XRT Timeline to be uploaded on 2026/02/21

Period: 2026/02/21 11:24:00 - 2026/02/26 10:47:00

* * * * * **Normal mode** * * * * *

XOB #1C36: QS (Al/poly 4096ms, Thin-Be 16384ms), 512FOV at 1064, 1048 with G-band (1ms/1ms leak) 30s cad - AEC0 - HOP369

Term	Pointing (x, y)	Comment
02/21 11:37:00 - 02/21 13:59:54	Fixed (850.0, -400.0)	# OP start + 10min + HOP 522

PROG= 12 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 92 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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 1-time(s) 2.0sec

Seqn= 40 90-time(s) 30.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec

XOB #1BA9: 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
02/21 14:03:00 - 02/21 17:58:30	Track (-393.5, -27.8) @ 02/21 14:00:00	AR obs.
02/21 18:35:00 - 02/22 03:59:54	Track (-353.9, -25.8) @ 02/21 18:32:00	AR obs.

PROG= 09 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 92 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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 8-time(s) 30.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

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(256/5

Term	Pointing (x, y)	Comment
02/21 18:25:00 - 02/21 18:31:54	Fixed (0.0, 0.0)	synoptic, shifted 22.0 min
02/22 06:07:00 - 02/22 06:13:51	Fixed (0.0, 0.0)	synoptic, shifted 4.0 min (HOP448)

PROG= 11 1-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 5 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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 #1C47: 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
02/22 04:03:00 - 02/22 06:03:54	Fixed (0.0, 0.0)	HOP 349

PROG= 15 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 15-time(s) 180.0sec												
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

* * * * * **Flare mode** * * * * *

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
02/21 11:37:00 - 02/21 13:59:54	Fixed (850.0, -400.0)	# OP start + 10min + HOP 522
02/21 14:03:00 - 02/21 17:58:30	Track (-393.5, -27.8) @ 02/21 14:00:00	AR obs.
02/21 18:35:00 - 02/22 03:59:54	Track (-353.9, -25.8) @ 02/21 18:32:00	AR obs.
02/22 04:03:00 - 02/22 06:03:54	Fixed (0.0, 0.0)	HOP 349

