

XRT Timeline to be uploaded on 2022/08/13

Period: 2022/08/13 10:33:00 - 2022/08/18 10:46:00

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Normal mode

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XOB #1CC3: HOP361 - High cadence (10s thin-Be only) 256x256 at 1064 1048														
Term		Pointing (x, y)					Comment							
08/13 11:21:00 - 08/13 17:31:00		Track (408.2, -397.0) @ 08/13 10:43:00					# OP start + 10min + AR obs							
08/13 18:18:00 - 08/14 03:59:54		Track (465.1, -393.4) @ 08/13 18:15:00					AR obs							
PROG= 17 Inf.-time(s)														
Subr= 1		1-time(s)		2.0sec										
Seqn= 12		1-time(s)		2.0sec										
Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	256x256 (1064, 1048)		DPCM	0	0	2.0sec
Open/G-band		Open/G-band	close	Safe	Norm	1ms	Obs	1x1	256x256 (1064, 1048)		DPCM	0	0	2.0sec
Open/Ti-poly		Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	256x256 (1064, 1048)		Q=98	0	0	2.0sec
Subr= 2		1-time(s)		2.0sec										
Seqn= 28		250-time(s)		10.0sec										
thin-Be/Open		med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	256x256 (1064, 1048)		Q=95	3	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1CCB: Synoptic 7 Filter w/ Al-mesh(8/128/1024), Al-poly(12/181/1443), Thin-Be(64/1024/5795) - Thick-Be(65536), Al-poly+Ti-poly(64/2048), Med-Al(2048)														
Term		Pointing (x, y)					Comment							
08/13 18:08:00 - 08/13 18:14:54		Fixed (0.0, 0.0)					synoptic, shifted 5.0 min							
08/14 05:51:00 - 08/14 05:58:00		Fixed (0.0, 0.0)					HOP 349+ synoptic							
PROG= 05		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= 63		1-time(s)			2.0sec									
└ Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└ Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└ Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	1.00s	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= 27		1-time(s)			2.0sec									
└ thin-Be/Open		thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└ thin-Be/Open		thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
└ thin-Be/Open		thin-Be/Open	close	Safe	Norm	5.66s	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= 46		1-time(s)			2.0sec									
└ Open/thick-Be		Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
Seqn= 93		1-time(s)			2.0sec									
└ med-Al/Open		med-Al/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec	
└ med-Al/Open		med-Al/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	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 #1C9B: HOP349 - 3-filter Synoptics (Al-mesh[8/181/2897], Al-poly[16/181/4096], thin-Be[64/1024/11571] with 512x512 G-band+Le														
Term		Pointing (x, y)					Comment							
08/14 04:03:00 - 08/14 05:47:54		Fixed (0.0, 0.0)					HOP 349+ synoptic							
PROG= 02 Inf.-time(s)														
Subr= 1		1-time(s)		300.0sec										
Seqn= 64		1-time(s)		2.0sec										
└ Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 43		1-time(s)		2.0sec										
└ Al-poly/Open		Al-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Al-poly/Open		Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 67		1-time(s)		2.0sec										
└ thin-Be/Open		thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ thin-Be/Open		thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
└ thin-Be/Open		thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)		Q=95	0	0	2.0sec
Seqn= 81		1-time(s)		2.0sec										
└ Open/G-band		Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)		Q=90	0	0	2.0sec

	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subbr= 2	9-time(s)		360.0sec										
Seqn= 8	1-time(s)		2.0sec										
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6	1-time(s)		2.0sec										
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29	1-time(s)		2.0sec										
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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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
08/13 11:21:00 - 08/13 17:31:00	Track (408.2, -397.0) @ 08/13 10:43:00	# OP start + 10min + AR obs
08/13 18:18:00 - 08/14 03:59:54	Track (465.1, -393.4) @ 08/13 18:15:00	AR obs
08/14 04:03:00 - 08/14 05:47:54	Fixed (0.0, 0.0)	HOP 349+ synoptic

PROG= 04	30-time(s)												
Subbr= 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
Subbr= 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

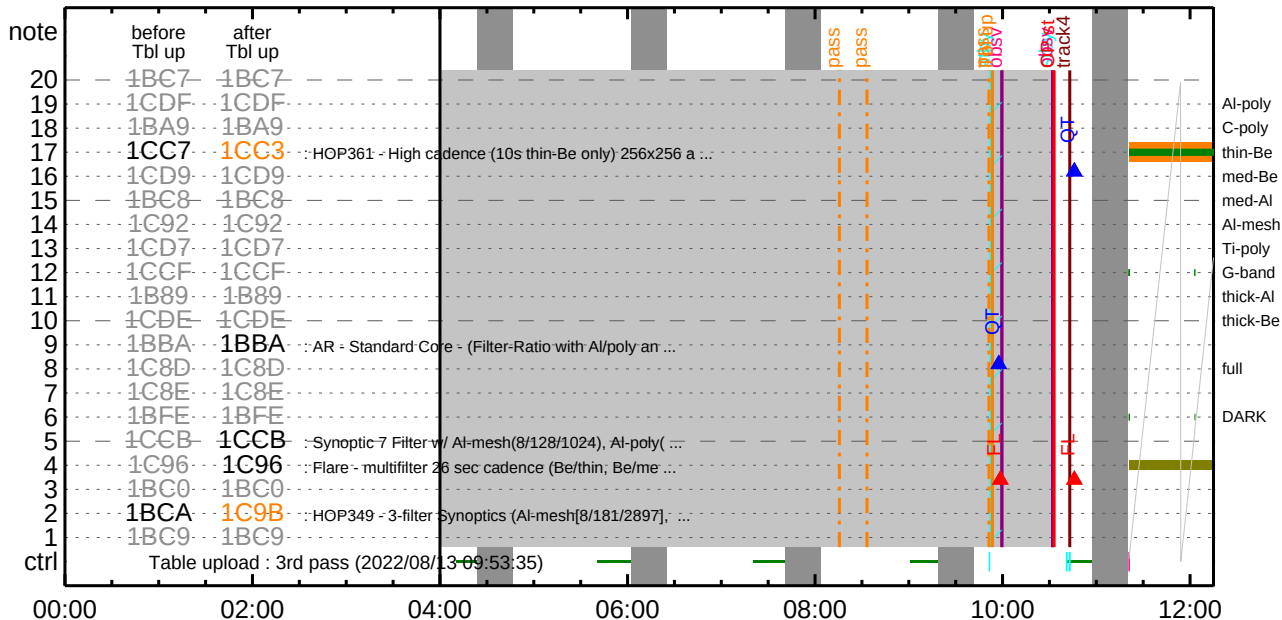
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Flare Detection

