

# XRT Timeline to be uploaded on 2026/06/13

Period: 2026/06/13 11:13:00 - 2026/06/23 10:31:00

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Normal mode

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

Term	Pointing (x, y)	Comment
06/13 12:06:00 - 06/13 14:50:00	Fixed ( 840.0, 330.0)	# OP start + 10min + AR on W-limb #1
06/13 15:24:00 - 06/13 17:50:54	Fixed ( 900.0, 0.0)	W-limb pointing #2
06/13 18:04:00 - 06/14 03:29:54	Track ( -129.5, 41.2) @ 06/13 18:01:00	AR 14465 tracking
06/14 06:23:00 - 06/14 17:54:54	Track ( -17.8, 40.1) @ 06/14 06:20:00	AR tracking cont.
06/14 18:08:00 - 06/15 03:59:54	Track ( 88.8, 39.2) @ 06/14 18:05:00	AR cont.
06/15 05:34:30 - 06/15 17:31:30	Track ( 191.2, 38.5) @ 06/15 05:31:30	AR cont.

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

Subr= 1	1-time(s)	2.0sec
<b>Seqn= 92</b>	<b>1-time(s)</b>	<b>2.0sec</b>
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
<b>Subr= 2</b>	<b>5-time(s)</b>	<b>2.0sec</b>
<b>Seqn= 47</b>	<b>1-time(s)</b>	<b>2.0sec</b>
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
<b>Seqn= 96</b>	<b>4-time(s)</b>	<b>120.0sec</b>
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
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**XOB #1CF0: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(65536), Med-Al(512/8192/32768), Med-Be(128/576)**

Term	Pointing (x, y)	Comment
06/13 17:54:00 - 06/13 18:00:54	Fixed ( 0.0, 0.0)	synoptic, shifted -9.0 min
06/14 06:13:00 - 06/14 06:19:54	Fixed ( 0.0, 0.0)	synoptic, shifted 10.0 min + HOP349
06/14 17:58:00 - 06/14 18:04:54	Fixed ( 0.0, 0.0)	synoptic, shifted -5.0 min
06/15 05:24:30 - 06/15 05:31:24	Fixed ( 0.0, 0.0)	synoptic, shifted -38.5 min + HOP349
06/15 18:13:00 - 06/15 18:19:54	Fixed ( 0.0, 0.0)	synoptic, shifted 10.0 min
06/16 05:56:00 - 06/16 06:02:54	Fixed ( 0.0, 0.0)	synoptic, shifted -7.0 min + HOP349

**PROG= 15 1-time(s)**

Subr= 1	1-time(s)	2.0sec
<b>Seqn= 5</b>	<b>1-time(s)</b>	<b>2.0sec</b>
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
<b>Seqn= 26</b>	<b>1-time(s)</b>	<b>2.0sec</b>
Open/Al-mesh	Open/Al-mesh close	Safe Norm 5ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
<b>Seqn= 15</b>	<b>1-time(s)</b>	<b>2.0sec</b>
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 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/thick-Al close	Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
<b>Seqn= 83</b>	<b>1-time(s)</b>	<b>2.0sec</b>
thin-Be/Open	thin-Be/Open close	Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
<b>Seqn= 23</b>	<b>1-time(s)</b>	<b>4.0sec</b>
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
<b>Subr= 2</b>	<b>1-time(s)</b>	<b>2.0sec</b>
<b>Seqn= 65</b>	<b>1-time(s)</b>	<b>2.0sec</b>
Open/thick-Be	Open/thick-Be close	Safe Norm 64.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec
<b>Seqn= 17</b>	<b>1-time(s)</b>	<b>2.0sec</b>
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
<b>Seqn= 33</b>	<b>1-time(s)</b>	<b>2.0sec</b>
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
<b>Seqn= 50</b>	<b>1-time(s)</b>	<b>2.0sec</b>
Al-poly/Ti-poly	Al-poly/thick-Al close	Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec

Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1C9B: 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
06/14 03:33:00 - 06/14 06:09:54	Fixed ( 0.0, 0.0)	synoptic, shifted 10.0 min + HOP349
06/15 04:03:00 - 06/15 05:21:24	Fixed ( 0.0, 0.0)	synoptic, shifted -38.5 min + HOP349
06/16 04:03:00 - 06/16 05:52:54	Fixed ( 0.0, 0.0)	synoptic, shifted -7.0 min + HOP349

**PROG= 08 Inf.-time(s)**

<b>Subr= 1 1-time(s) 300.0sec</b>												
<b>Seqn=100 1-time(s) 2.0sec</b>												
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
<b>Seqn= 84 1-time(s) 2.0sec</b>												
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
<b>Seqn= 57 1-time(s) 2.0sec</b>												
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
<b>Seqn= 81 1-time(s) 2.0sec</b>												
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
<b>Subr= 2 9-time(s) 360.0sec</b>												
<b>Seqn= 8 1-time(s) 2.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 6 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
<b>Seqn= 29 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**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
06/15 18:23:00 - 06/16 03:13:00	Track ( 302.8, 38.1) @ 06/15 18:20:00	AR cont.
06/16 06:06:00 - 06/16 12:23:54	Track ( 400.5, 38.0) @ 06/16 06:03:00	AR cont.

**PROG= 01 Inf.-time(s)**

<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 92 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	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
<b>Subr= 2 5-time(s) 2.0sec</b>												
<b>Seqn= 47 1-time(s) 2.0sec</b>												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	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
<b>Seqn= 96 4-time(s) 180.0sec</b>												
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	

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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
06/13 12:06:00 - 06/13 14:50:00	Fixed ( 840.0, 330.0)	# OP start + 10min + AR on W-limb #1
06/13 15:24:00 - 06/13 17:50:54	Fixed ( 900.0, 0.0)	W-limb pointing #2
06/13 18:04:00 - 06/14 03:29:54	Track ( -129.5, 41.2) @ 06/13 18:01:00	AR 14465 tracking
06/14 03:33:00 - 06/14 06:09:54	Fixed ( 0.0, 0.0)	synoptic, shifted 10.0 min + HOP349
06/14 06:23:00 - 06/14 17:54:54	Track ( -17.8, 40.1) @ 06/14 06:20:00	AR tracking cont.
06/14 18:08:00 - 06/15 03:59:54	Track ( 88.8, 39.2) @ 06/14 18:05:00	AR cont.
06/15 04:03:00 - 06/15 05:21:24	Fixed ( 0.0, 0.0)	synoptic, shifted -38.5 min + HOP349
06/15 05:34:30 - 06/15 17:31:30	Track ( 191.2, 38.5) @ 06/15 05:31:30	AR cont.
06/15 18:23:00 - 06/16 03:13:00	Track ( 302.8, 38.1) @ 06/15 18:20:00	AR cont.
06/16 04:03:00 - 06/16 05:52:54	Fixed ( 0.0, 0.0)	synoptic, shifted -7.0 min + HOP349
06/16 06:06:00 - 06/16 12:23:54	Track ( 400.5, 38.0) @ 06/16 06:03:00	AR cont.

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	

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### Active Region Search

\* \* \* \* \*

NOT USED

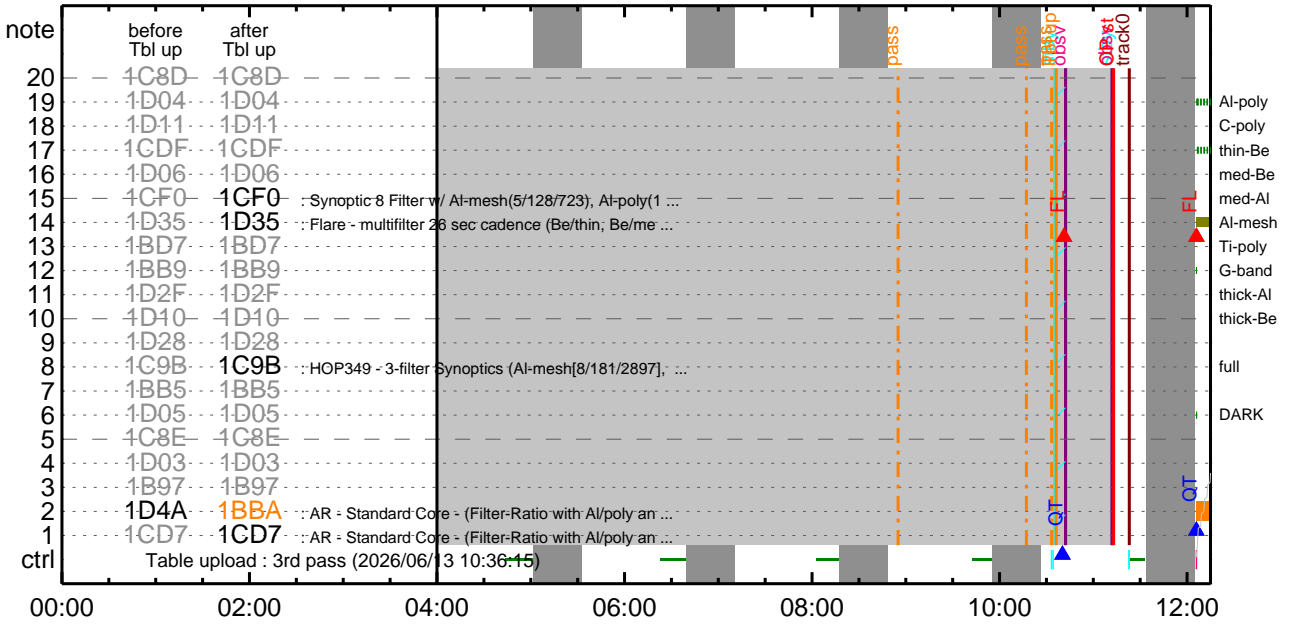
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### Flare Detection

