

XRT Timeline to be uploaded on 2018/09/29

Period: 2018/09/29 10:30:00 - 2018/10/04 10:42:00

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Normal mode

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XOB #1B8C: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 90s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
09/29 10:47:00 - 09/29 11:59:54	Track (-169.4, -293.9) ^{Ⓢ 09/29 10:40:00}	# OP start + 10min // SST/IRIS coordinate obs.
09/29 12:03:00 - 09/29 17:47:24	Track (-14.7, -48.7) ^{Ⓢ 09/29 12:00:00}	QS Network/Coronal BPs
09/29 18:00:30 - 09/30 02:30:00	Track (-387.2, -164.0) ^{Ⓢ 09/29 17:57:30}	Equatorial Coronal Hole

PROG= 05 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	40-time(s)	90.0sec										
Seqn= 60	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	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	

XOB #1BD8: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(45/512/4096), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192), Med

Term	Pointing (x, y)	Comment
09/29 17:50:30 - 09/29 17:57:24	Fixed (0.0, 0.0)	synoptic, shifted -12.5 min
09/30 06:03:00 - 09/30 06:10:00	Fixed (0.0, 0.0)	synoptic

PROG= 18 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= 36	1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	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= 99	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	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= 33	1-time(s)	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
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	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= 17	1-time(s)	2.0sec										
med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 25	1-time(s)	2.0sec										
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	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 #1BBE: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 30s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
09/30 02:33:06 - 09/30 02:59:54	Track (-387.2, -164.0) ^{Ⓢ 09/29 17:57:30}	Equatorial Coronal Hole

PROG= 07 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	20-time(s)	30.0sec										
Seqn= 60	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	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	

XOB #1C00: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 90 min c

Term	Pointing (x, y)	Comment
09/30 03:03:00 - 09/30 05:59:54	Fixed (0.0, 0.0)	HOP 349
PROG= 04 Inf-time(s)		
Subr= 1 1-time(s) 300.0sec		
Seqn= 12 1-time(s) 2.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 82 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open close	Safe Norm 500ms 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
Al-poly/Open	Al-poly/Open close	Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Seqn= 52 1-time(s) 2.0sec		
thin-Be/Open	thin-Be/Open close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 16.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
thin-Be/Open	thin-Be/Open close	Safe Norm 32.0s 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 18-time(s) 300.0sec		
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 #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

Term	Pointing (x, y)	Comment
09/29 10:47:00 - 09/29 11:59:54	Track (-169.4, -293.9) @ 09/29 10:40:00	# OP start + 10min // SST/IRIS coordinate obs.
09/29 12:03:00 - 09/29 17:47:24	Track (-14.7, -48.7) @ 09/29 12:00:00	QS Network/Coronal BPs
09/29 18:00:30 - 09/30 02:30:00	Track (-387.2, -164.0) @ 09/29 17:57:30	Equatorial Coronal Hole
09/30 02:33:06 - 09/30 02:59:54	Track (-387.2, -164.0) @ 09/29 17:57:30	Equatorial Coronal Hole
09/30 03:03:00 - 09/30 05:59:54	Fixed (0.0, 0.0)	HOP 349
PROG= 13 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=100 1-time(s) 10.0sec		
thin-Be/Open	med-Be/Open close	Safe Norm 125ms Obs 1x1 384x384 (1024, 1024) Q=95 2 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-Al	Open/thick-Be close	Safe Norm 1.00s 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

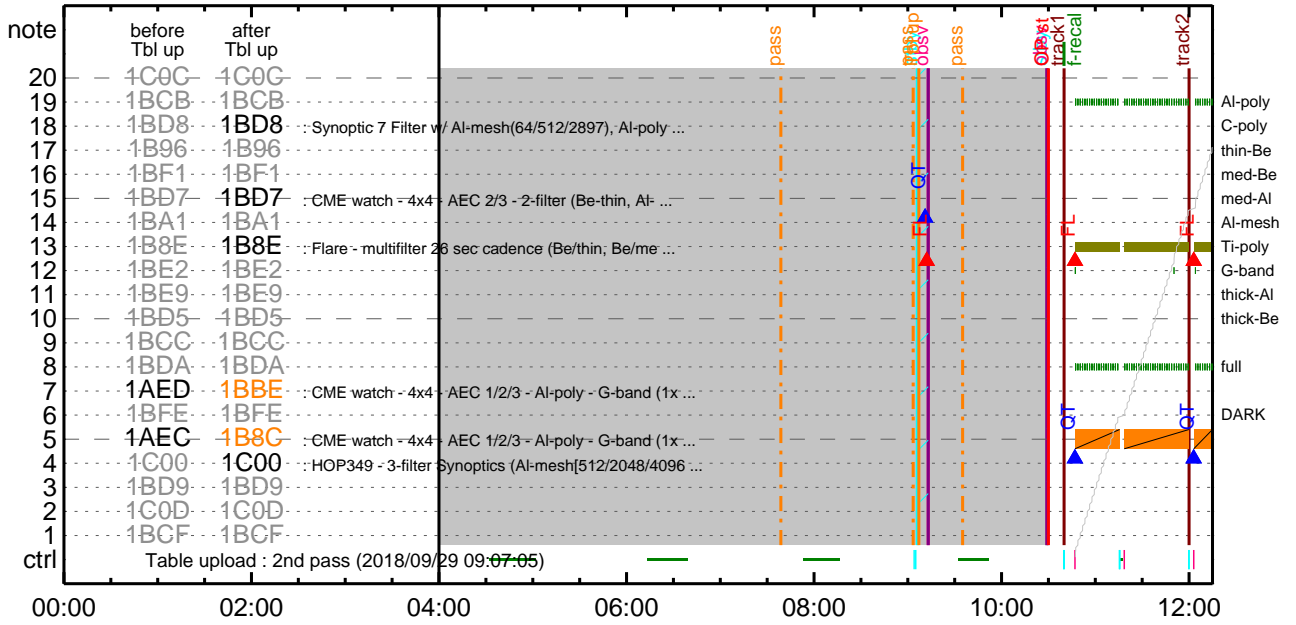
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Flare Detection