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** * * * * *

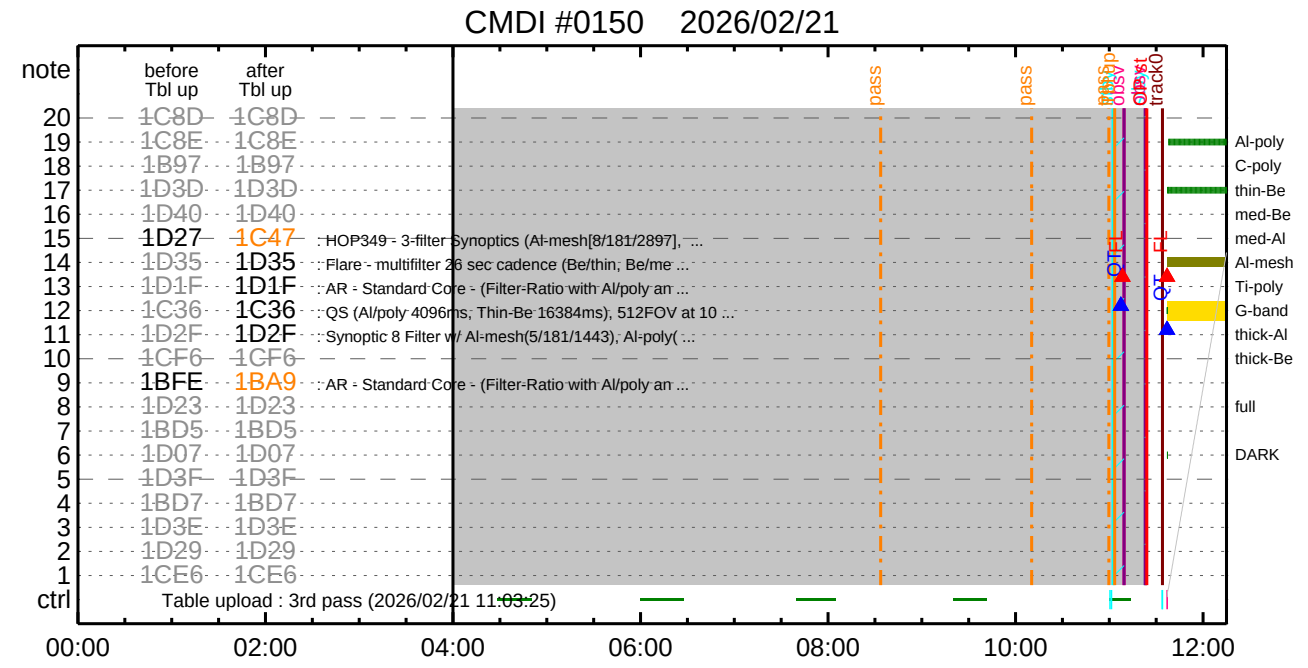
NOT USED

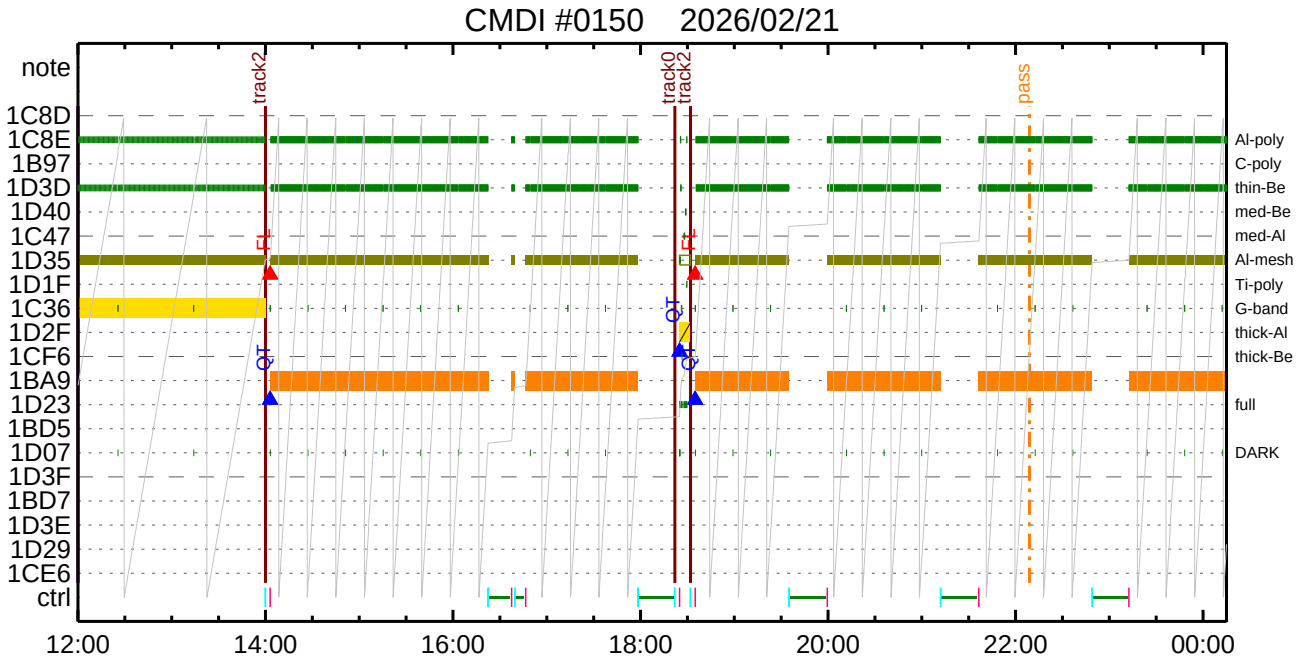
* * * * * **Flare Detection** * * * * *

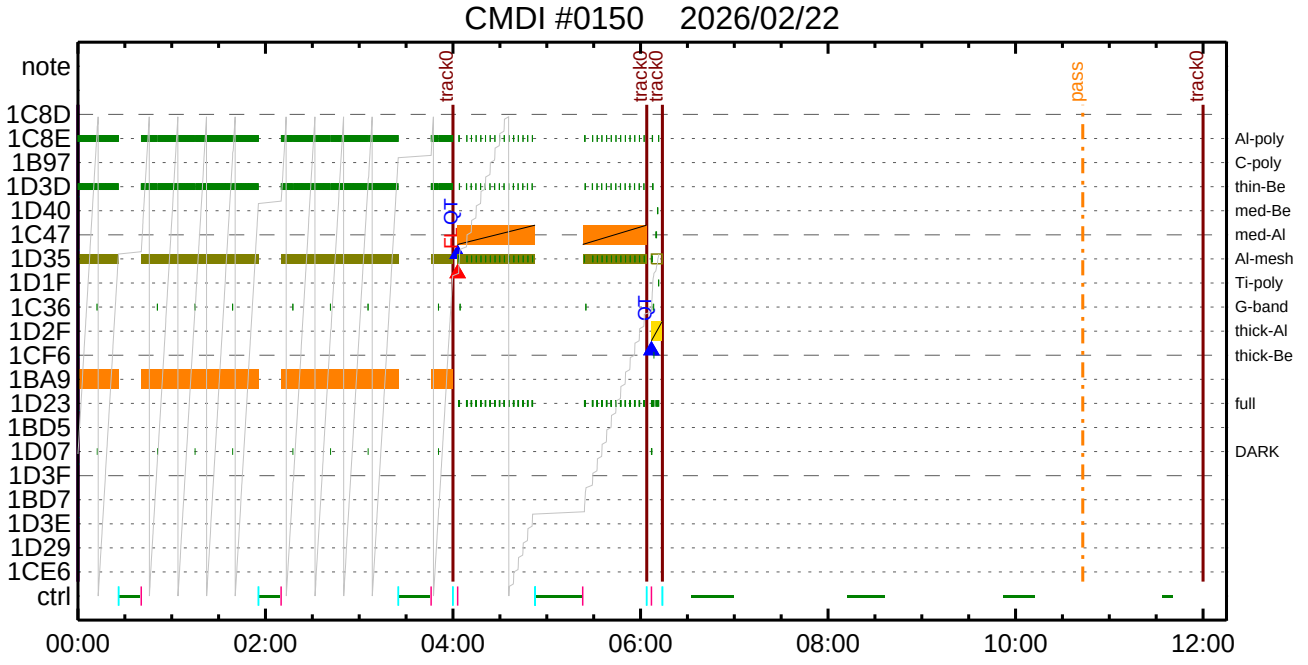
FLD Patrol

Term	Pointing (x, y)	Comment
02/21 11:04:25 - 02/21 18:22:18	cannot be identified	
02/21 18:32:18 - 02/22 06:04:18	Track (-353.9, -25.8) @ 02/21 18:32:00	AR obs.

Al-poly/Open	Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8		Q=50		30sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval


