

XRT Timeline to be uploaded on 2022/08/25

Period: 2022/08/25 11:04:00 - 2022/08/30 11:49:00

* * * * *

Normal mode

* * * * *

XOB #1C09: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 1ms													
Term	Pointing (x, y)							Comment					
08/25 11:25:30 - 08/25 17:47:54	Fixed (-21.0, 856.0)							# OP start + 10min, HOP 206 N pole					
PROG= 19 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 16 2-time(s) 2.0sec													
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs 1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 90 1-time(s) 30.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs 1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
└─ Subr= 3 60-time(s) 60.0sec													
└─ Seqn= 57 1-time(s) 30.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs 1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs 1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CC7: Synoptic Q95 2x2 - Al/mesh(2/128/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(12/181/1443) + Thi													
Term	Pointing (x, y)							Comment					
08/25 17:51:00 - 08/25 17:57:54	Fixed (0.0, 0.0)							synoptic, shifted -12.0 min					
08/26 03:03:00 - 08/26 03:09:54	Fixed (0.0, 0.0)							HOP 173, synoptic					
08/26 06:03:00 - 08/26 06:09:54	Fixed (0.0, 0.0)							synoptic					
08/26 18:07:00 - 08/26 18:13:54	Fixed (0.0, 0.0)							synoptic, shifted 4.0 min					
08/27 03:18:00 - 08/27 03:24:54	Fixed (0.0, 0.0)							HOP 173, synoptic					
08/27 06:30:00 - 08/27 06:36:54	Fixed (0.0, 0.0)							synoptic, shifted 27.0 min					

PROG= 11 1-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 5 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs 2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs 4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs 8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs 1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec	
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs 1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec	
└─ Seqn= 55 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└─ Seqn= 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= 79 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	16ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└─ Seqn= 23 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs 1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec	
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs 1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BBA: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with													
Term	Pointing (x, y)							Comment					
08/25 18:01:00 - 08/26 02:59:54	Track (414.6, 343.5) @ 08/25 17:58:00							track AR 13085 and HOP173 from 01:00UT on 8/26					
08/26 03:13:00 - 08/26 05:59:54	Track (-248.9, -516.9) @ 08/26 03:10:00							HOP 173, EFR at SE					
08/26 06:13:00 - 08/26 12:09:30	Track (490.4, 349.8) @ 08/26 06:10:00							track AR 13085					
08/26 14:04:30 - 08/26 18:03:54	Track (535.2, 354.4) @ 08/26 13:55:00							track AR 13085					
08/26 18:17:00 - 08/26 20:21:30	Track (559.0, 357.1) @ 08/26 18:14:00							track AR 13085					
08/27 01:03:00 - 08/27 03:14:54	Track (594.3, 361.6) @ 08/27 01:00:00							HOP 173, AR13085					
08/27 03:28:00 - 08/27 05:44:30	Track (-50.9, -521.1) @ 08/27 03:25:00							HOP 173, EFR at SE					
08/27 06:40:00 - 08/27 11:35:00	Track (621.8, 365.5) @ 08/27 06:37:00							track AR 13085					

PROG= 09 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 92 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs 1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs 1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs 1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	
└─ Subr= 2 5-time(s) 2.0sec													
└─ Seqn= 47 1-time(s) 2.0sec													
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec	
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec	
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec	
└─ Seqn= 96 4-time(s) 120.0sec													

Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
08/26 12:26:30 - 08/26 13:48:00	Fixed (0.0, 0.0)	EIS spectral atlas
08/26 20:48:00 - 08/27 00:59:54	Fixed (880.0, -250.0)	Coronal rain
PROG= 14 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 30 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec
Subr= 2 5-time(s) 720.0sec		
Seqn= 8 1-time(s) 2.0sec		
thin-Be/Open	med-Be/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Seqn= 6 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
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) + G

Term	Pointing (x, y)	Comment
08/25 11:25:30 - 08/25 17:47:54	Fixed (-21.0, 856.0)	# OP start + 10min, HOP 206 N pole
08/25 18:01:00 - 08/26 02:59:54	Track (414.6, 343.5) @ 08/25 17:58:00	track AR 13085 and HOP173 from 01:00UT on 8/26
08/26 03:13:00 - 08/26 05:59:54	Track (-248.9, -516.9) @ 08/26 03:10:00	HOP 173, EFR at SE
08/26 06:13:00 - 08/26 12:09:30	Track (490.4, 349.8) @ 08/26 06:10:00	track AR 13085
08/26 12:26:30 - 08/26 13:48:00	Fixed (0.0, 0.0)	EIS spectral atlas
08/26 14:04:30 - 08/26 18:03:54	Track (535.2, 354.4) @ 08/26 13:55:00	track AR 13085
08/26 18:17:00 - 08/26 20:21:30	Track (559.0, 357.1) @ 08/26 18:14:00	track AR 13085
08/26 20:48:00 - 08/27 00:59:54	Fixed (880.0, -250.0)	Coronal rain
08/27 01:03:00 - 08/27 03:14:54	Track (594.3, 361.6) @ 08/27 01:00:00	HOP 173, AR13085
08/27 03:28:00 - 08/27 05:44:30	Track (-50.9, -521.1) @ 08/27 03:25:00	HOP 173, EFR at SE
08/27 06:40:00 - 08/27 11:35:00	Track (621.8, 365.5) @ 08/27 06:37:00	track AR 13085
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

