

# XRT Timeline to be uploaded on 2023/04/18

Period: 2023/04/18 10:17:00 - 2023/04/22 10:58:00

\* \* \* \* \*

Normal mode

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XOB #1CF4: HOP464 - High cadence (20s Al-Poly only) 384x384 at 1064 1048													
Term	Pointing (x, y)	Comment											
04/18 10:43:30 - 04/18 11:59:54	Track ( -511.5, -332.1) <sup>Ⓞ 04/18 10:27:00</sup>	# OP start + 10min, HOP 464 GREGOR											
<b>PROG= 11 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 92 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Subr= 2 120-time(s) 20.0sec													
└─ Seqn= 78 1-time(s) 8.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval													

XOB #1BFE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with													
Term	Pointing (x, y)	Comment											
04/18 12:03:00 - 04/18 18:03:54	Track ( -115.9, 236.9) <sup>Ⓞ 04/18 12:00:00</sup>	AR 13282											
04/18 18:17:00 - 04/19 03:32:54	Track ( -59.5, 236.9) <sup>Ⓞ 04/18 18:14:00</sup>	AR cont											
04/19 05:46:30 - 04/19 07:40:30	Track ( 44.6, 236.1) <sup>Ⓞ 04/19 05:43:30</sup>	AR cont											
04/19 08:23:30 - 04/19 11:59:54	Track ( -352.6, -325.4) <sup>Ⓞ 04/19 07:55:00</sup>	HOP 464 GREGOR											
04/19 12:03:00 - 04/19 17:54:00	Track ( 101.2, 235.2) <sup>Ⓞ 04/19 12:00:00</sup>	AR cont											
04/19 18:36:30 - 04/19 22:41:00	Track ( 159.8, 233.9) <sup>Ⓞ 04/19 18:33:30</sup>	AR cont											
04/20 07:33:00 - 04/20 07:54:54	Track ( 273.1, 230.4) <sup>Ⓞ 04/20 07:30:00</sup>	AR cont											
04/20 07:58:00 - 04/20 09:55:30	Track ( -159.1, -321.8) <sup>Ⓞ 04/20 07:55:00</sup>	HOP 464 GREGOR											
<b>PROG= 10 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 92 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
└─ Subr= 2 4-time(s) 2.0sec													
└─ Seqn= 47 1-time(s) 2.0sec													
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Seqn= 77 4-time(s) 300.0sec													
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	95.0sec
	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	95.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval													

XOB #1CEF: Synoptic for HOP448 w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(65536), Med-Al(256/8192/32768), Med-Be(12													
Term	Pointing (x, y)	Comment											
04/18 18:07:00 - 04/18 18:13:54	Fixed ( 0.0, 0.0)	synoptic, shifted 4.0 min											
04/19 05:36:30 - 04/19 05:43:24	Fixed ( 0.0, 0.0)	HOP 349 & 448											
04/19 18:26:30 - 04/19 18:33:24	Fixed ( 0.0, 0.0)	synoptic, shifted 23.5 min											
04/20 01:34:00 - 04/20 03:27:00	Fixed ( 0.0, -800.0)	HOP 450, South Pole											
04/20 04:03:30 - 04/20 04:55:30	Fixed ( 850.0, -350.0)	HOP 450, West limb, AR 13272											
04/20 07:23:00 - 04/20 07:29:54	Fixed ( 0.0, 0.0)	synoptic, shifted											
<b>PROG= 14 1-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 5 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 26 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 15 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 83 1-time(s) 2.0sec													
	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 1-time(s) 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 1-time(s) 2.0sec</b>												
<b>Seqn= 46 1-time(s) 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 1-time(s) 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 1-time(s) 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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1CD0: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 300min cad) + CME w**

Term	Pointing (x, y)	Comment										
04/19 03:36:00 - 04/19 05:33:24	Fixed ( 0.0, 0.0)	HOP 349 & 448										
<b>PROG= 18 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 300.0sec</b>												
<b>Seqn= 55 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 15 1-time(s) 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= 79 1-time(s) 2.0sec</b>												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 30 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 20-time(s) 900.0sec</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= 74 1-time(s) 2.0sec</b>												
med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
<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 #1CF5: Eclipse Obs - Al/poly+Ti/poly 2x2 only 2048x2048 at 1024 1024 30s cad 723ms exposure**

Term	Pointing (x, y)	Comment										
04/20 05:42:00 - 04/20 06:35:30	Fixed ( 850.0, -350.0)	HOP 450, West limb, AR 13272										
<b>PROG= 15 1-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 23 1-time(s) 2.0sec</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 1-time(s) 2.0sec</b>												
<b>Seqn= 20 40-time(s) 30.0sec</b>												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=92	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

\* \* \* \* \* **Flare mode** \* \* \* \* \*

**XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + GB**

Term	Pointing (x, y)	Comment
04/18 10:43:30 - 04/18 11:59:54	Track ( -511.5, -332.1) @ 04/18 10:27:00	# OP start + 10min, HOP 464 GREGOR
04/18 12:03:00 - 04/18 18:03:54	Track ( -115.9, 236.9) @ 04/18 12:00:00	AR 13282
04/18 18:17:00 - 04/19 03:32:54	Track ( -59.5, 236.9) @ 04/18 18:14:00	AR cont
04/19 03:36:00 - 04/19 05:33:24	Fixed ( 0.0, 0.0)	HOP 349 & 448
04/19 05:46:30 - 04/19 07:40:30	Track ( 44.6, 236.1) @ 04/19 05:43:30	AR cont
04/19 08:23:30 - 04/19 11:59:54	Track ( -352.6, -325.4) @ 04/19 07:55:00	HOP 464 GREGOR
04/19 12:03:00 - 04/19 17:54:00	Track ( 101.2, 235.2) @ 04/19 12:00:00	AR cont
04/19 18:36:30 - 04/19 22:41:00	Track ( 159.8, 233.9) @ 04/19 18:33:30	AR cont

04/20 07:33:00 - 04/20 07:54:54 Track ( 273.1, 230.4) @ 04/20 07:30:00 AR cont  
 04/20 07:58:00 - 04/20 09:55:30 Track ( -159.1, -321.8) @ 04/20 07:55:00 HOP 464 GREGOR

PROG= 04 30-time(s)													
Subr= 1 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= 2 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