CMDI #0150 2026/02/21
note
before Tbl up
after Tbl up
20 1C8D 1C8D
19 1C8E 1C8E
18 1B97 1B97
17 1D3D 1D3D
16 1D40 1D40
15 1D27 1C47 : HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], ...
14 1D35 1D35 : Flare - multifilter 26 sec cadence (Be/thin, Be/me ...
13 1D1F 1D1F : AR - Standard Core - (Filter-Ratio with Al/poly an ...
12 1C36 1C36 : QS (Al/poly 4096ms, Thin-Be 16384ms), 512FOV at 10 ...
11 1D2F 1D2F : Synoptic 8 Filter w/ Al-mesh(5/181/1443), Al-poly(...
10 1CF6 1CF6
9 1BFE 1BA9 : AR - Standard Core - (Filter-Ratio with Al/poly an ...
8 1D23 1D23
7 1BD5 1BD5
6 1D07 1D07
5 1D3F 1D3F
4 1BD7 1BD7
3 1D3E 1D3E
2 1D29 1D29
1 1CE6 1CE6
ctrl
Table upload : 3rd pass (2026/02/21 11:03:25)
pass
pass
track0
QT
FL
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0150 2026/02/21
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
track2
track0
track2
pass
QT
FL
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0150 2026/02/22
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
track0
track0
track0
pass
track0
QT
FL
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
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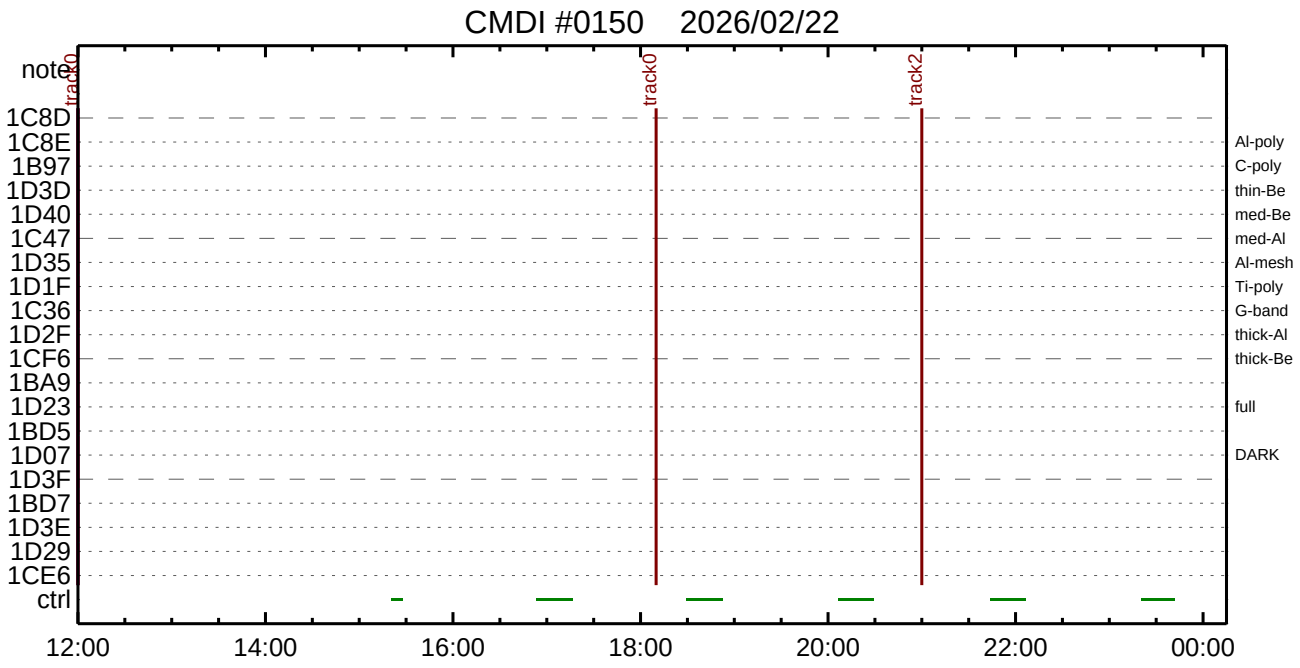
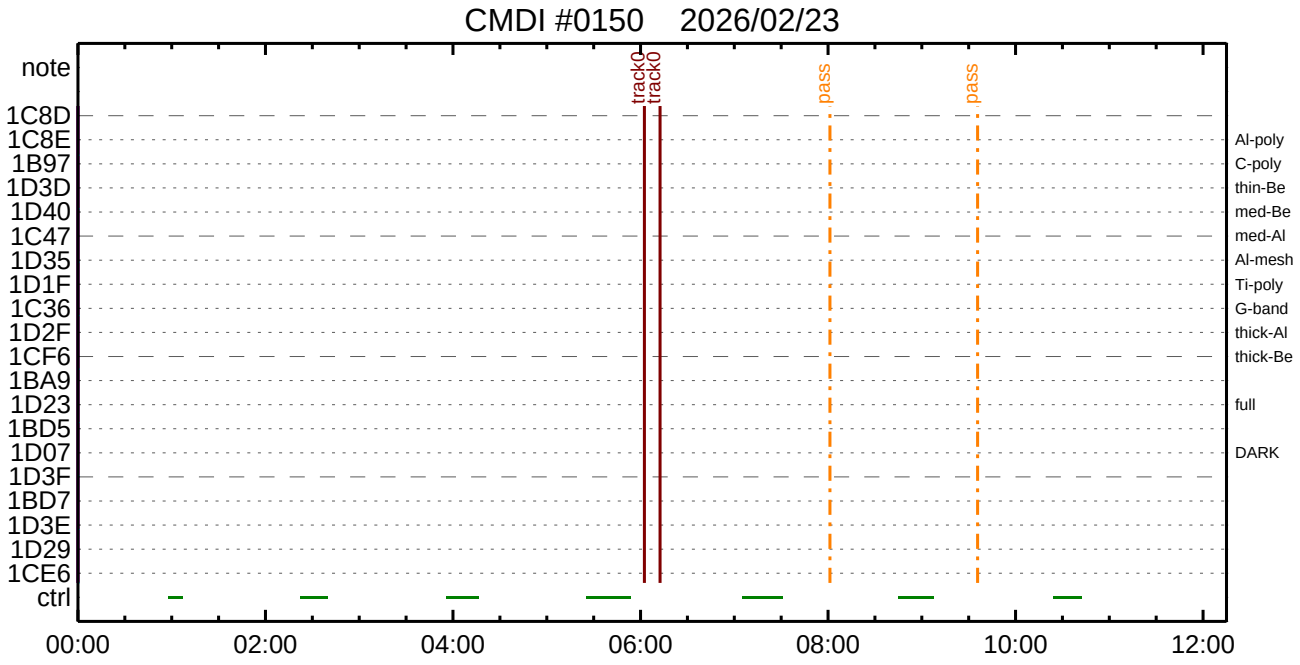
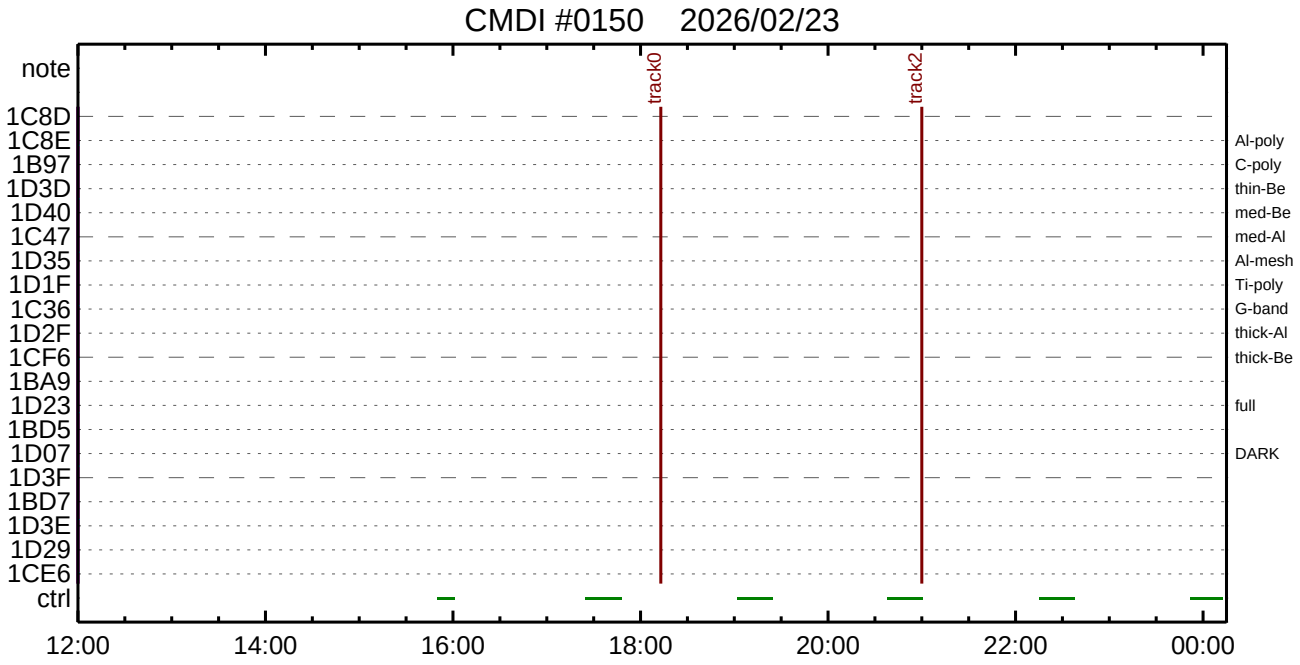
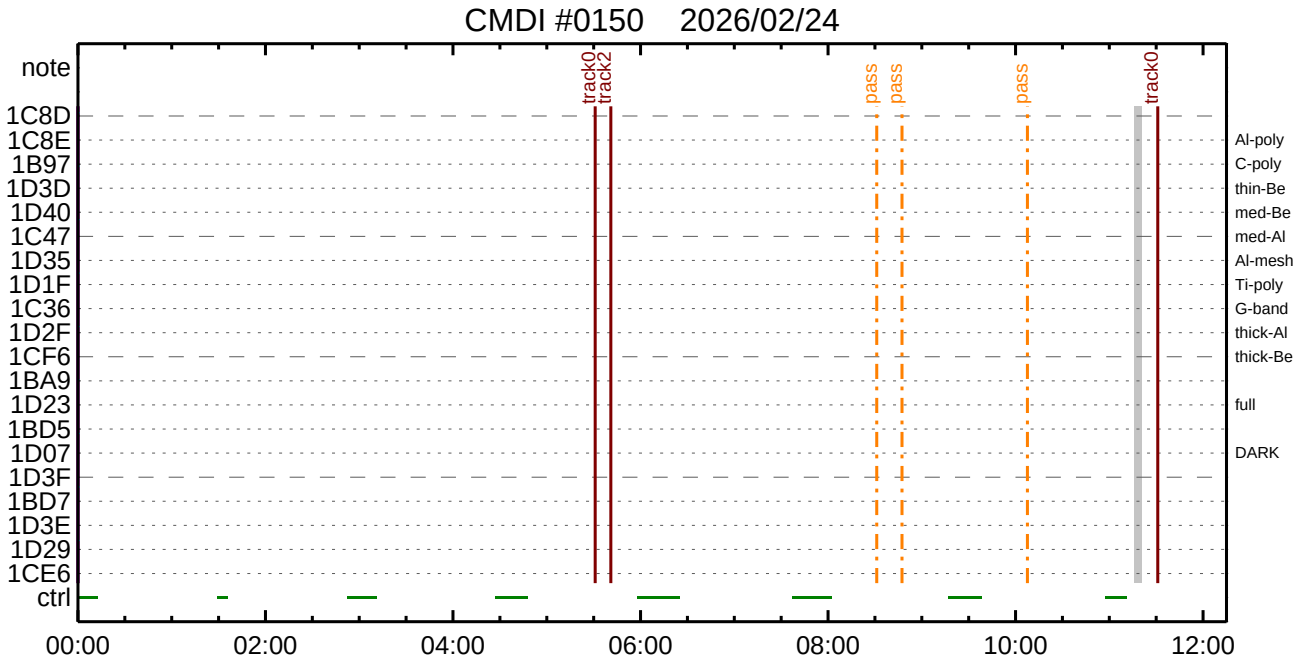
10:00
12:00