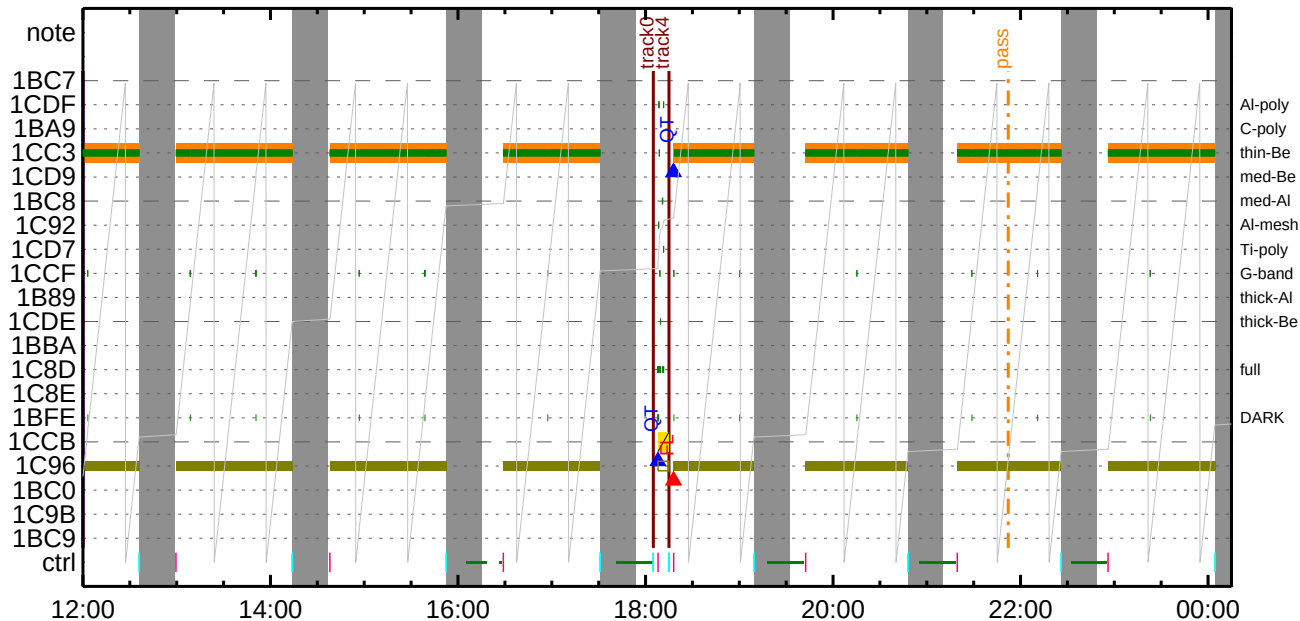
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FLD Patrol													
Term	Pointing (x, y)		Comment										
08/13 09:54:35 - 08/13 18:05:18	cannot be identified												
08/13 18:15:18 - 08/14 05:48:18	Track (465.1, -393.4) @ 08/13 18:15:00		AR obs										
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4ms	Obs	8x8		Q=50		30sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