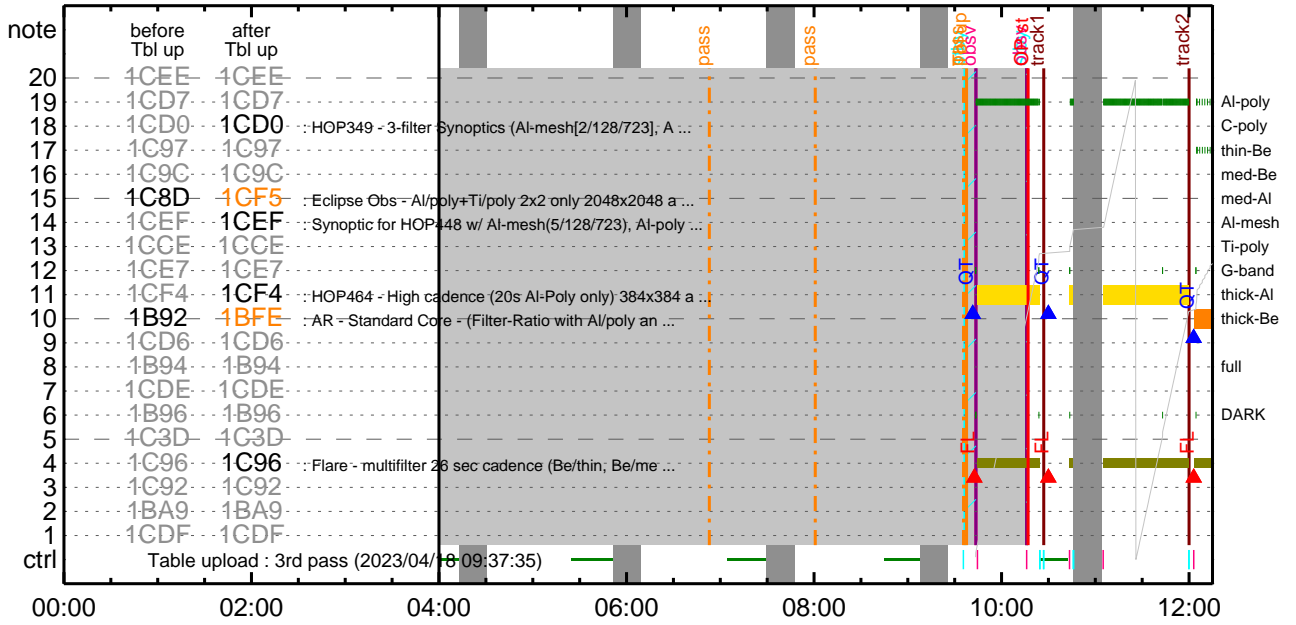
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### Flare Detection

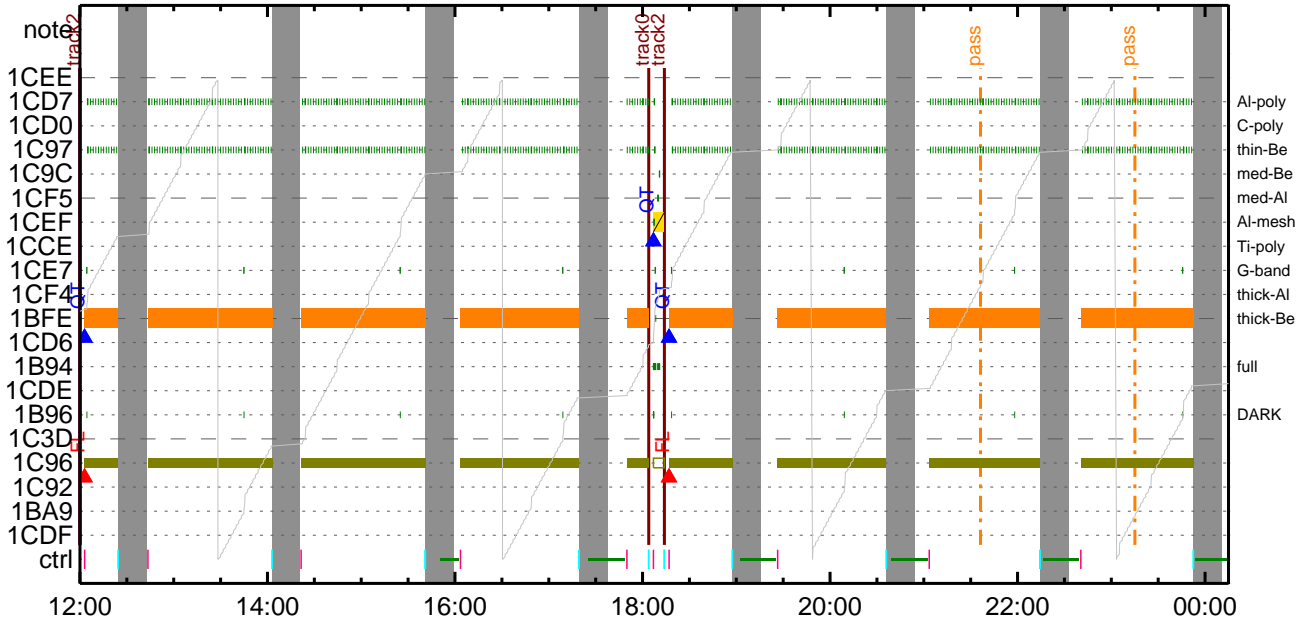
\* \* \* \* \*

FLD Patrol												
Term												
Pointing (x, y)												
Comment												
04/18 09:38:35 - 04/18 18:04:18 cannot be identified												
04/18 18:14:18 - 04/19 05:33:48 Track ( -59.5, 236.9) @ 04/18 18:14:00 AR cont												
04/19 05:43:48 - 04/19 18:23:48 Track ( 44.6, 236.1) @ 04/19 05:43:30 AR cont												
04/19 18:33:48 - 04/20 01:31:18 Track ( 159.8, 233.9) @ 04/19 18:33:30 AR cont												
04/20 07:30:18 - 04/22 10:58:00 Track ( 273.1, 230.4) @ 04/20 07:30:00 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