* * * * *

Flare Detection

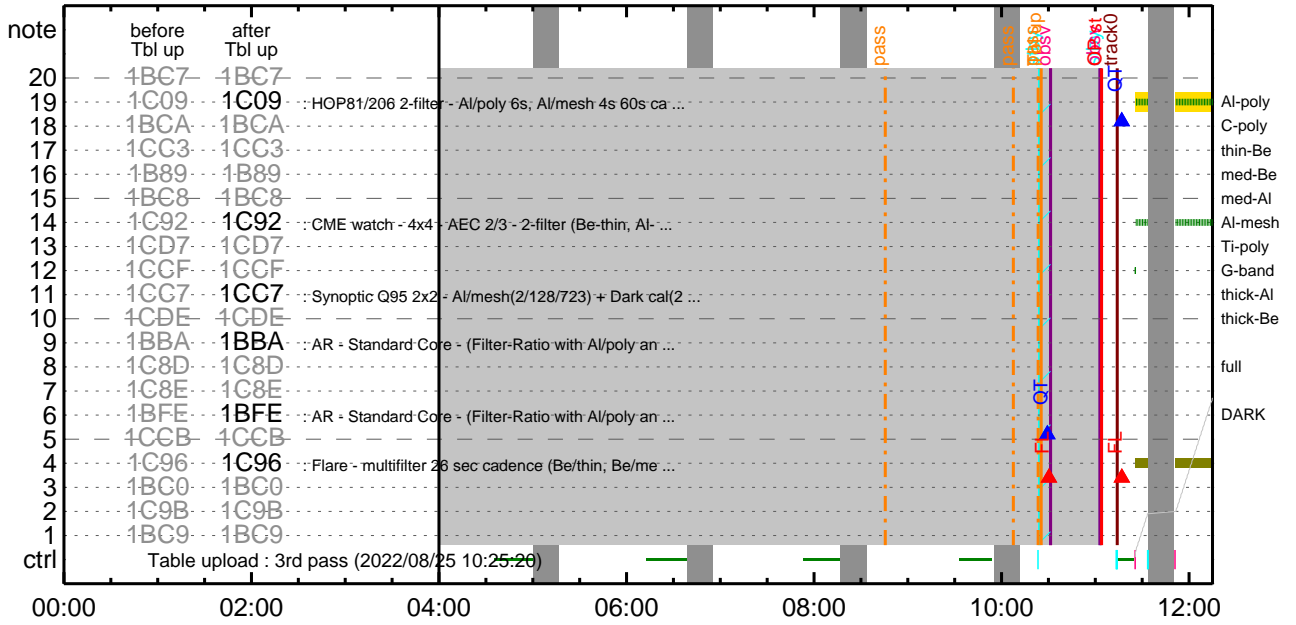
* * * * *

FLD Patrol

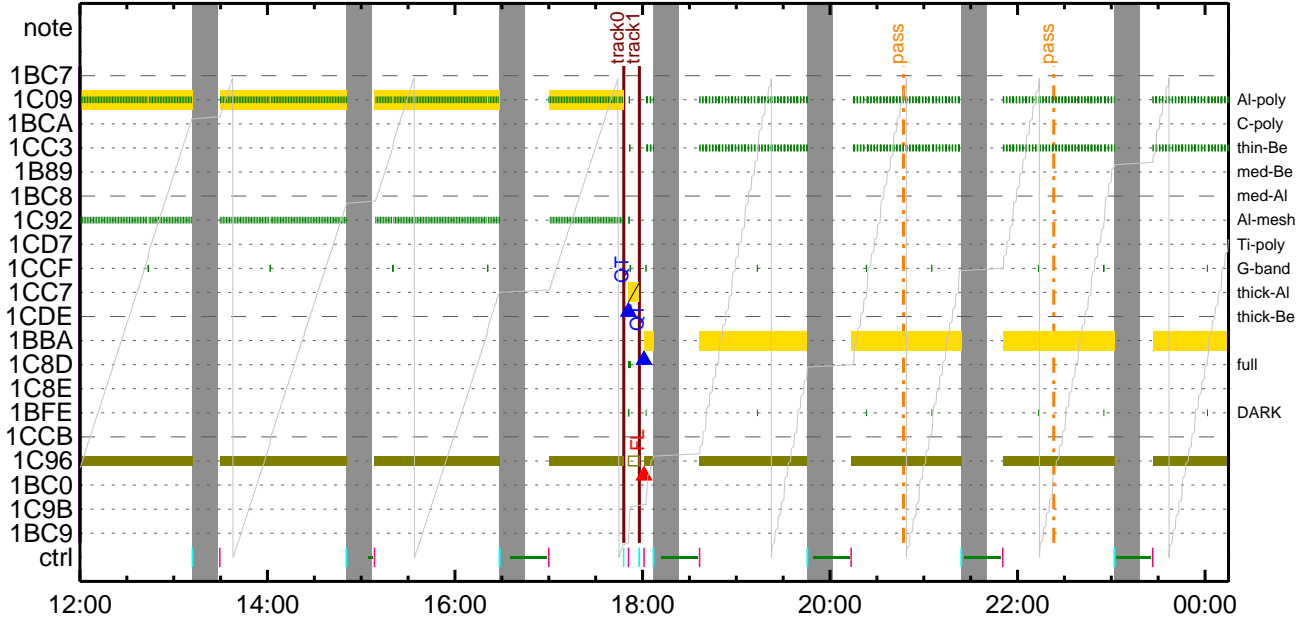
Term	Pointing (x, y)	Comment
08/25 10:26:20 - 08/25 17:48:16	cannot be identified	
08/25 17:58:18 - 08/26 03:00:16	Track (414.6, 343.5) @ 08/25 17:58:00	track AR 13085 and HOP173 from 01:00UT on 8/26
08/26 03:10:18 - 08/26 06:00:16	Track (-248.9, -516.9) @ 08/26 03:10:00	HOP 173, EFR at SE
08/26 06:10:18 - 08/26 18:04:16	Track (490.4, 349.8) @ 08/26 06:10:00	track AR 13085
08/26 18:14:18 - 08/27 03:15:16	Track (559.0, 357.1) @ 08/26 18:14:00	track AR 13085
08/27 03:25:18 - 08/27 06:27:16	Track (-50.9, -521.1) @ 08/27 03:25:00	HOP 173, EFR at SE
08/27 06:37:18 - 08/30 11:49:00	Track (621.8, 365.5) @ 08/27 06:37:00	track AR 13085