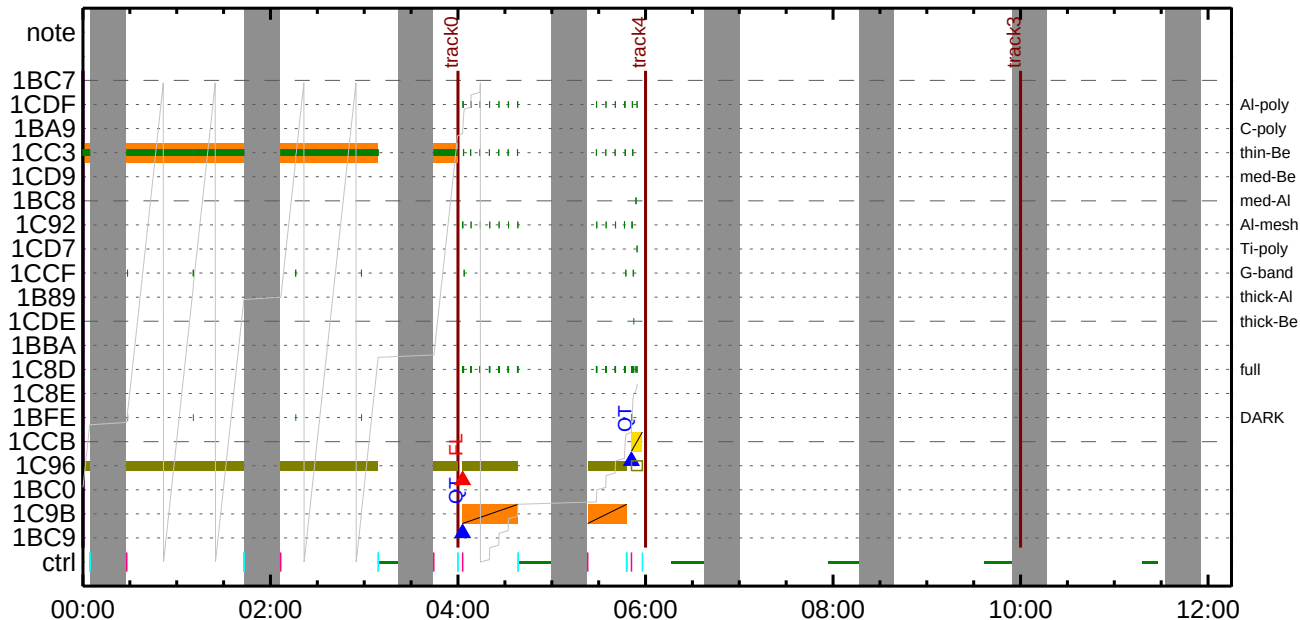
CMDI #0518 2022/08/13



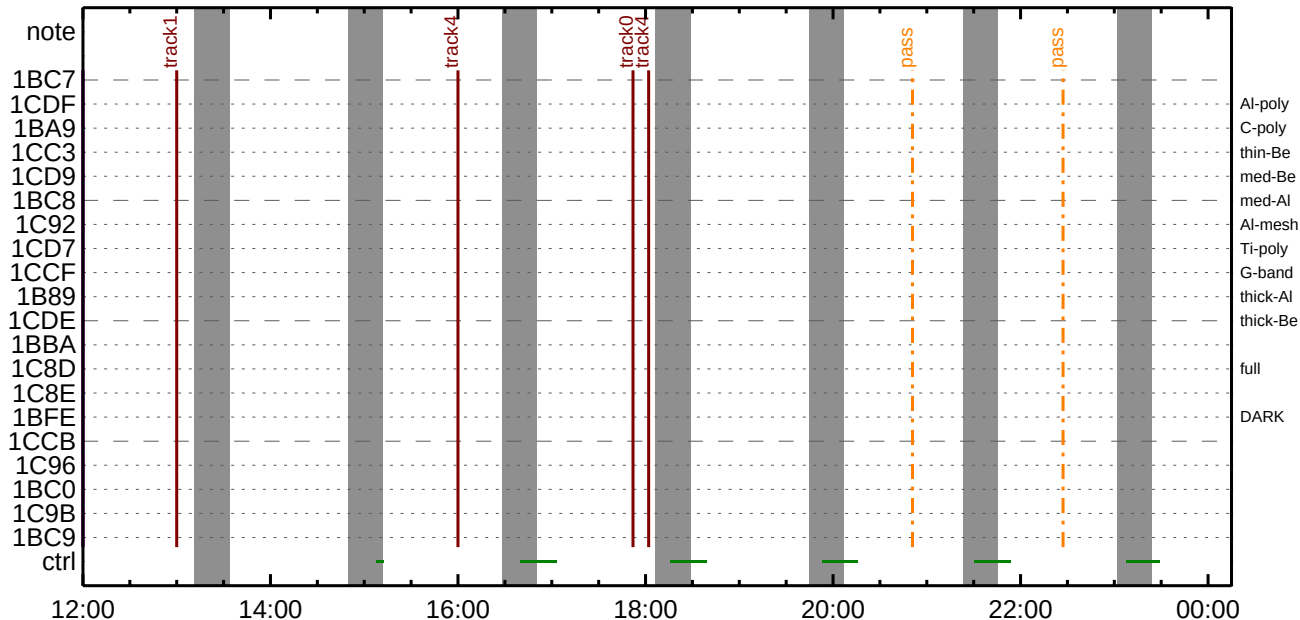
CMDI #0518 2022/08/13



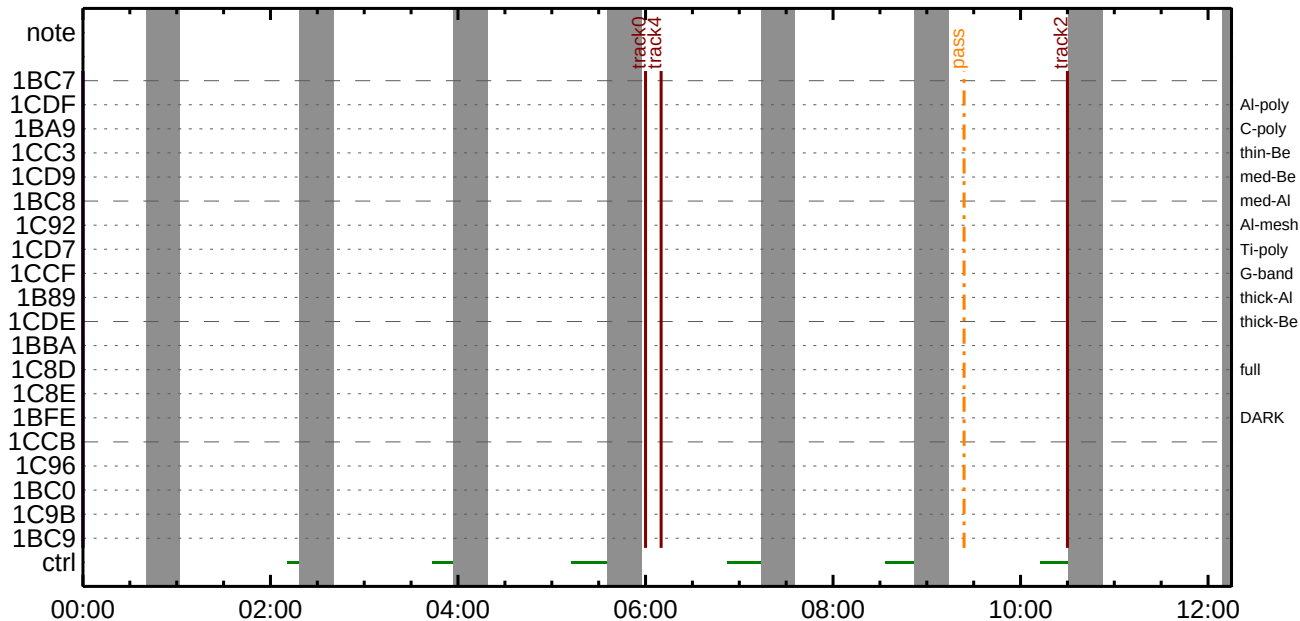
CMDI #0518 2022/08/14



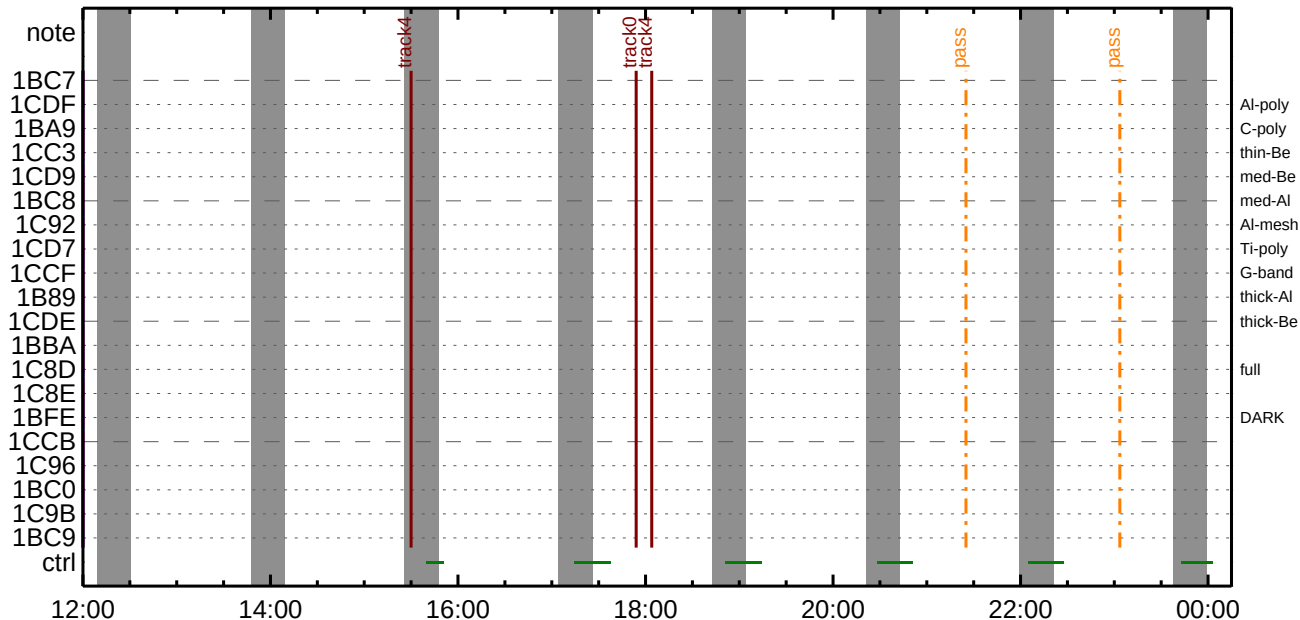
CMDI #0518 2022/08/14



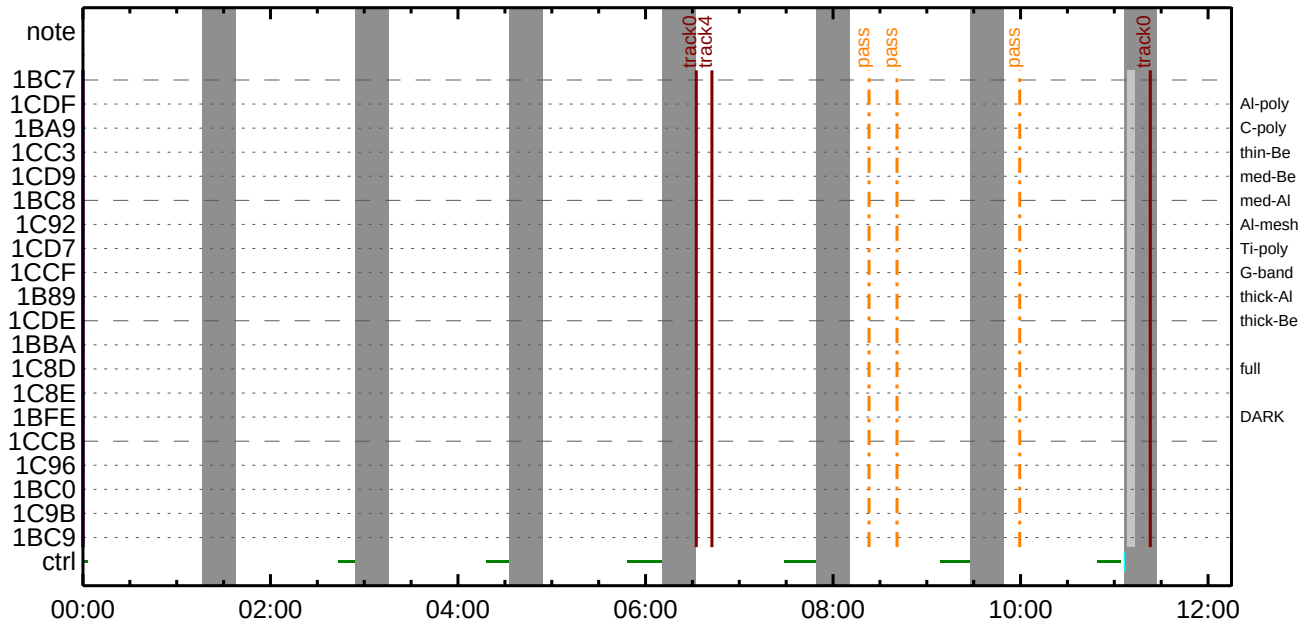
CMDI #0518 2022/08/15



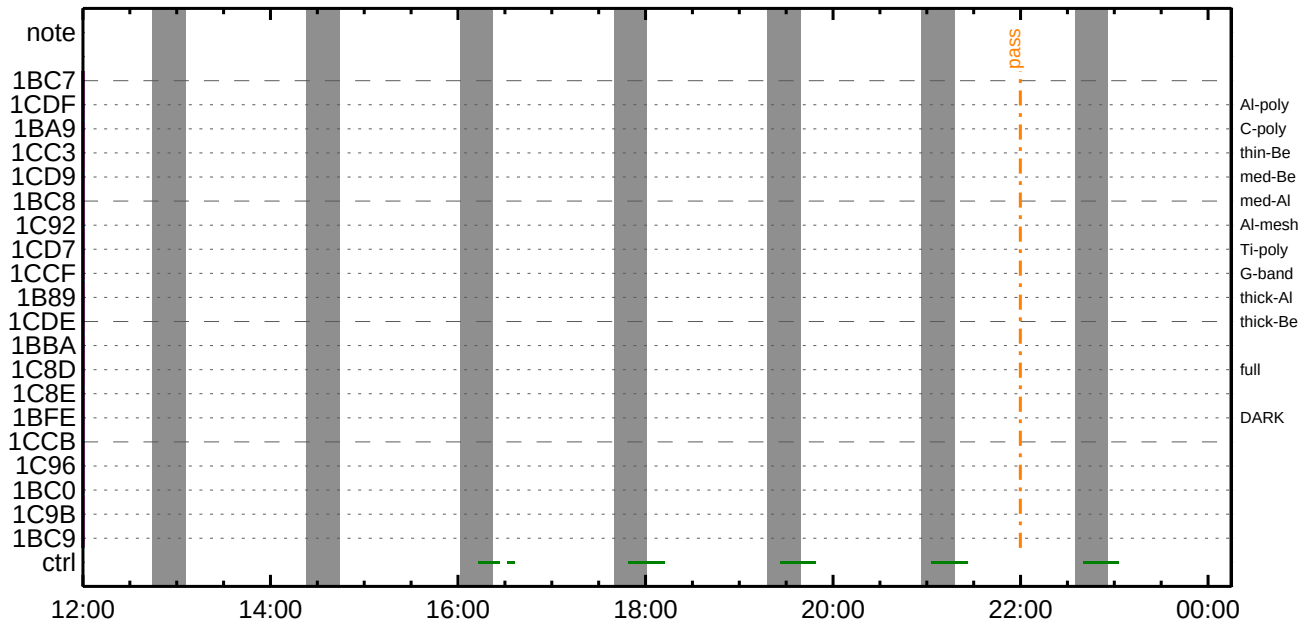
CMDI #0518 2022/08/15



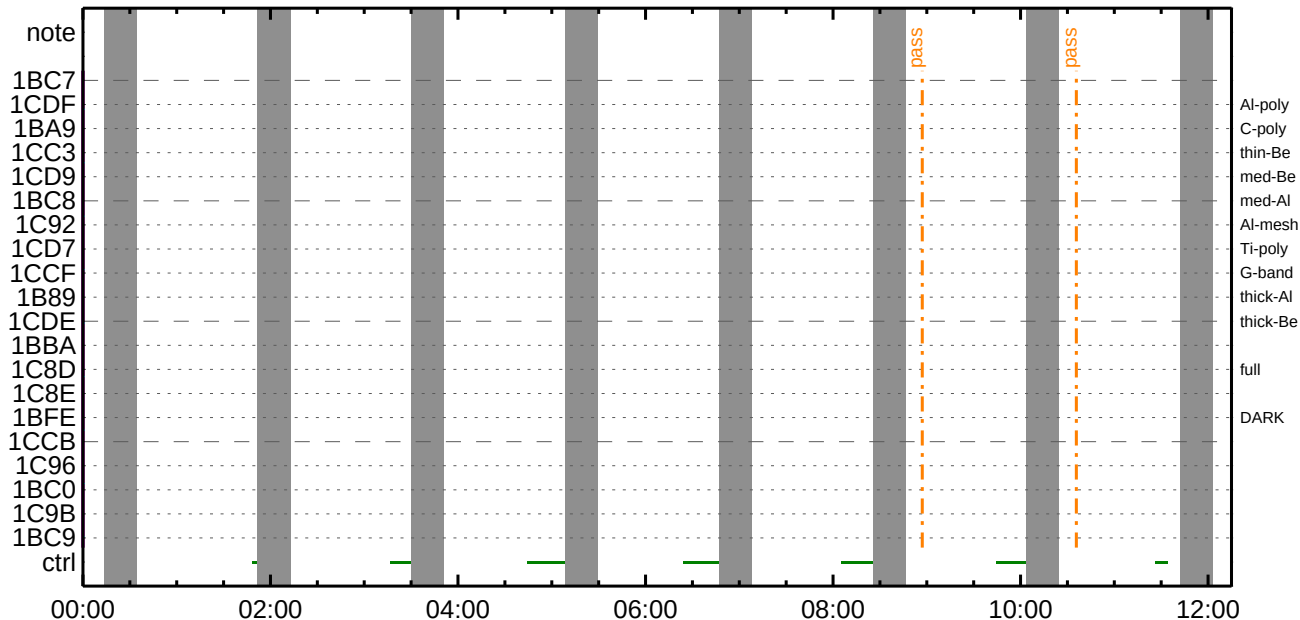
CMDI #0518 2022/08/16



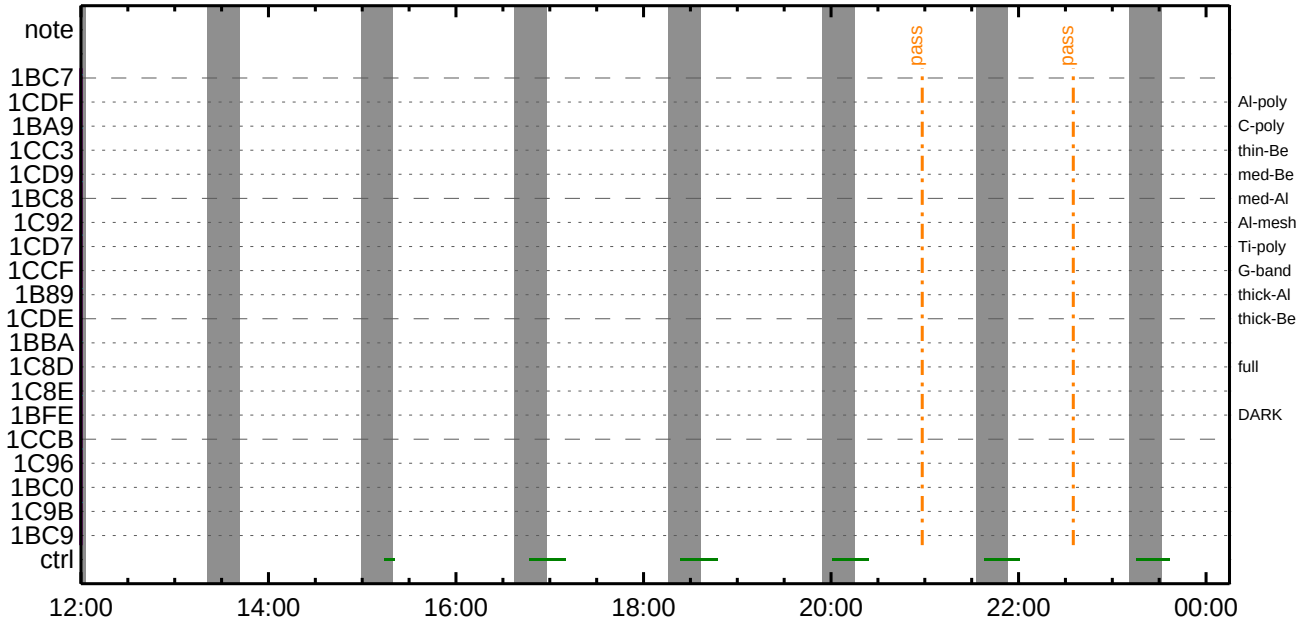
CMDI #0518 2022/08/16



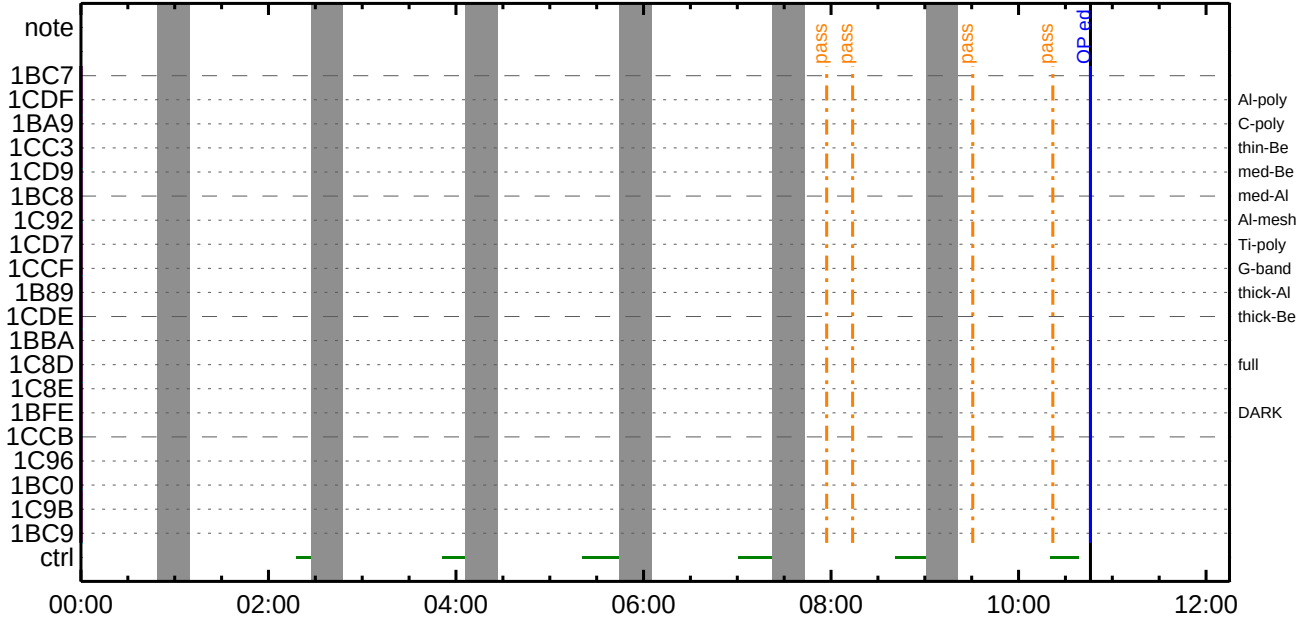
CMDI #0518 2022/08/17



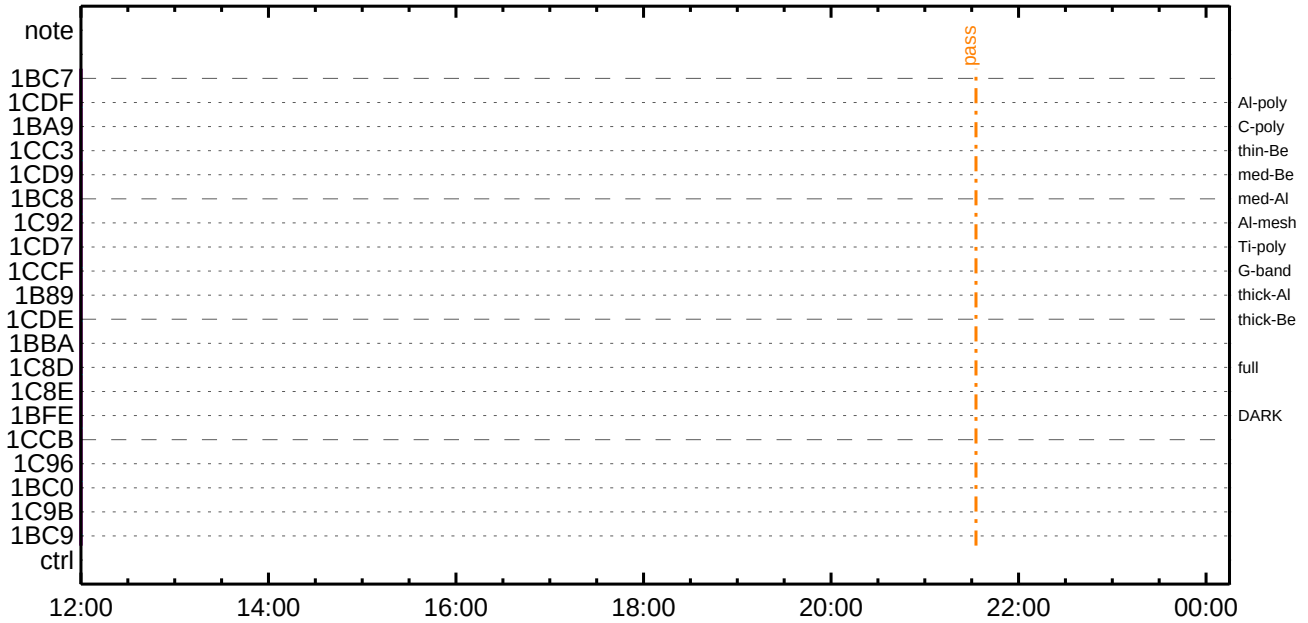
CMDI #0518 2022/08/17



CMDI #0518 2022/08/18



CMDI #0518 2022/08/18




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0096 C.  
0097 C.  
0098 . C. *****  
0099 C. OP/OG¶¡;¼¥É;| ¥À¥ó×  
0100 C. *****  
0101 C.  
0102 C. iãOP/OG¶¡;¼¥É;iä  
0103 S. OP op-340:OP  
0104 (  
0105 S. OG og-340:OG  
0106 )  
0107 C.  
0108 C. iãNMOG&OPIÎ°è¥À¥ó×;iä  
0109 C. NMOG(0x200000-0x207FFF;$ 32 kbyte)  
+ DC 01-23 DHU_DMA_DMP_PRM_SET  
0111 BC (20 00 7f 01 02)  
0112 C. ¶¢[HK1_DMP_TOP_ADRS_1] EQ 40  
0113 C. ¶¢[HK1_DMP_TOP_ADRS_0] EQ 0  
0114 C. ¶¢[HK1_DMP_BLOCK_NUM] EQ 127  
0115 C. ¶¢[HK1_DMP_REPEAT_NUM] EQ 0  
0116 C. ¶¢[HK1_DMA_DMP_PIM] EQ DHU  
+ DC 01-22 DHU_MODE_CHNG  
0117 BC (07 0b f8)  
0118 C. ¶¢[HK1_PKT_FORM_NO] EQ 7  
0119 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.25 s  
0120 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32k  
0121 C. ¶¢[HK1_X_TLM_BIT_RATE] EQ 4M  
0122 C. ¶¢[HK1_DMP_CHK_FLG] EQ EXEC  
0123 C.  
0124 C. ¥À¥ó×½ªİ»ð³İÇŞ  
0125 C. ¶¢[HK1_DMP_CHK_FLG] EQ NON  
0126 C. RAM ID=NMOG¤İ¾¹Ç•ë²IOK¤ð³İÇŞ  
0127 C.  
0128 C. NMOG(0x208000-0x20FFFF;$ 32 kbyte)  