CMDI #0150 2026/02/22
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
track0
track0
track2
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0150 2026/02/23
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
track0
track0
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0150 2026/02/23
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
track0
track2
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00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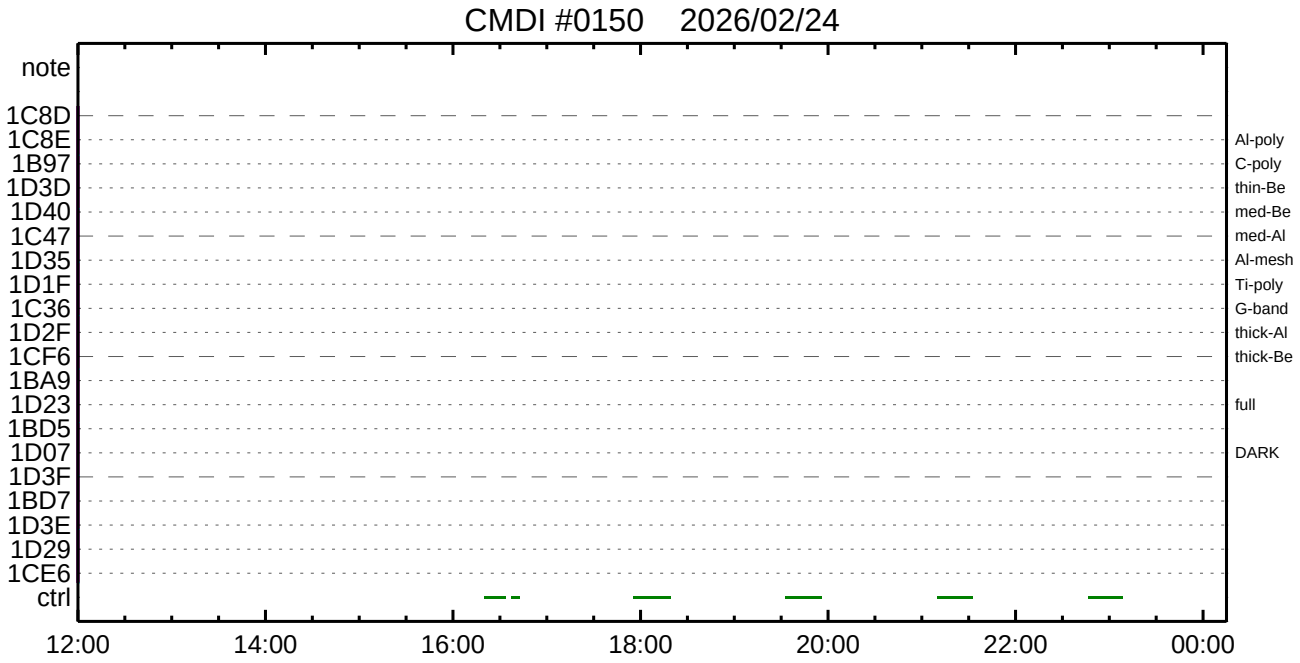
