

XRT Timeline to be uploaded on 2023/10/24

Period: 2023/10/24 10:26:00 - 2023/10/28 11:06:00

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Normal mode

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XOB #1C22: AR Standard-B(Morphology) with PFB, thin-Be 384x384 at 1064 1048, 120s-cad, G-band (1ms/1ms VLS=CLS)													
Term		Pointing (x, y)				Comment							
10/24 10:43:00 - 10/24 11:29:54		Track (115.5, 299.9) @ 10/24 10:36:00				# OP start + 10min + HOP 442 (AR obs)							
PROG= 01 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 1-time(s) 2.0sec													
└─ Seqn= 89 70-time(s) 120.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	12.5sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	12.5sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	12.5sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	12.5sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1D02: HOP472 CH (Al/poly) - 450s cad - 16s exp - FOV384													
Term		Pointing (x, y)				Comment							
10/24 11:33:00 - 10/24 16:44:54		Track (-520.2, 66.0) @ 10/24 11:30:00				HOP 472 (SPICE_Compositions)							
10/24 16:58:00 - 10/25 03:59:54		Track (-477.3, 64.1) @ 10/24 16:55:00				HOP 472 (SPICE_Dynamics + SPICE_Compositions)							
10/25 06:26:30 - 10/25 17:19:54		Track (-365.4, 60.3) @ 10/25 06:23:30				HOP 472 (SPICE_Dynamics + SPICE_Compositions)							
10/25 17:33:00 - 10/26 03:59:54		Track (-268.7, 58.2) @ 10/25 17:30:00				HOP 472 (SPICE_Dynamics + SPICE_Compositions)							
10/26 05:57:30 - 10/26 10:55:00		Track (-157.2, 57.0) @ 10/26 05:54:30				HOP 472 (SPICE_Dynamics)							
PROG= 13 Inf.-time(s)													
└─ Subr= 1 1-time(s) 450.0sec													
└─ Seqn= 62 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1024, 1024)	DPCM	0	0	2.0sec
└─ Subr= 2 1-time(s) 450.0sec													
└─ Seqn= 61 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1024, 1024)	DPCM	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1CEE: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(512/8192/32768), Med-Be(128/576)												
Term		Pointing (x, y)				Comment						
10/24 16:48:00 - 10/24 16:54:54		Fixed (0.0, 0.0)				synoptic						
10/25 06:16:30 - 10/25 06:23:24		Fixed (0.0, 0.0)				HOP 349 + synoptic						
10/25 17:23:00 - 10/25 17:29:54		Fixed (0.0, 0.0)				synoptic						
10/26 05:47:30 - 10/26 05:54:24		Fixed (0.0, 0.0)				HOP 349 + synoptic						

PROG= 17 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= 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
└─ Seqn= 23 1-time(s) 4.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 41 1-time(s) 2.0sec													
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─ Seqn= 17 1-time(s) 2.0sec													
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 33 1-time(s) 2.0sec													
	med-Be/Open	Open/thick-Al	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 56 1-time(s) 2.0sec												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #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
10/25 04:03:00 - 10/25 06:13:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
10/26 04:03:00 - 10/26 05:44:24	Fixed (0.0, 0.0)	HOP 349 + synoptic

PROG= 05 Inf-time(s)

Subr= 1 1-time(s) 300.0sec												
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= 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 20-time(s) 900.0sec												
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= 74 1-time(s) 2.0sec												
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
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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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
10/24 10:43:00 - 10/24 11:29:54	Track (115.5, 299.9) @ 10/24 10:36:00	# OP start + 10min + HOP 442 (AR obs)
10/24 11:33:00 - 10/24 16:44:54	Track (-520.2, 66.0) @ 10/24 11:30:00	HOP 472 (SPICE_Compositions)
10/24 16:58:00 - 10/25 03:59:54	Track (-477.3, 64.1) @ 10/24 16:55:00	HOP 472 (SPICE_Dynamics + SPICE_Compositions)
10/25 04:03:00 - 10/25 06:13:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
10/25 06:26:30 - 10/25 17:19:54	Track (-365.4, 60.3) @ 10/25 06:23:30	HOP 472 (SPICE_Dynamics + SPICE_Compositions)
10/25 17:33:00 - 10/26 03:59:54	Track (-268.7, 58.2) @ 10/25 17:30:00	HOP 472 (SPICE_Dynamics + SPICE_Compositions)
10/26 04:03:00 - 10/26 05:44:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
10/26 05:57:30 - 10/26 10:55:00	Track (-157.2, 57.0) @ 10/26 05:54:30	HOP 472 (SPICE_Dynamics)