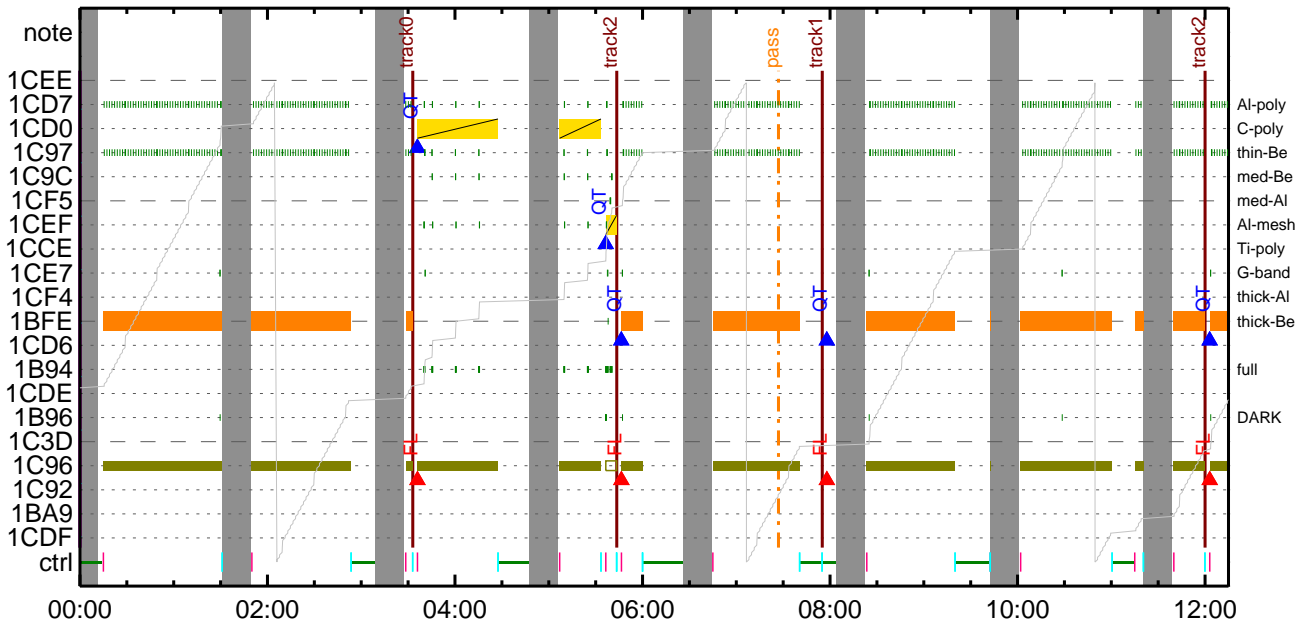
### CMDI #0015 2023/04/18



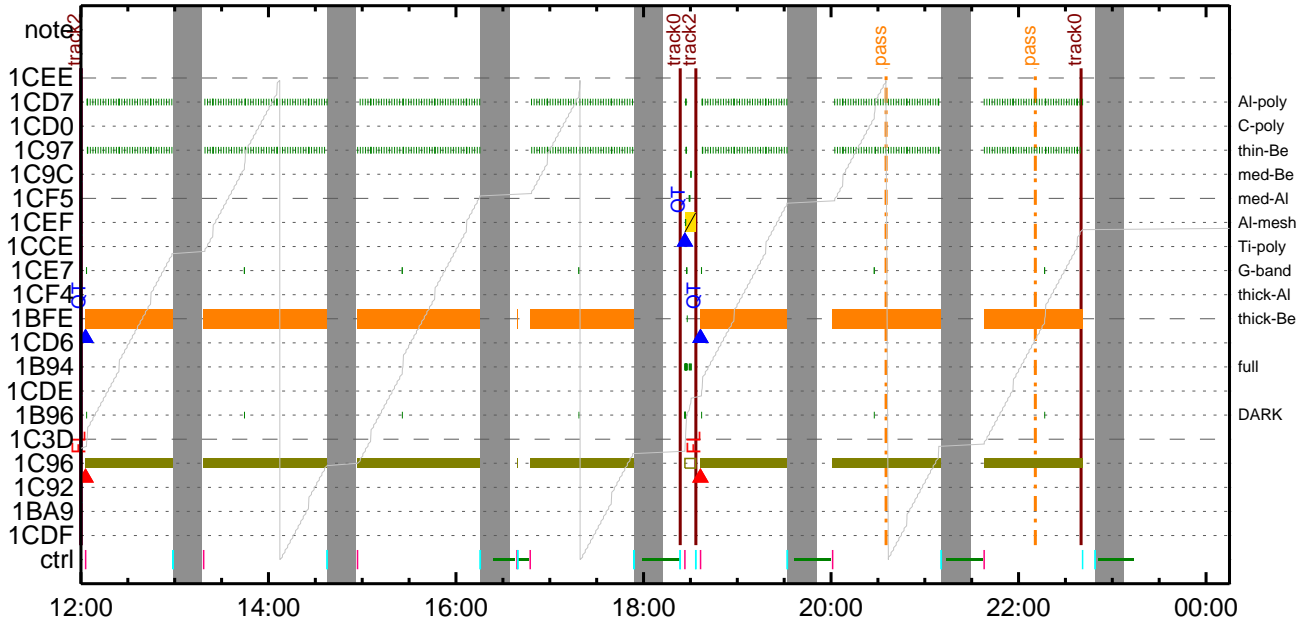
### CMDI #0015 2023/04/18



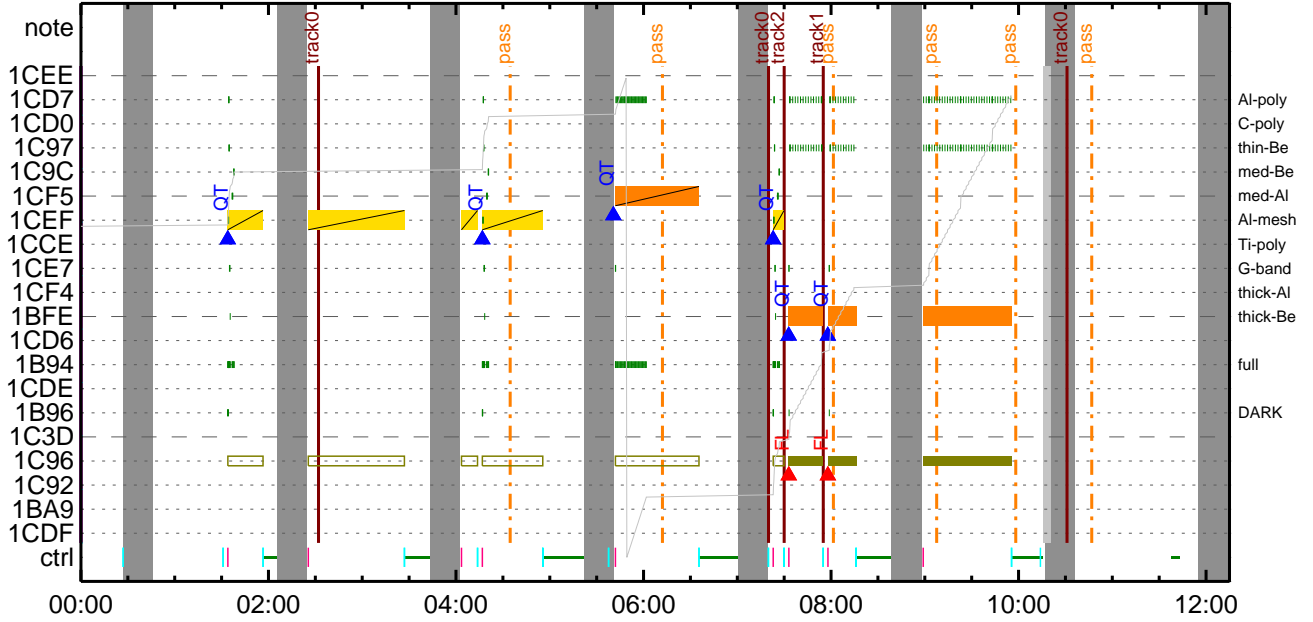
### CMDI #0015 2023/04/19



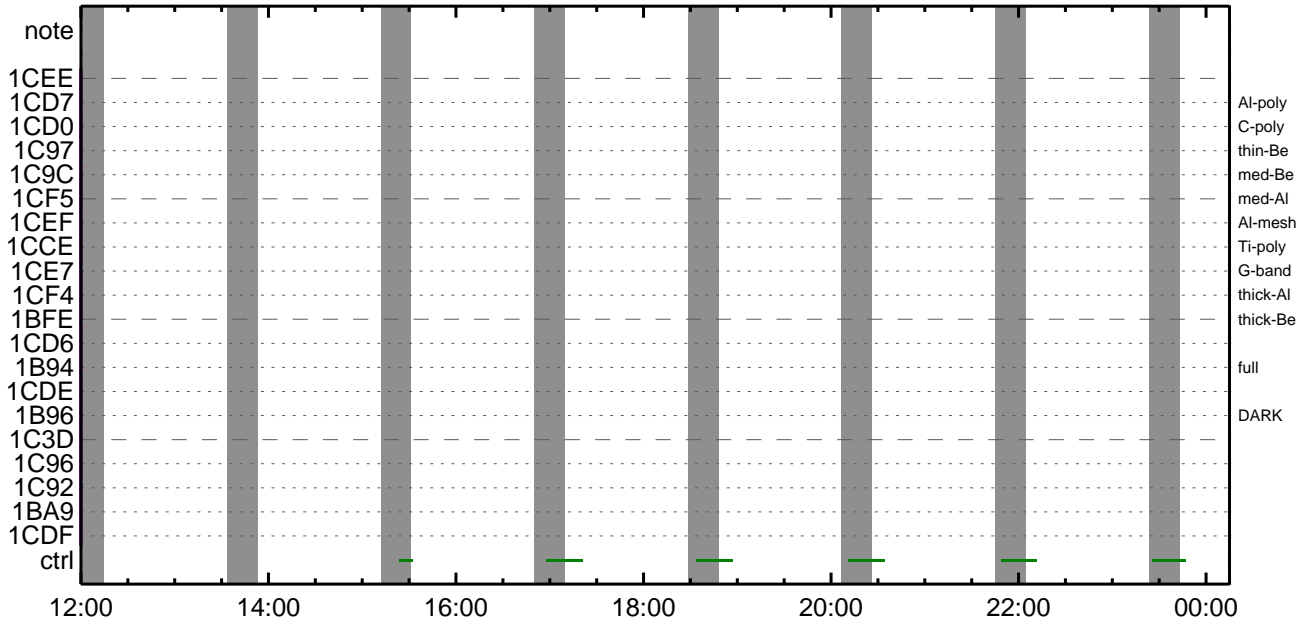
### CMDI #0015 2023/04/19



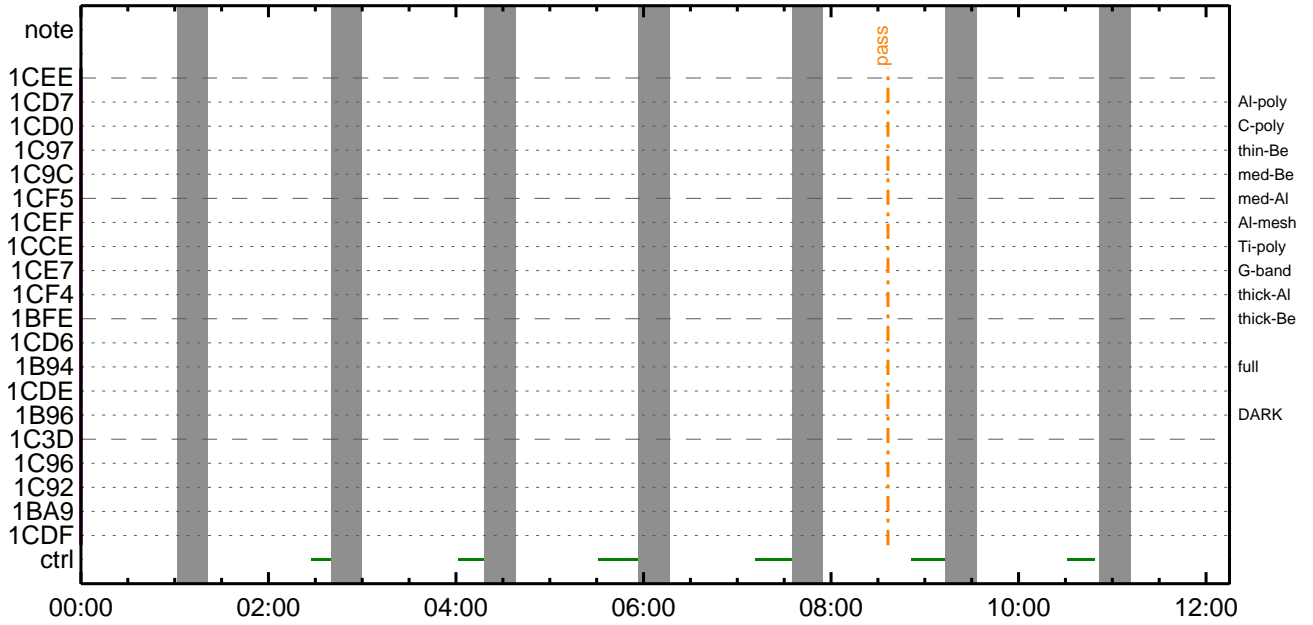
### CMDI #0015 2023/04/20



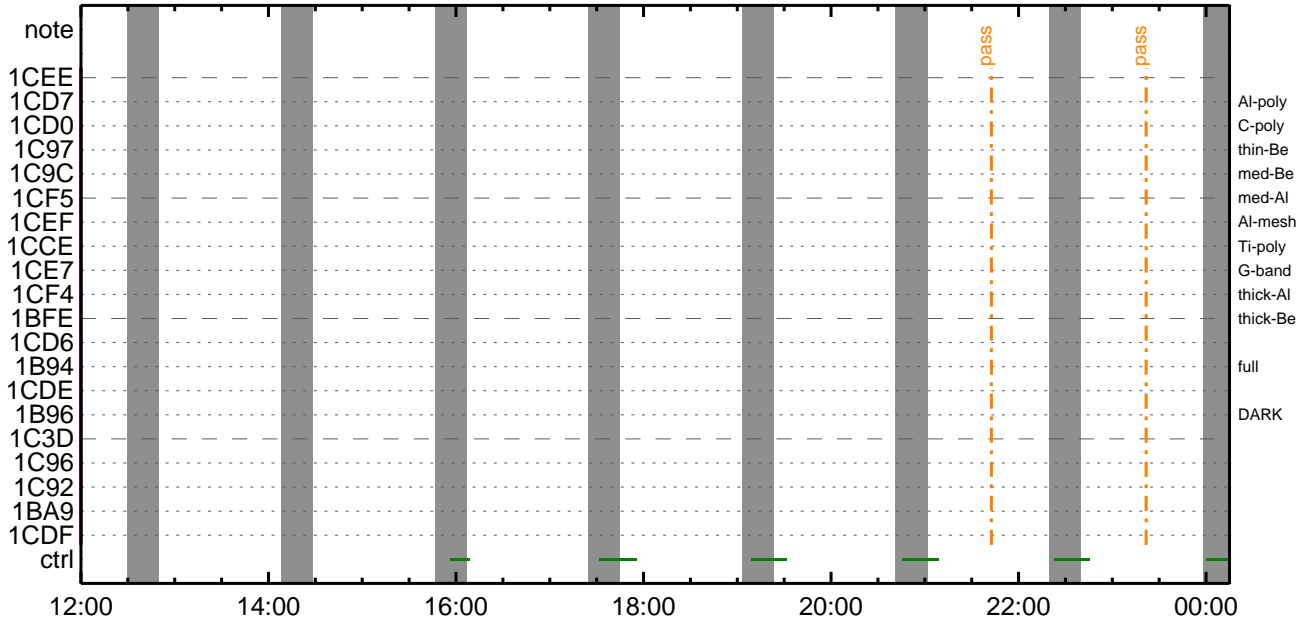
### CMDI #0015 2023/04/20



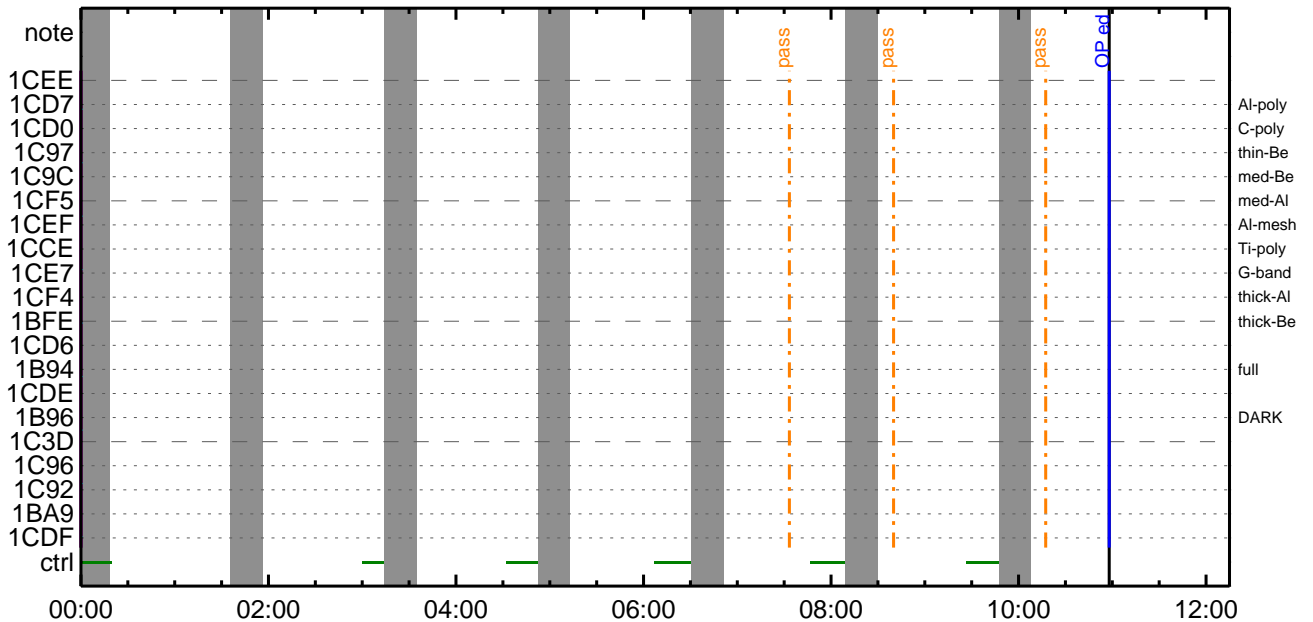
CMDI #0015 2023/04/21



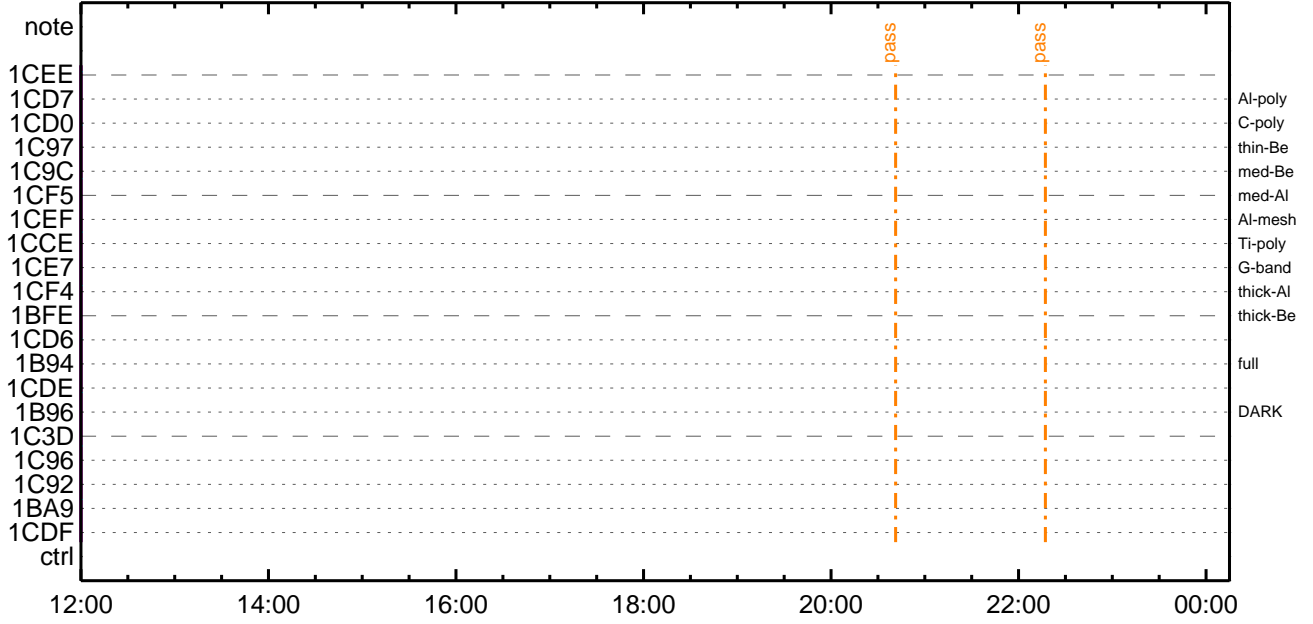
CMDI #0015 2023/04/21



CMDI #0015 2023/04/22



CMDI #0015 2023/04/22



(a) Spacecraft Operation Procedure (real-commands)

```
main-796 2023-04-18 12:03:11 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Ã¥S¥Ã¥-¼Ã»Ü;ä
0005 C.
0006 C. ¥Ã¥B;¼¥³¥F¥Ö¥ÉÀ+¿©
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOC : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÃð•µ°E»Í×ÁÇðí¥ç¥Ã¥×¥í;¼¥É;ÈÈ%µ•ííÉ;ÈðÈ¼°CÒð•µ¿¼l¹çðí;çÃ®.ùð¹aððððçÃ+¿©ð•ðÈððð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OG¥í;¼¥É;¼¥Ö¥×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OG¥í;¼¥É;ä
0019 . S. OP op-796:OP
0020 ( )
0021 . S. OG og-796:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPí°è¥Ã¥Ö¥×;ä
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. ¥Ã¥Ö¥×¼¥³¥Ï»ðð³ÍÇS
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGðí¼È¹ç•è²ïOKðð³ÍÇS
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. ¥Ã¥Ö¥×¼¥³¥Ï»ðð³ÍÇS
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGðí¼È¹ç•è²ïOKðð³ÍÇS
0062 C.
0063 C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. ¥Ã¥Ö¥×¼¥³¥Ï»ðð³ÍÇS
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPðí¼È¹ç•è²ïOKðð³ÍÇS
0081 C.
0082 . C. ***** øÈ²¼ðí¼Ã´¶¼°ðÈÈ-ð°Ã+¿© (¼áµ-¥Ã¥Ö¥×¼¥³¥Ï»ðð³ÍÇS) *****
0083 C. DHU¥ä;¼¥É;È¼¥½.¥í;¼¥É;Èððíáð¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;§ OPOG UPLOADð-Ã+¿©NGðí¼¹ç;ç°È²¼ðí¼TI-CMDÃ+¿©ðí¼Ã¹Öðð•ðÈððð³ðÈ;f
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0096 C.          0300; SET EDUMP 0100 0100 0100 0100 0100
0097 C.
0098 C. TI 2023-04-18 10:12:00.0
0099 +. TI 2023-04-18 10:12:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          0300 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2023-04-18 10:12:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          0300 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2023-04-18 10:12:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          0300 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2023-04-18 10:16:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          0300 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C.          0300 [HK1_TI_CMD_ENA/DIS] EQ ENA
0116 C.          0300 [HK1_TI_CMD_NUM] EQ 4
0117 C.          0300 [HK1_NEXT_EXEC_PIM] EQ DHU
0118 C.          0300 [HK1_NEXT_EXEC_DC] EQ 0xB3
0119 C.
0120 C.
0121 C. *****
0122 C. TI 2023-04-18 10:16:59.5
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF; 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.          0300 [HK1_DMP_TOP_ADRS_1] EQ 07
0129 C.          0300 [HK1_DMP_TOP_ADRS_0] EQ 2B
0130 C.          0300 [HK1_DMP_BLOCK_NUM] EQ 3
0131 C.          0300 [HK1_DMP_REPEAT_NUM] EQ 0
0132 C.          0300 [HK1_DMA_DMP_PIM] EQ DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.          0300 [HK1_PKT_FORM_NO] EQ 7
0136 C.          0300 [HK1_PKT_GEN_TIME] EQ 0.25 s
0137 C.          0300 [HK1_S_TLM_BIT_RATE] EQ 32k
0138 C.          0300 [HK1_X_TLM_BIT_RATE] EQ 4M
0139 C.          0300 [HK1_DMP_CHK_FLG] EQ EXEC
0140 C.
0141 C.          0300 [HK1_DMP_CHK_FLG] EQ NON
0142 C.
0143 C.
0144 C. RAM ID=TI_TBL 0100 0100 0100 0100 0100
0145 C.
0146 C. DHU 0100 0100 0100 0100 0100
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.          0300 [HK1_PKT_FORM_NO] EQ 2
0150 C.          0300 [HK1_PKT_GEN_TIME] EQ 0.5S
0151 C.          0300 [HK1_S_TLM_BIT_RATE] EQ 32K
0152 C.          0300 [HK1_X_TLM_BIT_RATE] EQ 4M
0153 C.
0154 C.
0155 C. ***** XRT START *****
0156 C. Execute, after the success of OP upload.
0157 +. TI 2023-04-18 10:16:00.0
0158 DC 07-F0 MDP_XRT_MODE_STBY
0159 BC (c3)
0160 C.          [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0161 C.
0162 C. ***** XRT END *****
0163 C. Stop EIS observation and temporarily disable EIS mode changes
0164 C.
0165 C.
0166 C. ***** Start EIS operation (TI set) *****
0167 C. Execute, after the success of OP upload.
0168 C. Set EIS TI-commands
0169 +. TI 2023-04-18 10:16:30.0
0170 DC 07-FC EIS_MODE_MANU
0171 BC (21 02)
0172 +. TI 2023-04-18 10:16:40.0
0173 DC 07-FC EIS_MODE_CHG_DIS
0174 BC (22)
0175 C.          [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0176 C. ***** End EIS operation (TI set) *****
0177 C.
0178 C.
0179 C.
0180 C. ***** MDP 0100 0100 0100 0100 0100 *****
0181 C. (%0100 0100 0100 0100 0100)
0182 S. DC-BC dcbc-402:DCBC
0183 (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** 0100 0100 0100 0100 0100 *****
0187 S. DC-BC dcbc-153:DCBC
0188 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS 0100 0100 0100 0100 0100
0192 C.
0193 C. ***** LOS *****

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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. ***** AOCs Commands (Orbital Element Update) *****
0130 C. Update the orbital element
0131 +. DC 02-50 AOCU_ORB_PRPGT_START
0132 BC (16)
0133 +. DC 02-8E AOCU_ORB_UPD
0134 C.
0135 C. <A_ORB>[ORBIT] EPC = 2393203.2 +- 1.0 (s) [ ]
0136 C.
0137 . C.
0138 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0139 +. DC 07-FC EIS_MODE_CHG_ENA
0140 BC (20)
0141 . C. Verify EIS_MODE_CHG_FLG is ENA
0142 +. DC 07-FC EIS_MODE_MANU
0143 BC (21 02)
0144 . C. Verify EIS in MANUAL mode
0145 . C. Estimated OBSTBL upload time is 15s
0146 C. *****
0147 C. EIS START OBSTBL LOAD
0148 C. *****
0149 . S. RAM ram-820:EIS_OBSTBL
0150 ( )
0151 +. DC 07-FC EIS_DUMP_OBSTBL
0152 BC (07 07 07 00 00 70 00)
0153 C.