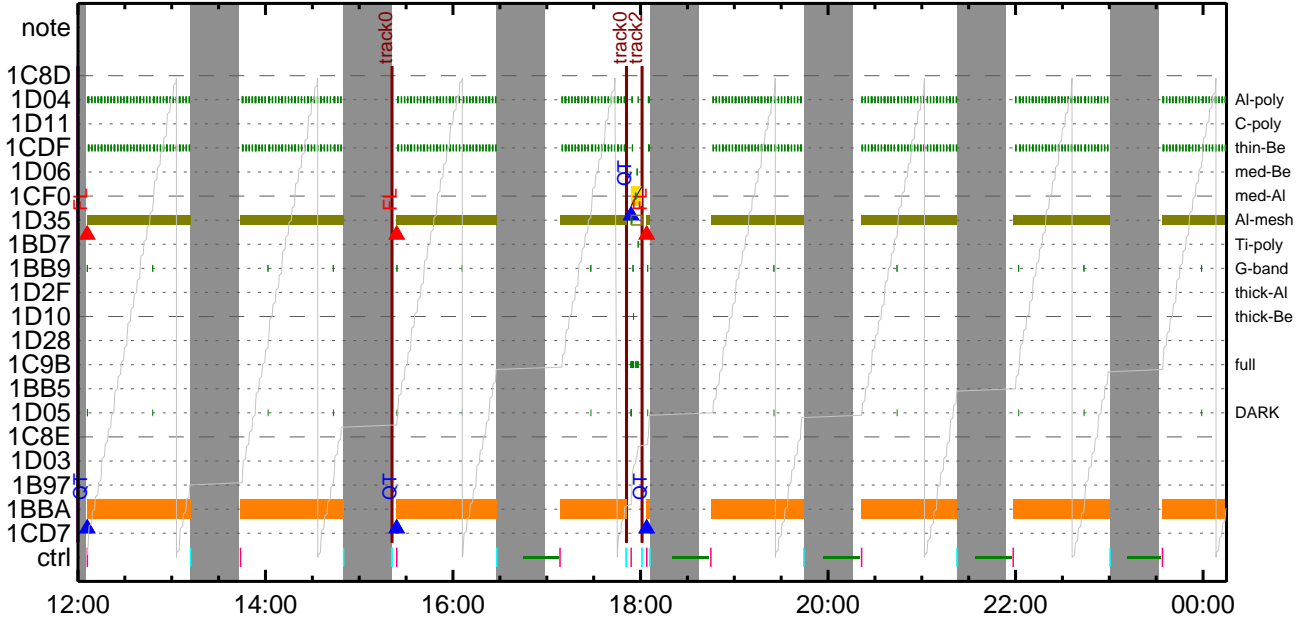
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FLD Patrol												
Term	Pointing (x, y)								Comment			
06/13 10:37:15 - 06/13 17:51:18	cannot be identified											
06/13 18:01:18 - 06/14 06:10:18	Track (	-129.5,	41.2)	@ 06/13 18:01:00	AR 14465 tracking							
06/14 06:20:18 - 06/14 17:55:18	Track (	-17.8,	40.1)	@ 06/14 06:20:00	AR tracking cont.							
06/14 18:05:18 - 06/15 05:21:48	Track (	88.8,	39.2)	@ 06/14 18:05:00	AR cont.							
06/15 05:31:48 - 06/15 18:10:18	Track (	191.2,	38.5)	@ 06/15 05:31:30	AR cont.							
06/15 18:20:18 - 06/16 05:53:18	Track (	302.8,	38.1)	@ 06/15 18:20:00	AR cont.							
06/16 06:03:18 - 06/23 10:31:00	Track (	400.5,	38.0)	@ 06/16 06:03:00	AR cont.							
	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

