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/04/17	16:28:28.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/04/17	16:28:30.0	AOCS_Ore-point_Start_19_OG [0x0a9]					

2026/04/17	16:28:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	d3	03	01	f3
		MDP_XRT_FLD_ENA		1	07-F0		d8			
2026/04/17	16:28:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/04/17	16:28:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/04/17	16:28:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2026/04/17	16:28:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0		da			
2026/04/17	16:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2026/04/17	16:31:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0		c4	0d		
2026/04/17	16:31:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0		c5	0e		
2026/04/17	16:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2026/04/17	16:49:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	16:49:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	16:49:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/04/17	16:49:30.0	AOCS_ORe-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00	ca	25	01	f3
2026/04/17	16:49:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/04/17	16:49:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/04/17	16:49:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/04/17	16:49:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2026/04/17	16:49:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0		da			
2026/04/17	16:52:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0		c4	0d		
2026/04/17	16:52:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0		c5	0e		
2026/04/17	16:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2026/04/17	17:10:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	17:10:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	17:10:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/04/17	17:10:30.0	AOCS_ORe-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00	c1	40	01	f3
2026/04/17	17:10:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/04/17	17:10:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/04/17	17:10:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/04/17	17:10:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5			
2026/04/17	17:10:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0		da			
2026/04/17	17:13:26.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0		c4	0d		
2026/04/17	17:13:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0		c5	0e		
2026/04/17	17:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2026/04/17	17:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	17:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	17:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0		da			
2026/04/17	17:35:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2026/04/17	17:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2026/04/17	18:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	18:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0		c1			
2026/04/17	18:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/04/17	18:05:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00	b8	5b	01	f3
2026/04/17	18:05:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0		d8			
2026/04/17	18:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2026/04/17	18:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0		d0			
2026/04/17	18:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0		d5			

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2026/04/17	18:05:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	18:07:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2026/04/17	18:07:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/04/17	18:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	18:25:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	18:25:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	18:25:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2026/04/17	18:26:00.0	AOCS_Ore-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	00	af 75 01 f3	
2026/04/17	18:26:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/04/17	18:26:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/04/17	18:26:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/04/17	18:26:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/17	18:26:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	18:28:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2026/04/17	18:28:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/04/17	18:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	18:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	18:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	18:46:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2026/04/17	18:47:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00	
2026/04/17	18:47:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/04/17	18:47:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/04/17	18:47:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/17	18:49:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2026/04/17	18:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	18:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	18:56:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	18:56:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2026/04/17	18:57:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03	03 a5 02 0c	
2026/04/17	18:57:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2026/04/17	18:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2026/04/17	18:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2026/04/17	18:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/17	18:57:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	18:59:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10	
2026/04/17	18:59:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e	
2026/04/17	19:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	19:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	19:13:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	19:13:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	19:13:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/17	19:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/17	19:40:30.0	XRT_Custom_430_OG [0x1ae]						
2026/04/17	19:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	20:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	20:51:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	20:51:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		

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2026/04/17	20:51:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/17	20:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/17	21:17:00.0	XRT_Custom_430_OG [0x1ae]						
2026/04/17	21:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	22:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	22:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	22:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/17	22:29:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/17	22:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/17	22:53:30.0	XRT_Custom_430_OG [0x1ae]						
2026/04/17	22:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/17	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/17	23:59:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2026/04/18	00:00:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	00 ad 59 00 00		
2026/04/18	00:00:18.0	XRT_FLD_DIS_418_OG [0x1a2]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/04/18	00:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	00:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	00:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/18	00:07:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/18	00:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/18	00:14:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/04/18	00:14:56.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/18	00:14:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14		
2026/04/18	00:25:30.0	XRT_Custom_430_OG [0x1ae]						
2026/04/18	00:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/18	01:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	01:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	01:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/18	01:44:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/18	01:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/18	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	01:59:58.0	XRT_FOCUS_POSITION_417_OG [0x1a1]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2026/04/18	02:00:00.0	AOCS_ORe-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00 00 00 56 35		
2026/04/18	02:00:18.0	XRT_FLD_DIS_418_OG [0x1a2]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2026/04/18	02:14:54.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2026/04/18	02:14:56.0	XRT_FLRCTRL_DIS_449_OG [0x1c1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2026/04/18	02:14:58.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2026/04/18	02:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/18	03:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	03:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	03:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2026/04/18	03:07:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2026/04/18	03:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2026/04/18	03:41:30.0	XRT_Custom_430_OG [0x1ae]						
2026/04/18	03:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2026/04/18	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2026/04/18	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2026/04/18	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	04:00:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/04/18	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00
2026/04/18	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/04/18	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/04/18	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/04/18	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/18	04:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/18	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2026/04/18	04:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/04/18	04:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/18	04:38:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	04:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	04:38:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/18	04:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/18	05:19:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/18	05:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2026/04/18	05:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/18	05:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	05:47:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	05:47:48.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/04/18	05:47:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2026/04/18	05:47:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2026/04/18	05:50:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/18	05:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2026/04/18	05:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/18	05:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	05:57:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	05:57:30.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/04/18	05:57:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 03 a5 02 0c
2026/04/18	05:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2026/04/18	05:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/04/18	05:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2026/04/18	05:57:56.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2026/04/18	06:00:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/18	06:00:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2026/04/18	06:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/04/18	06:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/18	06:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	06:14:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	06:14:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/18	06:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/18	06:58:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/18	06:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2026/04/18	07:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/18	07:54:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	07:54:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18			MDP_XRT_FLD_RESET	1	07-F0	da

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2026/04/18	07:54:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/18	07:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/18	08:36:00.0	XRT_Custom_430_OG [0x1ae]			
2026/04/18	08:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/18	09:33:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	09:33:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	09:33:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/18	09:33:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/18	09:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/18	10:14:00.0	XRT_Custom_430_OG [0x1ae]			
2026/04/18	10:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/04/18	11:14:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	11:14:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	11:14:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/04/18	11:14:06.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/04/18	11:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/04/18	11:46:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/04/18	11:47:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00