0154 C. Execute, after the success of OBSTBL upload.
0155 C. Set EIS TI-commands
0156 +. TI 2023-04-18 10:16:50.0
0157 DC 07-FC EIS_MODE_CHG_ENA
0158 BC (20)
0159 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0160 C. *****
0161 C. EIS END OBSTBL LOAD
0162 C. *****
0163 C.
0164 . C. ***** MDP 'úÃîî'ö¼ÝðËÄð¹ñëDCBC•x²è *****
0165 C. (¼á°îÝÓYÄYËYþYËYçYèñE%¼á¼Ä»Û¹ñé)
0166 . S. DC-BC dcbc-402:DCBC
0167 (MDP_known_event)
0168 C.
0169 C.
0170 . C. ***** YÐY¹•ï Daily±;îÑñÉ'Øñ¹ñëDCBC•x²è *****
0171 . S. DC-BC dcbc-153:DCBC
0172 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0173 C.
0174 C.
0175 . C. ;ãLOS¥ÁY$YÄY-¼Ä»Ü;ã
0176 C.
0177 . C. ***** LOS *****
0178 C.
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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_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 06 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 07 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 08 80 80 20 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 09 80 80 08 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 0a 80 80 08 08)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0f 80 80 06 06)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 10 80 80 08 08)
0138 + DC 07-F0 MDP_XRT_FLD_ENA
0139 BC (d8)
0140 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0141 BC (c8)
0142 + DC 07-F0 MDP_XRT_ARS_DIS
0143 BC (d5)
0144 + DC 07-F0 MDP_XRT_AEC_RESET
0145 BC (d0)
0146 + DC 07-F0 MDP_XRT_FLD_RESET
0147 BC (da)
0148 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0149 BC (c4 0b)
0150 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0151 BC (c5 04)
0152 . C. ----- Success Verify ? OK / NG ____
0153 C.
0154 C.
0155 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0156 C.
0157 +. DC 07-F0 MDP_XRT_MODE_OBSV
0158 BC (c2)
0159 +. DC 07-F0 MDP_XRT_CTRL_AUTO
0160 BC (c0)
0161 +. TI 2023-04-18 10:16:02.0
0162 DC 07-F0 MDP_XRT_MODE_OBSV
0163 BC (c2)
0164 +. TI 2023-04-18 10:16:04.0
0165 DC 07-F0 MDP_XRT_CTRL_AUTO
0166 BC (c0)
0167 . C. ----- Success Verify ? OK / NG ____
0168 C.
0169 C. ***** XRT END *****
0170 C.
0171 . C. ***** MDP `úÃîï»ö%ÝðÊÃð¹èDCBC•x²è *****
0172 C. (%á°îÿÓÿÁÿËÿÏÿËÿáÿçÿèè%¼ð¼Ã»Û¹è)
0173 . S. DC-BC dcbc-402:DCBC
0174 (MDP_known_event)
0175 C.
0176 C.
0177 . C. ***** ¥Ðÿ¹•ï Daily±¿ÎñèË´Ø¹èDCBC•x²è *****
0178 . S. DC-BC dcbc-153:DCBC
0179 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0180 C.
0181 C.
0182 . C. ;ãLOS¥Áÿ$ÿÃÿ-¼Ã»Û;ã
0183 C.
0184 . C. ***** LOS *****
0185 C.

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

2023/04/18	10:24:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	10:24:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	10:24:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/18	10:24:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/18	10:26:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	10:26:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	10:26:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2023/04/18	10:27:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	01 03 74 01 db			
2023/04/18	10:27:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/04/18	10:27:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/04/18	10:27:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/04/18	10:27:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/04/18	10:27:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/18	10:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/18	10:29:56.0	XRT_QT_PROG_SET_407_OG [0x197]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b			
2023/04/18	10:29:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2023/04/18	10:42:30.0	XRT_Custom_430_OG [0x1ae]						
2023/04/18	10:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/18	10:46:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	10:46:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	10:46:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/18	10:46:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/18	10:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/18	11:04:00.0	XRT_Custom_430_OG [0x1ae]						
2023/04/18	11:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/18	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	11:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2023/04/18	12:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	02 03 74 01 db			
2023/04/18	12:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/04/18	12:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/04/18	12:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/04/18	12:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/04/18	12:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/18	12:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a			
2023/04/18	12:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2023/04/18	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/18	12:24:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	12:24:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	12:24:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/18	12:24:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/18	12:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/18	12:42:30.0	XRT_Custom_430_OG [0x1ae]						
2023/04/18	12:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/18	14:03:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	14:03:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/18	14:03:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			

2023/04/18	14:03:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/18	14:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/18	14:20:30.0	XRT_Custom_430_OG [0x1ae]							