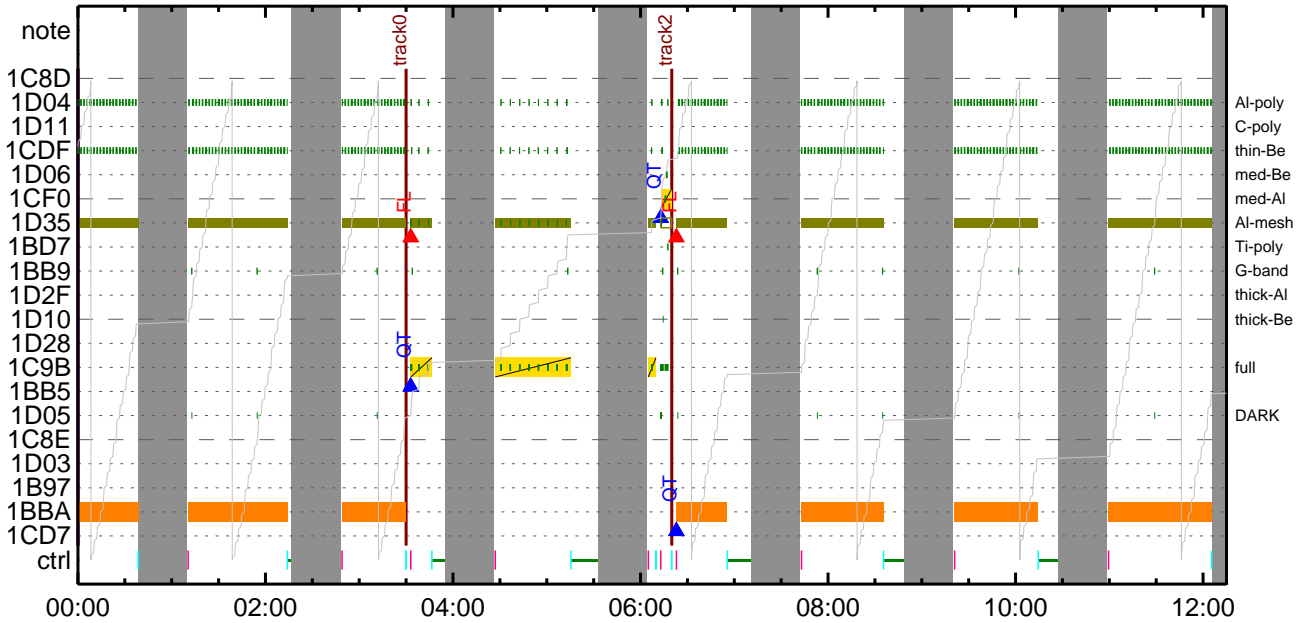
### CMDI #0377 2026/06/13



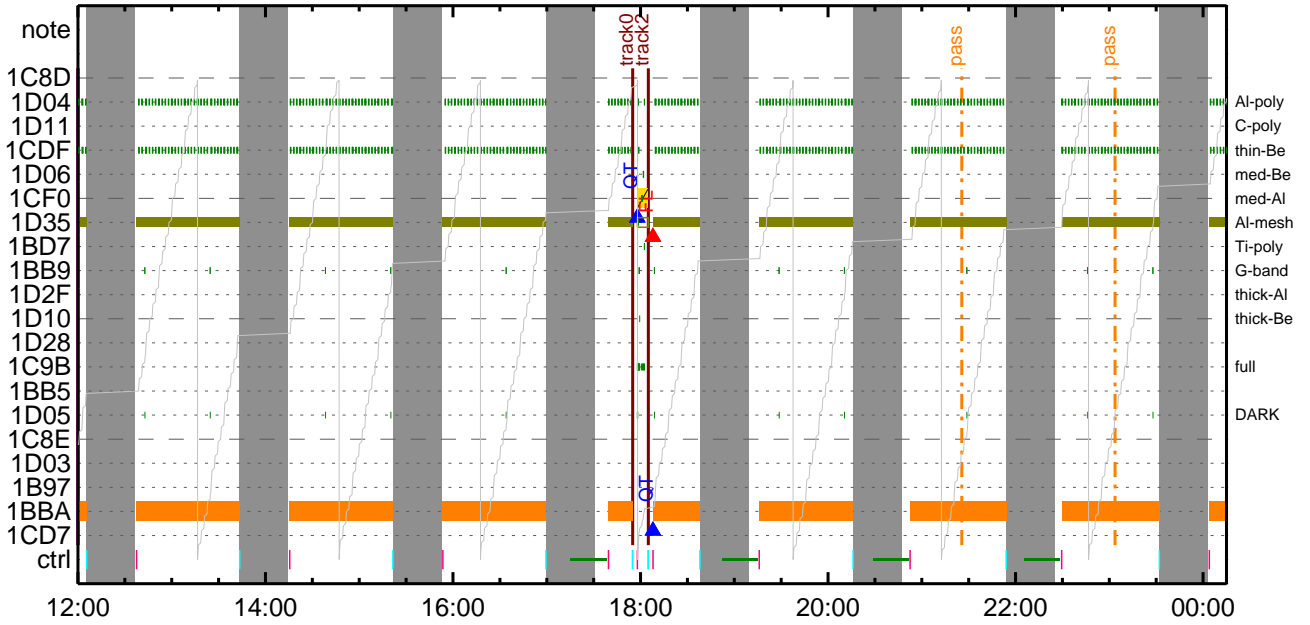
### CMDI #0377 2026/06/13



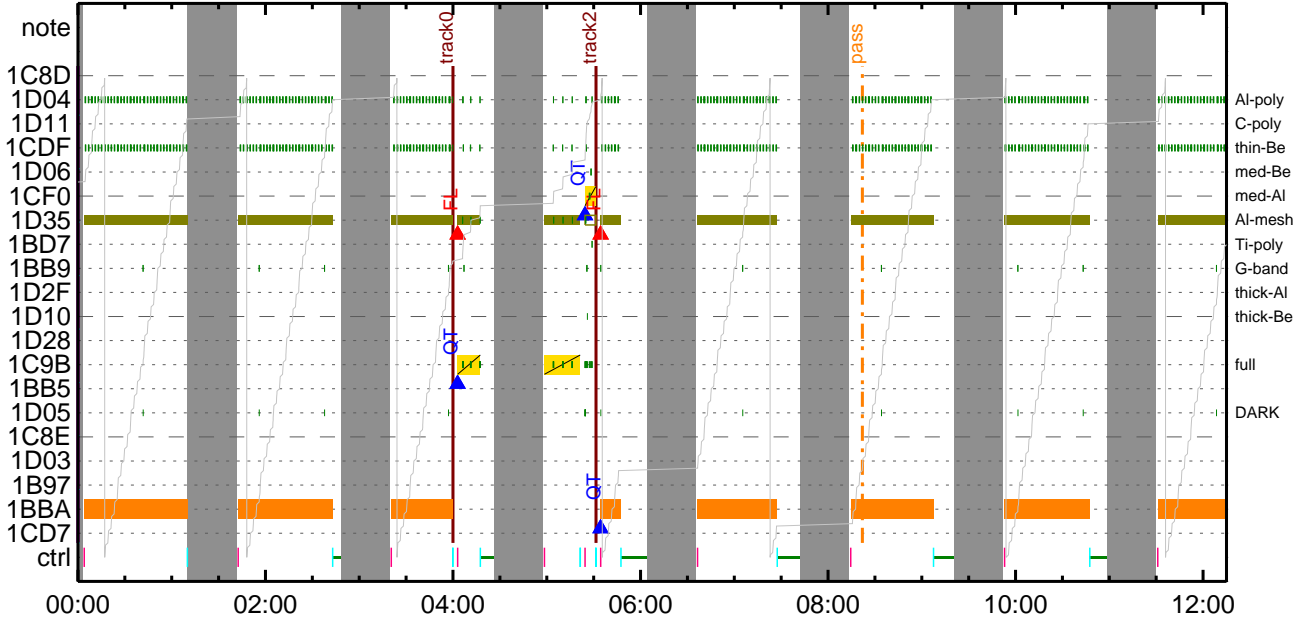
### CMDI #0377 2026/06/14



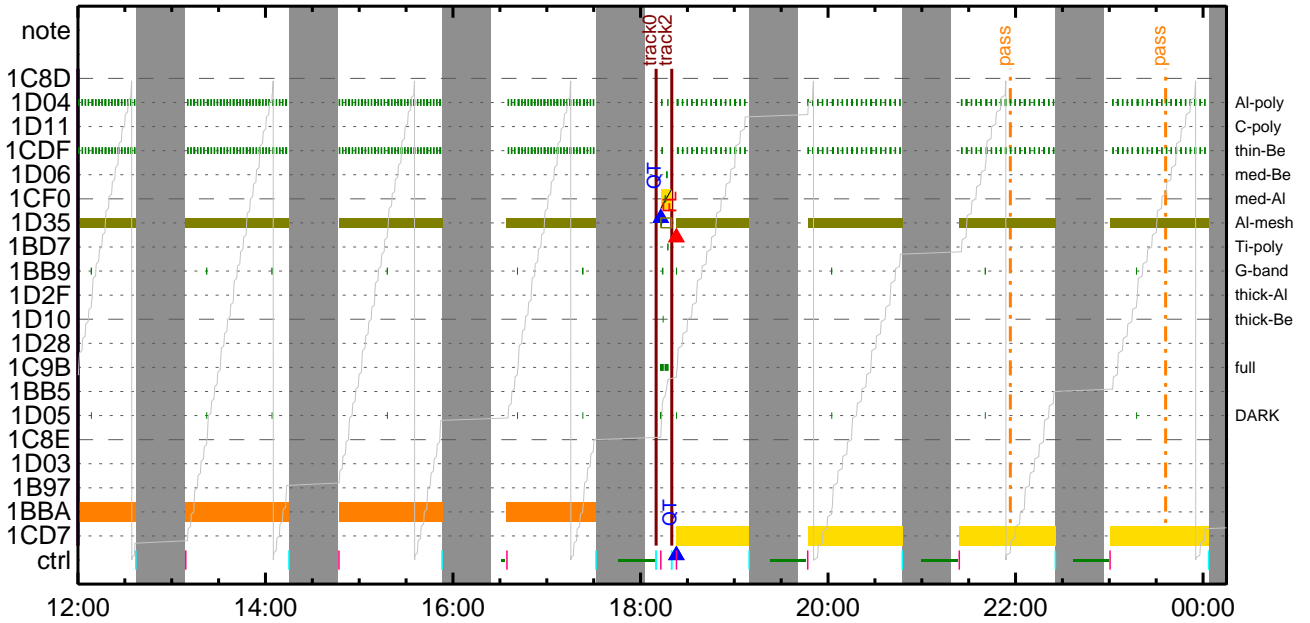
CMDI #0377 2026/06/14



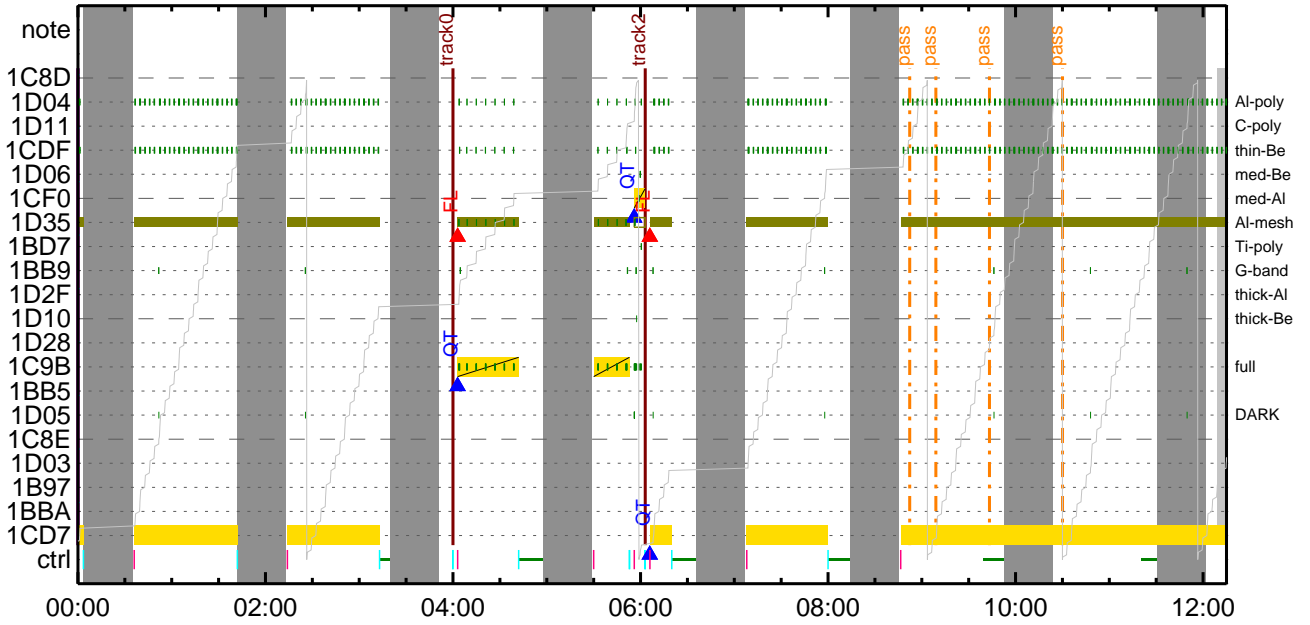
CMDI #0377 2026/06/15



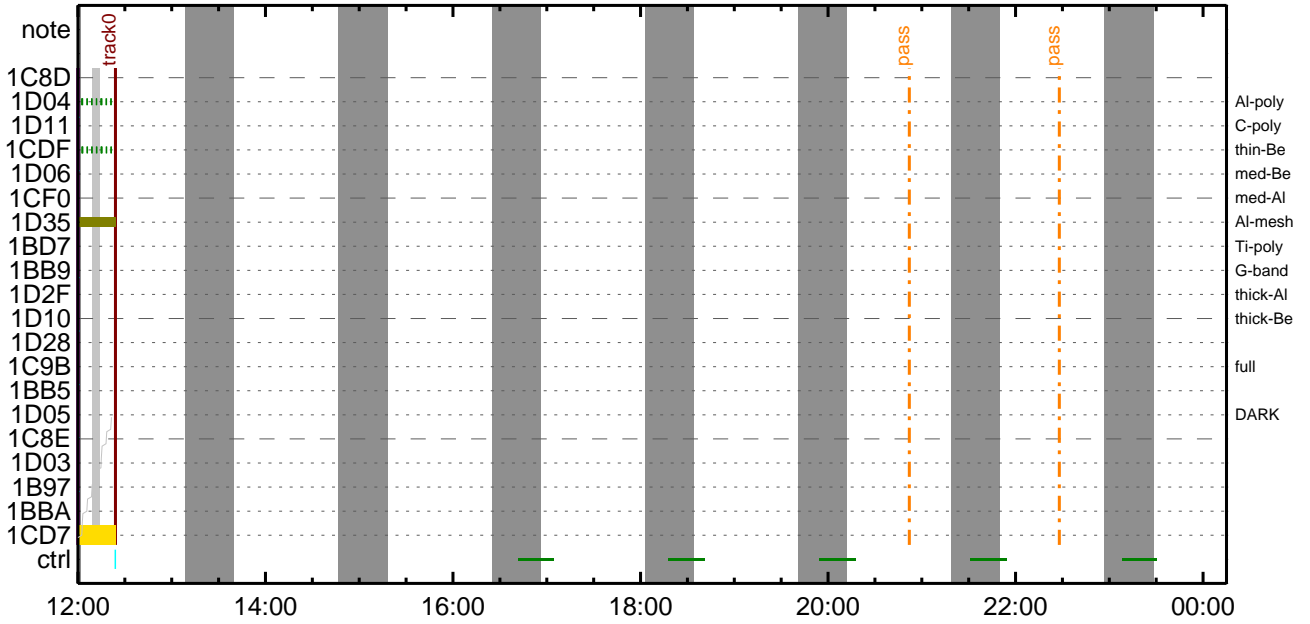
CMDI #0377 2026/06/15



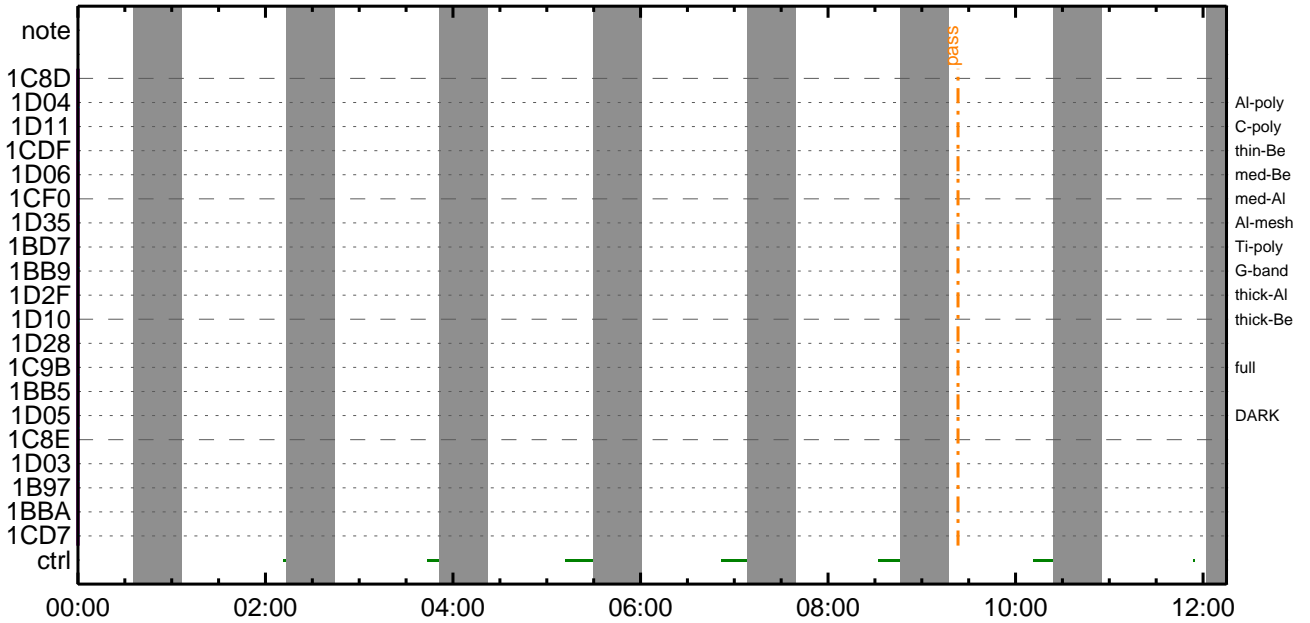
CMDI #0377 2026/06/16



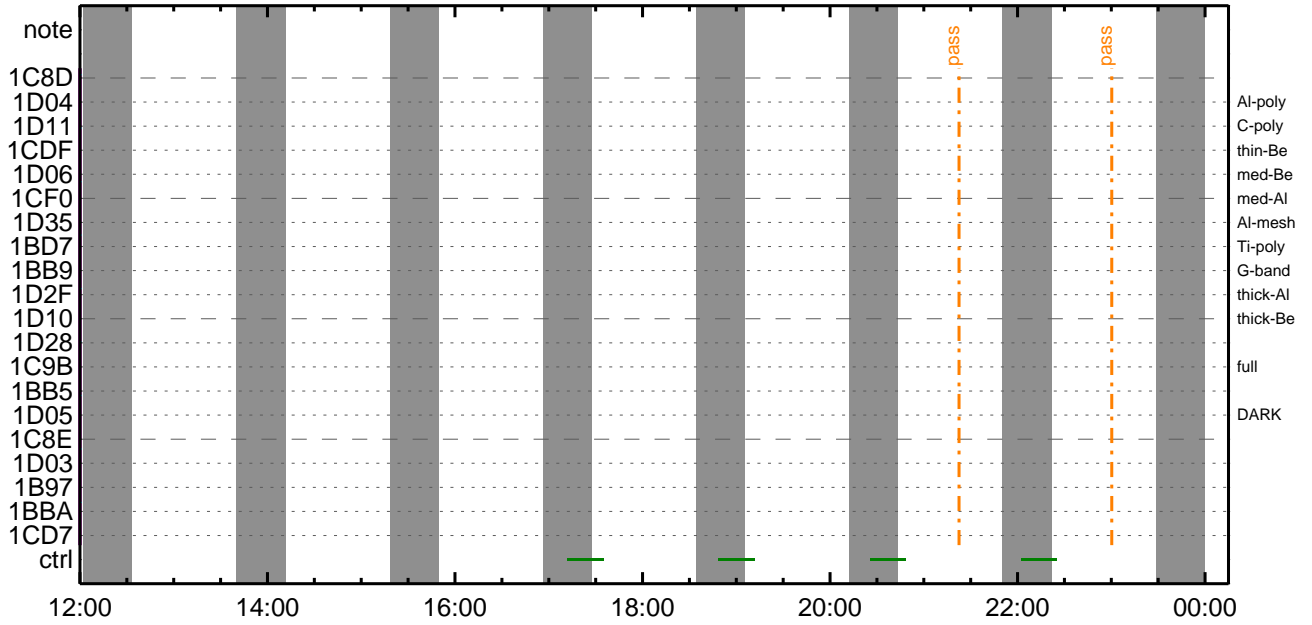
CMDI #0377 2026/06/16



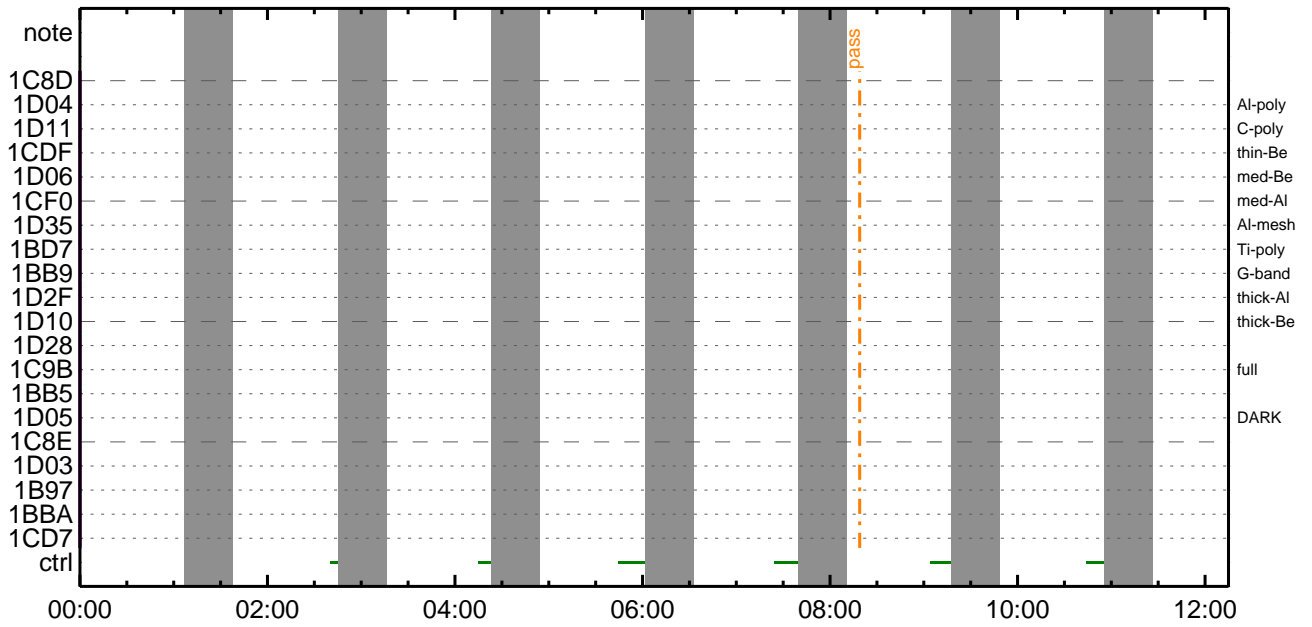
CMDI #0377 2026/06/17



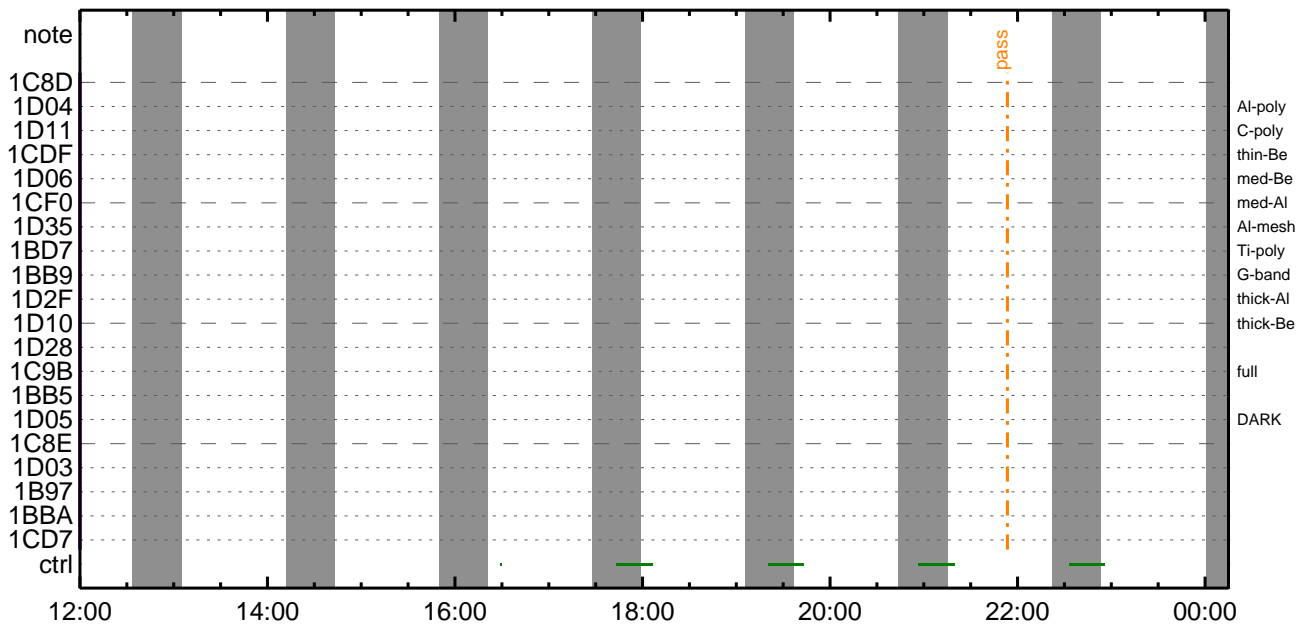
CMDI #0377 2026/06/17



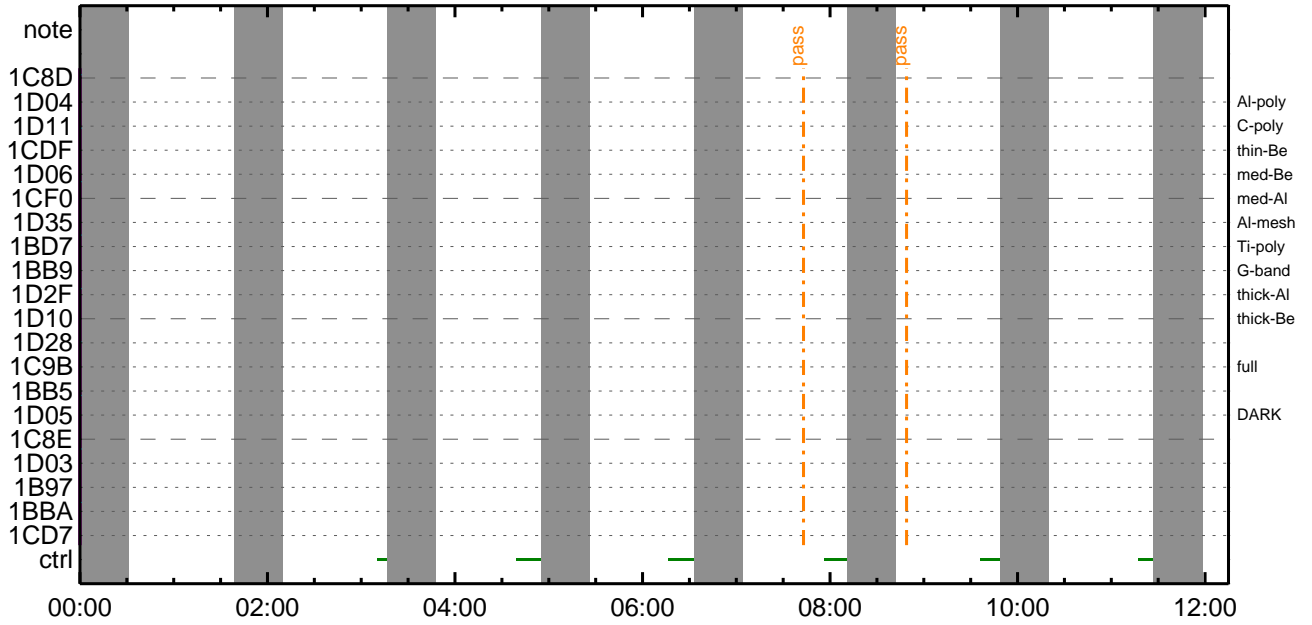
CMDI #0377 2026/06/18



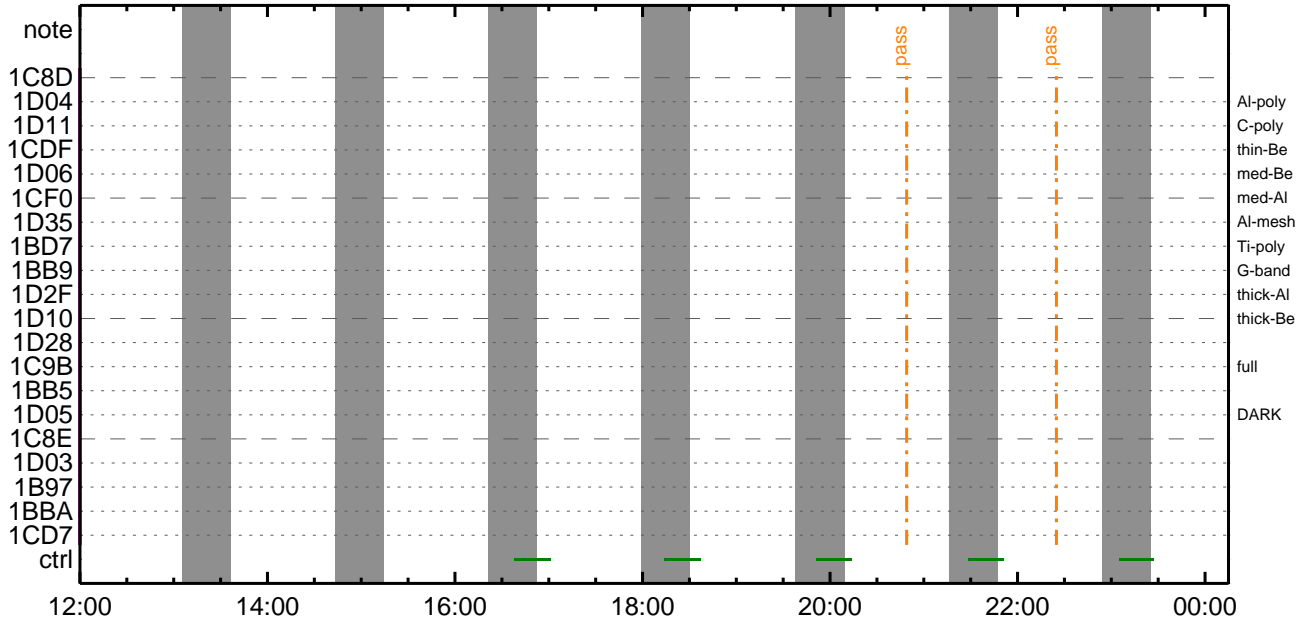
CMDI #0377 2026/06/18



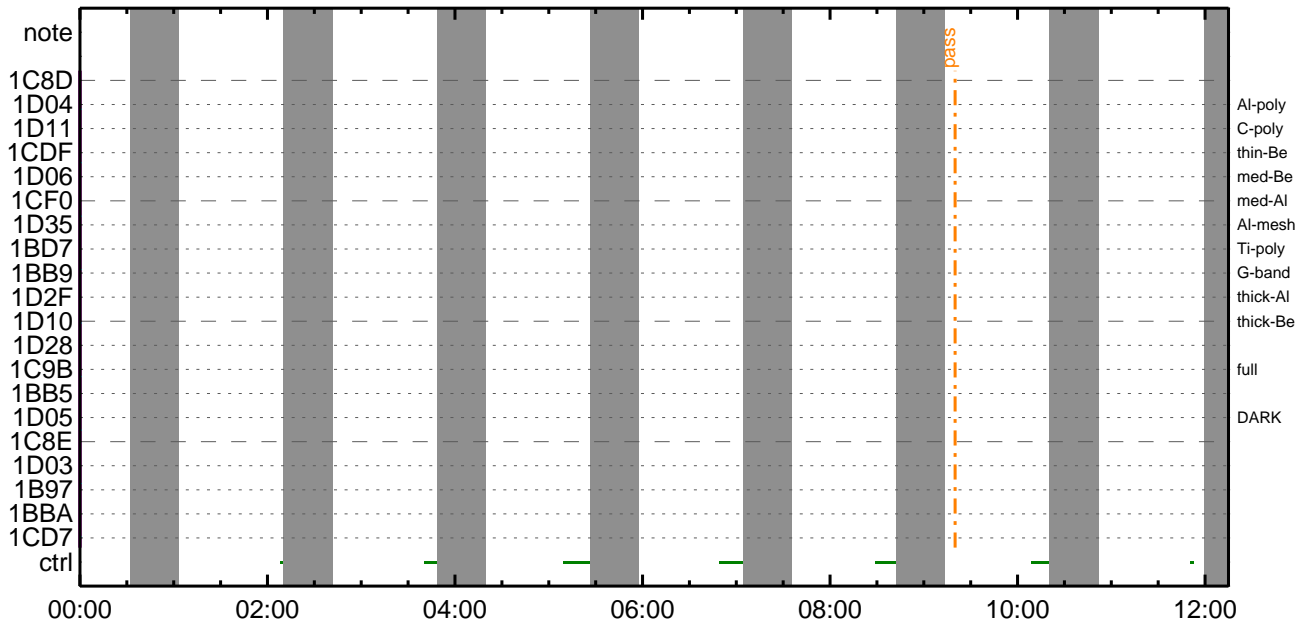
### CMDI #0377 2026/06/19



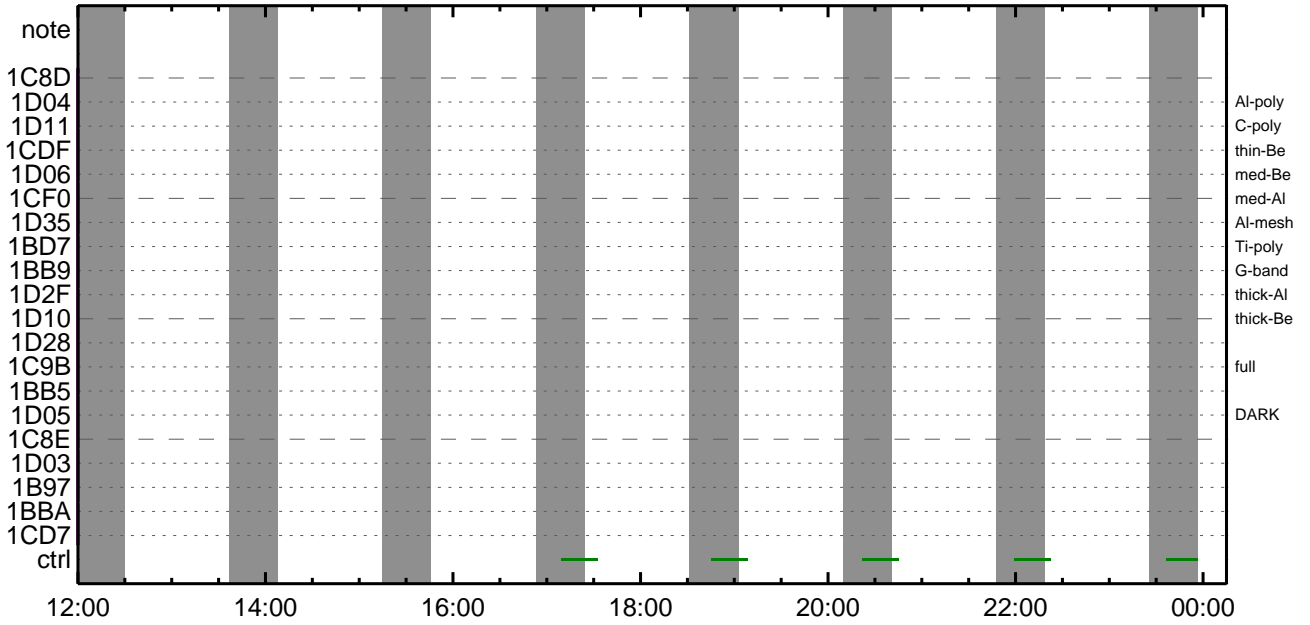
### CMDI #0377 2026/06/19



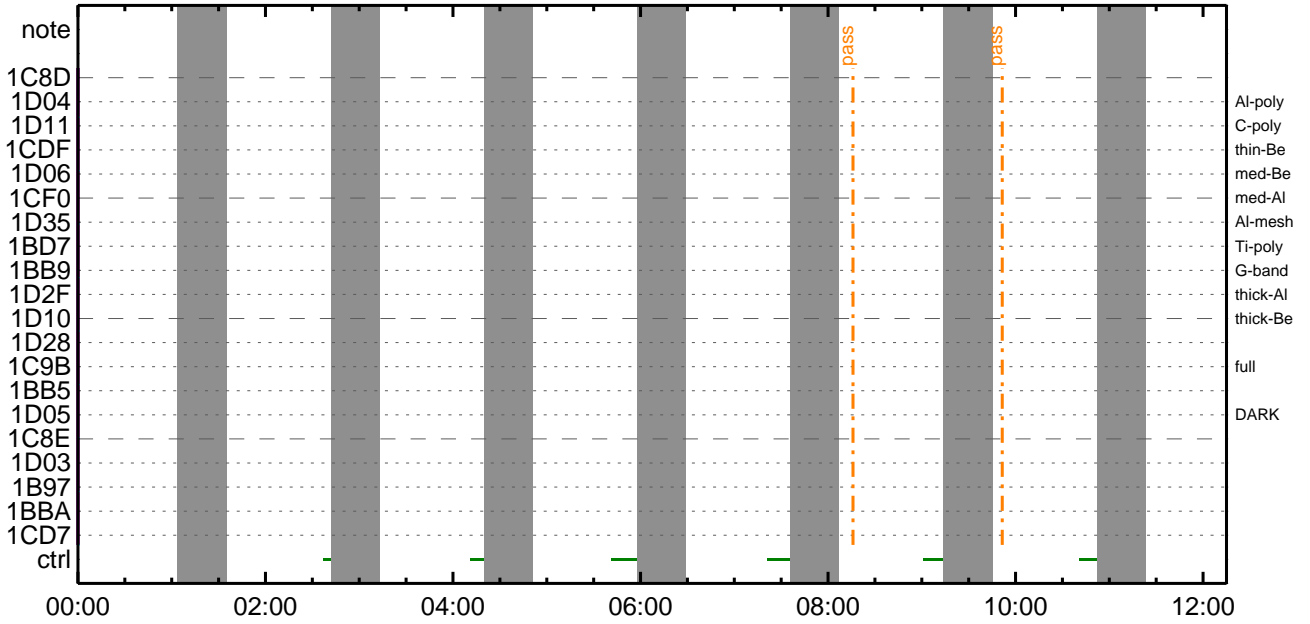