+ DC 01-23 DHU_DMA_DMP_PRM_SET  
0130 BC (20 80 7f 01 02)  
0131 C. ¶¢[HK1_DMP_TOP_ADRS_1] EQ 41  
0132 C. ¶¢[HK1_DMP_TOP_ADRS_0] EQ 0  
0133 C. ¶¢[HK1_DMP_BLOCK_NUM] EQ 127  
0134 C. ¶¢[HK1_DMP_REPEAT_NUM] EQ 0  
0135 C. ¶¢[HK1_DMA_DMP_PIM] EQ DHU  
+ DC 01-22 DHU_MODE_CHNG  
0137 BC (07 0b f8)  
0138 C. ¶¢[HK1_PKT_FORM_NO] EQ 7  
0139 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.25 s  
0140 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32k  
0141 C. ¶¢[HK1_X_TLM_BIT_RATE] EQ 4M  
0142 C. ¶¢[HK1_DMP_CHK_FLG] EQ EXEC  
0143 C. ¥À¥ó×½ªİ»ð³İÇŞ  
0144 C. ¶¢[HK1_DMP_CHK_FLG] EQ NON  
0145 C. RAM ID=NMOG¤İ¾¹Ç•ë²IOK¤ð³İÇŞ  
0146 C.  
0147 C. NMOG(0x210000-0x2100FF;$ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)  
+ DC 01-23 DHU_DMA_DMP_PRM_SET  
0149 BC (21 00 41 01 02)  
0150 C. ¶¢[HK1_DMP_TOP_ADRS_1] EQ 42  
0151 C. ¶¢[HK1_DMP_TOP_ADRS_0] EQ 0  
0152 C. ¶¢[HK1_DMP_BLOCK_NUM] EQ 65  
0153 C. ¶¢[HK1_DMP_REPEAT_NUM] EQ 0  
0154 C. ¶¢[HK1_DMA_DMP_PIM] EQ DHU  
+ DC 01-22 DHU_MODE_CHNG  
0155 BC (07 0b f8)  
0156 C. ¶¢[HK1_PKT_FORM_NO] EQ 7  
0157 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.25 s  
0158 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32k  
0159 C. ¶¢[HK1_X_TLM_BIT_RATE] EQ 4M  
0160 C. ¶¢[HK1_DMP_CHK_FLG] EQ EXEC  
0161 C.  
0162 C. ¥À¥ó×½ªİ»ð³İÇŞ  
0163 C. ¶¢[HK1_DMP_CHK_FLG] EQ NON  
0164 C. RAM ID=NMOG,RAM ID=OP¤İ¾¹Ç•ë²IOK¤ð³İÇŞ  
0165 C.  
0166 C. ***** °È²¼¤İ¾Á´ŒÅ°¤ĖĖ-¤ºÁ÷¿® (%âµ-¥À¥ó×½ê½Ç¤ðÄÖÃæ¤Ç½¤¤`¤ě%î¹Ç¤Ç¤â) *****  
0167 C. DHU¥â;¼¥É;İ¾Y½. ¥î;¼¥É;jē¤ðİā¤¹  
+ DC 01-22 DHU_MODE_CHNG  
0169 BC (02 0a f8)  
0170 C. ¶¢[HK1_PKT_FORM_NO] EQ 2  
0171 C. ¶¢[HK1_PKT_GEN_TIME] EQ 0.5S  
0172 C. ¶¢[HK1_S_TLM_BIT_RATE] EQ 32K  
0173 C. ¶¢[HK1_X_TLM_BIT_RATE] EQ 4M  