2023/04/18	14:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/18	15:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	15:41:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	15:41:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/18	15:41:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/18	15:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/18	16:02:30.0	XRT_Custom_430_OG [0x1ae]							
2023/04/18	16:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/18	17:19:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	17:19:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	17:19:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/18	17:19:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/18	17:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/18	17:49:00.0	XRT_Custom_430_OG [0x1ae]							
2023/04/18	17:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/18	18:03:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	18:03:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	18:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/04/18	18:04:00.0	AOCS_Or-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/04/18	18:04:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/04/18	18:04:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/04/18	18:04:22.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/18	18:06:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/04/18	18:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/18	18:13:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	18:13:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	18:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/04/18	18:14:00.0	AOCS_Or-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 03 74 01 db				
2023/04/18	18:14:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/04/18	18:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/04/18	18:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/04/18	18:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/18	18:14:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/18	18:16:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2023/04/18	18:16:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/04/18	18:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/18	18:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	18:57:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	18:57:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/18	18:57:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/18	19:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/18	19:25:30.0	XRT_Custom_430_OG [0x1ae]							
2023/04/18	19:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/18	20:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	20:36:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/18	20:36:04.0	XRT_FLD_RESET_415_OG [0x19f]							



2023/04/18	20:36:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da		
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/04/18	20:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/04/18	21:02:30.0	XRT_Custom_430_OG [0x1ae]						
2023/04/18	21:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/04/18	22:14:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/18	22:14:32.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/18	22:14:34.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/04/18	22:14:36.5	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/04/18	22:17:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/04/18	22:39:30.0	XRT_Custom_430_OG [0x1ae]						
2023/04/18	22:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/04/18	23:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/18	23:52:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/18	23:52:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/04/18	23:52:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/04/18	23:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/04/19	00:14:00.0	XRT_Custom_430_OG [0x1ae]						
2023/04/19	00:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/04/19	01:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	01:31:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	01:31:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/04/19	01:31:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/04/19	01:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/04/19	01:49:00.0	XRT_Custom_430_OG [0x1ae]						
2023/04/19	01:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/04/19	02:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	02:53:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	02:53:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/04/19	02:53:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/04/19	02:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2023/04/19	03:27:30.0	XRT_Custom_430_OG [0x1ae]						
2023/04/19	03:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/04/19	03:32:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	03:32:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	03:32:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2023/04/19	03:33:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2023/04/19	03:33:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2023/04/19	03:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2023/04/19	03:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2023/04/19	03:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2023/04/19	03:33:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/04/19	03:35:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2023/04/19	03:35:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2023/04/19	03:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2023/04/19	04:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	04:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2023/04/19	04:27:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2023/04/19	04:27:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2023/04/19	04:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						