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

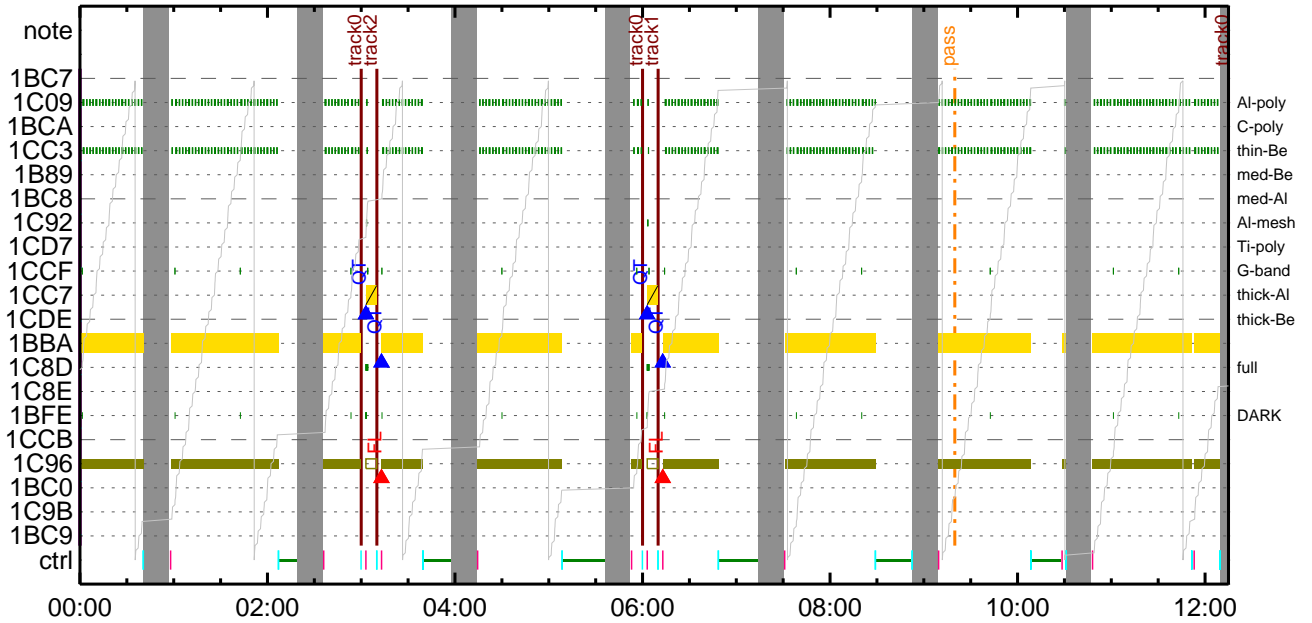
CMDI #0541 2022/08/25



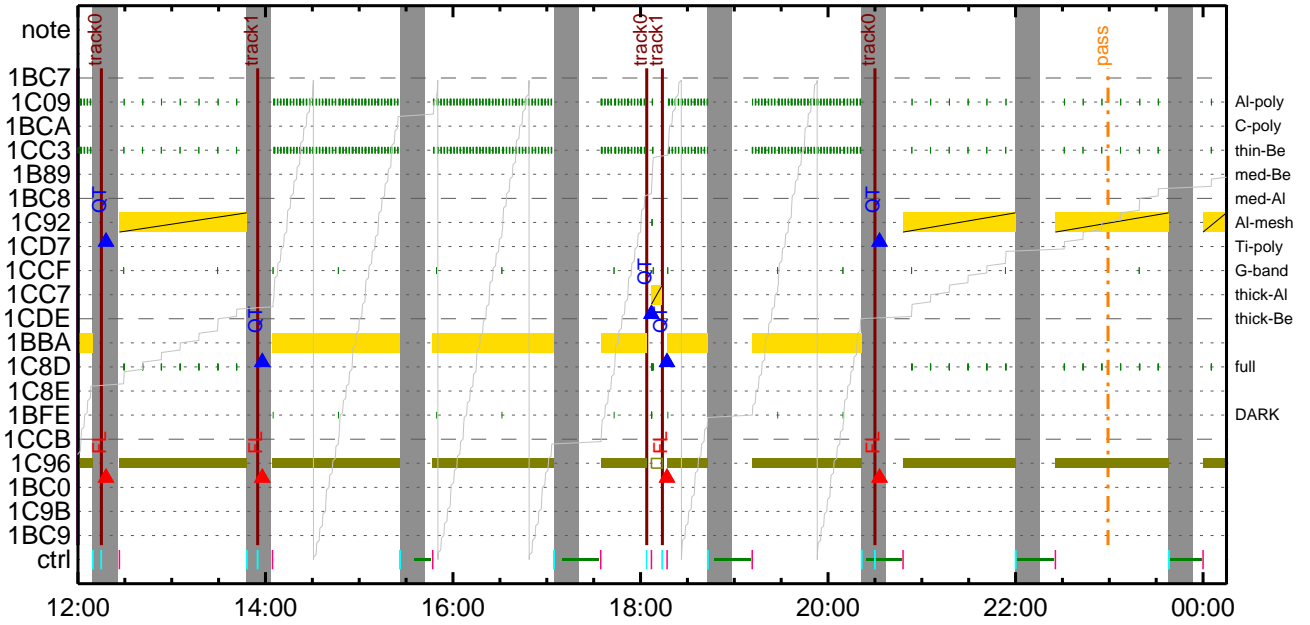
CMDI #0541 2022/08/25



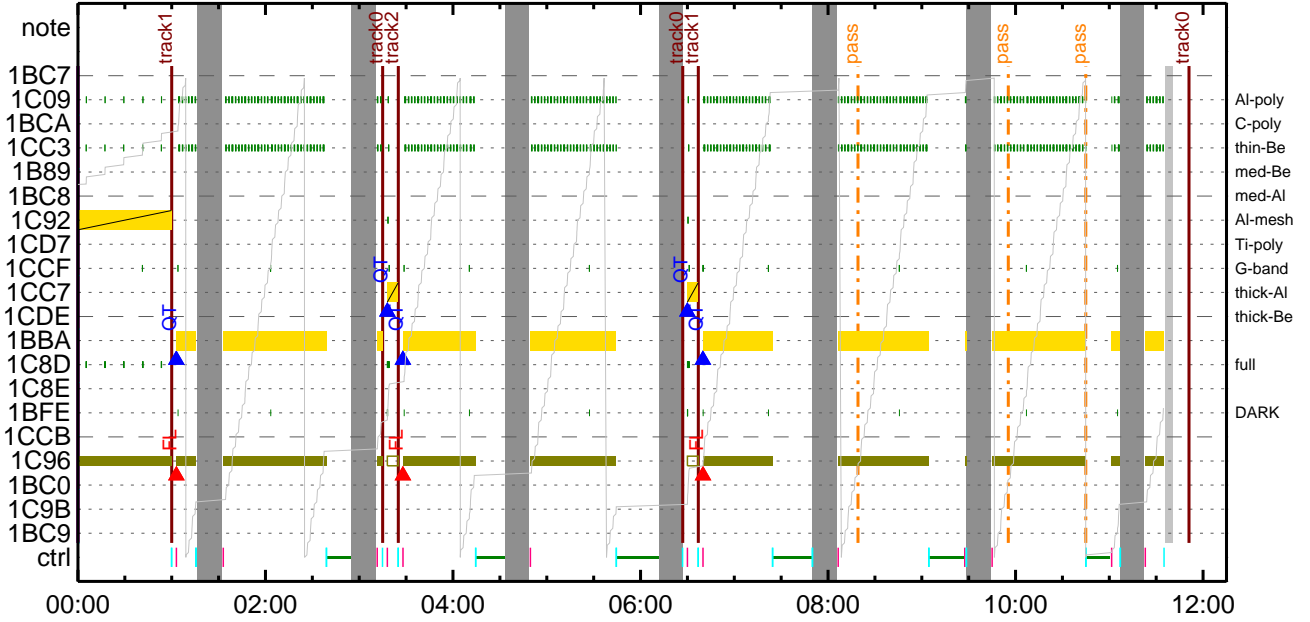
CMDI #0541 2022/08/26



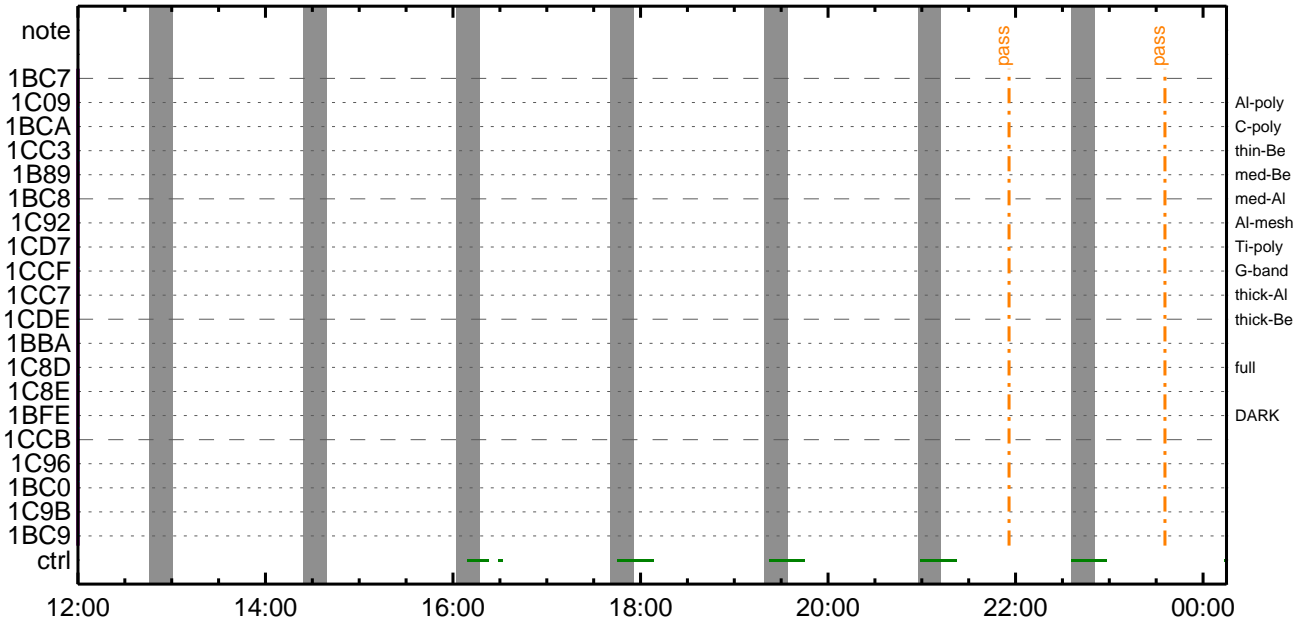
CMDI #0541 2022/08/26



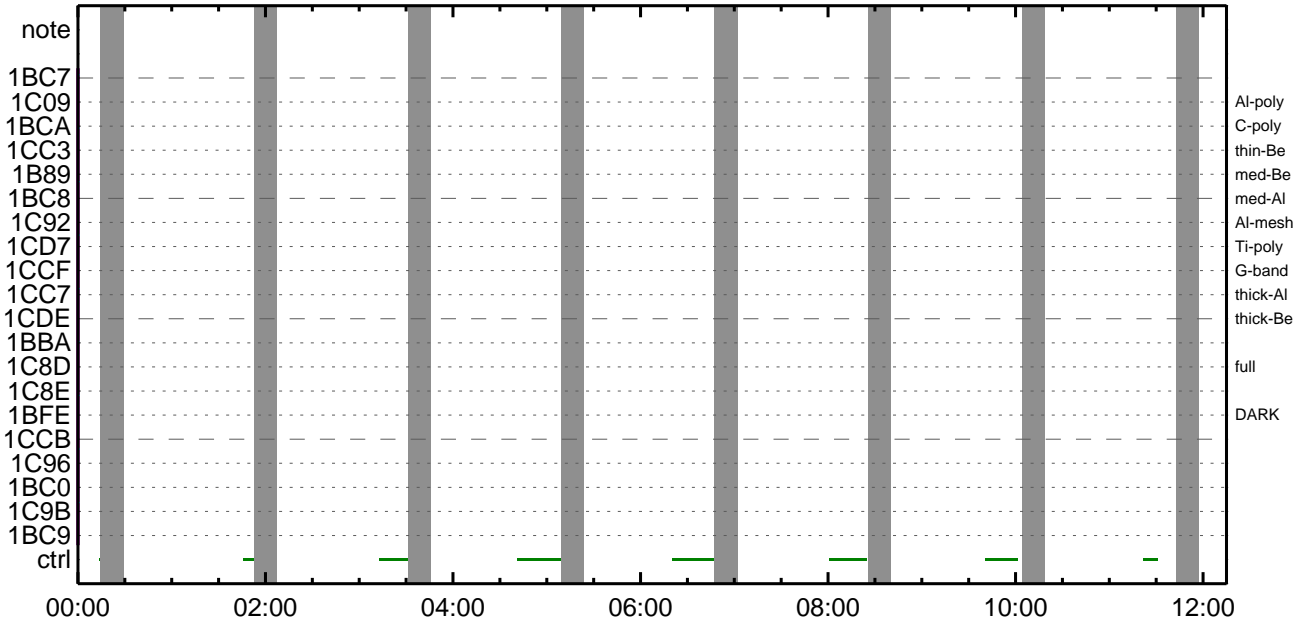
CMDI #0541 2022/08/27



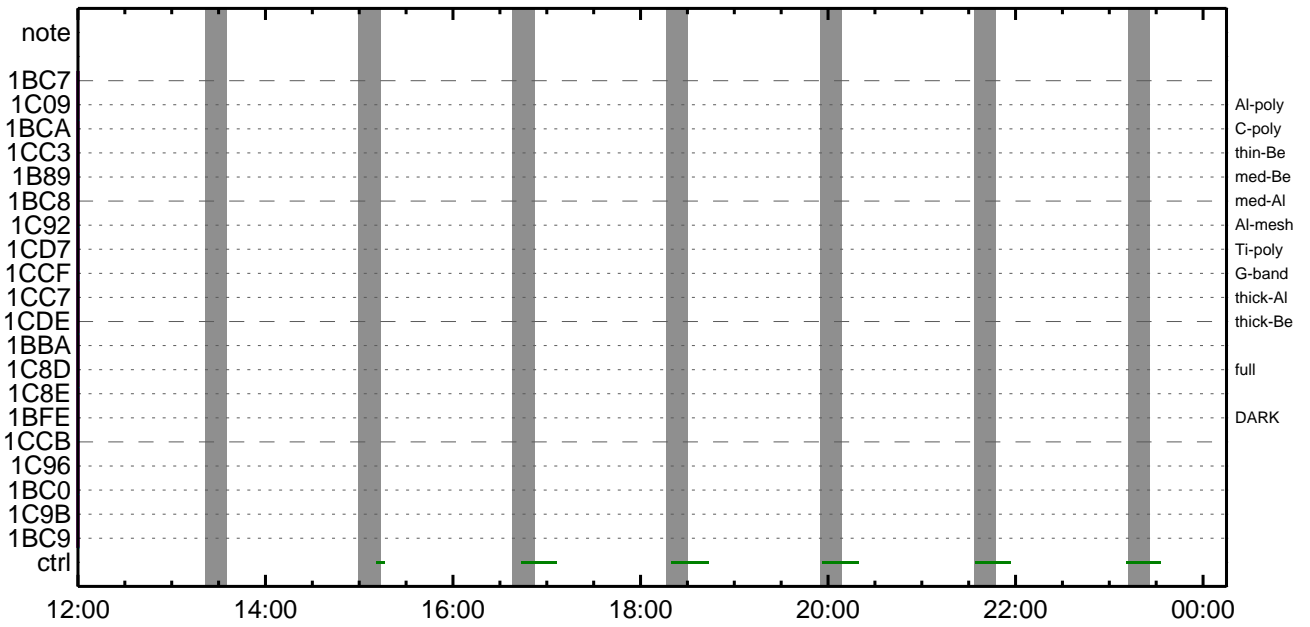
CMDI #0541 2022/08/27



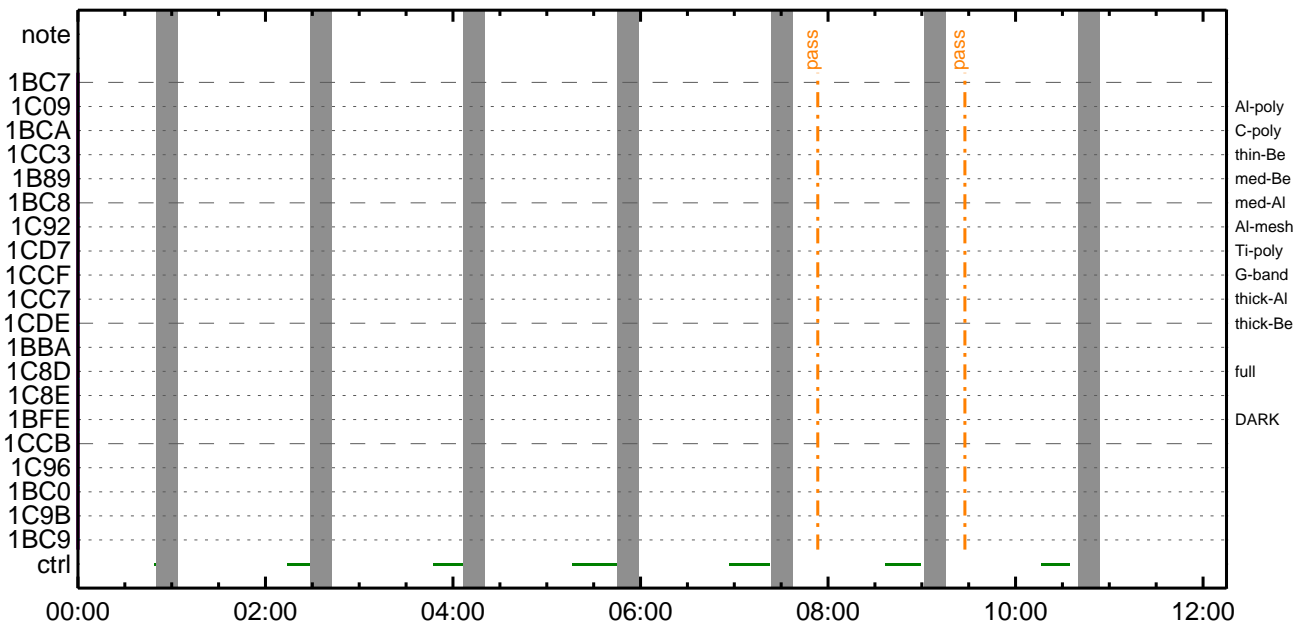
CMDI #0541 2022/08/28



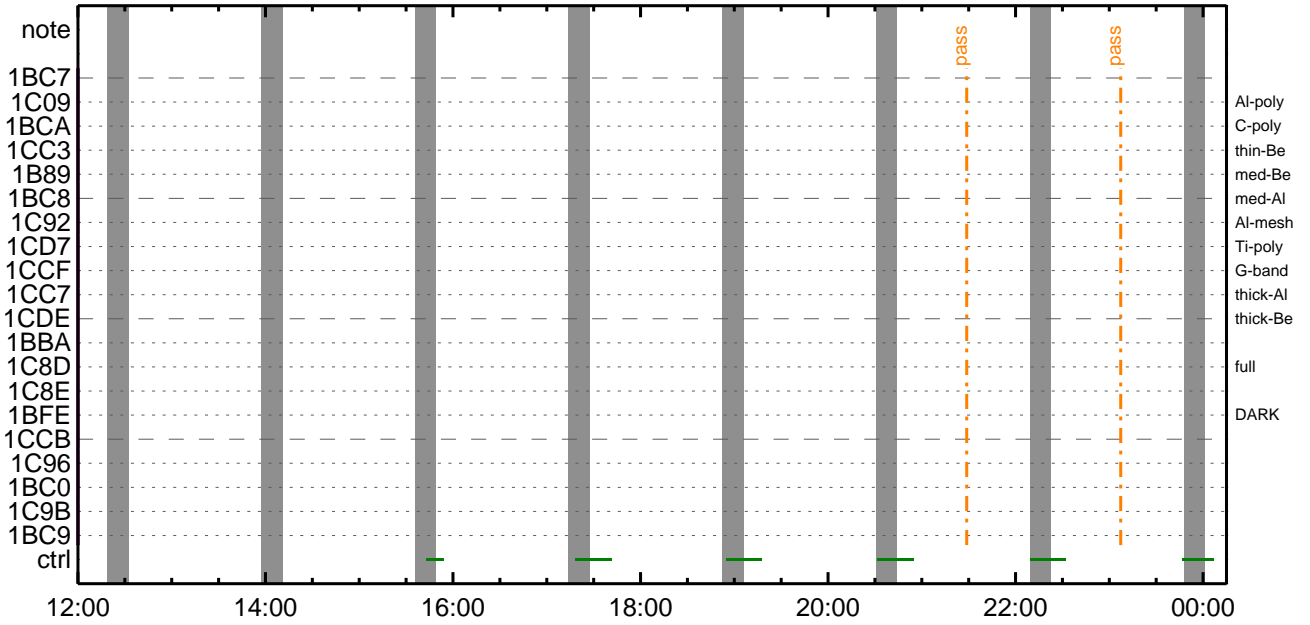
CMDI #0541 2022/08/28



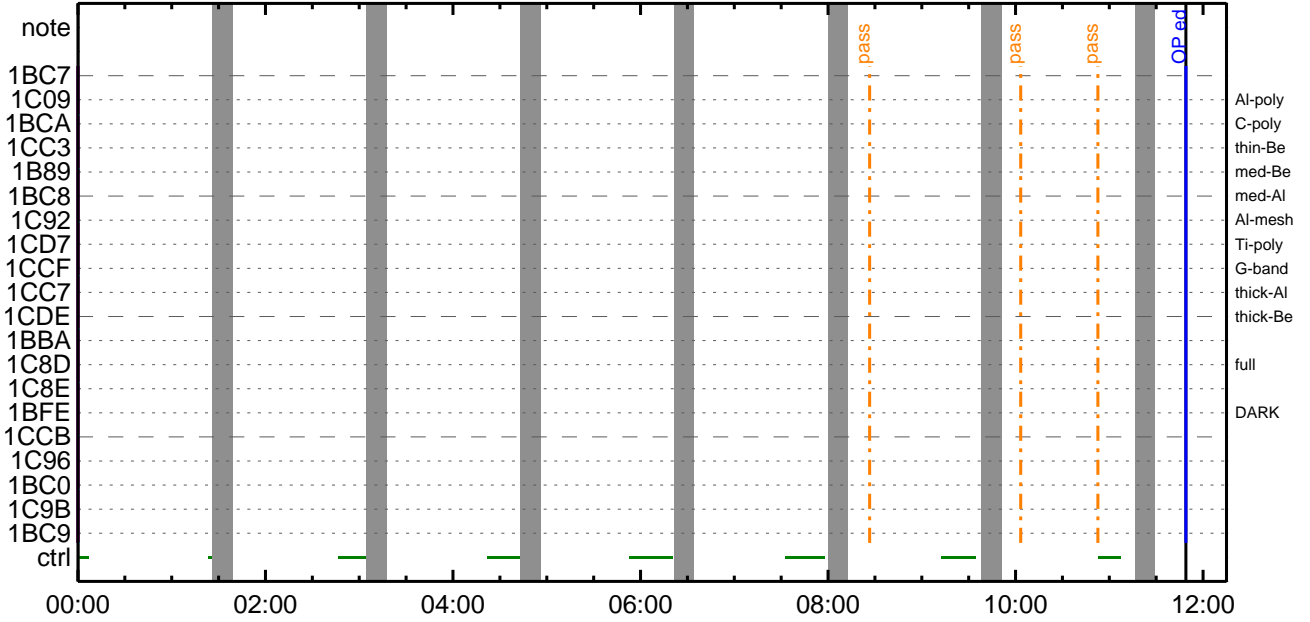
CMDI #0541 2022/08/29



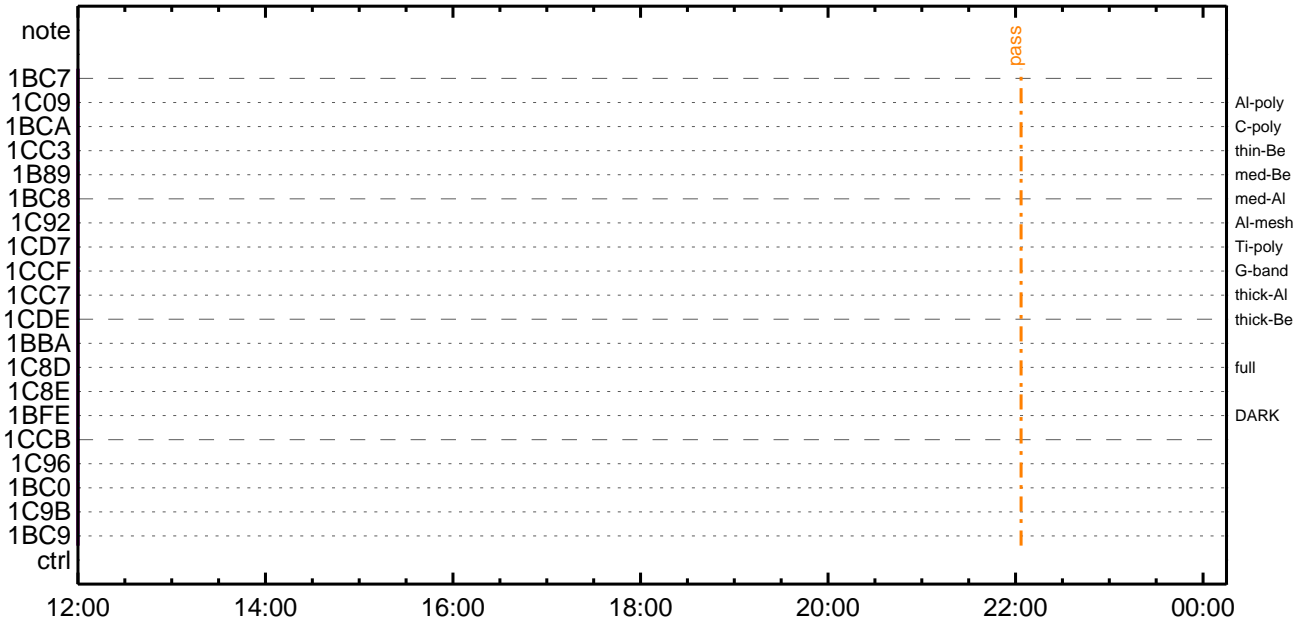
CMDI #0541 2022/08/29



CMDI #0541 2022/08/30



CMDI #0541 2022/08/30




```
0096 C.
0097 C.
0098 . C. *****
0099 C. OP/OGY1;4YE; ;YAYOYx
0100 C. *****
0101 C.
0102 . C. ;äOP/OGY1;4YE;ä
0103 . S. OP op-364:OP
0104 ( )
0105 . S. OG og-364:OG
0106 ( )
0107 C.
0108 . C. ;änMOG&OPfî°èYAYOYx;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. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 . C. YAYOYx½ª î»ø³ îçš
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOG□î¼Ē¹ç•ë² İOKøø³ îçš
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. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 . C. YAYOYx½ª î»ø³ îçš
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOG□î¼Ē¹ç•ë² İOKøø³ îçš
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. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 . C. YAYOYx½ª î»ø³ îçš
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OP□î¼Ē¹ç•ë² İOKøø³ îçš
0165 C.
0166 . C. ***** øĒ²¼□İ¼Ā´ŕĀ°øĒĒ¬øĀ÷ĵ@ (¼āµ-YAYOYx½ªê¼çøðĀŌĀæøç¼ª°"øĒ¼i¹çøçā) *****