0174 C.  
0175 C. *****  
0176 C. TI-CMD SET (POPG STOP/COPY/START)  
0177 C. *****  
0178 C.  
0179 C. NOTICE ;$ OPOG UPLOAD¤-Á÷¿®NG¤İ¾¹Ç;j¢°È²¼¤İTI-CMDÁ÷¿®İ¾Á¹Ô¤¤·¤Ė¤¤³¤ĕ;j£  
0180 C. ¤¤¤¿j;CSET¤ĖDUMP¤İÆ±°î½N¥¹ç¿¹Ô¤¹¤³¤ĕ;j£  
0181 C.  
0182 C. TI¥³¥¤¥ó¥É¤ðÄöİ¿(UT)  
+ TI 2022-08-13 10:28:00.0  
0184 DC 01-B3 DHU_OP_STOP  
0185 C. ¶¢[HK1_TI_CMD_NUM] EQ 1COUNTUP  
0186 C.  
+ TI 2022-08-13 10:28:01.0  
0188 DC 01-B4 DHU_OP_COPY  
0189 C. ¶¢[HK1_TI_CMD_NUM] EQ 1COUNTUP  
0190 C.  
0191 + TI 2022-08-13 10:28:01.0  
0192 DC 01-B5 DHU_OPOG_COPY  
0193 C. ¶¢[HK1_TI_CMD_NUM] EQ 1COUNTUP
```


0194	C.			
0195	+ . TI	2022-08-13 10:32:59.5		
0196	DC	01-B2 DHU_OP_START		
0197	C.	¢¢[HK1_TI_CMD_NUM]	EQ	1COUNTUP
0198	C.			
0199	C.	°Ê²¼¤İÄê%İİÑ¤İ¥Á¥\$¥Ä¥~¹àİÜ		
0200	C.	¢¢[HK1_TI_CMD_ENA/DIS]	EQ	ENA
0201	C.	¢¢[HK1_TI_CMD_NUM]	EQ	4
0202	C.	¢¢[HK1_NEXT_EXEC_PIM]	EQ	DHU
0203	C.	¢¢[HK1_NEXT_EXEC_DC]	EQ	0xB3
0204	C.			
0205	C.	*****		
0206	C.	TIIÎ°è¥Ä¥Ó¥×		
0207	C.	*****		
0208	C.			
0209	C.	TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)		
0210	+ . DC	01-23 DHU_DMA_DMP_PRM_SET		
0211	BC	(03 ab 03 01 02)		
0212	C.	¢¢[HK1_DMP_TOP_ADRS_1]	EQ	07
0213	C.	¢¢[HK1_DMP_TOP_ADRS_0]	EQ	2B
0214	C.	¢¢[HK1_DMP_BLOCK_NUM]	EQ	3
0215	C.	¢¢[HK1_DMP_REPEAT_NUM]	EQ	0
0216	C.	¢¢[HK1_DMA_DMP_PIM]	EQ	DHU
0217	+ . DC	01-22 DHU_MODE_CHNG		
0218	BC	(07 0b f8)		
0219	C.	¢¢[HK1_PKT_FORM_NO]	EQ	7
0220	C.	¢¢[HK1_PKT_GEN_TIME]	EQ	0.25 s
0221	C.	¢¢[HK1_S_TLM_BIT_RATE]	EQ	32k
0222	C.	¢¢[HK1_X_TLM_BIT_RATE]	EQ	4M
0223	C.	¢¢[HK1_DMP_CHK_FLG]	EQ	EXEC
0224	C.			
0225	C.	¥Ä¥Ó¥×½ªİ»¤ò³İÇ\$		
0226	C.	¢¢[HK1_DMP_CHK_FLG]	EQ	NON
0227	C.			
0228	C.	RAM ID=TI_TBL¤İ¼È¹Ç•è²İOK¤ò³İÇ\$		
0229	C.			
0230	C.	DHU¥âı¼¥ÉıÊ¼ý½, ¥İı¼¥ËıË¤òİä¤¹		