2023/04/19	05:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/04/19	05:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/04/19	05:33:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/04/19	05:33:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	05:33:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	05:33:48.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/04/19	05:33:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2023/04/19	05:33:52.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2023/04/19	05:36:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/04/19	05:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2023/04/19	05:43:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/04/19	05:43:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	05:43:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	05:43:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/04/19	05:43:30.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/04/19	05:43:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02 03 74 01 db
2023/04/19	05:43:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2023/04/19	05:43:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/04/19	05:43:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2023/04/19	05:43:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/04/19	05:46:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/04/19	05:46:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2023/04/19	05:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/04/19	06:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/04/19	06:00:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	06:00:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	06:00:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/04/19	06:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/04/19	06:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/04/19	06:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/04/19	07:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/04/19	07:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	07:40:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	07:40:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/04/19	07:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/04/19	07:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/04/19	07:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	07:54:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/04/19	07:55:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/04/19	07:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 03 74 01 db
2023/04/19	07:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2023/04/19	07:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/04/19	07:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2023/04/19	07:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2023/04/19	07:57:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da
2023/04/19	07:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2023/04/19	08:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/04/19	08:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/04/19	09:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

2023/04/19	09:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	09:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	09:20:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/04/19	09:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/04/19	09:41:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/04/19	09:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2023/04/19	09:42:30.5	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/04/19	09:42:32.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/04/19	09:42:34.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	09:42:36.5	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	09:45:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_FLD_RESET_415_OG [0x19f]				
2023/04/19	10:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/04/19	10:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/04/19	11:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/04/19	11:00:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]				
2023/04/19	11:00:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/04/19	11:00:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/04/19	11:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	11:14:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	11:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	11:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	11:20:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	11:20:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	11:20:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/04/19	11:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/04/19	11:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/04/19	11:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2023/04/19	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]				
2023/04/19	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/04/19	11:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	12:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	12:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/04/19	12:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	02 03 74 01 db	
2023/04/19	12:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/04/19	12:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/04/19	12:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/04/19	12:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/04/19	12:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/04/19	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2023/04/19	12:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/04/19	12:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_408_OG [0x198]				