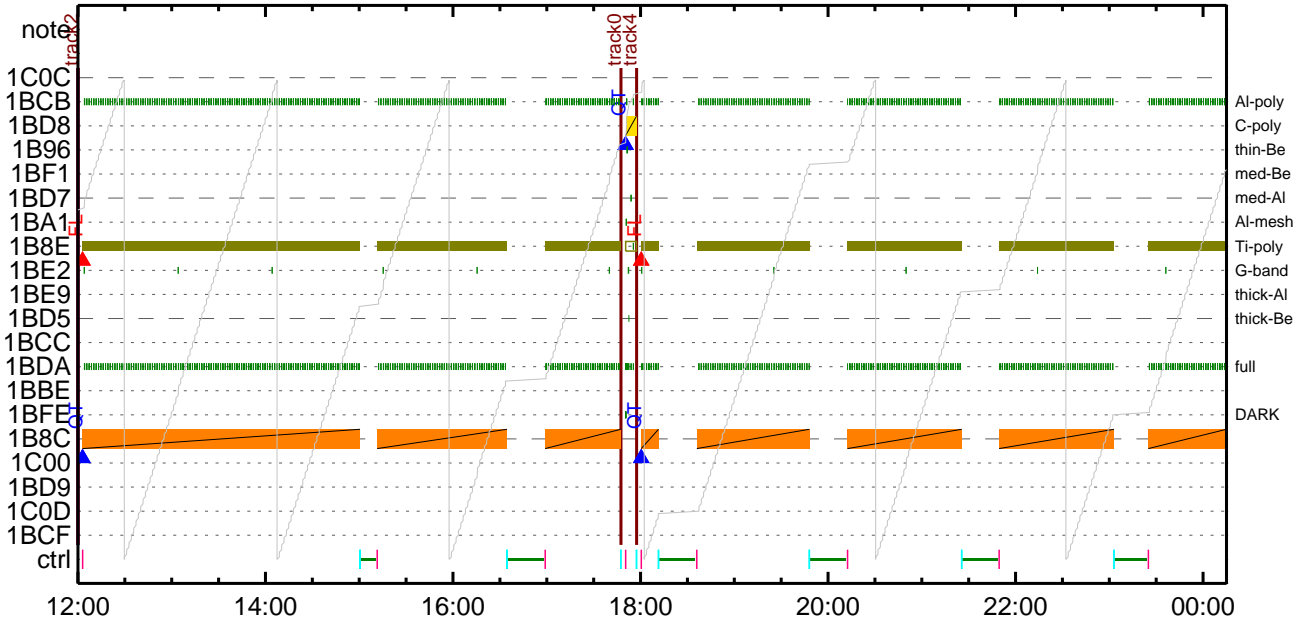
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FLD Patrol									
Term	Pointing (x, y)	Comment							
09/29 17:57:48 - 09/30 06:00:18	Track (-387.2, -164.0) @ 09/29 17:57:30	Equatorial Coronal Hole							
Al-poly/Open	Al-poly/Open close	Safe Norm 8ms Obs 8x8 Q=50 30sec							
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval							