0231	+ . DC	01-22 DHU_MODE_CHNG		
0232	BC	(02 0a f8)		
0233	C.	¢¢[HK1_PKT_FORM_NO]	EQ	2
0234	C.	¢¢[HK1_PKT_GEN_TIME]	EQ	0.5S
0235	C.	¢¢[HK1_S_TLM_BIT_RATE]	EQ	32K
0236	C.	¢¢[HK1_X_TLM_BIT_RATE]	EQ	4M
0237	C.			
0238	C.	*****		
0239	C.	SOT TI command set		
0240	C.	*****		
0241	C.	Execute, after the success of OP upload.		
0242	+ . TI	2022-08-13 10:32:16.0		
0243	DC	07-F0 MDP_SOT_MODE_STBY		
0244	BC	(41)		
0245	C.	-----		
0246	C.	HK1_TI_CMD_NUM = 1 CNTUP []		
0247	C.	-----		
0248	C.	***** SOT END *****		
0249	C.	Stop EIS observation and temporarily disable EIS mode changes		
0250	C.			
0251	C.			
0252	C.	***** Start EIS operation (TI set) *****		
0253	C.	Execute, after the success of OP upload.		
0254	C.	Set EIS TI-commands		
0255	+ . TI	2022-08-13 10:32:30.0		
0256	DC	07-FC EIS_MODE_MANU		
0257	BC	(21 02)		
0258	+ . TI	2022-08-13 10:32:40.0		
0259	DC	07-FC EIS_MODE_CHG_DIS		
0260	BC	(22)		
0261	C.	[] [HK1_TI_CMD_NUM]	EQ	2 COUNTUP
0262	C.	***** End EIS operation (TI set) *****		
0263	C.			
0264	C.			
0265	C.			
0266	C.	***** XRT START *****		
0267	C.	Execute, after the success of OP upload.		
0268	+ . TI	2022-08-13 10:32:00.0		
0269	DC	07-F0 MDP_XRT_MODE_STBY		
0270	BC	(c3)		
0271	C.	[] [HK1_TI_CMD_NUM]	EQ	1COUNTUP
0272	C.			
0273	C.	***** XRT END *****		
0274	C.			
0275	C.	***** MDP `ÜÃİ¤İ»0¾Ý¤ĒÄ¤¤¹¤ēDCBC•×²è *****		
0276	C.	(%ã°İ¥Ö¥Ä¥Ė¥¤¥Ē¥Ç¥Ė¤Ē¾¤¤¼¥Ä»¤¹¤ē)		
0277	S.	DC-BC dcbc-402:DCBC		
0278		(MDP_known_event)		
0279	C.			
0280	C.			
0281	C.	***** ¥Ð¥¹•İ Daily±çİÑ¤Ē`Ø¤¹¤ēDCBC•×²è *****		
0282	S.	DC-BC dcbc-153:DCBC		
0283		(SPECIAL-CMD_DAILY_OPERATIN_DCB)		
0284	C.			
0285	C.			
0286	C.	j äLOS¥Ä¥\$¥Ä¥ ¼Ä»Üj ä		
0287	C.			
0288	C.	***** LOS *****		
0289	C.			

(a) Spacecraft Operation Procedure (real-commands)