0167 C. DHUYâ;4YE;Ē¼Y½;Yi;4YE;Ēøðİâ°¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[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□-Ā÷ĵ@NGuİ¼i¹ç;ç°Ē²¼□İTI-CMDĀ÷ĵ@□İ¼Ā¹Ī□•□Ē□□□³□ĒĒ;f
0180 C. □Ē□ĵ;çSET□ĒDUMP□İĒ±°iYŦ¹□ç¹Ī□□|□³□ĒĒ;f
0181 C.
0182 . C. TIY³YŦYØYĒøðĀĒİĵ (UT)
0183 +. TI 2022-08-25 10:59:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2022-08-25 10:59:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2022-08-25 10:59:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```

0194 C.
0195 +. TI 2022-08-25 11:03:59.5
0196 DC 01-B2 DHU_OP_START
0197 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄè%îîÑαîÏŸÄŸ\$ŸÄŸ¹âiÜ
0200 C. çç[HK1_TI_CMD_ENA/DIS] EQ ENA
0201 C. çç[HK1_TI_CMD_NUM] EQ 4
0202 C. çç[HK1_NEXT_EXEC_PIM] EQ DHU
0203 C. çç[HK1_NEXT_EXEC_DC] EQ 0xB3
0204 C.
0205 . C. *****
0206 C. TIîî°èŸÄŸÖŸ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC (03 ab 03 01 02)
0212 C. çç[HK1_DMP_TOP_ADRS_1] EQ 07
0213 C. çç[HK1_DMP_TOP_ADRS_0] EQ 2B
0214 C. çç[HK1_DMP_BLOCK_NUM] EQ 3
0215 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0216 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC (07 0b f8)
0219 C. çç[HK1_PKT_FORM_NO] EQ 7
0220 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0221 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0222 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0223 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0224 C.
0225 . C. ŸÄŸÖŸ×½ªî»αò³îÇ\$
0226 C. çç[HK1_DMP_CHK_FLG] EQ NON
0227 C.
0228 . C. RAM ID=TI_TBLαîÏŸÄŸ¹âiÜç.è²îOKαò³îÇ\$
0229 C.
0230 . C. DHUŸâ;¼ŸÉ;ÈŸ¼.Ÿi;¼ŸÈ;Èαòîäα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC (02 0a f8)