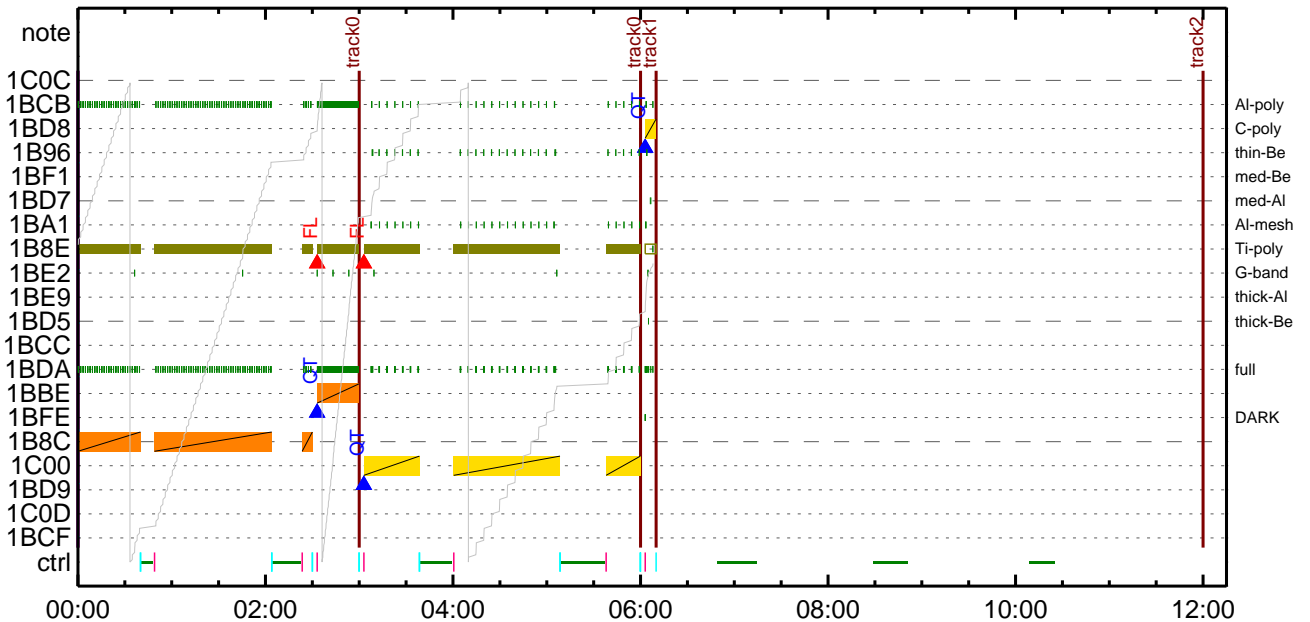
CMDI #0799 2018/09/29



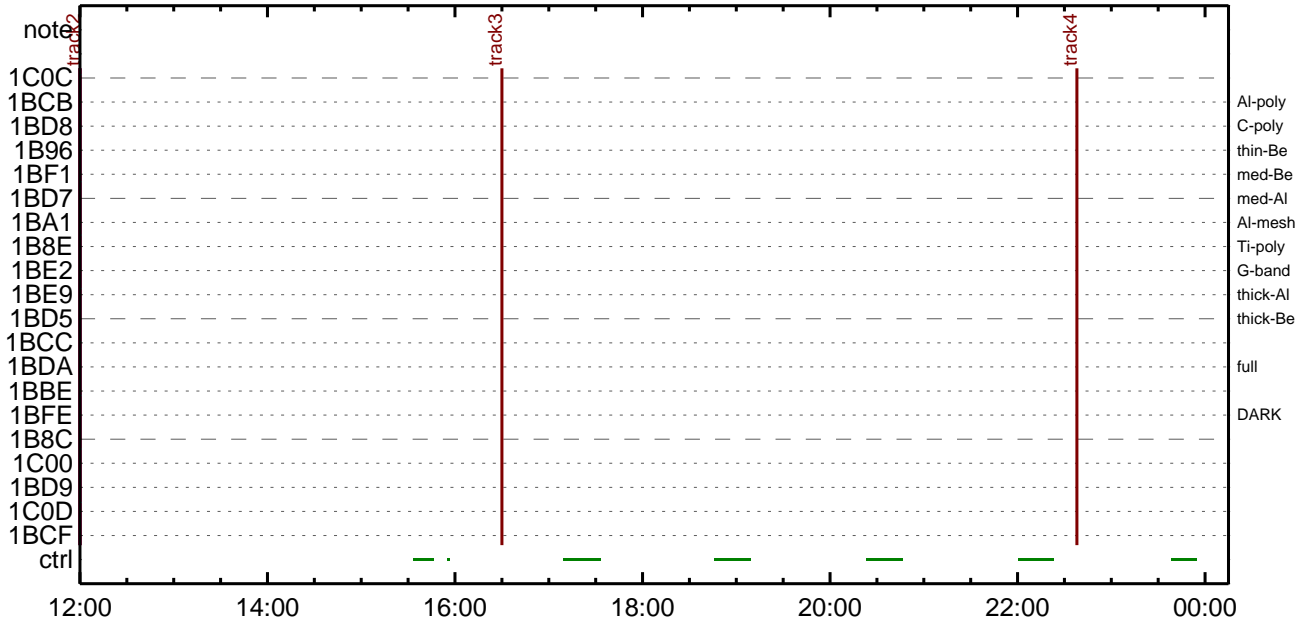
CMDI #0799 2018/09/29



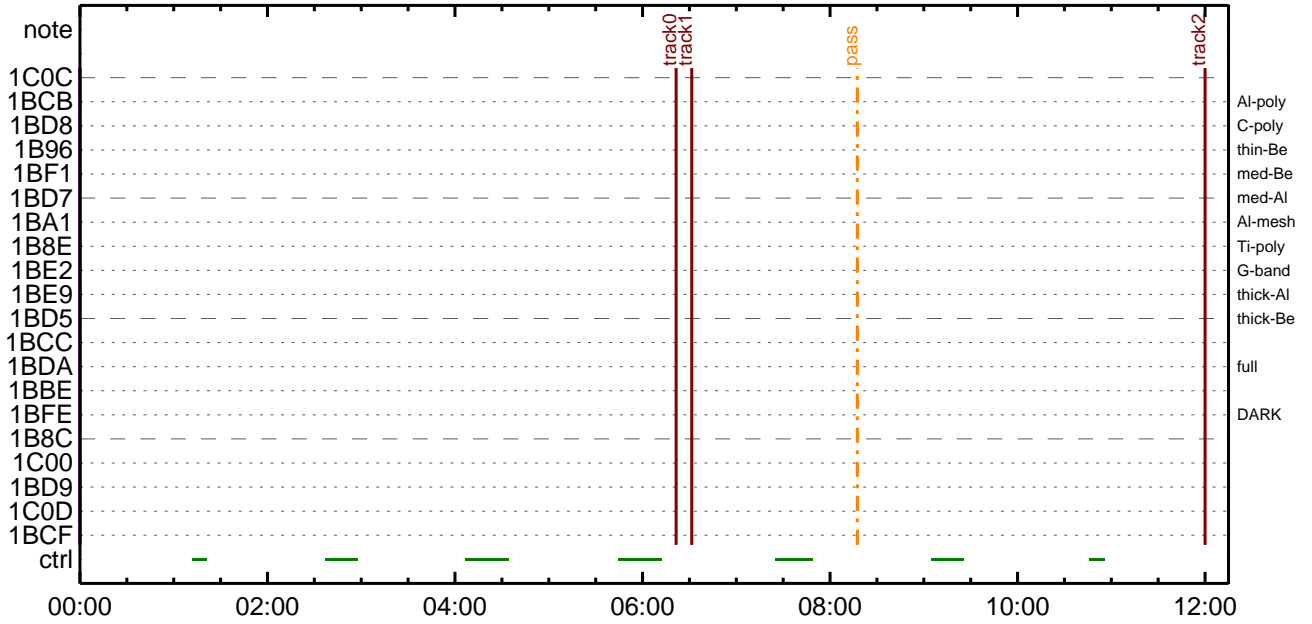
CMDI #0799 2018/09/30