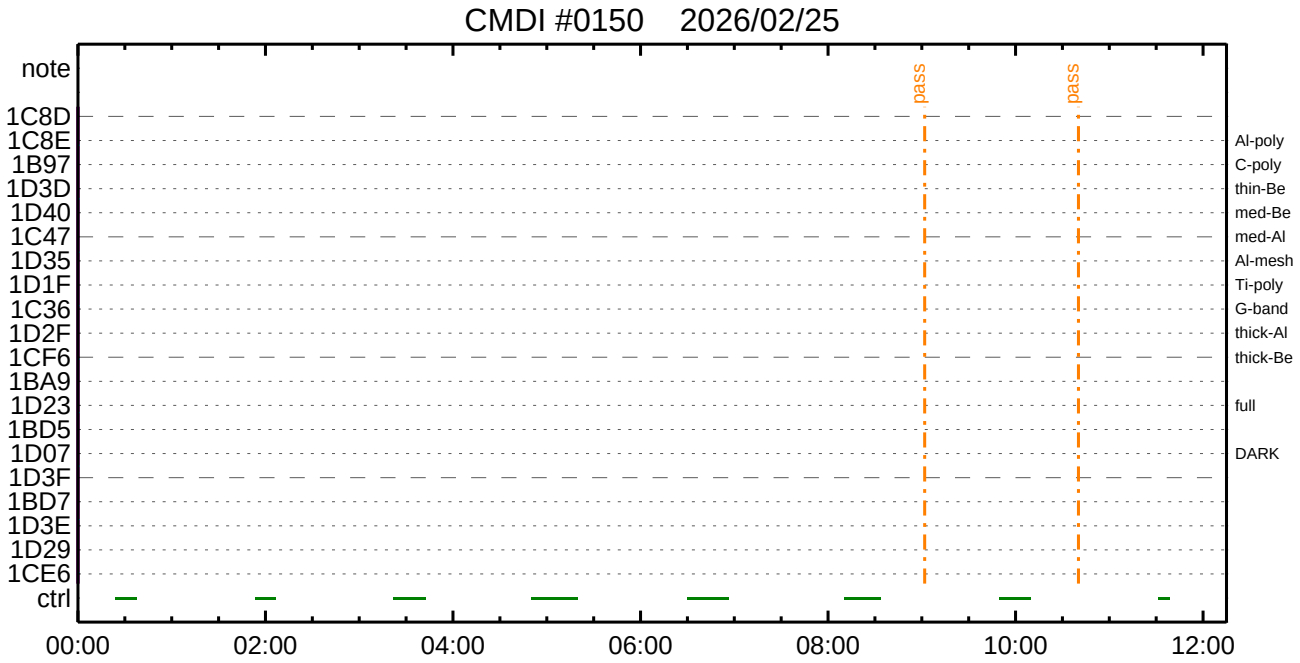
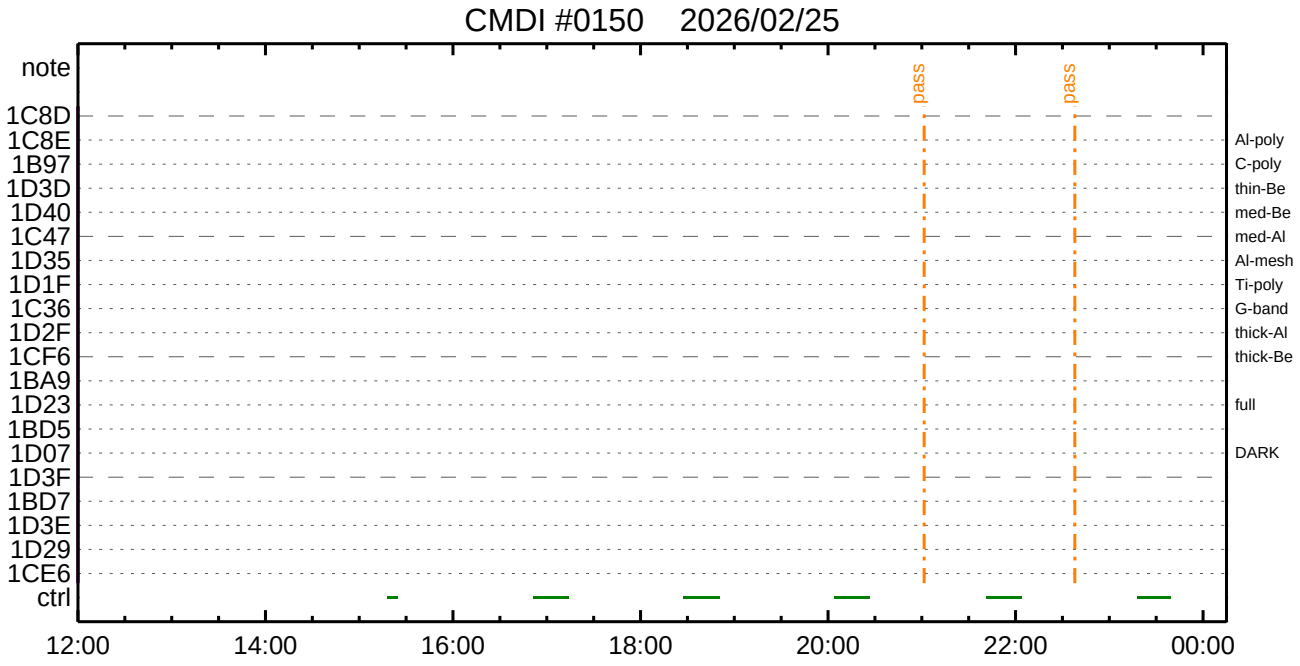
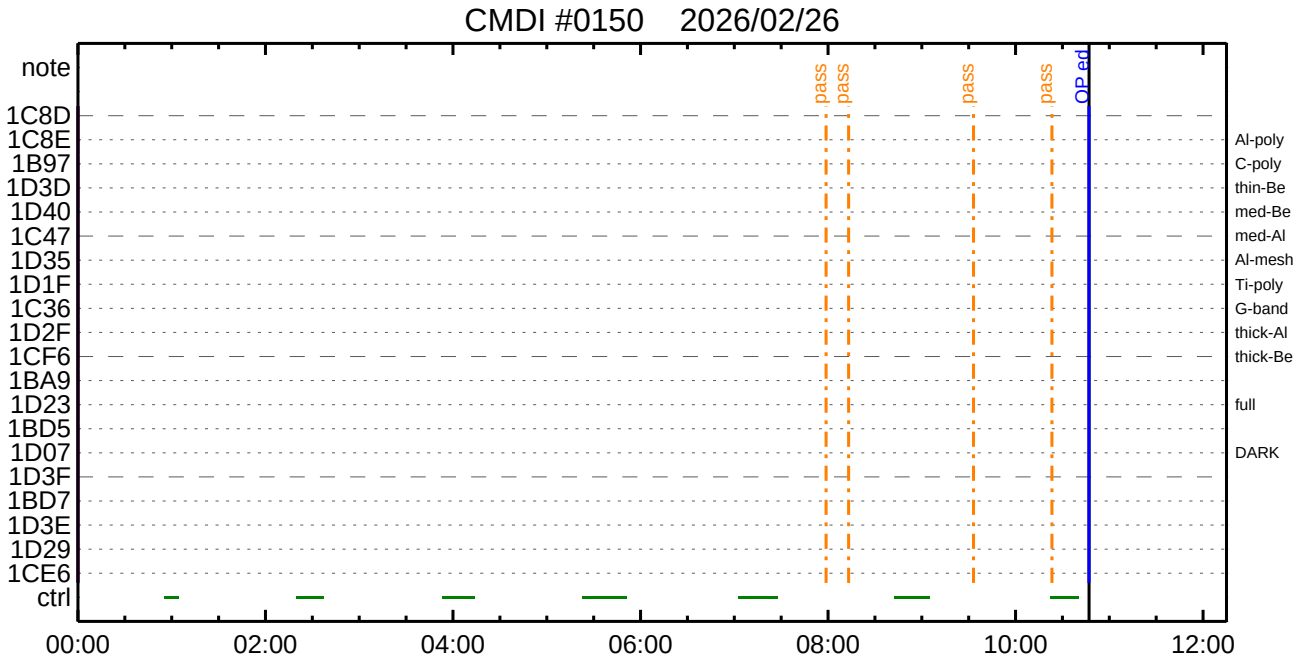
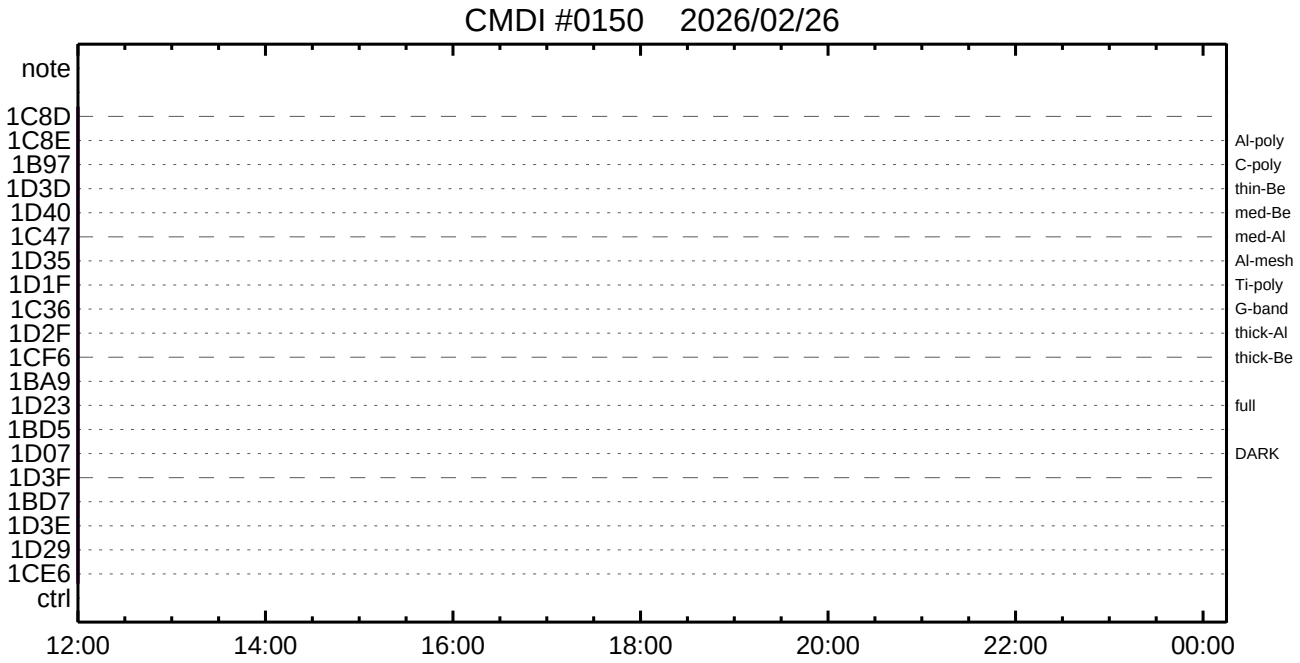
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
track0
track2
pass
pass
pass
track0
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0150 2026/02/24
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0150 2026/02/25
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0150 2026/02/25
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00