```
main-342 2022-08-13 13:02:25 166 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Å»Üjã
0005 C.
0006 C. ¥À¥Bj¼¥³¥D¥Ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ĀiĒ¿¿Aα•μ°£»İ×AÇ¿İ¥Ç¥A¥×¥İj¼¥ÉjĒĒē½μ•İİĒjĒαĒ¼°Ç¿α•α¿¼i¹Ç¿İjÇÀ®, ũα¹αēααÇÁ÷¿®α•αĒααα³αĒj£
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-285: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 2022-08-13 10:32:18.0
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 85 83 04 04)
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 85 83 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)
```

```
0096 + DC 07-F0 MDP_XRT_AEC_RESET  
0097 BC (d0)  
0098 + DC 07-F0 MDP_XRT_FLD_RESET  
0099 BC (da)  
0100 +. DC 07-F0 MDP_XRT_QT_PROG_SET  
0101 BC (c4 09)  
0102 +. DC 07-F0 MDP_XRT_FL_PROG_SET  
0103 BC (c5 04)  
0104 . C. ----- Success Verify ? OK / NG ____  
0105 C.  
0106 C.  
0107 . C. All OK? Yes--> Please Proceed. / No --> Stop here.  
0108 C.  
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV  
0110 BC (c2)  
0111 +. TI 2022-08-13 10:32:02.0  
0112 DC 07-F0 MDP_XRT_MODE_OBSV  
0113 BC (c2)  
0114 . C. ----- Success Verify ? OK / NG ____  
0115 C.  
0116 C. ***** XRT END *****  
0117 . C. ===== Begin of AOCS CMD Sequence =====  
0118 C.  
0119 C. *****  
0120 . C. ***** GASŸÇì¼Ÿ¿èÆÁ»Û *****  
0121 C. *****  
0122 C.  
0123 C. *****  
0124 C. MDRV OFF  
0125 C. *****  
0126 C.  
0127 . C. ***** GASŸâŸÈŸ¿İ□Łá MTQŋĬÆ°°î»þĂă»ß *****  
0128 +. DC 02-33 AOCU_MDRV-X_OFF  
0129 +. DC 02-34 AOCU_MDRV-Y_OFF  
0130 +. DC 02-35 AOCU_MDRV-Z_OFF  
0131 C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = OFF ?  
0132 C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = OFF ?  
0133 C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = OFF ?  
0134 C.  
0135 C.  
0136 C. ĵúŸÇì¼Ÿ¿èÆÁ»İ□Łáıçİó1minÂÔµį  
0137 C.  
0138 C. *****  
0139 C. MDRV ON  
0140 C. *****  
0141 C.  
0142 C. ***** MTQŋĬÆ°°Æ³« *****  
0143 +. DC 02-32 AOCU_MDRV_ON  
0144 C. [ ] <A_AOS> [COMPONENT STS] <MDRV> X = ON ?  
0145 C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Y = ON ?  
0146 C. [ ] <A_AOS> [COMPONENT STS] <MDRV> Z = ON ?  
0147 C.  
0148 C.  
0149 C. ===== End of AOCS CMD Sequence =====  
0150 C.  
0151 C.  
0152 C. ***** MDP `ÜÃĬāĬ»ö%Ý□ēÄð¹ëDCBC•x²è *****  
0153 C. (%ã°İŸ0ŸĀŸEŸDŸÈŸĎŸCŸéø½%□¼Å»Û□¹æè)  
0154 S. DC-BC dcbc-402:DCBC  
0155 (MDP_known_event)  
0156 C.  
0157 C.  
0158 C. ***** ŸÐŸ¹•İ Daily±Łİñæ`Ø¹æèDCBC•x²è *****  
0159 S. DC-BC dcbc-153:DCBC  
0160 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0161 C.  
0162 C.  
0163 C. įăLOSŸĀŸŞŸĤŸ¬ŸĈ»Ûįă  
0164 C.  
0165 C. ***** LOS *****  
0166 C.
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*** OP Sequence for XRT ***