### CMDI #0377 2026/06/20



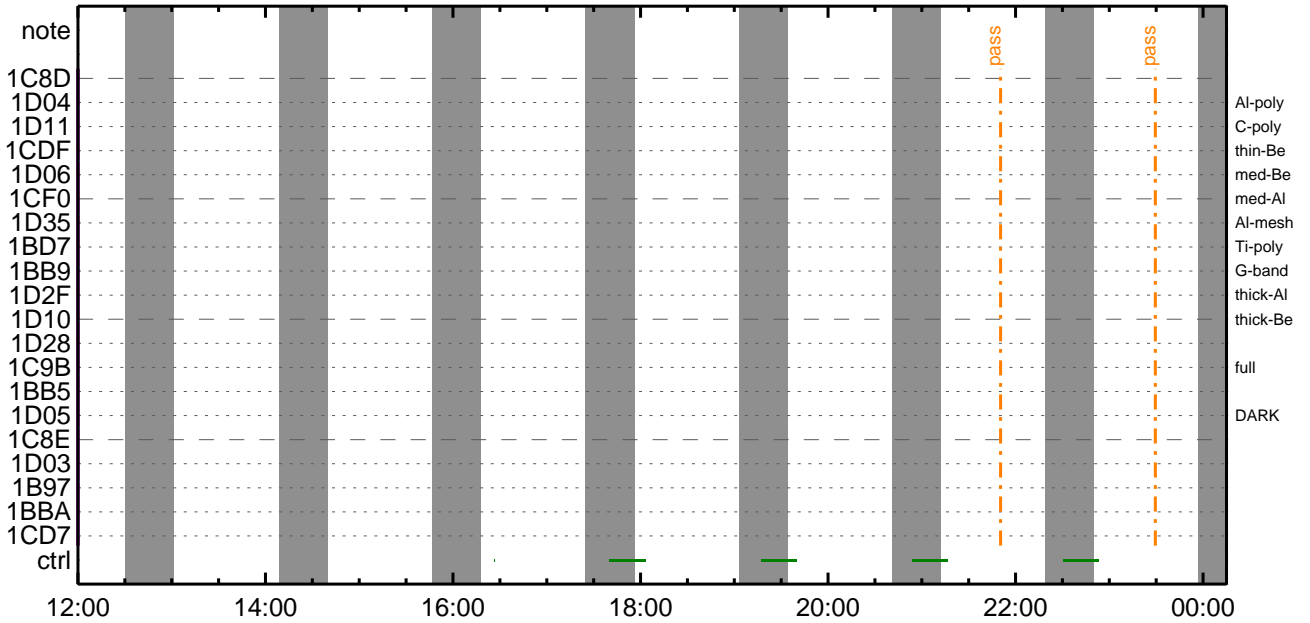
CMDI #0377 2026/06/20



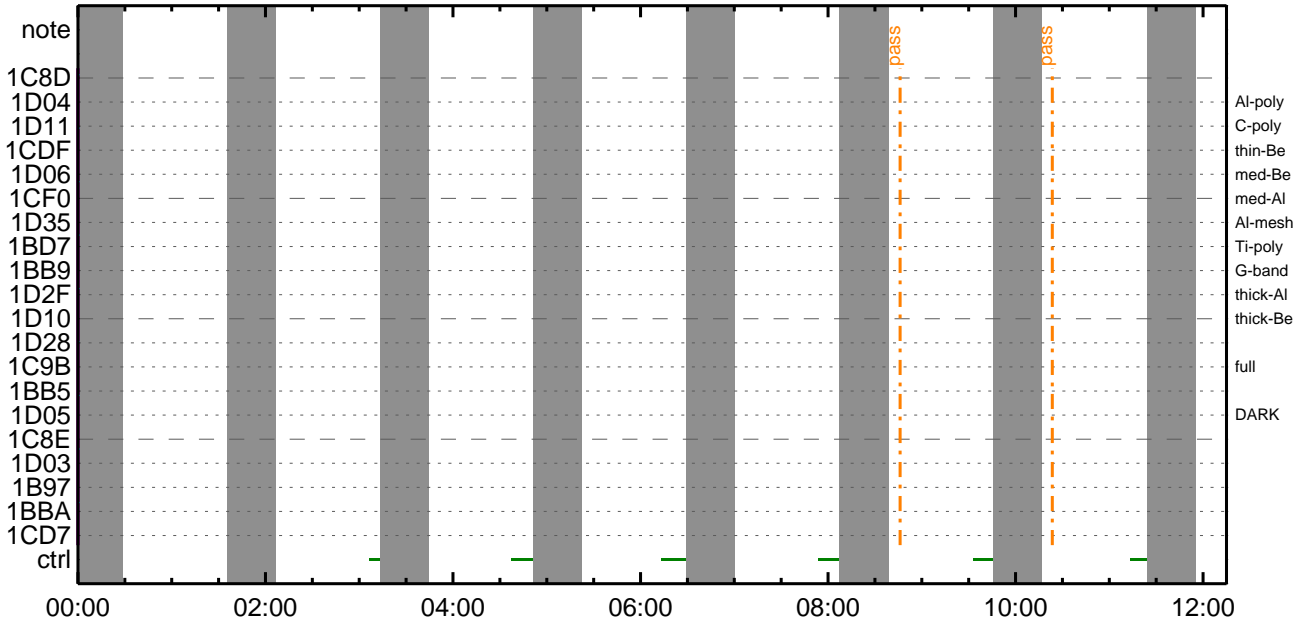
CMDI #0377 2026/06/21



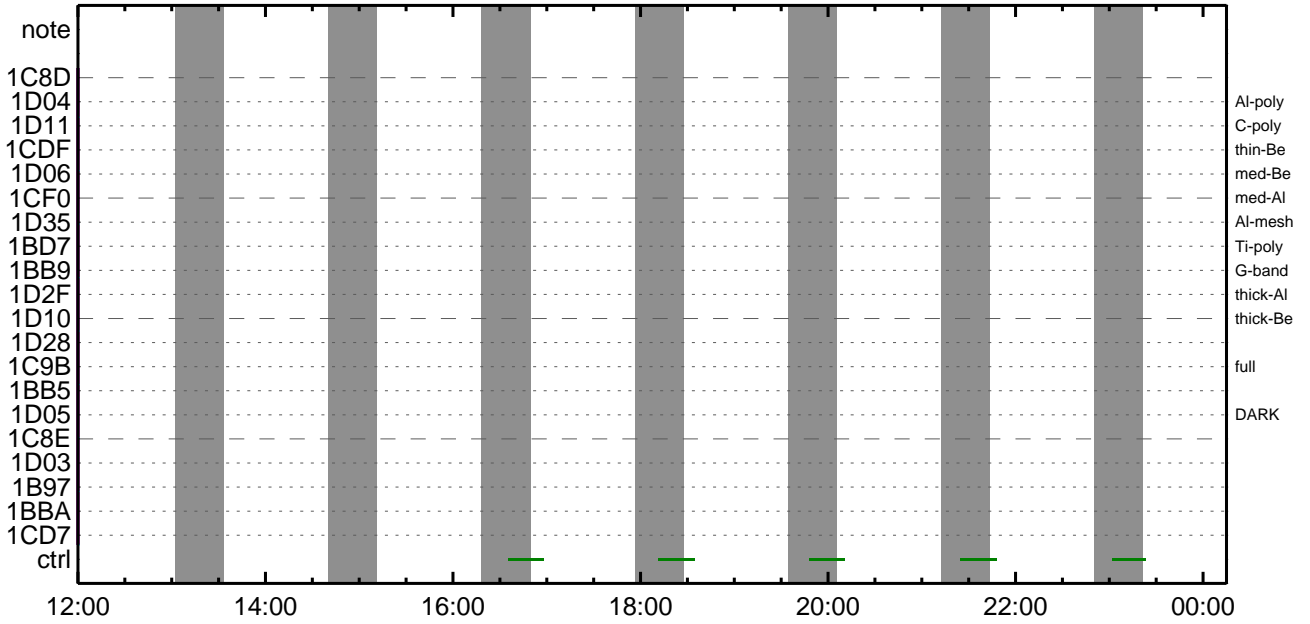
CMDI #0377 2026/06/21



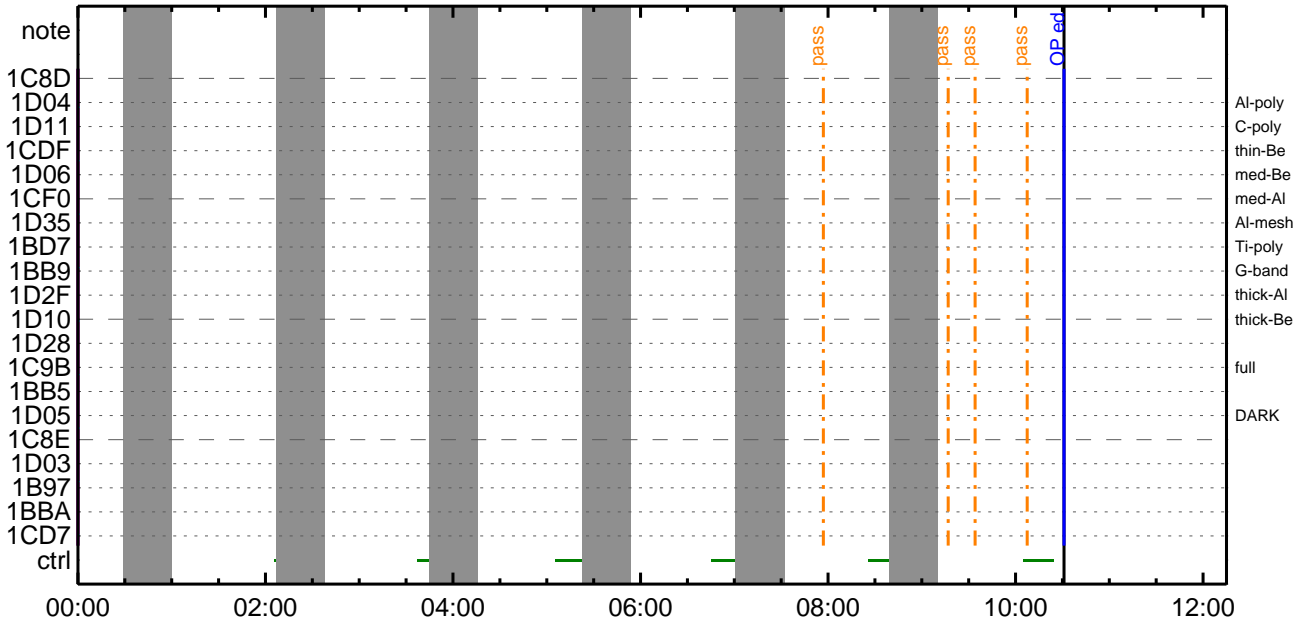
CMDI #0377 2026/06/22



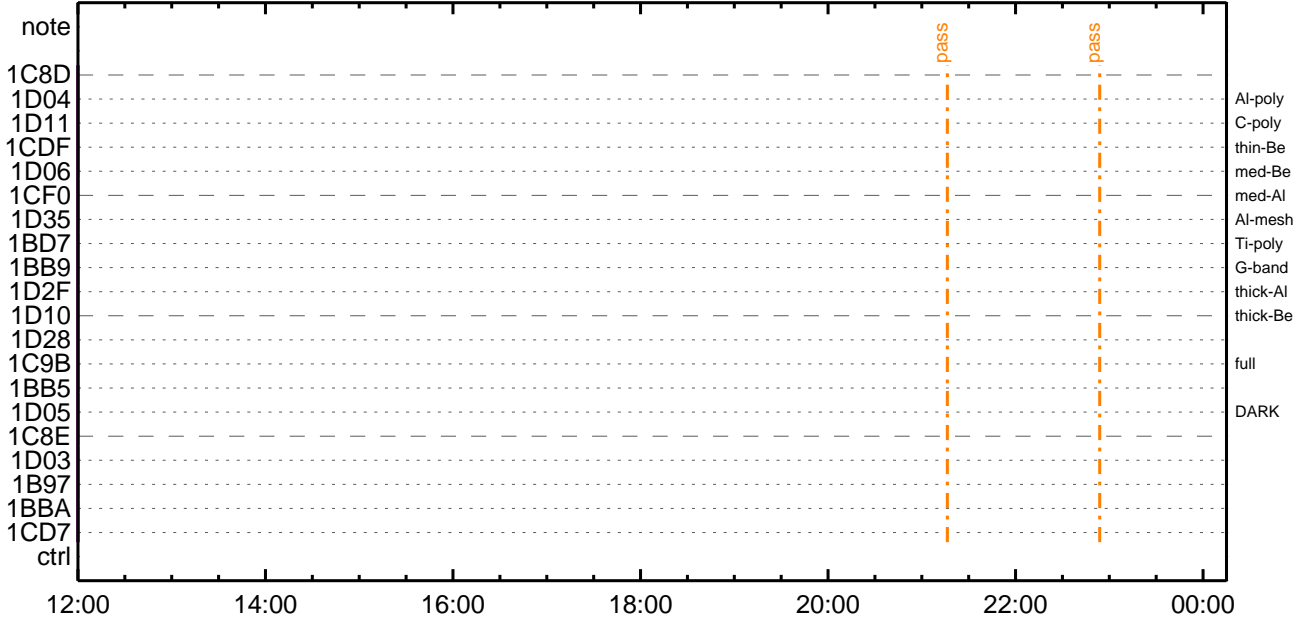
CMDI #0377 2026/06/22



CMDI #0377 2026/06/23



CMDI #0377 2026/06/23







```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥Ð¥¹•Ï Daily±;ÍÑ±Ë'Ø±¹±èDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-044 2026-06-13 11:35:19 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 STATUS] 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 41s
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 2026-06-13 11:12:50.0
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»ó¼ŸñÈÄDñ¹ñèDCBC•×²è *****