0233 C. çç[HK1_PKT_FORM_NO] EQ 2
0234 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0235 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0236 C. çç[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 2022-08-25 11:03:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC (21 02)
0247 +. TI 2022-08-25 11:03:40.0
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 2022-08-25 11:03:00.0
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 `ûÄîαî»ò¼ŸαÈÄα¹αèDCBC•×²è *****
0265 C. (¼ª°îŸÖŸÄŸÈŸ¼ŸÈŸâŸçŸèαÈ¼αα¼Ä»Ûα¹αè)
0266 . S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 . C. ***** ŸDŸ¹.İ Daily±;îÑαÈ¹Øα¹αèDCBC•×²è *****
0271 . S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 . C. ïäLOSŸÄŸŸÄŸŸÄŸ¹¼Ä»Û;ä
0276 C.
0277 . C. ***** LOS *****
0278 C.

(a) Spacecraft Operation Procedure (real-commands)

```
main-365 2022-08-25 11:17:46 85 33 SOLAR-B MAIN //  
0001 C.  
0002 . C. ***** AOS *****  
0003 C.  
0004 . C. ;ãAOSYÁY$YÁY~¼Ä»Û;ã  
0005 C.  
0006 C. YÀYB;¼Y³YFÝÓYÉÁ+¿®  
0007 +. DC 00-00 NULL_DUMMY_CMD  
0008 C.  
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****  
0010 C. Áí;È¿¿Àß•µ°È»Í×ÄÇøÍYçYÁY×YÍ;¼YÉ;ÈÈ%µ•íÉ;ÈßÈ¼°ÇÔß•σ¿¼l¹çσÍ;çÄ®, ùσ¹σÈßßçÇÁ+¿®σ•σÈσσσ³σÈ;f  
0011 +. DC 02-8E AOCU_ORB_UPD  
0012 C.  
0013 C.  
0014 . C. ***** AOCs Commands (Tracking Curve Upload) *****  
0015 C. Upload the Orbit Element and the Target Attitude  
0016 C. RAM-ID:TARGET_ATT  
0017 . S. RAM ram-150:TARGET_ATT  
0018 (  
0019 C.  
0020 C.  
0021 C. Set the dump memory area of TARGET_ATT  
0022 +. DC 02-48 AOCU_DUMP_SET  
0023 BC (07 00 00 00 18 00)  
0024 C.  