CMDI #0150 2026/02/26
note
1C8D
1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
pass
pass
pass
pass
OP end
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0150 2026/02/26
note
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1C8E
1B97
1D3D
1D40
1C47
1D35
1D1F
1C36
1D2F
1CF6
1BA9
1D23
1BD5
1D07
1D3F
1BD7
1D3E
1D29
1CE6
ctrl
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00

```
(a) Spacecraft Operation Procedure (real-commands)

main-814 2026-02-21 13:24:26 278 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007   +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011   +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014   . C. ****************************
0015     C. XÁ÷¿®µ¡ON
0016     C. ****************************
0017     C. ¢¨ °ÆÀ¸Í×È¥¤äLOS¤Þ¤Ç¤Î»Þ´Ö¤ò¹ÍÎ¸¤•¡¢ÉÔÍ×¤ÊXÂÓON¤Ï¹Ô¤Ê¤ï¤Ê¤¤¤³¤È¡£
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.                      ¢¢[HK1_XPA_ON/OFF]              EQ     ON
0025     C.                      ¢¢[HK1_XPA_PWR_HI/LO]           EQ     HI
0026     C.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     ON
0027     C.                      ¢¢[HK1_XMOD_QPSK/PM]            EQ     QPSK
0028     C.
0029   . C. X¥Ð¥ó¥É¥í¥Ã¥¯¾õÂÖ¤¬°ÂÄê•¤¿¤é¡¢°Ê²¼¤Î°ÆÀ¸¼ê½ç¤ò¼Â¹Ô¤¹¤ë¡£
0030     C.
0031   . C. ***************
0032     C. DR PT1 ÄÌ¾ï°ÆÀ¸
0033     C. ***************
0034     C. ¢¨ RESTART¡ÊPT1¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-150¤Ø¿Ê¤à¡£
0035     C.
0036   . C. ¡ãPT1°ÆÀ¸³«»Ï¡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.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0043     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0044     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0045     C.
0046   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0047   +. DC 06-B3 DR_REP_START
0048   +  DC 01-32 DHU_X_VC4_ON
0049     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0050     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0051     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0052     C.
0053     C.
0054   . C. PT1°ÆÀ¸¤¬¼«°Ää»ß¤•¤¿¸å¡¢¢°Ê²¼¤ò¼Â¹Ô¤¹¤ë¡£
0055     C. ¥¢¥ó¥Æ¥ÊÀÚÂØ¤äÅ•Ä°²óÈò¤¬¶á¤¤¾ì¹ç¤Ï´°Î»¤¹¤ë¤Þ¤ÇÂÔ¤Ä¡£
0056     C.
0057   . C. ***************
0058     C. DR PT2 ÄÌ¾ï°ÆÀ¸
0059     C. ***************
0060     C. ¢¨ RESTART¡ÊPT2¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-151¤Ø¿Ê¤à¡£
0061     C.
0062   . C. ¡ãPT2°ÆÀ¸³«»Ï¡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.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0069     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0070     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0071     C.
0072   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0073   +. DC 06-B3 DR_REP_START
0074   +  DC 01-32 DHU_X_VC4_ON
0075     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0076     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0077     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0078     C.
0079   . C. ****************************
0080     C. DR°ÆÀ¸Ää»ß¡¢XÁ÷¿®µ¡OFF
0081     C. ****************************
0082     C.
0083   . C. ¡ãDR°ÆÀ¸Ää»ß¡ä
0084   +. DC 06-B4 DR_REP_STOP
0085   +  DC 01-29 DHU_S/X_VC4_OFF
0086     C.                      ¢¢[HK1_REP_STA/STP]             EQ     STOP
0087     C.                      ¢¢[HK1_S_VC4_ON/OFF]            EQ     OFF
0088     C.                      ¢¢[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.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     OFF
0095     C.                      ¢¢[HK1_XPA_ON/OFF]              EQ     OFF
```

```
0096     C.
0097     C.
0098   . C. ****************************
0099     C. OP/OG¥í¡¼¥É¡¦¥À¥ó¥×
0100     C. ****************************
0101     C.
0102   . C. ¡ãOP/OG¥í¡¼¥É¡ä
0103   . S. OP     op-814:OP
0104     ()
0105   . S. OG     og-814:OG
0106     ()
0107     C.
0108   . C. ¡ãNMOG&OPÎÎ°è¥À¥ó¥×¡ä
0109     C. NMOG(0x200000-0x207FFF¡§ 32 kbyte)
0110   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111     BC       (20 00 7f 01 02)
0112     C.                       ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     40
0113     C.                       ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0114     C.                       ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0115     C.                       ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0116     C.                       ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0117   +. DC 01-22 DHU_MODE_CHNG
0118     BC       (07 0b f8)
0119     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     7
0120     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0121     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0122     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0123     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0124   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0125     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0126   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0127     C.
0128     C. NMOG(0x208000-0x20FFFF¡§ 32 kbyte)
0129   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130     BC       (20 80 7f 01 02)
0131     C.                       ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     41
0132     C.                       ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0133     C.                       ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0134     C.                       ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0135     C.                       ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0136   +. DC 01-22 DHU_MODE_CHNG
0137     BC       (07 0b f8)
0138     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     7
0139     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0140     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0141     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0142     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0143   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0144     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0145   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0146     C.
0147     C. NMOG(0x210000-0x2100FF¡§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149     BC       (21 00 41 01 02)
0150     C.                       ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     42
0151     C.                       ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0152     C.                       ¢¢[HK1_DMP_BLOCK_NUM]           EQ     65
0153     C.                       ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0154     C.                       ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0155   +. DC 01-22 DHU_MODE_CHNG
0156     BC       (07 0b f8)
0157     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     7
0158     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0159     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0160     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0161     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0162   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0163     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0164   . C. RAM ID=NMOG,RAM ID=OP¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0165     C.
0166   . C. ***** °Ê²¼¤Ï¾Ã´¶Á°¤ËÉ¬¤ºÁ÷¿® (¾åµ-¥À¥ó¥×¼ê½ç¤òÅÓÃæ¤Ç½ª¤¨¤ë¾ì¹ç¤Ç¤â) *****
0167     C. DHU¥â¡¼¥É¡Ê¼ý¸¸¥ì¡¼¥È¡Ë¤òÌá¤¹
0168   +. DC 01-22 DHU_MODE_CHNG
0169     BC       (02 0a f8)
0170     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     2
0171     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.5S
0172     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32K
0173     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0174     C.
0175   . C. ********************************
0176     C. TI-CMD SET (OPOG STOP/COPY/START)
0177     C. ********************************
0178     C.
0179   . C. NOTICE ¡§ OPOG UPLOAD¤¬Á÷¿®NG¤Î¾ì¹ç¡¢°Ê²¼¤ÎTI-CMDÁ÷¿®¤Ï¼Â¹Ô¤•¤Ê¤¤¤³¤È¡£
0180     C.           ¤Þ¤¿¡¢SET¤ÈDUMP¤ÏÆ±°ì¥Ñ¥¿¼Ç¹Ô¤¦¤³¤È¡£
0181     C.
0182   . C. TI¥³¥Þ¥ó¥É¤òÅÐÏ¿(UT)
0183   +. TI 2026-02-21 11:19:00.0
0184     DC 01-B3 DHU_OP_STOP
0185     C.                       ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0186     C.
0187   +. TI 2026-02-21 11:19:01.0
0188     DC 01-B4 DHU_OP_COPY
0189     C.                       ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0190     C.
0191   +. TI 2026-02-21 11:19:01.0
0192     DC 01-B5 DHU_OPOG_COPY
0193     C.                       ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
```

```
0194     C.
0195   +. TI 2026-02-21 11:23:59.5
0196     DC 01-B2 DHU_OP_START
0197     C.                        ¢¢[HK1_TI_CMD_NUM]               EQ     1COUNTUP
0198     C.
0199     C. °Ê²¼¤ÏÄê¾ïÍÑ¤Î¥Á¥§¥Ã¥¯¹àÌÜ
0200     C.                        ¢¢[HK1_TI_CMD_ENA/DIS]           EQ     ENA
0201     C.                        ¢¢[HK1_TI_CMD_NUM]               EQ     4
0202     C.                        ¢¢[HK1_NEXT_EXEC_PIM]            EQ     DHU
0203     C.                        ¢¢[HK1_NEXT_EXEC_DC]             EQ     0xB3
0204     C.
0205    . C. ****************************
0206     C. TIÎÎ°è¥À¥ó¥×
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. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0226     C.                        ¢¢[HK1_DMP_CHK_FLG]              EQ     NON
0227     C.
0228    . C. RAM ID=TI_TBL¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0229     C.
0230    . C. DHU¥â¡¼¥É¡Ê¼ý½¸¥ì¡¼¥È¡Ë¤òÌá¤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 2026-02-21 11:23:30.0
0245     DC 07-FC EIS_MODE_MANU
0246     BC       (21 02)
0247   +. TI 2026-02-21 11:23:40.0
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 2026-02-21 11:23:00.0
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 ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0265     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0266    . S. DC-BC dcbc-402:DCBC
0267     (MDP_known_event)
0268     C.
0269     C.
0270    . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0271    . S. DC-BC dcbc-153:DCBC
0272     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273     C.
0274     C.
0275    . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0276     C.
0277    . C. *********** LOS ***********
0278     C.
```

```
(a) Spacecraft Operation Procedure (real-commands)

main-815 2026-02-21 13:24:26 169 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007   +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011   +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014   . C. ****************************
0015     C. XÁ÷¿®µ¡ON
0016     C. ****************************
0017     C. ¢¨ °ÆÀ¸Í×È¥¤äLOS¤Þ¤Ç¤Î»Þ´Ö¤ò¹ÍÎ¸¤•¡¢ÉÔÍ×¤ÊXÂÓON¤Ï¹Ô¤Ê¤ï¤Ê¤¤¤³¤È¡£
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.                      ¢¢[HK1_XPA_ON/OFF]              EQ     ON
0025     C.                      ¢¢[HK1_XPA_PWR_HI/LO]           EQ     HI
0026     C.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     ON
0027     C.                      ¢¢[HK1_XMOD_QPSK/PM]            EQ     QPSK
0028     C.
0029   . C. X¥Ð¥ó¥É¥í¥Ã¥¯¾õÂÖ¤¬°ÂÄê•¤¿¤é¡¢°Ê²¼¤Î°ÆÀ¸¼ê½ç¤ò¼Â¹Ô¤¹¤ë¡£
0030     C.
0031   . C. ***************
0032     C. DR PT1 ÄÌ¾ï°ÆÀ¸