2023/04/19	12:59:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/04/19	12:59:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	13:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/04/19	13:17:30.0	XRT_Custom_430_OG [0x1ae]	XRT_FLD_RESET_415_OG [0x19f]				
2023/04/19	13:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/04/19	14:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/04/19	14:37:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/04/19	14:37:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_Custom_430_OG [0x1ae]				

2023/04/19	14:37:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/19	14:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/19	14:56:00.0	XRT_Custom_430_OG [0x1ae]								
2023/04/19	14:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/19	16:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	16:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	16:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/19	16:15:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/19	16:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/19	16:38:00.0	XRT_Custom_430_OG [0x1ae]								
2023/04/19	16:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/19	16:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	16:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	16:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/19	16:39:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/19	16:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/19	16:46:30.0	XRT_Custom_430_OG [0x1ae]								
2023/04/19	16:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/19	17:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	17:54:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	17:54:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/19	17:54:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/19	17:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/19	18:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	18:23:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	18:23:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/04/19	18:23:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00				
2023/04/19	18:23:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/04/19	18:23:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/04/19	18:23:52.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/19	18:26:28.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/04/19	18:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/19	18:33:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	18:33:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	18:33:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/04/19	18:33:30.5	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 74 01 db				
2023/04/19	18:33:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/04/19	18:33:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/04/19	18:33:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/04/19	18:33:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/19	18:33:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/19	18:36:26.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2023/04/19	18:36:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/04/19	18:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/19	19:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	19:32:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/19	19:32:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/19	19:32:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]								

2023/04/19	19:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/19	20:00:00.0	XRT_Custom_430_OG [0x1ae]							
2023/04/19	20:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/19	21:10:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/19	21:10:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/19	21:10:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/19	21:10:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/19	21:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/19	21:37:00.0	XRT_Custom_430_OG [0x1ae]							
2023/04/19	21:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/19	22:40:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
			AOCU_NM	5	02-76	00 47 1a 00 00			
2023/04/19	22:41:00.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/19	22:49:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/19	22:49:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/19	22:49:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/19	22:49:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/19	22:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/20	00:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	00:27:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	00:27:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/20	00:27:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/20	00:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/20	01:30:54.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	01:30:56.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	01:30:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2023/04/20	01:31:18.0	XRT_FLD_DIS_409_OG [0x199]							
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2023/04/20	01:31:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2023/04/20	01:31:22.0	XRT_ARS_DIS_401_OG [0x191]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/04/20	01:33:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e			
2023/04/20	01:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/20	01:56:30.5	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	01:56:33.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	01:56:35.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/20	01:56:37.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/20	01:59:45.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/20	02:24:30.0	XRT_Custom_430_OG [0x1ae]							