0072 C. (¾å°íŸÓŸÄŸÈŸDŸŸÈŸáŸçŸëñÈ¼¼ñ¼Ä»Ûñ¹ñè)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** ŸDŸ!•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.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-045 2026-06-13 11:35:19 216 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; ÇÀ®, 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. YÇYÓYÉYËÁÚÁØµÄÁ•Á°²óÈòµ¬¼áµ¾¼í¹ÇµÍ´°Í»µ¹µÈµDµÇÁÖµÄ; £
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
```

```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 +. DC 07-F0 MDP_XRT_CTRL_MANU
0104 BC (c1)
0105 + DC 07-F0 MDP_XRT_MODE_STBY
0106 BC (c3)
0107 . C. ----- Success Verify ? OK / NG ____
0108 C.
0109 C. XRT Obs. Table Upload
0110 . S. RAM ram-291:MDP_OBS_X
0111 ()
0112 C.
0113 +. DC 07-F0 MDP_DUMP_XRTTBL
0114 BC (84 07 00 00 00 3a d4)
0115 . C. ----- Comparison Check ? OK / ERR ____
0116 C.
0117 C.
0118 +. DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 01 b1 b1 04 04)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 02 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 03 b1 b1 08 08)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 04 b1 b1 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 05 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 06 85 83 06 06)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 07 80 80 20 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 08 80 80 20 08)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 09 80 80 08 20)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0a 85 83 08 08)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0f 80 80 06 06)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 10 80 80 08 08)
0142 + DC 07-F0 MDP_XRT_FLD_ENA
0143 BC (d8)
0144 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0145 BC (c8)
0146 + DC 07-F0 MDP_XRT_ARS_DIS
0147 BC (d5)
0148 + DC 07-F0 MDP_XRT_AEC_RESET
0149 BC (d0)
0150 + DC 07-F0 MDP_XRT_FLD_RESET
0151 BC (da)
0152 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0153 BC (c4 01)