0033     C. ***************
0034     C. ¢¨ RESTART¡ÊPT1¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-150¤Ø¿Ê¤à¡£
0035     C.
0036   . C. ¡ãPT1°ÆÀ¸³«»Ï¡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.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0043     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0044     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0045     C.
0046   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0047   +. DC 06-B3 DR_REP_START
0048   +  DC 01-32 DHU_X_VC4_ON
0049     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0050     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0051     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0052     C.
0053     C.
0054   . C. PT1°ÆÀ¸¤¬¼«°Ää»ß¤•¤¿¸å¡¢¢°Ê²¼¤ò¼Â¹Ô¤¹¤ë¡£
0055     C. ¥¢¥ó¥Æ¥ÊÀÚÂØ¤äÅ•Ä°²óÈò¤¬¶á¤¤¾ì¹ç¤Ï´°Î»¤¹¤ë¤Þ¤ÇÂÔ¤Ä¡£
0056     C.
0057   . C. ***************
0058     C. DR PT2 ÄÌ¾ï°ÆÀ¸
0059     C. ***************
0060     C. ¢¨ RESTART¡ÊPT2¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢¢°Ê²¼¤Ï¼Â¹Ô¤»¤°¡¢DCBC-151¤Ø¿Ê¤à¡£
0061     C.
0062   . C. ¡ãPT2°ÆÀ¸³«»Ï¡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.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0069     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0070     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0071     C.
0072   . C. ¡ã¥¢¥ó¥Æ¥ÊÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤Î°ÆÀ¸°Æ³«¡ä
0073   +. DC 06-B3 DR_REP_START
0074   +  DC 01-32 DHU_X_VC4_ON
0075     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0076     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0077     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0078     C.
0079   . C. ****************************
0080     C. DR°ÆÀ¸Ää»ß¡¢XÁ÷¿®µ¡OFF
0081     C. ****************************
0082     C.
0083   . C. ¡ãDR°ÆÀ¸Ää»ß¡ä
0084   +. DC 06-B4 DR_REP_STOP
0085   +  DC 01-29 DHU_S/X_VC4_OFF
0086     C.                      ¢¢[HK1_REP_STA/STP]             EQ     STOP
0087     C.                      ¢¢[HK1_S_VC4_ON/OFF]            EQ     OFF
0088     C.                      ¢¢[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.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     OFF
0095     C.                      ¢¢[HK1_XPA_ON/OFF]              EQ     OFF
```

```
0096     C.
0097     C.
0098   . C. ***** AOCS Commands (Tracking Curve Upload) ******
0099     C. Upload the Orbit Element and the Target Attitude
0100     C. RAM-ID:TARGET_ATT
0101   . S. RAM   ram-150:TARGET_ATT
0102     ()
0103     C.
0104     C.
0105     C. Set the dump memory area of TARGET_ATT
0106   +. DC 02-48 AOCU_DUMP_SET
0107     BC       (07 00 00 00 18 00)
0108     C.
0109     C.    <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110     C.
0111     C.
0112     C. Change the TLMFormatNo for the AOCS Dump Format
0113   +. DC 01-22 DHU_MODE_CHNG
0114     BC       (04 0b f8)
0115     C.
0116     C. Wait for AOCSDUMP to end
0117     C.
0118   . C. Check the dump memory
0119     C.
0120     C.                                      Result = OK [ ]
0121     C.
0122   +. DC 01-22 DHU_MODE_CHNG
0123     BC       (02 0a f8)
0124     C.
0125     C.                         <A_***>[TLM STS] FMT = 2 [ ]
0126     C.
0127   +. DC 02-8E AOCU_ORB_UPD
0128   . C.
0129   . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130   +. DC 07-FC EIS_MODE_CHG_ENA
0131     BC       (20)
0132   . C. Verify EIS_MODE_CHG_FLG is ENA
0133   +. DC 07-FC EIS_MODE_MANU
0134     BC       (21 02)
0135   . C. Verify EIS in MANUAL mode
0136   . C. Estimated OBSTBL upload time is 37s
0137     C. *********************************
0138     C. EIS START OBSTBL LOAD
0139     C. *********************************
0140   . S. RAM   ram-820:EIS_OBSTBL
0141     ()
0142   +. DC 07-FC EIS_DUMP_OBSTBL
0143     BC       (07 07 07 00 00 70 00)
0144     C.
0145     C. Execute, after the success of OBSTBL upload.
0146     C. Set EIS TI-commands
0147   +. TI 2026-02-21 11:23:50.0
0148     DC 07-FC EIS_MODE_CHG_ENA
0149     BC       (20)
0150   . C.                       [   ]  [HK1_TI_CMD_NUM]     EQ    1 COUNTUP
0151     C. *********************************
0152     C. EIS END OBSTBL LOAD
0153     C. *********************************
0154     C.
0155   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0156     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0157   . S. DC-BC dcbc-402:DCBC
0158     (MDP_known_event)
0159     C.
0160     C.
0161   . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0162   . S. DC-BC dcbc-153:DCBC
0163     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164     C.
0165     C.
0166   . C. ¡ãLOS¥Á¥Ş¥Ã¥¯¼Â»Ü¡ä
0167     C.
0168   . C. *********** LOS ***********
0169     C.
```

```
(a) Spacecraft Operation Procedure (real-commands)

main-816 2026-02-21 13:24:26 100 33 SOLAR-B MAIN //
0001     C.
0002    . C. *********** AOS ***********
0003     C.
0004    . C. ¡ãAOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007   +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009    . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼°ÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011   +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014     C.
0015     C. ************ XRT START ************
0016     C.
0017   +. DC 07-F0 MDP_XRT_CTRL_MANU
0018     BC       (c1)
0019   +. DC 07-F0 MDP_XRT_CTRL_MANU
0020     BC       (c1)
0021   +  DC 07-F0 MDP_XRT_MODE_STBY
0022     BC       (c3)
0023    . C. ----------- Success Verify ?              OK / NG____
0024     C.
0025     C. XRT Obs. Table Upload
0026    . S. RAM   ram-291:MDP_OBS_X
0027     ()
0028     C.
0029   +. DC 07-F0 MDP_DUMP_XRTTBL
0030     BC       (84 07 00 00 00 3a d4)
0031    . C. ----------- Comparison Check ?                        OK / ERR ____
0032     C.
0033     C.
0034   +. DC 07-F0 MDP_XRT_ROI_SET
0035     BC       (cd 01 b1 b1 04 04)
0036   +  DC 07-F0 MDP_XRT_ROI_SET
0037     BC       (cd 02 b1 b1 08 08)
0038   +  DC 07-F0 MDP_XRT_ROI_SET
0039     BC       (cd 03 b1 b1 08 08)
0040   +  DC 07-F0 MDP_XRT_ROI_SET
0041     BC       (cd 04 b1 b1 06 06)
0042   +  DC 07-F0 MDP_XRT_ROI_SET
0043     BC       (cd 05 85 83 06 06)
0044   +  DC 07-F0 MDP_XRT_ROI_SET
0045     BC       (cd 06 85 83 06 06)
0046   +  DC 07-F0 MDP_XRT_ROI_SET
0047     BC       (cd 07 85 83 08 08)
0048   +  DC 07-F0 MDP_XRT_ROI_SET
0049     BC       (cd 08 80 80 20 20)
0050   +  DC 07-F0 MDP_XRT_ROI_SET
0051     BC       (cd 09 80 80 20 08)
0052   +  DC 07-F0 MDP_XRT_ROI_SET
0053     BC       (cd 0a 80 80 08 20)
0054   +  DC 07-F0 MDP_XRT_ROI_SET
0055     BC       (cd 0f 80 80 06 06)
0056   +  DC 07-F0 MDP_XRT_ROI_SET
0057     BC       (cd 10 80 80 08 08)
0058   +  DC 07-F0 MDP_XRT_FLD_ENA
0059     BC       (d8)
0060   +  DC 07-F0 MDP_XRT_FLRCTRL_ENA
0061     BC       (c8)
0062   +  DC 07-F0 MDP_XRT_ARS_DIS
0063     BC       (d5)
0064   +  DC 07-F0 MDP_XRT_AEC_RESET
0065     BC       (d0)
0066   +  DC 07-F0 MDP_XRT_FLD_RESET
0067     BC       (da)
0068   +. DC 07-F0 MDP_XRT_QT_PROG_SET
0069     BC       (c4 0d)
0070   +. DC 07-F0 MDP_XRT_FL_PROG_SET
0071     BC       (c5 0e)
0072    . C. ---------- Success Verify ?            OK / NG ____
0073     C.
0074     C.
0075    . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0076     C.
0077   +. DC 07-F0 MDP_XRT_MODE_OBSV
0078     BC       (c2)
0079   +. TI 2026-02-21 11:23:02.0
0080     DC 07-F0 MDP_XRT_MODE_OBSV
0081     BC       (c2)
0082    . C. ---------- Success Verify ?            OK / NG ____
0083     C.
0084     C. ************ XRT END ***********
0085     C.
0086    . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0087     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0088    . S. DC-BC dcbc-402:DCBC
0089     (MDP_known_event)
0090     C.
0091     C.
0092    . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0093    . S. DC-BC dcbc-153:DCBC
0094     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0095     C.
```

```
0096      C.
0097    . C. ¡ãLOS¥Á¥$¥Ã¥¯¼Â»Ü¡ä
0098      C.
0099    . C. *********** LOS ***********
0100      C.
```

```
*** OP Sequence for XRT ***

2026/02/21  11:33:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  11:33:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  11:33:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/02/21  11:34:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM              5 02-76 00 23 8d b4 73
2026/02/21  11:34:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/21  11:34:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/21  11:34:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/21  11:34:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/21  11:34:26.0  XRT_FLD_RESET_401_OG [0x191]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  11:36:56.0  XRT_QT_PROG_SET_435_OG [0x1b3]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 0c
2026/02/21  11:36:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/21  11:37:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  13:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  13:59:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  13:59:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/02/21  14:00:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM              5 02-76 02 03 33 01 f3
2026/02/21  14:00:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/21  14:00:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/21  14:00:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/21  14:00:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/21  14:00:26.0  XRT_FLD_RESET_401_OG [0x191]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  14:02:56.0  XRT_QT_PROG_SET_436_OG [0x1b4]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 09
2026/02/21  14:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/21  14:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  16:22:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  16:22:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  16:22:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  16:22:36.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/21  16:25:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/21  16:36:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/21  16:37:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  16:39:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  16:39:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  16:39:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  16:39:36.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/21  16:42:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/21  16:45:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/21  16:46:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  17:58:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  17:58:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  17:58:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  17:58:36.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/21  18:01:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/21  18:21:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  18:21:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  18:21:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/21  18:22:00.0  AOCS_ORe-point_Start_3_OG [0x099]
```