2023/04/20	02:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/20	02:32:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
			AOCU_NM	5	02-76	00 1f 1a b4 73			
2023/04/20	03:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	03:27:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	03:27:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/04/20	03:27:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/04/20	03:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/04/20	04:02:30.0	XRT_Custom_430_OG [0x1ae]							
2023/04/20	04:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/04/20	04:13:47.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	04:13:49.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/04/20	04:13:51.0	XRT_FOCUS_POSITION_406_OG [0x196]							
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			

2023/04/20	04:14:11.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/04/20	04:14:13.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/04/20	04:14:15.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/20	04:16:51.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/04/20	04:16:53.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/20	04:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	04:55:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	04:55:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/20	04:55:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/20	04:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/20	05:37:37.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	05:37:39.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	05:37:41.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/04/20	05:38:01.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/04/20	05:38:03.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/04/20	05:38:05.0	XRT_ARS_DIS_428_OG [0x1ac]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/20	05:40:43.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2023/04/20	05:41:00.0	XRT_Custom_430_OG [0x1ae]							
2023/04/20	05:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/20	06:35:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	06:35:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	06:35:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/20	06:35:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/04/20	06:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/04/20	07:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	07:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	07:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/04/20	07:20:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/04/20	07:20:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/04/20	07:20:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/04/20	07:20:22.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/20	07:22:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2023/04/20	07:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/20	07:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	07:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	07:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/04/20	07:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02 03 74 01 db				
2023/04/20	07:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/04/20	07:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/04/20	07:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/04/20	07:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/04/20	07:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/04/20	07:32:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2023/04/20	07:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/04/20	07:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/04/20	07:54:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/04/20	07:54:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2023/04/20	07:54:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2023/04/20	07:55:00.0	AOCs_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	01	03	74	01 db
2023/04/20	07:55:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0				d8
2023/04/20	07:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0				c8
2023/04/20	07:55:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0				d0
2023/04/20	07:55:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0				d5
2023/04/20	07:55:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0				da
2023/04/20	07:57:56.0	XRT_QT_PROG_SET_429_OG [0x1ad] MDP_XRT_QT_PROG_SET	2	07-F0				c4 0a
2023/04/20	07:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0				c5 04
2023/04/20	07:58:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0				c0
2023/04/20	08:16:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0				c1
2023/04/20	08:16:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0				c1
2023/04/20	08:16:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0				da
2023/04/20	08:16:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0				e8
2023/04/20	08:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0				e9
2023/04/20	08:58:00.0	XRT_Custom_430_OG [0x1ae]						
2023/04/20	08:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0				c0
2023/04/20	09:55:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0				c1
2023/04/20	09:55:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0				c1
2023/04/20	09:55:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0				da
2023/04/20	09:55:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0				e8
2023/04/20	09:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0				e9
2023/04/20	10:14:00.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0				c1
2023/04/20	10:31:00.0	AOCs_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	00	00	00 00