0154 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0155 BC (c5 0e)
0156 . C. ----- Success Verify ? OK / NG ____
0157 C.
0158 C.
0159 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0160 C.
0161 +. DC 07-F0 MDP_XRT_MODE_OBSV
0162 BC (c2)
0163 +. TI 2026-06-13 11:12:02.0
0164 DC 07-F0 MDP_XRT_MODE_OBSV
0165 BC (c2)
0166 . C. ----- Success Verify ? OK / NG ____
0167 C.
0168 C. ***** XRT END *****
0169 . C. *****
0170 C. SOT table upload
0171 C. *****
0172 . C. < Stop SP table >
0173 +. DC 07-F0 MDP_SP_CTRL_MANU
0174 BC (61)
0175 C. -----
0176 C. MDP_SP_CTRL_MODE = MANU [ ]
0177 C. -----
0178 C.
0179 . C. <Upload SP Observation Table>
0180 . S. RAM ram-288:MDP_OBS_S
0181 ()
0182 C.
0183 . C. < Dump RAMID=MDP_OBS_S >
0184 +. DC 07-F0 MDP_DUMP_SPTBL
0185 BC (83 07 00 00 00 38 b8)
0186 C. -----
0187 C. MDP_OBS_S verify = OK/NG [ ]
0188 C. -----
0189 C.
0190 C. *****
0191 C. SOT TI command set
0192 C. *****
0193 C. Execute, after the success of TBL upload.