0025 C. <A_STs1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]  
0026 C.  
0027 C.  
0028 C. Change the TLMFormatNo for the AOCs Dump Format  
0029 +. DC 01-22 DHU_MODE_CHNG  
0030 BC (04 0b f8)  
0031 C.  
0032 C. Wait for AOCSDUMP to end  
0033 C.  
0034 . C. Check the dump memory  
0035 C.  
0036 C. Result = OK [ ]  
0037 C.  
0038 +. DC 01-22 DHU_MODE_CHNG  
0039 BC (02 0a f8)  
0040 C.  
0041 C. <A_***>[TLM STS] FMT = 2 [ ]  
0042 C.  
0043 +. DC 02-8E AOCU_ORB_UPD  
0044 . C.  
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes  
0046 +. DC 07-FC EIS_MODE_CHG_ENA  
0047 BC (20)  
0048 . C. Verify EIS_MODE_CHG_FLG is ENA  
0049 +. DC 07-FC EIS_MODE_MANU  
0050 BC (21 02)  
0051 . C. Verify EIS in MANUAL mode  
0052 C. Estimated OBSTBL upload time is 0ms  
0053 C. *****  
0054 C. EIS START OBSTBL LOAD  
0055 C. *****  
0056 . S. RAM ram-821:EIS_OBSTBL  
0057 (  
0058 +. DC 07-FC EIS_DUMP_OBSTBL  
0059 BC (07 07 07 00 00 70 00)  
0060 C.  
0061 C. Execute, after the success of OBSTBL upload.  
0062 C. Set EIS TI-commands  
0063 +. TI 2022-08-25 11:03:50.0  
0064 DC 07-FC EIS_MODE_CHG_ENA  
0065 BC (20)  
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP  
0067 C. *****  
0068 C. EIS END OBSTBL LOAD  
0069 C. *****  
0070 C.  
0071 . C. ***** MDP `ûÄîòí»ò¼YòÉÄß¹σÈDCBC•×²è *****  
0072 C. (¼á°íYÓYÁYÈYÉYáYçYèσÈ¼¼σ¼Ä»Û¹σè)  
0073 . S. DC-BC dcbc-402:DCBC  
0074 (MDP_known_event)  
0075 C.  
0076 C.  
0077 . C. ***** YDÿ!·Ï Daily±¿ÍÑσË`Øσ¹σÈDCBC•×²è *****  
0078 . S. DC-BC dcbc-153:DCBC  
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0080 C.  
0081 C.  
0082 . C. ;ãLOSÁY$YÁY~¼Ä»Û;ã  
0083 C.  
0084 . C. ***** LOS *****  
0085 C.
```