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	

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Active Region Search

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NOT USED

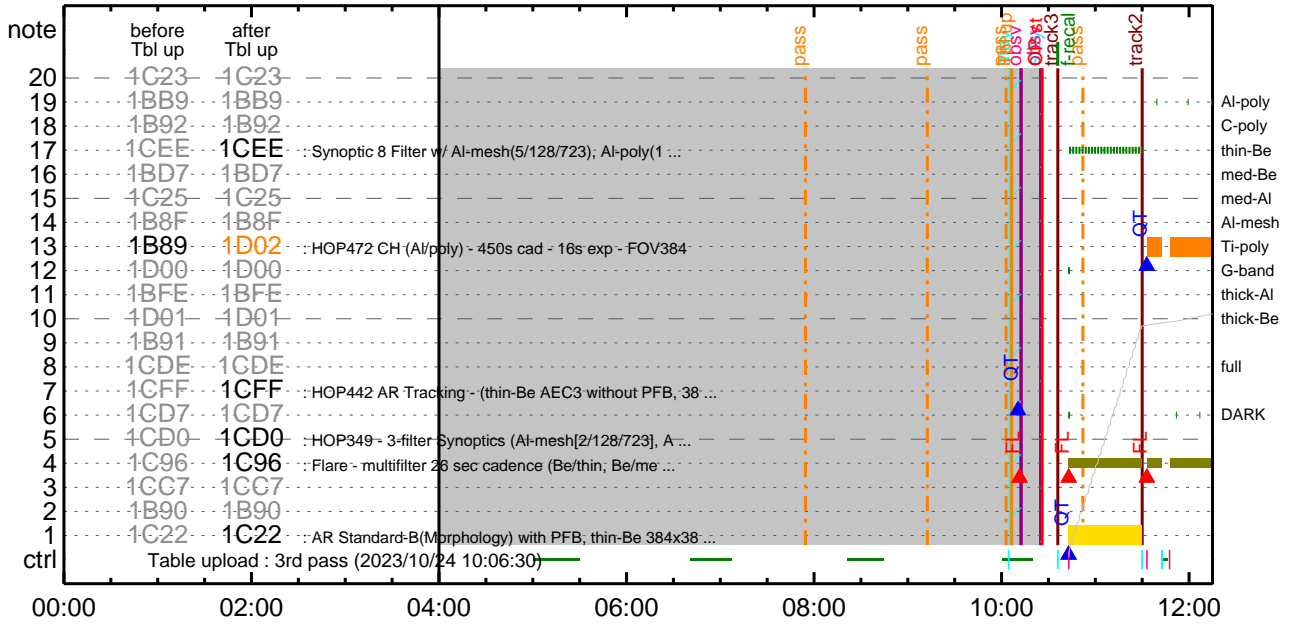
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Flare Detection

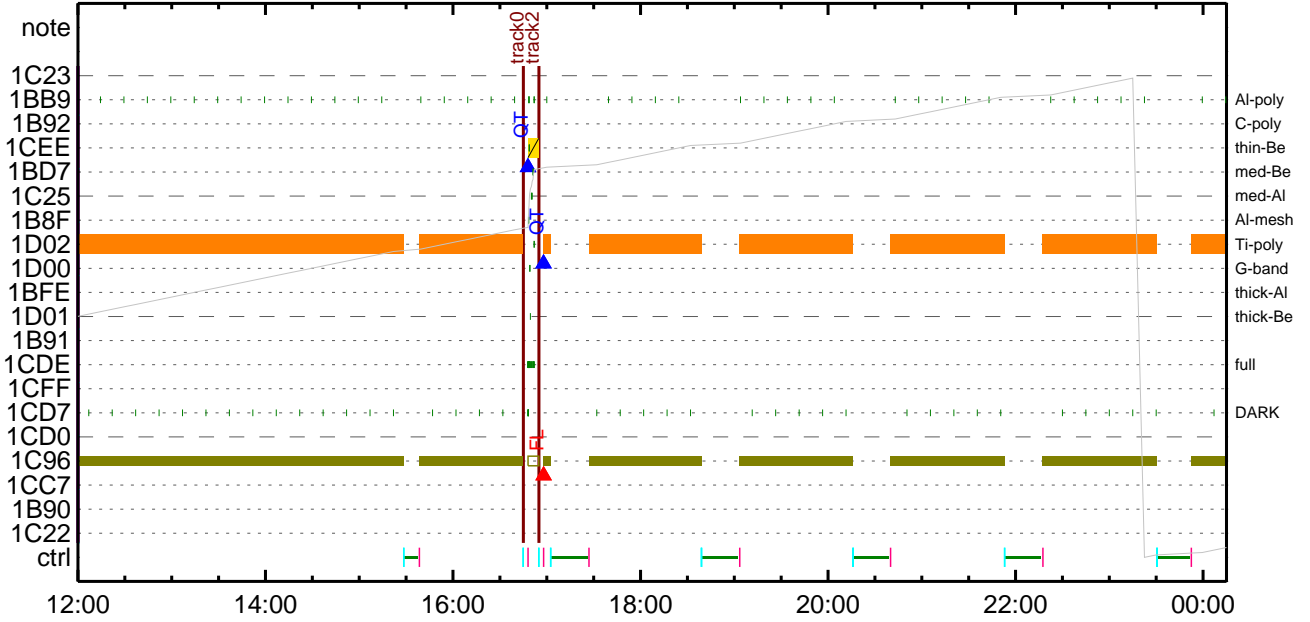
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FLD Patrol												
Term		Pointing (x, y)						Comment				
10/24 10:07:30 - 10/24 16:45:18		cannot be identified										
10/24 16:55:18 - 10/25 06:13:48		Track (-477.3, 64.1)		① 10/24 16:55:00		HOP 472 (SPICE_Dynamics + SPICE_Compositions)						
10/25 06:23:48 - 10/25 17:20:18		Track (-365.4, 60.3)		① 10/25 06:23:30		HOP 472 (SPICE_Dynamics + SPICE_Compositions)						
10/25 17:30:18 - 10/26 05:44:48		Track (-268.7, 58.2)		① 10/25 17:30:00		HOP 472 (SPICE_Dynamics + SPICE_Compositions)						
10/26 05:54:48 - 10/28 11:06:00		Track (-157.2, 57.0)		① 10/26 05:54:30		HOP 472 (SPICE_Dynamics)						
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	