2022/08/13	10:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	10:41:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	10:41:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/13	10:41:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/13	10:42:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	10:42:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	10:42:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2022/08/13	10:43:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 03 e7 01 db
2022/08/13	10:43:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2022/08/13	10:43:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2022/08/13	10:43:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2022/08/13	10:43:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2022/08/13	10:43:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/13	10:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/13	10:45:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2022/08/13	10:45:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2022/08/13	11:20:00.0	XRT_Custom_430_OG [0x1ae]			
2022/08/13	11:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/13	12:36:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	12:36:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	12:36:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/13	12:36:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/13	12:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/13	12:58:30.0	XRT_Custom_430_OG [0x1ae]			
2022/08/13	12:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/13	14:14:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	14:14:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	14:14:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/13	14:14:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/13	14:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/13	14:37:00.0	XRT_Custom_430_OG [0x1ae]			
2022/08/13	14:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/13	15:52:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	15:52:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	15:52:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/13	15:52:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/13	15:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/13	16:28:00.0	XRT_Custom_430_OG [0x1ae]			
2022/08/13	16:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2022/08/13	17:31:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	17:31:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	17:31:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2022/08/13	17:31:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2022/08/13	17:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2022/08/13	18:04:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	18:04:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2022/08/13	18:04:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2022/08/13	18:05:00.0	AOCS_ORe-point_Start_2_OG [0x098]			

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2022/08/13	18:05:18.0	XRT_FLD_DIS_409_OG [0x199]	5	02-76 00 00 00 00 00
		MDP_XRT_FLD_DIS	1	07-F0 d9
2022/08/13	18:05:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	1	07-F0 c9
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9
2022/08/13	18:05:22.0	XRT_ARS_DIS_442_OG [0x1ba]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2022/08/13	18:07:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	2	07-F0 c4 05
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 05
2022/08/13	18:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/08/13	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	18:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	18:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	4	07-F8 22 fe 97 00
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2022/08/13	18:15:00.5	AOCS_Ore-point_Start_1_OG [0x097]	5	02-76 04 03 e7 01 db
		AOCU_NM	5	02-76 04 03 e7 01 db
2022/08/13	18:15:18.0	XRT_FLD_ENA_411_OG [0x19b]	1	07-F0 d8
		MDP_XRT_FLD_ENA	1	07-F0 d8
2022/08/13	18:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	1	07-F0 c8
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2022/08/13	18:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]	1	07-F0 d0
		MDP_XRT_AEC_RESET	1	07-F0 d0
2022/08/13	18:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]	1	07-F0 d5
		MDP_XRT_ARS_DIS	1	07-F0 d5
2022/08/13	18:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/08/13	18:17:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	2	07-F0 c4 11
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 11
2022/08/13	18:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	2	07-F0 c5 04
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 04
2022/08/13	18:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/08/13	19:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	19:09:32.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	19:09:34.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/08/13	19:09:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/08/13	19:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/08/13	19:41:30.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 c0
2022/08/13	19:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/08/13	20:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	20:48:02.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	20:48:04.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/08/13	20:48:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/08/13	20:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/08/13	21:18:30.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 c0
2022/08/13	21:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/08/13	22:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	22:26:02.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/13	22:26:04.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/08/13	22:26:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/08/13	22:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/08/13	22:55:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 c0
2022/08/13	22:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/08/14	00:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/14	00:04:32.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/14	00:04:34.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da
2022/08/14	00:04:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	1	07-F0 e8
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2022/08/14	00:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	1	07-F0 e9
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2022/08/14	00:27:00.0	XRT_Custom_430_OG [0x1ae]	1	07-F0 c0
2022/08/14	00:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0 c0
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2022/08/14	01:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/14	01:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	1	07-F0 c1
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2022/08/14	01:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	1	07-F0 da
		MDP_XRT_FLD_RESET	1	07-F0 da

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2022/08/14	01:43:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/08/14	01:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/08/14	02:05:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/14	02:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/08/14	03:09:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	03:09:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	03:09:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/08/14	03:09:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/08/14	03:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/08/14	03:43:30.0	XRT_Custom_430_OG [0x1ae]					
2022/08/14	03:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/08/14	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2022/08/14	04:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2022/08/14	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2022/08/14	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2022/08/14	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2022/08/14	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/08/14	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/08/14	04:02:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2022/08/14	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2022/08/14	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/08/14	04:38:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	04:38:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	04:38:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2022/08/14	04:38:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2022/08/14	04:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2022/08/14	05:22:00.0	XRT_Custom_430_OG [0x1ae]					
2022/08/14	05:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/08/14	05:47:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	05:47:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	05:47:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2022/08/14	05:48:18.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2022/08/14	05:48:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2022/08/14	05:48:22.0	XRT_ARS_DIS_442_OG [0x1ba]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2022/08/14	05:50:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2022/08/14	05:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2022/08/14	05:58:00.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2022/08/14	05:59:00.0	XRT_TCIB_XRT_S_HTR_A_ENA_403_OG [0x193]					
		TCIB_XRT_S_HTR_A_ENA	0	04-BC			
2022/08/14	06:00:00.0	AOCs_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 03 e7 01 db		
2022/08/14	10:00:00.0	AOCs_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	03 03 e7 01 db		
2022/08/14	13:00:00.0	AOCs_Ore-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	01 03 e7 01 db		
2022/08/14	16:00:00.0	AOCs_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 03 e7 01 db		
2022/08/14	17:52:00.0	AOCs_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2022/08/14	18:02:00.5	AOCs_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 03 e7 01 db		
2022/08/15	06:00:00.0	AOCs_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2022/08/15	06:10:00.0	AOCs_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 03 e7 01 db		

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2022/08/15	10:30:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	
		AOCU_NM	5 02-76 02 03 e7 01 db
2022/08/15	15:30:00.0	AOCS_ORe-point_Start_1_OG [0x097]	
		AOCU_NM	5 02-76 04 03 e7 01 db
2022/08/15	17:54:00.0	AOCS_ORe-point_Start_2_OG [0x098]	
		AOCU_NM	5 02-76 00 00 00 00 00
2022/08/15	18:04:00.0	AOCS_ORe-point_Start_1_OG [0x097]	
		AOCU_NM	5 02-76 04 03 e7 01 db
2022/08/16	06:32:30.0	AOCS_ORe-point_Start_2_OG [0x098]	
		AOCU_NM	5 02-76 00 00 00 00 00
2022/08/16	06:42:30.0	AOCS_ORe-point_Start_1_OG [0x097]	
		AOCU_NM	5 02-76 04 03 e7 01 db
2022/08/16	11:06:30.0	XRT_CTRL_MANU_402_OG [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2022/08/16	11:23:00.0	AOCS_ORe-point_Start_2_OG [0x098]	
		AOCU_NM	5 02-76 00 00 00 00 00