```

```
0194 +. TI 2026-06-13 11:12:18.0
0195 DC 07-F0 MDP_SOT_MODE_OBSV
0196 BC (40)
0197 . C. -----
0198 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0199 C. -----
0200 C.
0201 C.
0202 . C. ***** MDP 'úÃîñî»ô¼ýñëâðñ¹ñèDCBC•x²è *****
0203 C. (¾â°îÿÓÿÃÿËÿÐÿËÿâÿçÿèñË¼ññ¼Ã»Ûñ¹ñè)
0204 . S. DC-BC dcbc-402:DCBC
0205 (MDP_known_event)
0206 C.
0207 C.
0208 . C. ***** ÿÐÿ¹•ï Daily±çíññë´øñ¹ñèDCBC•x²è *****
0209 . S. DC-BC dcbc-153:DCBC
0210 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0211 C.
0212 C.
0213 . C. ;ãLOSÿÁÿ$ÿÃÿÿ¼Ã»Û;ä
0214 C.
0215 . C. ***** LOS *****
0216 C.
```

Jun 13, 26 11:35

## XRT\_OGLIST\_0377.chk

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

2026/06/13	11:22:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	11:22:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	11:22:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/06/13	11:23:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 e2 a8 b5 59				
2026/06/13	11:23:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/13	11:23:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/13	11:23:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/13	11:23:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/13	11:23:26.0	XRT_FLD_RESET_418_OG [0x1a2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/13	12:05:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/06/13	12:05:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/13	12:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/13	13:12:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	13:12:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/13	13:12:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/13	13:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/13	13:43:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/13	13:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/13	14:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	14:50:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/13	14:50:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/13	14:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/13	15:20:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	15:20:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	15:20:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/06/13	15:21:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 b0 00				
2026/06/13	15:21:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/13	15:21:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/13	15:21:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/13	15:21:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/13	15:21:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/13	15:23:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/06/13	15:23:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/13	15:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/13	16:28:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	16:28:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/13	16:28:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/13	16:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/13	17:07:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/13	17:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/13	17:50:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	17:50:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/13	17:50:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/13	17:51:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/13	17:51:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/13	17:51:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/13	17:51:22.0	XRT_ARS_DIS_420_OG [0x1a4]							

2026/06/13	17:53:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f
2026/06/13	17:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/13	18:00:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/13	18:00:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/13	18:00:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2026/06/13	18:01:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	02	06 97 01 81
2026/06/13	18:01:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2026/06/13	18:01:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2026/06/13	18:01:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2026/06/13	18:01:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/06/13	18:01:26.0	XRT_FLD_RESET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/13	18:03:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2026/06/13	18:03:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e
2026/06/13	18:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/13	18:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/13	18:06:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/13	18:06:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/13	18:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/13	18:44:00.0	XRT_Custom_430_OG [0x1ae]					
2026/06/13	18:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/13	19:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/13	19:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/13	19:44:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/13	19:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/13	20:20:30.0	XRT_Custom_430_OG [0x1ae]					
2026/06/13	20:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/13	21:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/13	21:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/13	21:22:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/13	21:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/13	21:57:30.0	XRT_Custom_430_OG [0x1ae]					
2026/06/13	21:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/13	23:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/13	23:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/13	23:00:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/13	23:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/13	23:33:00.0	XRT_Custom_430_OG [0x1ae]					
2026/06/13	23:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	00:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	00:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	00:38:34.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/14	00:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	01:09:30.0	XRT_Custom_430_OG [0x1ae]					
2026/06/14	01:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	02:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	02:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	02:14:04.0	XRT_PREFLR_STRT_410_OG [0x19a]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2026/06/14	02:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	02:48:00.0	XRT_Custom_430_OG [0x1ae]					

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2026/06/14	02:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/14	03:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	03:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	03:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/14	03:30:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/14	03:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/14	03:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/14	03:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/14	03:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/14	03:30:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/14	03:32:56.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2026/06/14	03:32:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/14	03:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/14	03:46:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	03:46:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/14	03:46:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/14	03:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/14	04:26:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/14	04:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/14	05:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	05:15:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/14	05:15:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/14	05:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/14	06:04:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/14	06:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/14	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	06:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/14	06:10:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/14	06:10:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/14	06:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/14	06:12:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2026/06/14	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/14	06:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	06:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	06:19:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/06/14	06:20:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02 06 97 01 81				
2026/06/14	06:20:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/14	06:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/14	06:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/14	06:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/14	06:20:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/14	06:22:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2026/06/14	06:22:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e				
2026/06/14	06:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/14	06:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/14	06:55:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/14	06:55:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							

2026/06/14	06:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2026/06/14	07:42:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	07:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	08:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	08:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	08:35:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	08:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	09:20:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	09:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	10:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	10:14:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	10:14:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	10:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	10:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	10:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	12:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	12:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	12:05:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	12:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	12:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	12:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	13:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	13:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	13:43:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	13:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	14:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	14:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	15:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	15:21:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	15:21:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	15:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	15:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	15:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	16:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	16:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	16:59:34.0	XRT_PREFLR_START_410_OG [0x19a]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	17:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2026/06/14	17:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	17:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2026/06/14	17:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da	
2026/06/14	17:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	17:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_PREFLR_START	1	07-F0	e8	
2026/06/14	17:55:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2026/06/14	17:55:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2026/06/14	17:55:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2026/06/14	17:55:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2026/06/14	17:57:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2026/06/14	17:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2026/06/14	18:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2026/06/14	18:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2026/06/14	18:04:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2026/06/14	18:05:00.0	AOCS_OrE-point_Start_4_OG [0x09a]				
			AOCU_NM	5	02-76	02 06 97 01 81
2026/06/14	18:05:18.0	XRT_FLD_ENA_411_OG [0x19b]				
			MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/14	18:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/14	18:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]				
			MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/14	18:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/14	18:05:26.0	XRT_FLD_RESET_401_OG [0x191]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/14	18:07:56.0	XRT_QT_PROG_SET_444_OG [0x1bc]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2026/06/14	18:07:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]				
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/14	18:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/14	18:38:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/14	18:38:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/14	18:38:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/14	18:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/14	19:15:00.0	XRT_Custom_430_OG [0x1ae]				
2026/06/14	19:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/14	20:16:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/14	20:16:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/14	20:16:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/14	20:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/14	20:51:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/14	20:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/14	21:54:00.5	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/14	21:54:02.5	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/14	21:54:04.5	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/14	21:57:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/14	22:28:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/14	22:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/14	23:32:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/14	23:32:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/14	23:32:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/14	23:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/15	00:03:00.0	XRT_Custom_430_OG [0x1ae]				
2026/06/15	00:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/15	01:10:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/15	01:10:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/15	01:10:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/15	01:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/15	01:41:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/15	01:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/15	02:43:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/15	02:43:02.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/15	02:43:04.0	XRT_PREFLR_STRT_410_OG [0x19a]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/15	02:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/15	03:19:30.0	XRT_Custom_430_OG [0x1ae]				
2026/06/15	03:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/15	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/15	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/15	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00

2026/06/15	04:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2026/06/15	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/15	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/15	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/15	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/15	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2026/06/15	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/06/15	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	04:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	04:17:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	04:17:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	04:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	04:57:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	04:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	05:21:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	05:21:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	05:21:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/06/15	05:21:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/15	05:21:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/15	05:21:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/15	05:24:28.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2026/06/15	05:24:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	05:31:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	05:31:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	05:31:28.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2026/06/15	05:31:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02	06	97	01	81
2026/06/15	05:31:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/15	05:31:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/15	05:31:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/15	05:31:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/15	05:31:56.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	05:34:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2026/06/15	05:34:28.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/06/15	05:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	05:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	05:47:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	05:47:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	05:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	06:35:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	06:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	07:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	07:27:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	07:27:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	07:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	08:13:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	08:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	09:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2026/06/15	09:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	09:07:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	09:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	09:52:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	09:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	10:47:30.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	10:47:32.5	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	10:47:34.5	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	10:50:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	11:30:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	11:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	12:37:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	12:37:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	12:37:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	12:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	13:08:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	13:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	14:15:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	14:15:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	14:15:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	14:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	14:46:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	14:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	15:53:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	15:53:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	15:53:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	15:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	16:33:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/15	16:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	17:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	17:31:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/15	17:31:34.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/15	17:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/15	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	18:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2026/06/15	18:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2026/06/15	18:10:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/15	18:10:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/15	18:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/15	18:12:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2026/06/15	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/15	18:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	18:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/15	18:19:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2026/06/15	18:20:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02 06 97 01 81				
2026/06/15	18:20:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/15	18:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/15	18:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				

2026/06/15	18:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/15	18:20:26.0	XRT_FLD_RESET_401_OG [0x191]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/15	18:22:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2026/06/15	18:22:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0e
2026/06/15	18:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/15	19:09:30.5	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/15	19:09:32.5	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/15	19:09:34.5	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/15	19:12:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/15	19:46:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/15	19:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/15	20:47:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/15	20:47:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/15	20:47:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/15	20:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/15	21:23:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/15	21:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/15	22:25:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/15	22:25:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/15	22:25:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/15	22:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/15	22:59:30.0	XRT_Custom_430_OG [0x1ae]			
2026/06/15	23:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/16	00:03:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/16	00:03:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/16	00:03:34.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/16	00:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/16	00:35:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/16	00:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/16	01:42:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/16	01:42:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/16	01:42:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/16	01:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/16	02:13:00.0	XRT_Custom_430_OG [0x1ae]			
2026/06/16	02:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2026/06/16	03:13:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/16	03:13:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/16	03:13:04.0	XRT_PREFLR_STRT_410_OG [0x19a]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2026/06/16	03:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2026/06/16	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/16	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2026/06/16	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2026/06/16	04:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2026/06/16	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2026/06/16	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2026/06/16	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2026/06/16	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2026/06/16	04:00:26.0	XRT_FLD_RESET_401_OG [0x191]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2026/06/16	04:02:56.0	XRT_QT_PROG_SET_405_OG [0x195]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08

2026/06/16	04:02:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/06/16	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/16	04:42:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	04:42:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/16	04:42:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/16	04:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/16	05:29:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/16	05:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/16	05:52:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	05:52:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	05:52:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2026/06/16	05:53:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2026/06/16	05:53:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2026/06/16	05:53:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/16	05:55:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2026/06/16	05:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/16	06:02:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	06:02:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	06:02:58.0	XRT_FOCUS_POSITION_414_OG [0x19e]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2026/06/16	06:03:00.0	AOCS_Or-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02	06	97	01	81
2026/06/16	06:03:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2026/06/16	06:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2026/06/16	06:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2026/06/16	06:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2026/06/16	06:03:26.0	XRT_FLD_RESET_401_OG [0x191]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/16	06:05:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2026/06/16	06:05:58.0	XRT_FL_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0e			
2026/06/16	06:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/16	06:20:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	06:20:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/16	06:20:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/16	06:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/16	07:07:00.0	XRT_Custom_430_OG [0x1ae]							
2026/06/16	07:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/16	08:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	08:00:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2026/06/16	08:00:04.0	XRT_PREFLR_STRT_410_OG [0x19a]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2026/06/16	08:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2026/06/16	08:45:30.0	XRT_Custom_430_OG [0x1ae]							
2026/06/16	08:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2026/06/16	12:23:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2026/06/16	12:24:00.0	AOCS_Or-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00