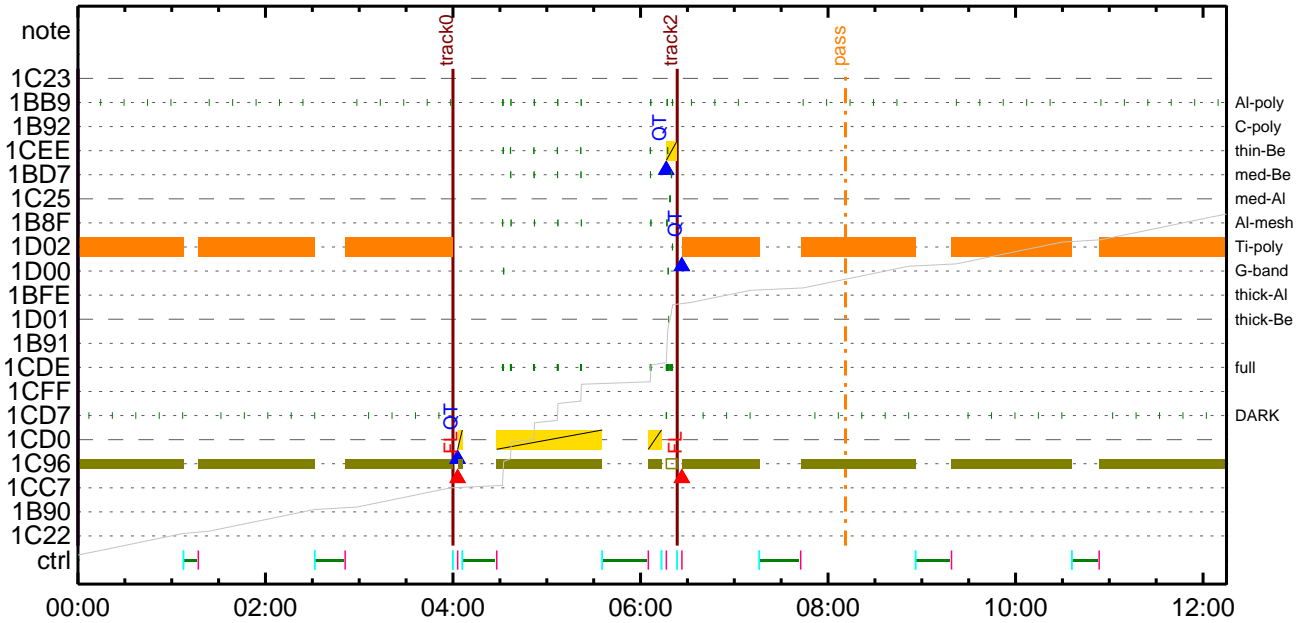
CMDI #0411 2023/10/24



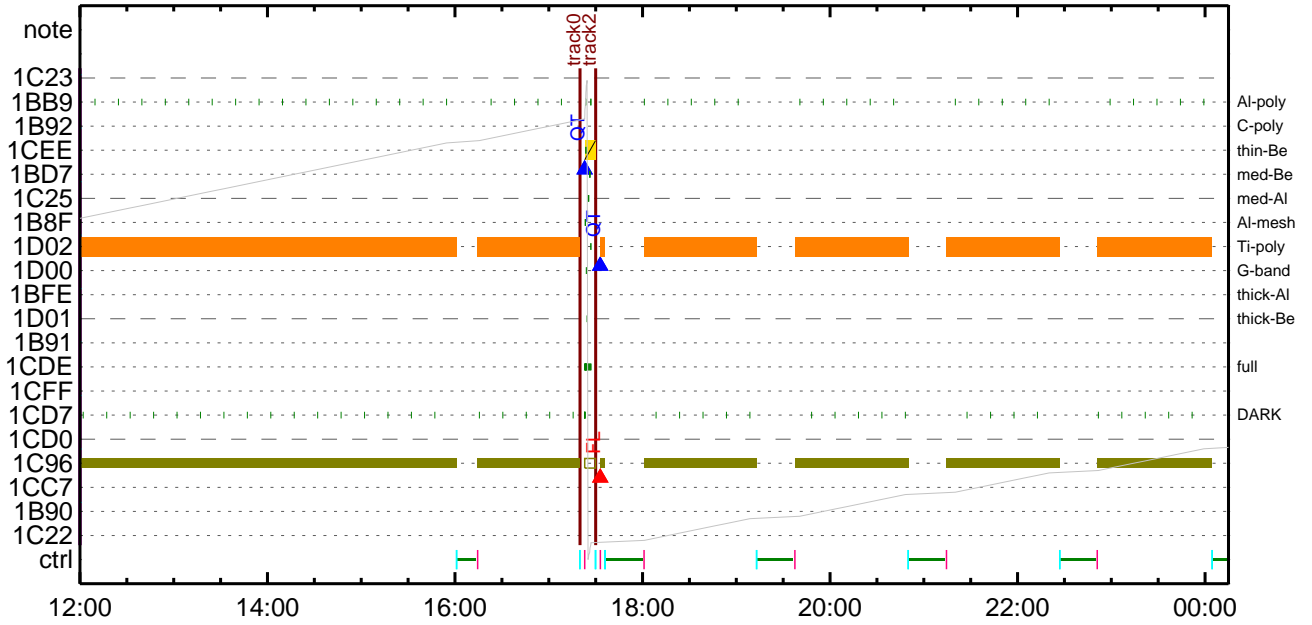
CMDI #0411 2023/10/24



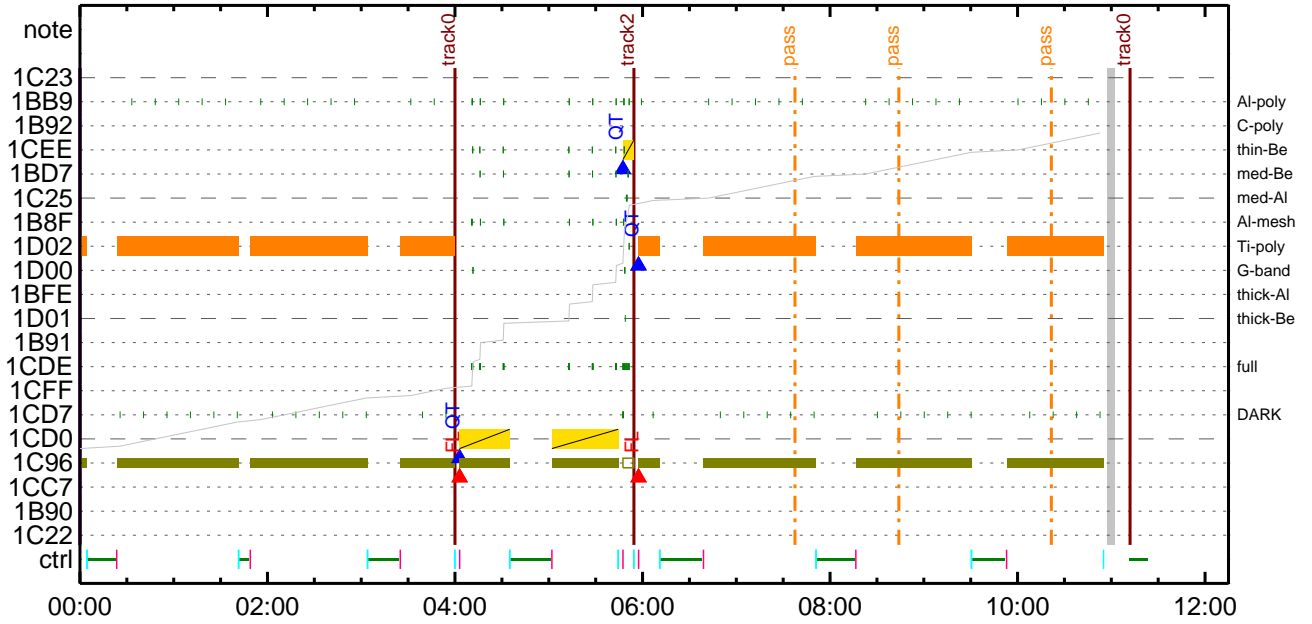
CMDI #0411 2023/10/25



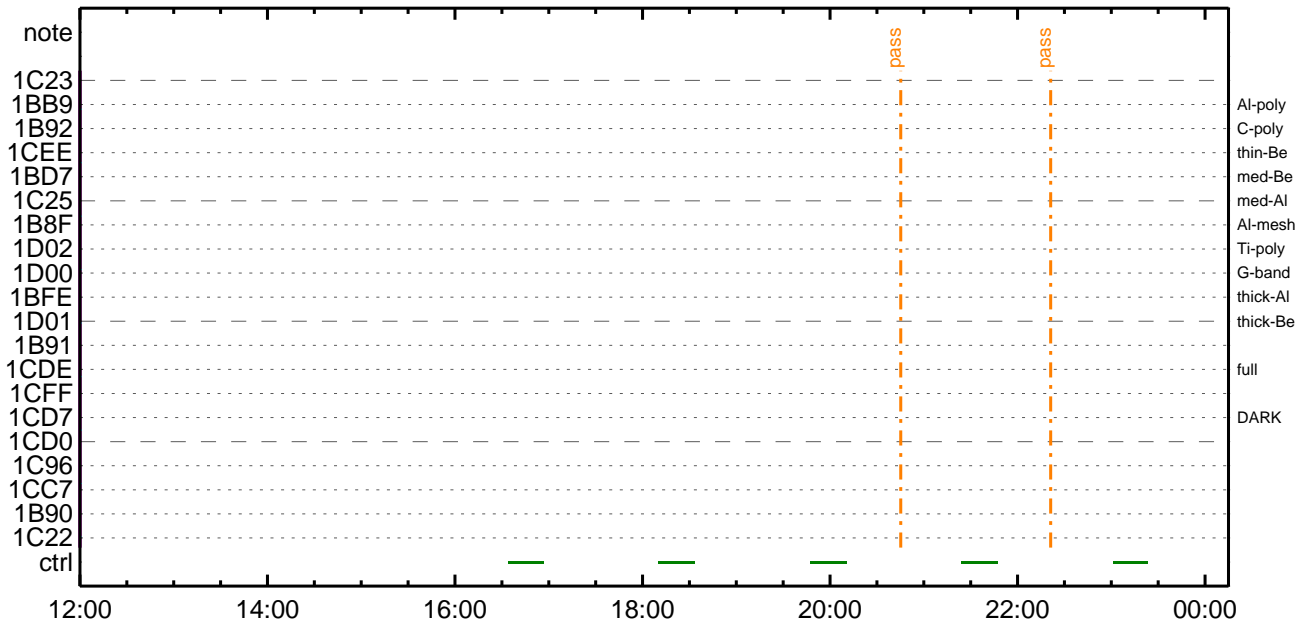
CMDI #0411 2023/10/25



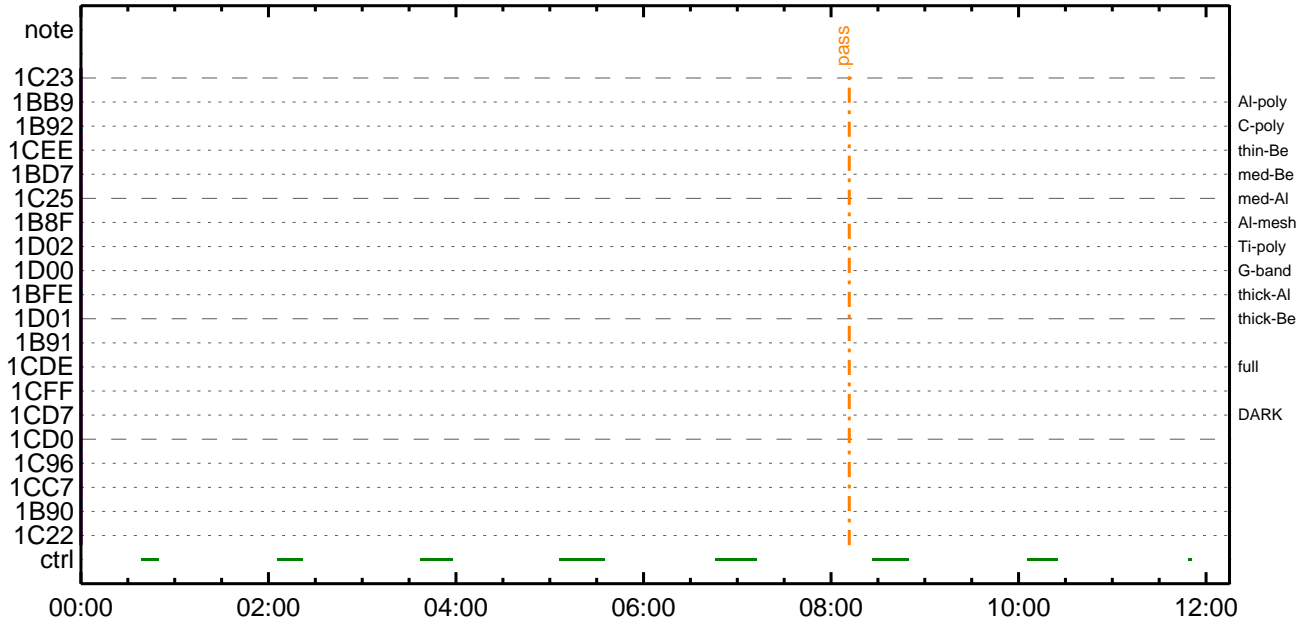
CMDI #0411 2023/10/26



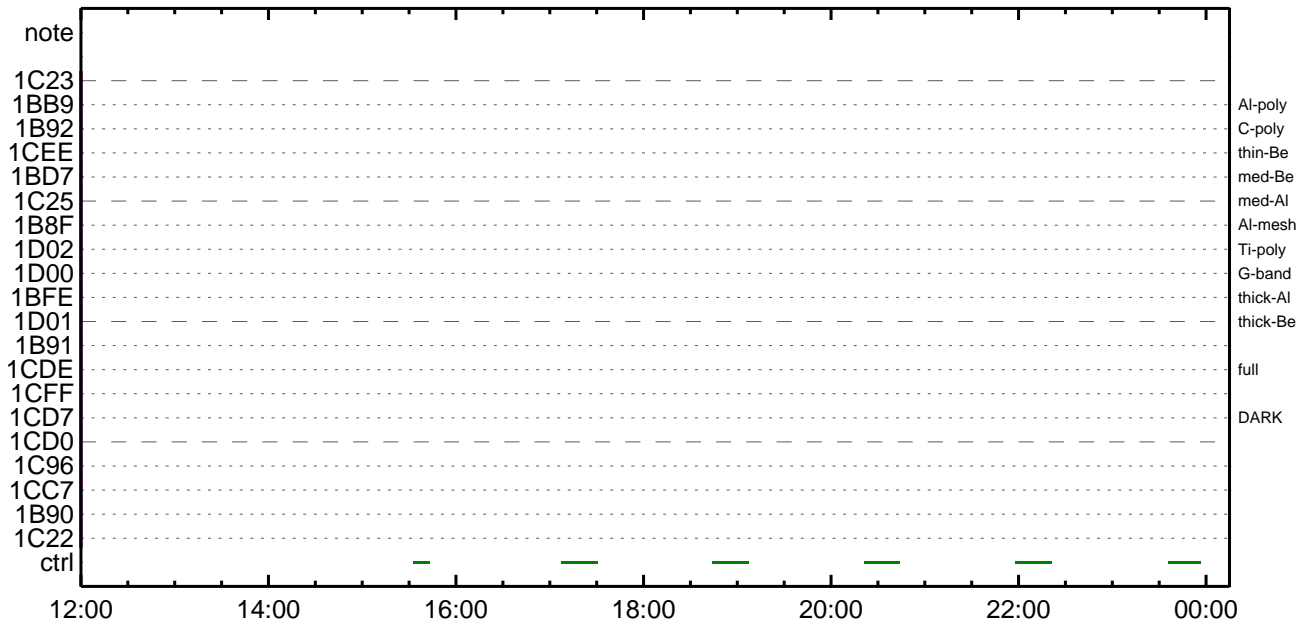
CMDI #0411 2023/10/26



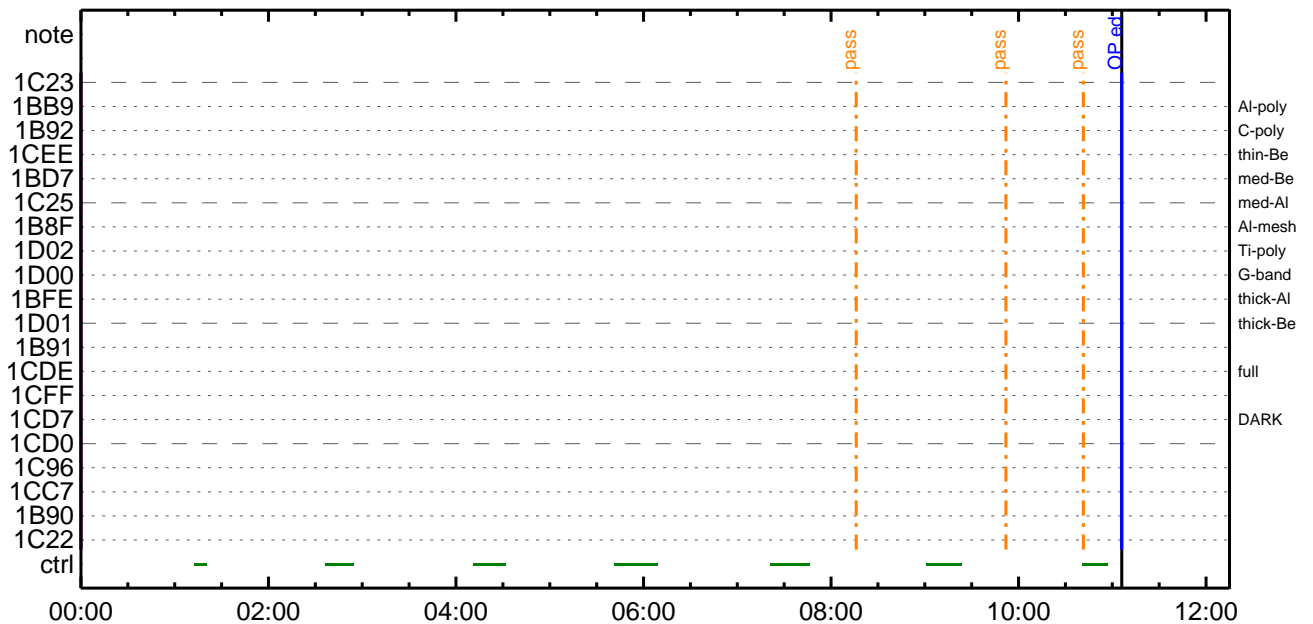
CMDI #0411 2023/10/27

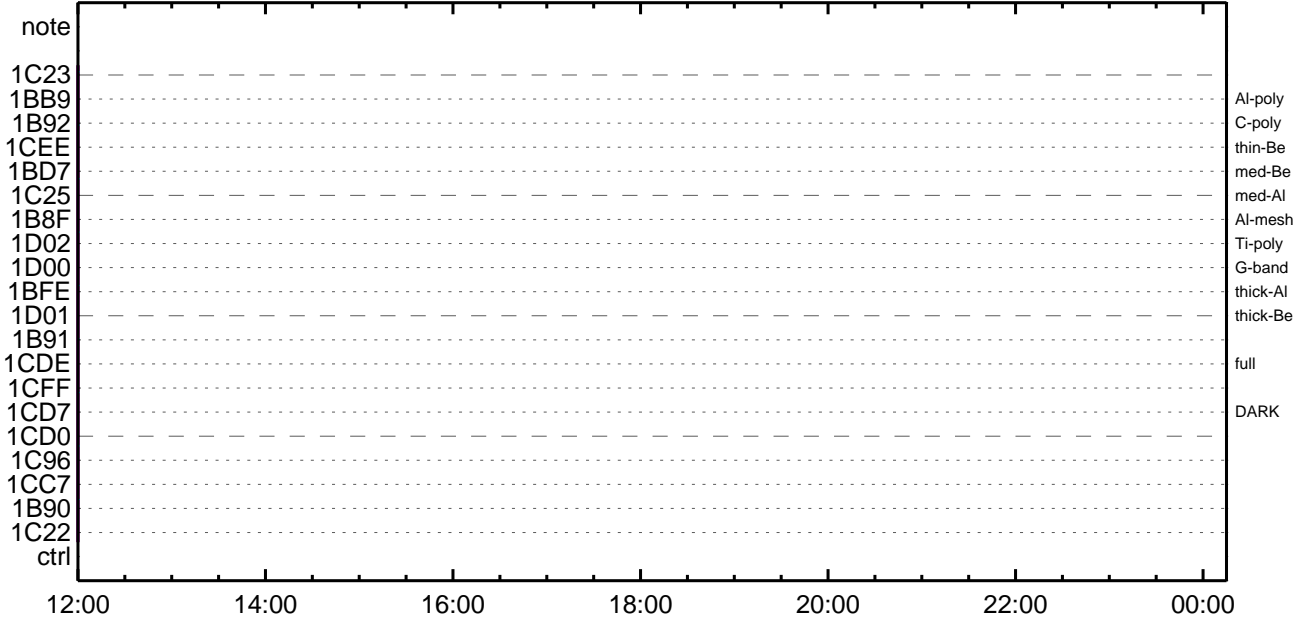


CMDI #0411 2023/10/27



CMDI #0411 2023/10/28






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0096 C.                0B00; cSET0EDUMPAI±°iYNY¹0ç¹0a|0³0E; f
0097 C.
0098 . C. TIY³YFYOYEòdÀDİđ (UT)
0099 +. TI 2023-10-24 10:21:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                cç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0102 C.