```

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 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 20 20)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 08)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 80 80 08 20)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 80 80 08 08)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0f 80 80 06 06)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 10 80 80 08 08)
0140 + DC 07-F0 MDP_XRT_FLD_ENA
0141 BC (d8)
0142 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0143 BC (c8)
0144 + DC 07-F0 MDP_XRT_ARS_DIS
0145 BC (d5)
0146 + DC 07-F0 MDP_XRT_AEC_RESET
0147 BC (d0)
0148 + DC 07-F0 MDP_XRT_FLD_RESET
0149 BC (da)
0150 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0151 BC (c4 06)
0152 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0153 BC (c5 04)
0154 . C. ----- Success Verify ? OK / NG ____
0155 C.
0156 C.
0157 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0158 C.
0159 +. DC 07-F0 MDP_XRT_MODE_OBSV
0160 BC (c2)
0161 +. TI 2022-08-25 11:03:02.0
0162 DC 07-F0 MDP_XRT_MODE_OBSV
0163 BC (c2)
0164 . C. ----- Success Verify ? OK / NG ____
0165 C.
0166 C. ***** XRT END *****
0167 . C. ===== Begin of AOCs CMD Sequence =====
0168 . C.
0169 . C. *****
0170 . C. ***** GASŶC;¼Ŷz¼èÈÀ¼Â»Û *****
0171 . C. *****
0172 . C.
0173 . C. *****
0174 . C. MDRV OFF
0175 . C. *****
0176 . C.
0177 . C. ***** GASŶâŶËŶz¼îñçá MTQ¼îÆººi»pÄã»ß *****
0178 +. DC 02-33 AOCU_MDRV-X_OFF
0179 +. DC 02-34 AOCU_MDRV-Y_OFF
0180 +. DC 02-35 AOCU_MDRV-Z_OFF
0181 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = OFF ?
0182 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = OFF ?
0183 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = OFF ?
0184 . C.
0185 . C.
0186 . C. jüŶC;¼Ŷz¼èÈÀ¼îñçá;çÌõlminÂÔµ;
0187 . C.
0188 . C. *****
0189 . C. MDRV ON
0190 . C. *****
0191 . C.
0192 . C. ***** MTQ¼îÆººE³« *****
0193 +. DC 02-32 AOCU_MDRV_ON

```

```
0194 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = ON ?
0195 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = ON ?
0196 . C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = ON ?
0197 . C.
0198 . C.
0199 . C. ===== End of AOCs CMD Sequence =====
0200 . C.
0201 . C.
0202 . C. ***** MDP 'úÃîî»ò¼ÝðËÂð¹æDCBC•x²è *****
0203 . C. (¼ã°îÝÓÝÃÝËÝÞÝËÝáÝçÝèæ¼ã¼Ã»Û¹æ)
0204 . S. DC-BC dcbc-402:DCBC
0205 (MDP_known_event)
0206 . C.
0207 . C.
0208 . C. ***** ÝÐÝ¹•İ Daily+¿İÑæÉ'Ø¹æDCBC•x²è *****
0209 . S. DC-BC dcbc-153:DCBC
0210 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0211 . C.
0212 . C.
0213 . C. ;ãLOSÝÁÝ§ÝÃÝ¬¼Ã»Û;ã
0214 . C.
0215 . C. ***** LOS *****
0216 . C.
```

*** OP Sequence for XRT ***