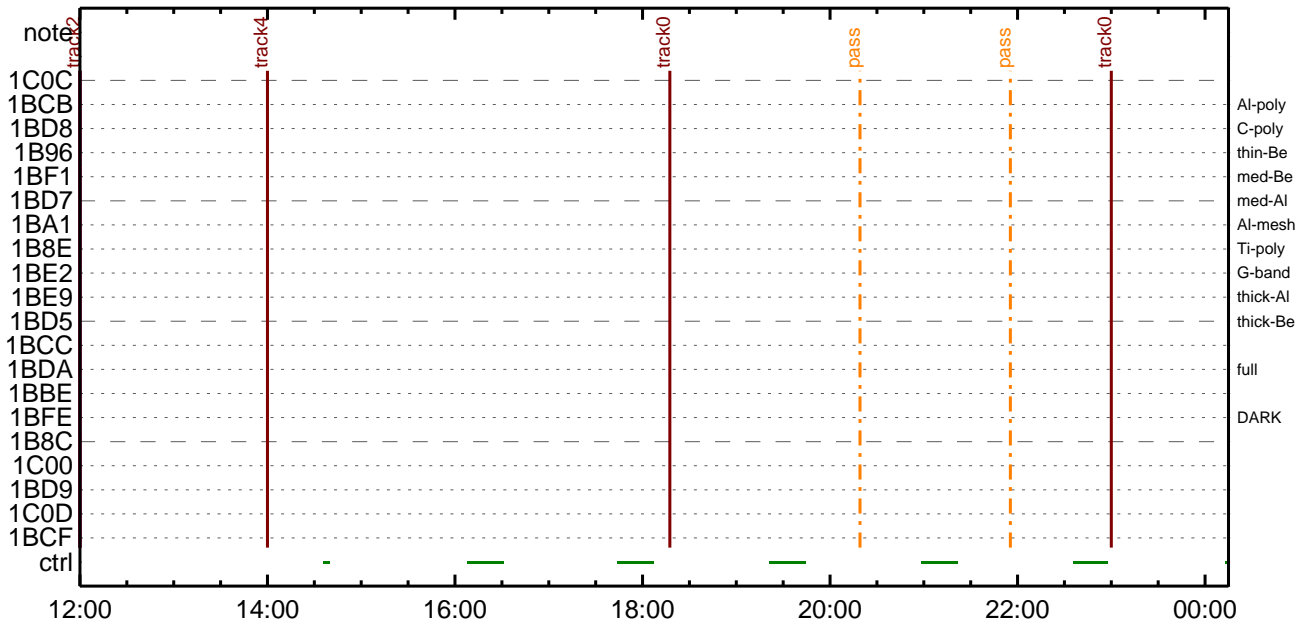
CMDI #0799 2018/09/30



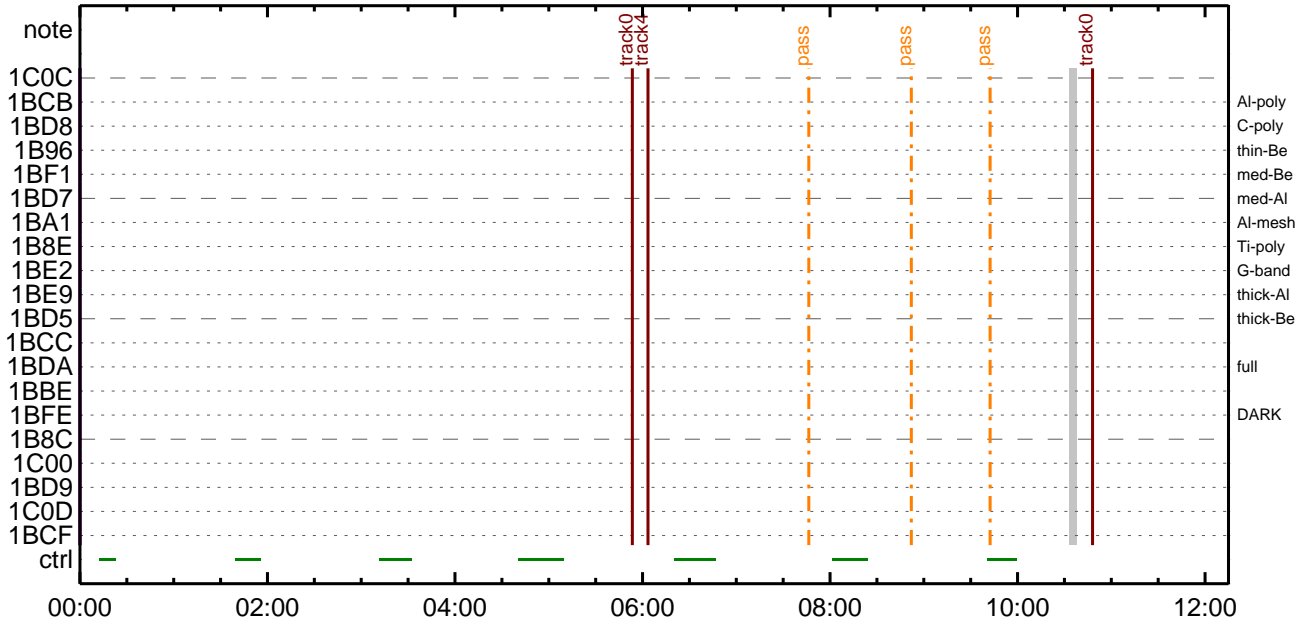
CMDI #0799 2018/10/01



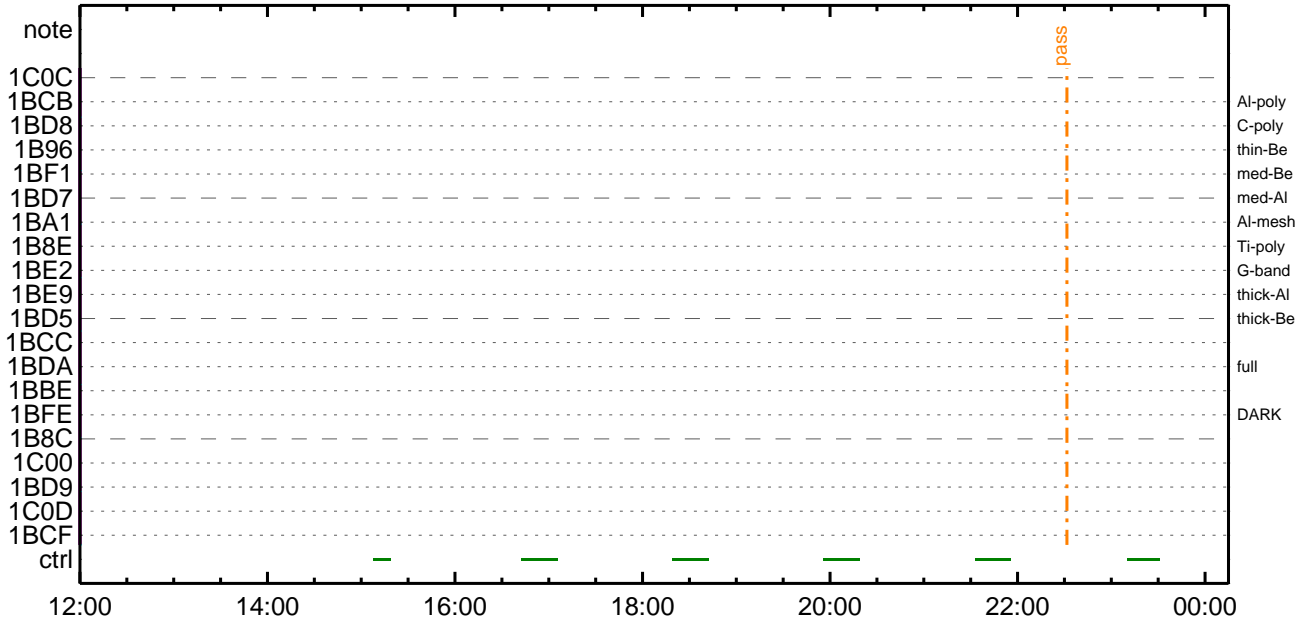