0103 +. TI 2023-10-24 10:21:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                cç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0106 C.
0107 +. TI 2023-10-24 10:21:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                cç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0110 C.
0111 +. TI 2023-10-24 10:25:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                cç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0114 C.
0115 C. °E²¼0İÄê%îİñ0İYÁYŞYÄY-¹àİÜ
0116 C.                cç[HK1_TI_CMD_ENA/DIS]        EQ      ENA
0117 C.                cç[HK1_TI_CMD_NUM]          EQ      4
0118 C.                cç[HK1_NEXT_EXEC_PIM]        EQ      DHU
0119 C.                cç[HK1_NEXT_EXEC_DC]        EQ      0xB3
0120 C.
0121 . C. *****
0122 C. TIİİî°èYÄYÓY×
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.                cç[HK1_DMP_TOP_ADRS_1]        EQ      07
0129 C.                cç[HK1_DMP_TOP_ADRS_0]        EQ      2B
0130 C.                cç[HK1_DMP_BLOCK_NUM]        EQ      3
0131 C.                cç[HK1_DMP_REPEAT_NUM]       EQ      0
0132 C.                cç[HK1_DMA_DMP_PIM]         EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                cç[HK1_PKT_FORM_NO]          EQ      7
0136 C.                cç[HK1_PKT_GEN_TIME]         EQ      0.25 s
0137 C.                cç[HK1_S_TLM_BIT_RATE]       EQ      32k
0138 C.                cç[HK1_X_TLM_BIT_RATE]      EQ      4M
0139 C.                cç[HK1_DMP_CHK_FLG]         EQ      EXEC
0140 C.
0141 . C. YÄYÓY×¼¾¹î»0d³İÇŞ
0142 C.                cç[HK1_DMP_CHK_FLG]         EQ      NON
0143 C.
0144 . C. RAM ID=TI_TBL0İ%È¹ç•è²İOK0d³İÇŞ
0145 C.
0146 . C. DHUYâ;¼YÉ;È¼Y¾, Yî;¼YÈ;È0dİã0¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                cç[HK1_PKT_FORM_NO]          EQ      2