```

2022/08/25 11:13:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 11:13:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 11:13:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2022/08/25 11:13:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/08/25 11:13:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 11:13:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 11:13:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2022/08/25 11:14:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 00 b3 e8 01 db
2022/08/25 11:14:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2022/08/25 11:14:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2022/08/25 11:14:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2022/08/25 11:14:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2022/08/25 11:14:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2022/08/25 11:16:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/08/25 11:16:56.0 XRT_QT_PROG_SET_401_OG [0x191]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 13
2022/08/25 11:16:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2022/08/25 11:24:30.0 XRT_Custom_430_OG [0x1ae]
2022/08/25 11:25:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/08/25 11:33:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 11:33:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 11:33:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2022/08/25 11:33:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/08/25 11:36:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/08/25 11:50:00.0 XRT_Custom_430_OG [0x1ae]
2022/08/25 11:51:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/08/25 13:12:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 13:12:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 13:12:04.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2022/08/25 13:12:06.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/08/25 13:15:14.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/08/25 13:28:30.0 XRT_Custom_430_OG [0x1ae]
2022/08/25 13:29:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/08/25 14:50:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 14:50:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 14:50:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2022/08/25 14:50:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/08/25 14:53:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/08/25 15:07:30.0 XRT_Custom_430_OG [0x1ae]
2022/08/25 15:08:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/08/25 16:28:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 16:28:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 16:28:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2022/08/25 16:28:36.0 XRT_PREFLR_STRT_436_OG [0x1b4]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2022/08/25 16:31:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2022/08/25 16:59:00.0 XRT_Custom_430_OG [0x1ae]
2022/08/25 17:00:00.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2022/08/25 17:47:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2022/08/25 17:47:56.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00

```

Aug 25, 22 11:17

XRT_OGLIST_0541.chk

Page 2/9

2022/08/25	17:48:00.0	AOCS_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	00	00	00	00
2022/08/25	17:48:16.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9				
2022/08/25	17:48:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2022/08/25	17:48:20.0	XRT_ARS_DIS_404_OG [0x194] MDP_XRT_ARS_DIS	1	07-F0	d5				
2022/08/25	17:50:58.0	XRT_QT_PROG_SET_446_OG [0x1be] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2022/08/25	17:51:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/25	17:57:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	17:57:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	17:57:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2022/08/25	17:58:00.5	AOCS_OrE-point_Start_3_OG [0x099] AOCU_NM	5	02-76	01	03	e7	01	db
2022/08/25	17:58:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2022/08/25	17:58:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2022/08/25	17:58:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0				
2022/08/25	17:58:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2022/08/25	17:58:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/25	18:00:56.0	XRT_QT_PROG_SET_432_OG [0x1b0] MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2022/08/25	18:00:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2022/08/25	18:01:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/25	18:07:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	18:07:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	18:07:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/25	18:07:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/25	18:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/25	18:35:30.0	XRT_Custom_430_OG [0x1ae] XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
2022/08/25	18:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/25	19:45:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	19:45:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	19:45:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/25	19:45:36.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/25	19:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/25	20:12:30.0	XRT_Custom_430_OG [0x1ae] XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
2022/08/25	20:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/25	21:24:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	21:24:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	21:24:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/25	21:24:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/25	21:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/25	21:49:30.0	XRT_Custom_430_OG [0x1ae] XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
2022/08/25	21:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/25	23:02:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	23:02:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/25	23:02:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/25	23:02:06.0	XRT_PREFLR_STRT_436_OG [0x1b4] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/25	23:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/25	23:25:30.0	XRT_Custom_430_OG [0x1ae] XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0				
2022/08/25	23:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/26	00:40:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/26	00:40:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/26	00:40:34.0	XRT_FLD_RESET_415_OG [0x19f]							

2022/08/26	00:40:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/26	00:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/26	00:57:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/26	00:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/26	02:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	02:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	02:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/26	02:07:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/26	02:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/26	02:35:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/26	02:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
2022/08/26	02:59:56.0	XRT_FOCUS_POSITION	AOCS_ORe-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
2022/08/26	03:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2022/08/26	03:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2022/08/26	03:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2022/08/26	03:00:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/08/26	03:02:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2022/08/26	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/26	03:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	03:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	03:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2022/08/26	03:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	02 03 e7 01 db
2022/08/26	03:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2022/08/26	03:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/08/26	03:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2022/08/26	03:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2022/08/26	03:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/26	03:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2022/08/26	03:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/08/26	03:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/26	03:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	03:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	03:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/26	03:39:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/26	03:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/26	04:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/26	04:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	05:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	05:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	05:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/26	05:08:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/26	05:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/26	05:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/26	05:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/26	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_FOCUS_POSITION_406_OG [0x196]	4	07-F8	22 ff aa 00
2022/08/26	05:59:56.0	XRT_FOCUS_POSITION	AOCS_ORe-point_Start_2_OG [0x098]	5	02-76	00 00 00 00 00
2022/08/26	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00

2022/08/26	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/08/26	06:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/08/26	06:00:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/08/26	06:02:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2022/08/26	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2022/08/26	06:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01	03 e7 01 db
2022/08/26	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/08/26	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/08/26	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/08/26	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/08/26	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	06:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2022/08/26	06:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/08/26	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	06:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	06:48:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	06:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	06:48:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	06:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	07:30:00.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	07:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	08:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	08:29:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	08:29:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	08:29:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	08:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	08:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	08:52:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	08:52:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	08:52:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	08:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	09:08:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	09:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	10:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	10:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	10:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	10:08:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	10:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	10:27:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	10:28:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	10:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	10:31:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	10:31:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	10:31:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	10:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

2022/08/26	10:47:00.0	XRT_Custom_430_OG [0x1ae]								
2022/08/26	10:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2022/08/26	11:51:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	11:51:32.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	11:51:34.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2022/08/26	11:51:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2022/08/26	11:52:00.0	XRT_Custom_430_OG [0x1ae]								
2022/08/26	11:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2022/08/26	11:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2022/08/26	12:09:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	12:09:32.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	12:09:34.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2022/08/26	12:09:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2022/08/26	12:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2022/08/26	12:14:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	12:14:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	12:14:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00					
2022/08/26	12:15:00.0	AOCS_Ore-point_Start_2_OG [0x098]								
		AOCU_NM	5	02-76	00 00 00 00 00					
2022/08/26	12:15:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2022/08/26	12:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2022/08/26	12:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2022/08/26	12:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2022/08/26	12:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2022/08/26	12:17:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e					
2022/08/26	12:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04					
2022/08/26	12:25:30.0	XRT_Custom_430_OG [0x1ae]								
2022/08/26	12:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2022/08/26	13:48:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	13:48:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	13:48:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2022/08/26	13:48:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2022/08/26	13:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2022/08/26	13:54:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	13:54:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	13:54:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2022/08/26	13:55:00.0	AOCS_ORe-point_Start_3_OG [0x099]								
		AOCU_NM	5	02-76	01 03 e7 01 db					
2022/08/26	13:55:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2022/08/26	13:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2022/08/26	13:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2022/08/26	13:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2022/08/26	13:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2022/08/26	13:57:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09					
2022/08/26	13:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04					
2022/08/26	14:03:30.0	XRT_Custom_430_OG [0x1ae]								
2022/08/26	14:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2022/08/26	15:26:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	15:26:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2022/08/26	15:26:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2022/08/26	15:26:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]								

2022/08/26	15:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	15:46:00.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	15:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	17:04:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	17:04:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	17:04:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	17:04:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	17:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	17:33:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	17:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	18:03:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	18:03:56.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/08/26	18:04:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2022/08/26	18:04:16.0	XRT_FLD_DIS_409_OG [0x199]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2022/08/26	18:04:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2022/08/26	18:04:20.0	XRT_ARS_DIS_404_OG [0x194]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/08/26	18:06:58.0	XRT_QT_PROG_SET_446_OG [0x1be]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2022/08/26	18:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	18:13:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	18:13:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	18:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2022/08/26	18:14:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	01 03 e7 01 db	
2022/08/26	18:14:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/08/26	18:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/08/26	18:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/08/26	18:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/08/26	18:14:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	18:16:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2022/08/26	18:16:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2022/08/26	18:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	18:43:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	18:43:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	18:43:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	18:43:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	18:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	19:10:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	19:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	20:21:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	20:21:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	20:21:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	20:21:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	20:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	20:29:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	20:29:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	20:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2022/08/26	20:30:00.0	AOCS_ORe-point_Start_5_OG [0x09b]					
			AOCU_NM	5	02-76	00 16 35 b1 cb	
2022/08/26	20:30:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/08/26	20:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					

2022/08/26	20:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/08/26	20:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/08/26	20:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	20:32:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2022/08/26	20:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/08/26	20:47:00.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	20:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	22:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	22:00:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	22:00:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	22:00:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	22:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	22:24:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/26	22:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/26	23:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	23:38:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/26	23:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/26	23:38:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/26	23:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/26	23:59:00.0	XRT_Custom_430_OG [0x1ae]					
2022/08/27	00:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/27	00:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/27	00:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/27	00:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2022/08/27	01:00:00.5	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01 03	e7 01 db
2022/08/27	01:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2022/08/27	01:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2022/08/27	01:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2022/08/27	01:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2022/08/27	01:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/27	01:02:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2022/08/27	01:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2022/08/27	01:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/27	01:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/27	01:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/27	01:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/27	01:15:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/27	01:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/27	01:32:00.0	XRT_Custom_430_OG [0x1ae]					
2022/08/27	01:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/27	02:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/27	02:39:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/27	02:39:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2022/08/27	02:39:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2022/08/27	02:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2022/08/27	03:10:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/27	03:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2022/08/27	03:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2022/08/27	03:14:56.0	XRT_FOCUS_POSITION_406_OG [0x196]					

2022/08/27	03:15:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	00	00	00
2022/08/27	03:15:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2022/08/27	03:15:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2022/08/27	03:15:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2022/08/27	03:17:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2022/08/27	03:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2022/08/27	03:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	03:24:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	03:24:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2022/08/27	03:25:00.0	AOCS_Or-e-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	02	03	e7	01
2022/08/27	03:25:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2022/08/27	03:25:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2022/08/27	03:25:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2022/08/27	03:25:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2022/08/27	03:25:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2022/08/27	03:27:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2022/08/27	03:27:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2022/08/27	03:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2022/08/27	04:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	04:14:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	04:14:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2022/08/27	04:14:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2022/08/27	04:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2022/08/27	04:48:30.0	XRT_Custom_430_OG [0x1ae]							
2022/08/27	04:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2022/08/27	05:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	05:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	05:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2022/08/27	05:44:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2022/08/27	05:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2022/08/27	06:26:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	06:26:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2022/08/27	06:27:00.0	AOCS_Or-e-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00
2022/08/27	06:27:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2022/08/27	06:27:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2022/08/27	06:27:20.0	XRT_ARS_DIS_404_OG [0x194]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2022/08/27	06:29:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2022/08/27	06:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2022/08/27	06:36:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	06:36:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2022/08/27	06:36:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2022/08/27	06:37:00.0	AOCS_Or-e-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	01	03	e7	01
2022/08/27	06:37:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2022/08/27	06:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2022/08/27	06:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2022/08/27	06:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2022/08/27	06:37:26.0	XRT_FLD_RESET_434_OG [0x1b2]							

2022/08/27	06:39:56.0	XRT_QT_PROG_SET_432_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2022/08/27	06:39:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2022/08/27	06:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/27	07:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	07:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	07:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/27	07:24:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/27	07:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/27	07:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	07:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	07:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/27	07:50:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/27	07:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/27	08:05:30.0	XRT_Custom_430_OG [0x1ae]								
2022/08/27	08:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/27	09:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	09:04:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	09:04:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/27	09:04:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/27	09:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/27	09:26:30.0	XRT_Custom_430_OG [0x1ae]								
2022/08/27	09:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/27	09:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	09:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	09:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/27	09:28:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/27	09:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/27	09:44:00.0	XRT_Custom_430_OG [0x1ae]								
2022/08/27	09:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/27	10:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	10:45:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	10:45:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/27	10:45:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/27	10:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/27	11:00:30.0	XRT_Custom_430_OG [0x1ae]								
2022/08/27	11:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/27	11:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	11:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	11:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2022/08/27	11:07:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2022/08/27	11:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2022/08/27	11:22:00.0	XRT_Custom_430_OG [0x1ae]								
2022/08/27	11:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2022/08/27	11:35:00.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2022/08/27	11:51:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00