CMDI #0799 2018/10/01



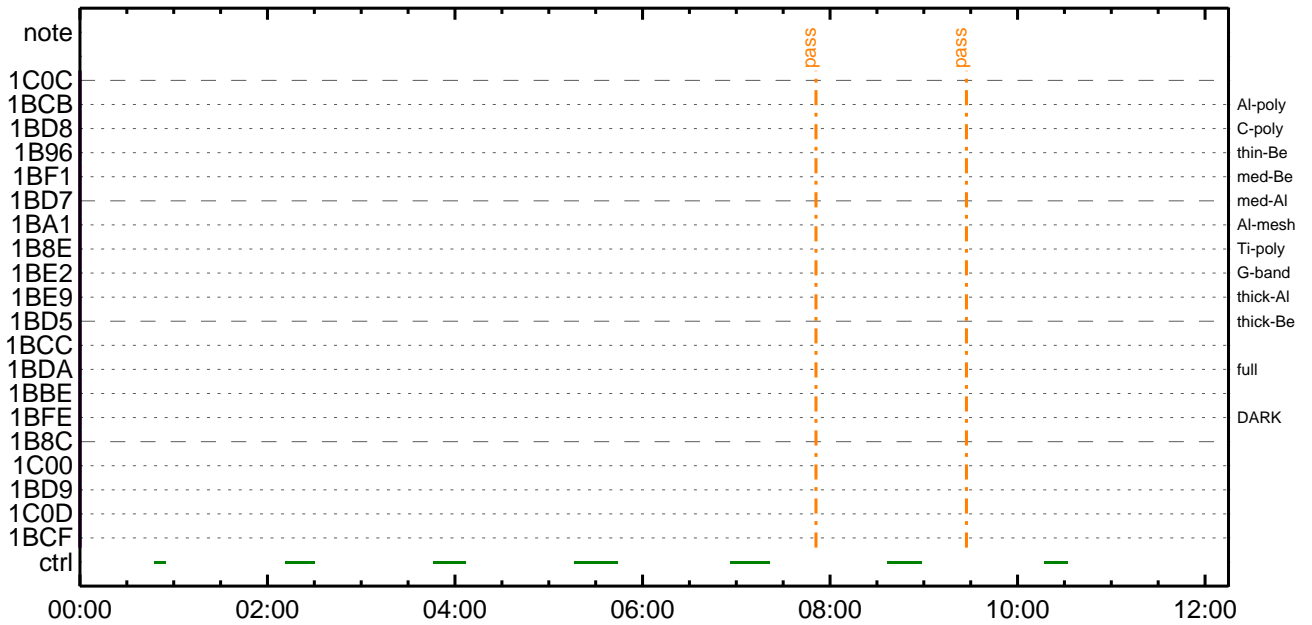
CMDI #0799 2018/10/02



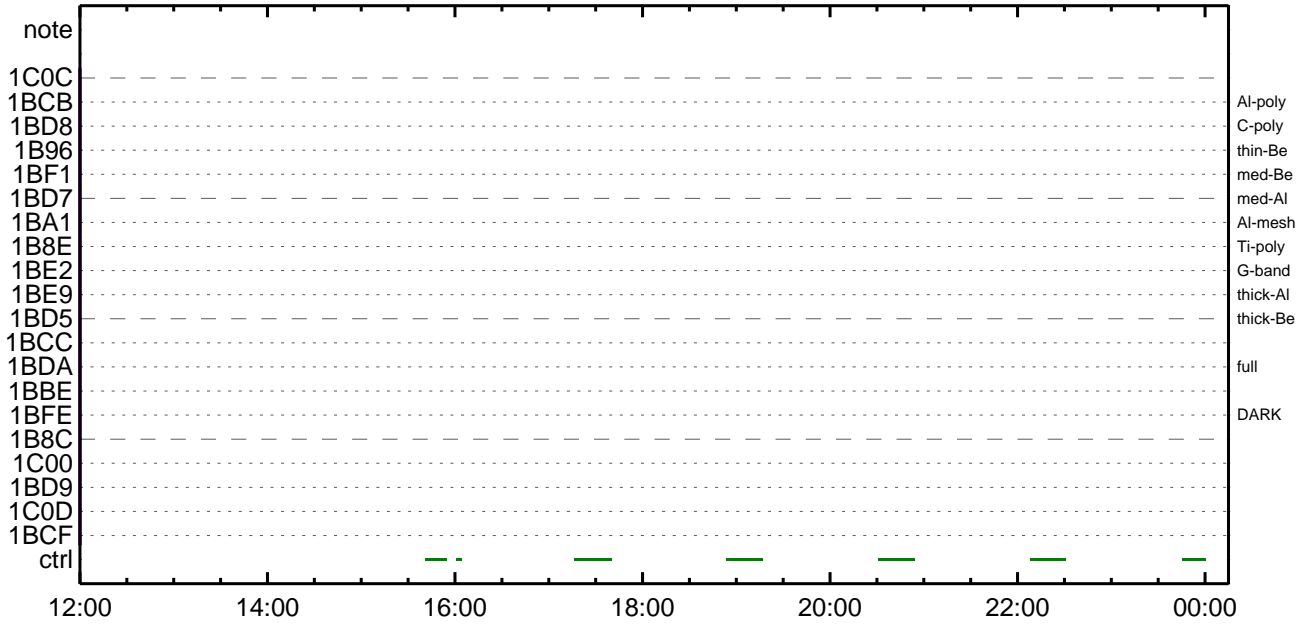
CMDI #0799 2018/10/02



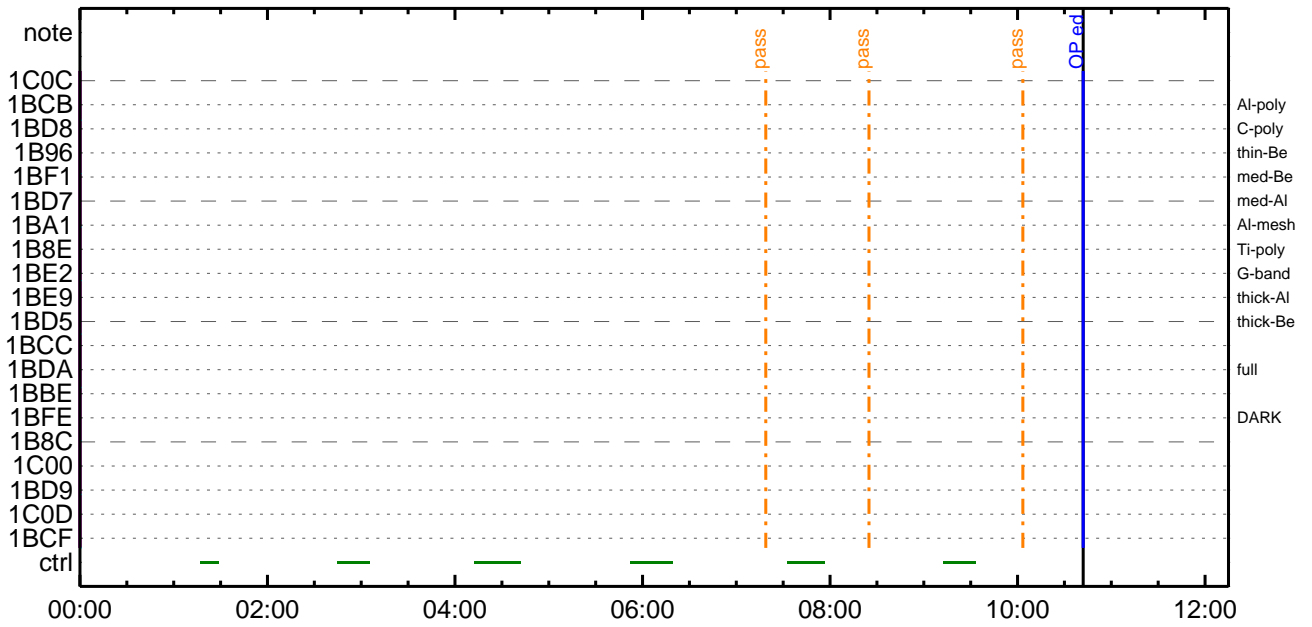