0150 C.                cç[HK1_PKT_GEN_TIME]         EQ      0.5S
0151 C.                cç[HK1_S_TLM_BIT_RATE]       EQ      32K
0152 C.                cç[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 2023-10-24 10:25:00.0
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 2023-10-24 10:25:30.0
0170 DC 07-FC EIS_MODE_MANU
0171 BC (21 02)
0172 +. TI 2023-10-24 10:25:40.0
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. SOT TI command set
0181 C. *****
0182 C. Execute, after the success of OP upload.
0183 +. TI 2023-10-24 10:25:16.0
0184 DC 07-F0 MDP_SOT_MODE_STBY
0185 BC (41)
0186 . C. -----
0187 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0188 C. -----
0189 C. ***** SOT END *****
0190 C.
0191 . C. ***** MDP `ûÄİñİ»ö¼YòÈÄD0¹0èDCBC•×²è *****
0192 C. (%â°İYÓYÄYÈYÞYÈYÁYçYè0E¼¼0¼¼Ä»Ü0¹0é)
0193 . S. DC-BC dcbc-402:DCBC
```

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-180 2023-10-24 11:25:47 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èα¿αΑα•μ°È»Í×ÁÇαÍYçYÁY×Yí;¼YÉ;ÈÈè%μ•ííÉ;ÈαÈ¼°ÇÔα•α¿¼í¹çαÍ;çÁ®, ùα¹αèαBαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-287:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2023-10-24 10:25:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 80 80 06 06)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 20)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 20 08)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 80 08 20)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 80 80 08 08)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 +. DC 07-F0 MDP_XRT_FLD_ENA
0091 BC (d8)
0092 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0093 BC (c8)
0094 +. DC 07-F0 MDP_XRT_ARS_DIS
0095 BC (d5)
```