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                                    AOCU_NM              5 02-76 00 00 00 00 00
2026/02/21  18:22:18.0  XRT_FLD_DIS_409_OG [0x199]
                                    MDP_XRT_FLD_DIS      1 07-F0 d9
2026/02/21  18:22:20.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                    MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/02/21  18:22:22.0  XRT_ARS_DIS_420_OG [0x1a4]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/21  18:24:58.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
2026/02/21  18:25:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  18:31:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  18:31:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  18:31:58.0  XRT_FOCUS_POSITION_414_OG [0x19e]
                                    XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2026/02/21  18:32:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                    AOCU_NM              5 02-76 02 03 33 01 f3
2026/02/21  18:32:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                    MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/21  18:32:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                    MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/21  18:32:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                    MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/21  18:32:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                    MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/21  18:32:26.0  XRT_FLD_RESET_401_OG [0x191]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  18:34:56.0  XRT_QT_PROG_SET_436_OG [0x1b4]
                                    MDP_XRT_QT_PROG_SET  2 07-F0 c4 09
2026/02/21  18:34:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                    MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/21  18:35:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  19:35:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  19:35:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  19:35:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  19:35:06.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/21  19:38:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/21  19:58:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/21  19:59:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  21:12:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  21:12:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  21:12:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  21:12:06.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/21  21:15:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/21  21:35:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/21  21:36:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/21  22:49:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  22:49:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/21  22:49:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/21  22:49:06.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/21  22:52:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/21  23:11:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/21  23:12:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/22  00:26:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  00:26:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  00:26:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/22  00:26:06.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                    MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/22  00:29:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                    MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/22  00:39:30.0  XRT_Custom_430_OG [0x1ae]
2026/02/22  00:40:30.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                    MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/22  01:55:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  01:55:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                    MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  01:55:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                    MDP_XRT_FLD_RESET    1 07-F0 da
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2026/02/22  01:55:36.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/22  01:58:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/22  02:09:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/22  02:10:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/22  03:25:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  03:25:02.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  03:25:04.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/22  03:25:06.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/22  03:28:14.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/22  03:45:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/22  03:46:00.5  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/22  03:59:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  03:59:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  03:59:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/22  04:00:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/02/22  04:00:18.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2026/02/22  04:00:20.0  XRT_FLRCTRL_ENA_412_OG [0x19c]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2026/02/22  04:00:22.0  XRT_AEC_RESET_448_OG [0x1c0]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2026/02/22  04:00:24.0  XRT_ARS_DIS_423_OG [0x1a7]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/22  04:00:26.0  XRT_FLD_RESET_401_OG [0x191]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/22  04:02:56.0  XRT_QT_PROG_SET_418_OG [0x1a2]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 0f
2026/02/22  04:02:58.0  XRT_FL_PROG_SET_439_OG [0x1b7]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0e
2026/02/22  04:03:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/22  04:52:30.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  04:52:32.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  04:52:34.0  XRT_FLD_RESET_415_OG [0x19f]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2026/02/22  04:52:36.0  XRT_PREFLR_STRT_431_OG [0x1af]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2026/02/22  04:55:44.0  XRT_PREFLR_STOP_419_OG [0x1a3]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2026/02/22  05:22:00.0  XRT_Custom_430_OG [0x1ae]
2026/02/22  05:23:00.0  XRT_CTRL_AUTO_424_OG [0x1a8]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/22  06:03:54.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  06:03:56.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  06:03:58.0  XRT_FOCUS_POSITION_406_OG [0x196]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2026/02/22  06:04:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/02/22  06:04:18.0  XRT_FLD_DIS_409_OG [0x199]
                                MDP_XRT_FLD_DIS      1 07-F0 d9
2026/02/22  06:04:20.0  XRT_FLRCTRL_DIS_413_OG [0x19d]
                                MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2026/02/22  06:04:22.0  XRT_ARS_DIS_420_OG [0x1a4]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2026/02/22  06:06:58.0  XRT_QT_PROG_SET_447_OG [0x1bf]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 0b
2026/02/22  06:07:00.0  XRT_CTRL_AUTO_408_OG [0x198]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2026/02/22  06:13:51.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  06:14:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/02/22  06:14:10.0  XRT_CTRL_MANU_402_OG [0x192]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2026/02/22  06:15:00.0  XRT_TCIB_XRT_S_HTR_A_ENA_426_OG [0x1aa]
                                TCIB_XRT_S_HTR_A_ENA 0 04-BC
2026/02/22  12:00:00.0  AOCS_ORe-point_Start_4_OG [0x09a]
                                AOCU_NM              5 02-76 00 53 33 01 f3
2026/02/22  18:10:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM              5 02-76 00 23 8d b4 73
2026/02/22  21:00:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM              5 02-76 02 03 33 01 f3
2026/02/23  06:02:30.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/02/23  06:12:30.0  AOCS_ORe-point_Start_4_OG [0x09a]
                                AOCU_NM              5 02-76 00 53 33 01 f3
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2026/02/23  18:13:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM              5 02-76 00 23 8d b4 73
2026/02/23  21:00:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM              5 02-76 02 03 33 01 f3
2026/02/24  05:31:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
2026/02/24  05:41:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM              5 02-76 02 03 33 01 f3
2026/02/24  11:31:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 00 00 00 00
```