CMDI #0799 2018/10/03



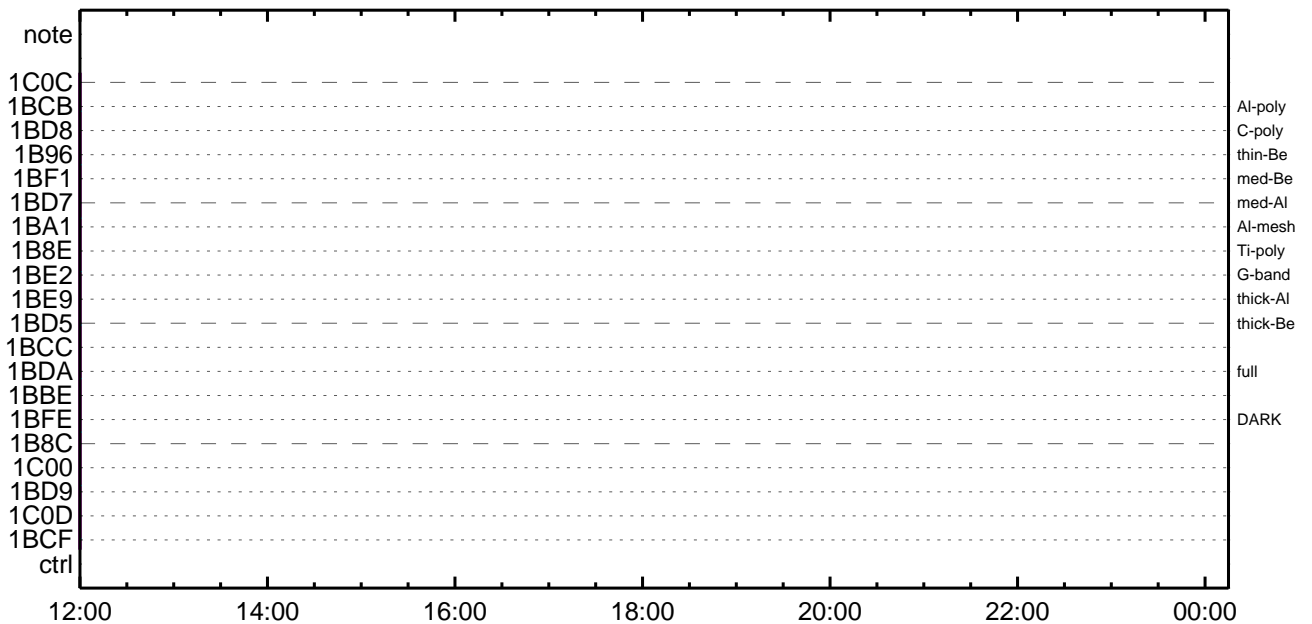
CMDI #0799 2018/10/03



CMDI #0799 2018/10/04



CMDI #0799 2018/10/04



(a) Spacecraft Operation Procedure (real-commands)