*** OP Sequence for XRT ***

```

2023/10/24 10:35:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 10:35:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 10:35:58.0 XRT_FOCUS_RECALIBRATE_405_OG [0x195]
                        XRT_FOCUS_RECAL 2 07-F8 78 00
2023/10/24 10:36:00.0 AOCS_Ore-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 03 03 ce 01 f3
2023/10/24 10:39:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2023/10/24 10:40:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2023/10/24 10:40:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2023/10/24 10:40:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2023/10/24 10:40:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2023/10/24 10:40:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/10/24 10:42:56.0 XRT_QT_PROG_SET_447_OG [0x1bf]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 01
2023/10/24 10:42:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2023/10/24 10:43:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/10/24 11:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 11:29:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 11:29:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2023/10/24 11:30:00.0 AOCS_Ore-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 02 03 ce 01 f3
2023/10/24 11:30:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2023/10/24 11:30:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2023/10/24 11:30:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2023/10/24 11:30:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2023/10/24 11:30:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/10/24 11:32:56.0 XRT_QT_PROG_SET_403_OG [0x193]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0d
2023/10/24 11:32:58.0 XRT_FL_PROG_SET_418_OG [0x1a2]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 04
2023/10/24 11:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/10/24 11:42:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 11:42:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 11:42:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/10/24 11:42:36.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2023/10/24 11:45:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2023/10/24 11:46:30.0 XRT_Custom_430_OG [0x1ae]
2023/10/24 11:47:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/10/24 15:28:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 15:28:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 15:28:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2023/10/24 15:28:36.0 XRT_PREFLR_STRT_431_OG [0x1af]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2023/10/24 15:31:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2023/10/24 15:37:30.0 XRT_Custom_430_OG [0x1ae]
2023/10/24 15:38:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2023/10/24 16:44:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 16:44:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2023/10/24 16:44:58.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2023/10/24 16:45:00.0 AOCS_Ore-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 00 00 00 00 00
2023/10/24 16:45:18.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2023/10/24 16:45:20.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2023/10/24 16:45:22.0 XRT_ARS_DIS_435_OG [0x1b3]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2023/10/24 16:47:58.0 XRT_QT_PROG_SET_416_OG [0x1a0]

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2023/10/24	16:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/24	16:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	16:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	16:54:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2023/10/24	16:55:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 ce	01 f3
2023/10/24	16:55:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/10/24	16:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/10/24	16:55:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/10/24	16:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/10/24	16:55:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/24	16:57:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
2023/10/24	16:57:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2023/10/24	16:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/24	17:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	17:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	17:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/24	17:02:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/24	17:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/24	17:26:00.0	XRT_Custom_430_OG [0x1ae]					
2023/10/24	17:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/24	18:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	18:39:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	18:39:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/24	18:39:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/24	18:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/24	19:02:30.5	XRT_Custom_430_OG [0x1ae]					
2023/10/24	19:03:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/24	20:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	20:16:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	20:16:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/24	20:16:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/24	20:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/24	20:39:00.0	XRT_Custom_430_OG [0x1ae]					
2023/10/24	20:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/24	21:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	21:53:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	21:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/24	21:53:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/24	21:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/24	22:16:30.0	XRT_Custom_430_OG [0x1ae]					
2023/10/24	22:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/24	23:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	23:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/24	23:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/24	23:30:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/24	23:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/24	23:51:30.0	XRT_Custom_430_OG [0x1ae]					
2023/10/24	23:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	01:07:30.0	XRT_CTRL_MANU_400_OG [0x190]					

2023/10/25	01:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	01:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	01:07:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/25	01:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/25	01:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/25	01:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	02:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	02:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	02:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	02:31:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/25	02:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/25	02:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/25	02:51:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	04:00:00.0	AOCS_Or-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/10/25	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/10/25	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/10/25	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/10/25	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/10/25	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/10/25	04:02:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/25	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2023/10/25	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/10/25	04:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	04:06:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	04:06:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	04:06:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/25	04:06:06.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/25	04:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/25	04:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/25	04:28:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	05:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	05:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	05:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	05:35:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/25	05:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/25	06:04:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/25	06:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/25	06:13:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	06:13:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	06:13:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/25	06:13:48.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/10/25	06:13:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/10/25	06:13:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/10/25	06:16:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/10/25	06:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2023/10/25	06:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/25	06:23:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2023/10/25	06:23:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	06:23:28.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2023/10/25	06:23:30.0	AOCS_ORe-point_Start_2_OG [0x098] AOCU_NM	5	02-76	02 03 ce 01 f3
2023/10/25	06:23:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2023/10/25	06:23:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2023/10/25	06:23:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2023/10/25	06:23:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2023/10/25	06:23:56.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2023/10/25	06:26:26.0	XRT_QT_PROG_SET_403_OG [0x193] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2023/10/25	06:26:28.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2023/10/25	06:26:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/10/25	07:16:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	07:16:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	07:16:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2023/10/25	07:16:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/10/25	07:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/10/25	07:41:30.0	XRT_Custom_430_OG [0x1ae]			
2023/10/25	07:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/10/25	08:56:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	08:56:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	08:56:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2023/10/25	08:56:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/10/25	08:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/10/25	09:18:01.0	XRT_Custom_430_OG [0x1ae]			
2023/10/25	09:19:01.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/10/25	10:36:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	10:36:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	10:36:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2023/10/25	10:36:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/10/25	10:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/10/25	10:52:30.0	XRT_Custom_430_OG [0x1ae]			
2023/10/25	10:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/10/25	16:01:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	16:01:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	16:01:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2023/10/25	16:01:06.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2023/10/25	16:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2023/10/25	16:13:30.0	XRT_Custom_430_OG [0x1ae]			
2023/10/25	16:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/10/25	17:19:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	17:19:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2023/10/25	17:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2023/10/25	17:20:00.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00
2023/10/25	17:20:18.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2023/10/25	17:20:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2023/10/25	17:20:22.0	XRT_ARS_DIS_435_OG [0x1b3] MDP_XRT_ARS_DIS	1	07-F0	d5
2023/10/25	17:22:58.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2023/10/25	17:23:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2023/10/25	17:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			

2023/10/25	17:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	17:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	17:30:00.0	AOCs_Orе-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2023/10/25	17:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02	03	ce	01 f3
2023/10/25	17:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/10/25	17:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/10/25	17:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/10/25	17:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/10/25	17:32:56.0	XRT_QT_PROG_SET_403_OG [0x193]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/10/25	17:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2023/10/25	17:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2023/10/25	17:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/10/25	17:36:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	17:36:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	17:36:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/10/25	17:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/10/25	18:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/10/25	18:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2023/10/25	19:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/10/25	19:13:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/10/25	19:13:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	19:13:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	19:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/10/25	19:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/10/25	19:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/10/25	20:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/10/25	20:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/10/25	20:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	20:50:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	20:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/10/25	21:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/10/25	21:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/10/25	22:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]						
2023/10/25	22:27:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/10/25	22:27:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/10/25	22:27:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	22:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/25	22:50:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/10/25	22:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/10/26	00:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/10/26	00:04:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]						
2023/10/26	00:04:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2023/10/26	00:04:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/10/26	00:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/10/26	00:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da			
2023/10/26	00:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/10/26	01:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/10/26	01:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]						
2023/10/26	01:41:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]						

2023/10/26	01:41:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	01:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/26	01:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/26	01:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	03:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	03:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	03:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	03:04:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/26	03:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/26	03:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	03:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/10/26	04:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/10/26	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/10/26	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/10/26	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/10/26	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/10/26	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	04:02:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2023/10/26	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2023/10/26	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	04:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	04:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	04:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	04:35:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/26	04:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/26	05:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	05:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	05:44:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	05:44:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	05:44:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/10/26	05:44:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/10/26	05:44:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/10/26	05:44:52.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/10/26	05:47:28.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2023/10/26	05:47:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	05:54:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2023/10/26	05:54:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	02 03 ce 01 f3	
2023/10/26	05:54:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2023/10/26	05:54:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2023/10/26	05:54:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2023/10/26	05:54:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/10/26	05:54:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	05:57:26.0	XRT_QT_PROG_SET_403_OG [0x193]					

2023/10/26	05:57:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2023/10/26	05:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	06:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	06:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	06:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	06:11:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/26	06:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/26	06:38:00.0	XRT_Custom_430_OG [0x1ae]					
2023/10/26	06:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	07:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	07:51:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	07:51:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	07:51:06.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/26	07:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/26	08:15:30.0	XRT_Custom_430_OG [0x1ae]					
2023/10/26	08:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	09:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	09:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	09:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/10/26	09:30:36.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/10/26	09:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/10/26	09:52:00.0	XRT_Custom_430_OG [0x1ae]					
2023/10/26	09:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/10/26	10:55:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/10/26	11:12:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00