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main-666 2018-09-29 14:02:01 194 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFÝÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ðÁð•µ°Æ»Í×ÁÇ¿ÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈðÈ¼°ÇÓð•¾¿l¹ç¿í;çÁ®, ù¹ñèððçÁ+¿®ð•ðÈðð³ðÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ;|YÁYóY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-666:OP
0020 ( )
0021 . S. OG og-666:OG
0022 ( )
0023 C.
0024 . C. ;ãNMOG&OPí°èYÁYóY×;ä
0025 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 BC (20 00 7f 01 02)
0028 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 BC (07 0b f8)
0035 C. çç[HK1_PKT_FORM_NO] EQ 7
0036 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÀYóY×¾ª í»ðð³ íÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGðí¼È¹ç•è²ÍOKðð³ íÇ§
0043 C.
0044 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 BC (20 80 7f 01 02)
0047 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 BC (07 0b f8)
0054 C. çç[HK1_PKT_FORM_NO] EQ 7
0055 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÀYóY×¾ª í»ðð³ íÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGðí¼È¹ç•è²ÍOKðð³ íÇ§
0062 C.
0063 C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 BC (21 00 41 01 02)
0066 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 BC (07 0b f8)
0073 C. çç[HK1_PKT_FORM_NO] EQ 7
0074 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÀYóY×¾ª í»ðð³ íÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OPðí¼È¹ç•è²ÍOKðð³ íÇ§
0081 C.
0082 . C. ***** òÈ²¼òí¼Á´¶¼°òÈÈ-ò°Á+¿® (¼áµ-YÀYóY×¾ªçððÁÓÃæç¾ª°ñ°ò¼¿l¹çççðá) *****
0083 C. DHUYá;¼YÉ;È¼Y¾;Yí;¼YÉ;Èòðíá¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 BC (02 0a f8)
0086 C. çç[HK1_PKT_FORM_NO] EQ 2
0087 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0089 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 C.
0091 . C. *****
0092 C. TI-CMD SET (OPOG STOP/COPY/START)
0093 C. *****
0094 C.
0095 . C. NOTICE ;§ OPOG UPLOADð-Á+¿®NGðí¼¿l¹ç;ç°È²¼òí¼TI-CMDÁ+¿®ðí¼Á¹Ôð•ðÈðð³ðÈ;f
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0096 C.          SET EDUMP I±°iYÑY¹aÇ¹Ôa|a³aE;f
0097 C.
0098 C. TIY³YF¥ÖYÉaðdÄDİ¿(UT)
0099 +. TI 2018-09-29 10:25:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0102 C.
0103 +. TI 2018-09-29 10:25:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0106 C.
0107 +. TI 2018-09-29 10:25:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0110 C.
0111 +. TI 2018-09-29 10:29:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.          çç[HK1_TI_CMD_NUM]          EQ          1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÄY-¹àìÛ
0116 C.          çç[HK1_TI_CMD_ENA/DIS]       EQ          ENA
0117 C.          çç[HK1_TI_CMD_NUM]         EQ          4
0118 C.          çç[HK1_NEXT_EXEC_PIM]       EQ          DHU
0119 C.          çç[HK1_NEXT_EXEC_DC]       EQ          0xB3
0120 C.
0121 C. *****
0122 C. TIİî°èYÄYÖY×
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.          çç[HK1_DMP_TOP_ADRS_1]     EQ          07
0129 C.          çç[HK1_DMP_TOP_ADRS_0]     EQ          2B
0130 C.          çç[HK1_DMP_BLOCK_NUM]      EQ          3
0131 C.          çç[HK1_DMP_REPEAT_NUM]     EQ          0
0132 C.          çç[HK1_DMA_DMP_PIM]       EQ          DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC          (07 0b f8)
0135 C.          çç[HK1_PKT_FORM_NO]        EQ          7
0136 C.          çç[HK1_PKT_GEN_TIME]       EQ          0.25 s
0137 C.          çç[HK1_S_TLM_BIT_RATE]     EQ          32k
0138 C.          çç[HK1_X_TLM_BIT_RATE]    EQ          4M
0139 C.          çç[HK1_DMP_CHK_FLG]       EQ          EXEC
0140 C.
0141 C. YÄYÖY×½ªİ»að³İÇ§
0142 C.          çç[HK1_DMP_CHK_FLG]       EQ          NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKað³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½,¥ì;¼YÈ;Èaðìãa¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC          (02 0a f8)
0149 C.          çç[HK1_PKT_FORM_NO]        EQ          2
0150 C.          çç[HK1_PKT_GEN_TIME]       EQ          0.5S
0151 C.          çç[HK1_S_TLM_BIT_RATE]     EQ          32K
0152 C.          çç[HK1_X_TLM_BIT_RATE]    EQ          4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2018-09-29 10:29:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC          (21 02)
0163 +. TI 2018-09-29 10:29:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC          (22)
0166 C.          [ ] [HK1_TI_CMD_NUM]       EQ          2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2018-09-29 10:29:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC          (c3)
0176 C.          [ ] [HK1_TI_CMD_NUM]       EQ          1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÄîaİ»ö¼YªEÄa¹aèDCBC•x²è *****
0181 C. (%ã°îYÖYÄYÉYF¥YÄYÇYèaE¼aª¼Ä»Ûa¹aè)
0182 C. S. DC-BC dcbc-402:DCBC
0183 C. (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YD¥¹•İ Daily±¿İÑaÈ'Øa¹aèDCBC•x²è *****
0187 C. S. DC-BC dcbc-153:DCBC
0188 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÄY§YÄY-¼Ä»Û;ä
0192 C.
0193 C. ***** LOS *****

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*** OP Sequence for XRT ***

2018/09/29	10:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	10:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	10:39:58.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2018/09/29	10:40:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	03	02	01	ca
2018/09/29	10:43:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/09/29	10:44:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/09/29	10:44:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/09/29	10:44:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/09/29	10:44:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/09/29	10:44:26.0	XRT_FLD_RESET_432_OG [0x1b0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/09/29	10:46:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2018/09/29	10:46:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/09/29	10:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/09/29	11:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	11:15:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	11:15:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/09/29	11:15:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/09/29	11:17:30.0	XRT_Custom_430_OG [0x1ae]							
2018/09/29	11:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/09/29	11:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/09/29	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	11:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/09/29	12:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	02	03	02	01	ca
2018/09/29	12:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/09/29	12:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/09/29	12:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/09/29	12:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/09/29	12:00:26.0	XRT_FLD_RESET_432_OG [0x1b0]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/09/29	12:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2018/09/29	12:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/09/29	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/09/29	15:00:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	15:00:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	15:00:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/09/29	15:00:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/09/29	15:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/09/29	15:10:30.0	XRT_Custom_430_OG [0x1ae]							
2018/09/29	15:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/09/29	16:34:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	16:34:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/09/29	16:34:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/09/29	16:34:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/09/29	16:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/09/29	16:58:00.0	XRT_Custom_430_OG [0x1ae]							
2018/09/29	16:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/09/29	17:47:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2018/09/29	17:47:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	17:47:28.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/09/29	17:47:30.0	AOCS_ORe-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00
2018/09/29	17:47:48.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2018/09/29	17:47:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/09/29	17:47:52.0	XRT_ARS_DIS_414_OG [0x19e] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/09/29	17:50:28.0	XRT_QT_PROG_SET_435_OG [0x1b3] MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2018/09/29	17:50:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/09/29	17:57:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	17:57:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	17:57:28.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/09/29	17:57:30.5	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	04 00 00 00 00
2018/09/29	17:57:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2018/09/29	17:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/09/29	17:57:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2018/09/29	17:57:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2018/09/29	17:57:56.0	XRT_FLD_RESET_432_OG [0x1b0] MDP_XRT_FLD_RESET	1	07-F0	da
2018/09/29	18:00:26.0	XRT_QT_PROG_SET_429_OG [0x1ad] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/09/29	18:00:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/09/29	18:00:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/09/29	18:11:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	18:11:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	18:11:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/09/29	18:11:36.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/09/29	18:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/09/29	18:35:00.0	XRT_Custom_430_OG [0x1ae]			
2018/09/29	18:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/09/29	19:48:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	19:48:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	19:48:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/09/29	19:48:06.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/09/29	19:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/09/29	20:11:30.0	XRT_Custom_430_OG [0x1ae]			
2018/09/29	20:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/09/29	21:25:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	21:25:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	21:25:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/09/29	21:25:36.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/09/29	21:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/09/29	21:48:30.0	XRT_Custom_430_OG [0x1ae]			
2018/09/29	21:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/09/29	23:03:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	23:03:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/09/29	23:03:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2018/09/29	23:03:06.0	XRT_PREFLR_STRT_437_OG [0x1b5] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/09/29	23:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/09/29	23:24:00.0	XRT_Custom_430_OG [0x1ae]			
2018/09/29	23:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/09/30	00:40:00.0	XRT_CTRL_MANU_400_OG [0x190]			

2018/09/30	00:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	00:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	00:40:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/09/30	00:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/09/30	00:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/09/30	00:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_OG [0x1a8]					
2018/09/30	02:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/09/30	02:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	02:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	02:04:06.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/09/30	02:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/09/30	02:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/09/30	02:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_OG [0x1a8]					
2018/09/30	02:30:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/09/30	02:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	02:30:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	02:30:24.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/09/30	02:30:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_OG [0x19b]					
2018/09/30	02:30:28.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/09/30	02:30:30.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/09/30	02:30:32.0	XRT_FLD_RESET_432_OG [0x1b0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/09/30	02:33:02.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/09/30	02:33:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/09/30	02:33:06.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2018/09/30	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/09/30	02:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/09/30	02:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	03:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/09/30	03:00:18.0	XRT_FLD_ENA_407_OG [0x197]	AOCS_Ore-point_Start_3_OG [0x099]					
2018/09/30	03:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	ACCU_NM	5	02-76	00 00 00 00 00		
2018/09/30	03:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/09/30	03:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/09/30	03:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/09/30	03:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/09/30	03:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/09/30	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04		
2018/09/30	03:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/09/30	03:38:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/09/30	03:38:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	03:38:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	03:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/09/30	03:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/09/30	04:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/09/30	05:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_OG [0x1a3]					
2018/09/30	05:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/09/30	05:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	05:08:36.0	XRT_PREFLR_STRT_437_OG [0x1b5]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	05:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/09/30	05:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		

2018/09/30	05:37:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/09/30	05:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/09/30	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/09/30	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	05:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	06:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/09/30	06:00:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00		
2018/09/30	06:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/09/30	06:00:22.0	XRT_ARS_DIS_414_OG [0x19e]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/09/30	06:02:58.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/09/30	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2018/09/30	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/09/30	06:10:00.5	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	01 03 02 01 ca		
2018/09/30	06:12:00.0	XRT_TCIB_XRT_S_HTR_A_ENA_445_OG [0x1bd]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/09/30	12:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	TCIB_XRT_S_HTR_A_ENA	0	04-BC			
2018/09/30	16:30:00.5	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	02 03 02 01 ca		
2018/09/30	22:38:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03 00 00 00 00		
2018/10/01	06:21:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04 00 00 00 00		
2018/10/01	06:31:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/10/01	12:00:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	01 03 02 01 ca		
2018/10/01	14:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	02 00 00 00 00		
2018/10/01	18:17:30.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	04 00 00 00 00		
2018/10/01	23:00:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 d1 27 01 ca		
2018/10/02	05:53:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 43 a5 01 ca		
2018/10/02	06:03:30.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/10/02	10:48:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	04 00 00 00 00		
			AOCU_NM	5	02-76	00 00 00 00 00		