

XRT Timeline to be uploaded on 2020/02/04

Period: 2020/02/04 11:25:00 - 2020/02/08 11:02:00

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Normal mode

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XOB #1BC7: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(2048ms), Al/Poly(4096ms) - w leak image-1ms												
Term	Pointing (x, y)						Comment					
02/05 14:03:00 - 02/05 14:09:54	Fixed (-528.4, -528.4)						XRT 4 quadrant pointing (1/4)					
PROG= 04 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 51 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 3 2-time(s) 2.0sec												
└─┬─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─┬─ Al-poly/Open Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 3 2-time(s) 2.0sec												
└─┬─ Seqn= 34 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1BC8: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term	Pointing (x, y)						Comment					
02/05 14:13:00 - 02/05 14:19:54	Fixed (528.4, -528.4)						XRT 4 quadrant pointing (2/4)					
PROG= 09 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 38 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 3 2-time(s) 2.0sec												
└─┬─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─┬─ Al-poly/Open Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 3 2-time(s) 2.0sec												
└─┬─ Seqn= 34 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1BC9: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term	Pointing (x, y)						Comment					
02/05 14:23:00 - 02/05 14:29:54	Fixed (528.4, 528.4)						XRT 4 quadrant pointing (3/4)					
PROG= 05 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 21 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─┬─ Seqn= 3 2-time(s) 2.0sec												
└─┬─┬─ Open/Al-mesh Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─┬─┬─ Al-poly/Open Al-poly/Open close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Subr= 3 2-time(s) 2.0sec												
└─┬─ Seqn= 34 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1BCA: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term	Pointing (x, y)						Comment					
02/05 14:33:00 - 02/05 14:39:54	Fixed (-528.4, 528.4)						XRT 4 quadrant pointing (4/4)					
PROG= 10 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─┬─ Seqn= 14 1-time(s) 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band open Safe Norm 1ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec												
└─┬─┬─ Open/thick-Be Open/thick-Be close Safe Dark 1ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												

Seqn= 3		2-time(s)	2.0sec																		
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Subr= 3		2-time(s)	2.0sec																		
Seqn= 34		1-time(s)	2.0sec																		
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec							
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval							

XOB #1C60: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 60s cad

Term	Pointing (x, y)	Comment
02/05 14:43:00 - 02/05 17:59:54	Track (679.0, -483.3) © 02/05 14:40:00	AR tracking
02/05 18:13:00 - 02/06 06:10:24	Track (693.0, -485.5) © 02/05 18:10:00	AR tracking
02/06 06:23:30 - 02/06 10:17:30	Track (735.8, -493.8) © 02/06 06:20:30	AR tracking

PROG= 20 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							
Seqn= 71		3-time(s)	2.0sec																		
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512	(1064, 1048)	Q=98	3	0	2.0sec							
Subr= 2		30-time(s)	60.0sec																		
Seqn= 15		1-time(s)	24.0sec																		
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	512x512	(1064, 1048)	Q=95	2	0	2.0sec							
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512	(1064, 1048)	Q=95	2	0	2.0sec							
Seqn= 58		1-time(s)	24.0sec																		
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec							
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec							
Seqn= 48		1-time(s)	2.0sec																		
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec							
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec							
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval							

XOB #1C31: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(181/1024/8192) +

Term	Pointing (x, y)	Comment
02/05 18:03:00 - 02/05 18:09:54	Fixed (0.0, 0.0)	synoptic
02/06 06:13:30 - 02/06 06:20:24	Fixed (0.0, 0.0)	synoptic, shifted 10.5 min

PROG= 15 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= 93		1-time(s)	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/Open	close	Safe	Norm	1.00s	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= 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)	2.0sec																		
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec							
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval							

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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
02/05 14:43:00 - 02/05 17:59:54	Track (679.0, -483.3) © 02/05 14:40:00	AR tracking
02/05 18:13:00 - 02/06 06:10:24	Track (693.0, -485.5) © 02/05 18:10:00	AR tracking
02/06 06:23:30 - 02/06 10:17:30	Track (735.8, -493.8) © 02/06 06:20:30	AR tracking

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							
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval							

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

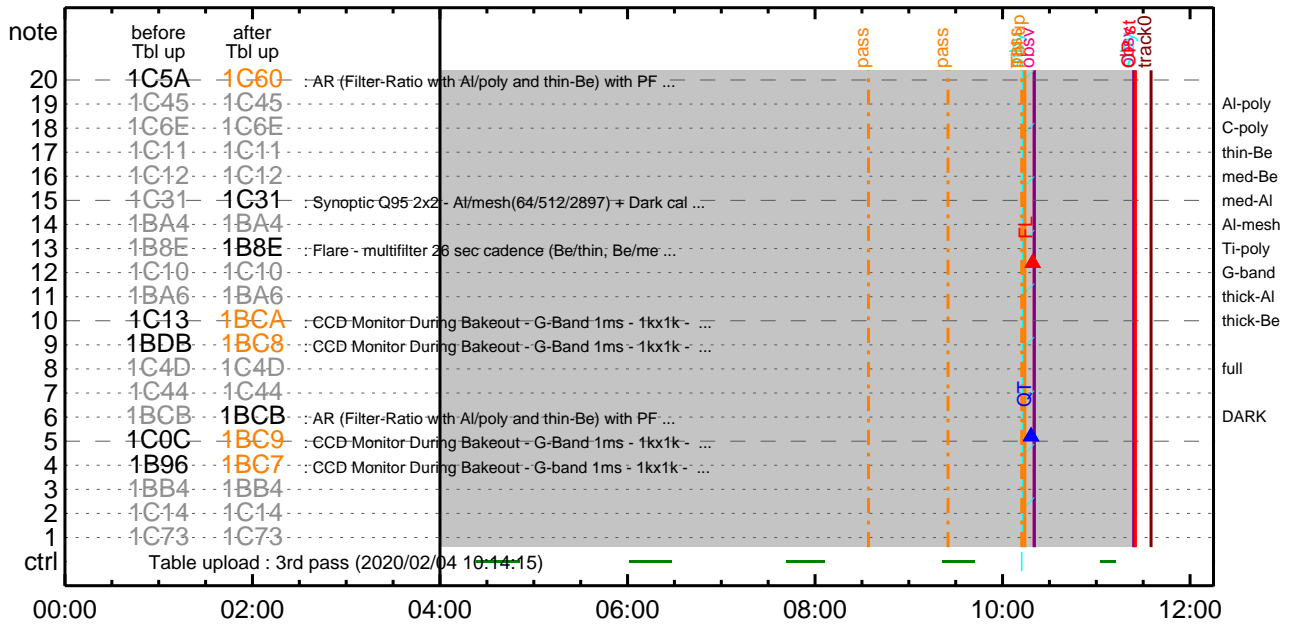
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Flare Detection

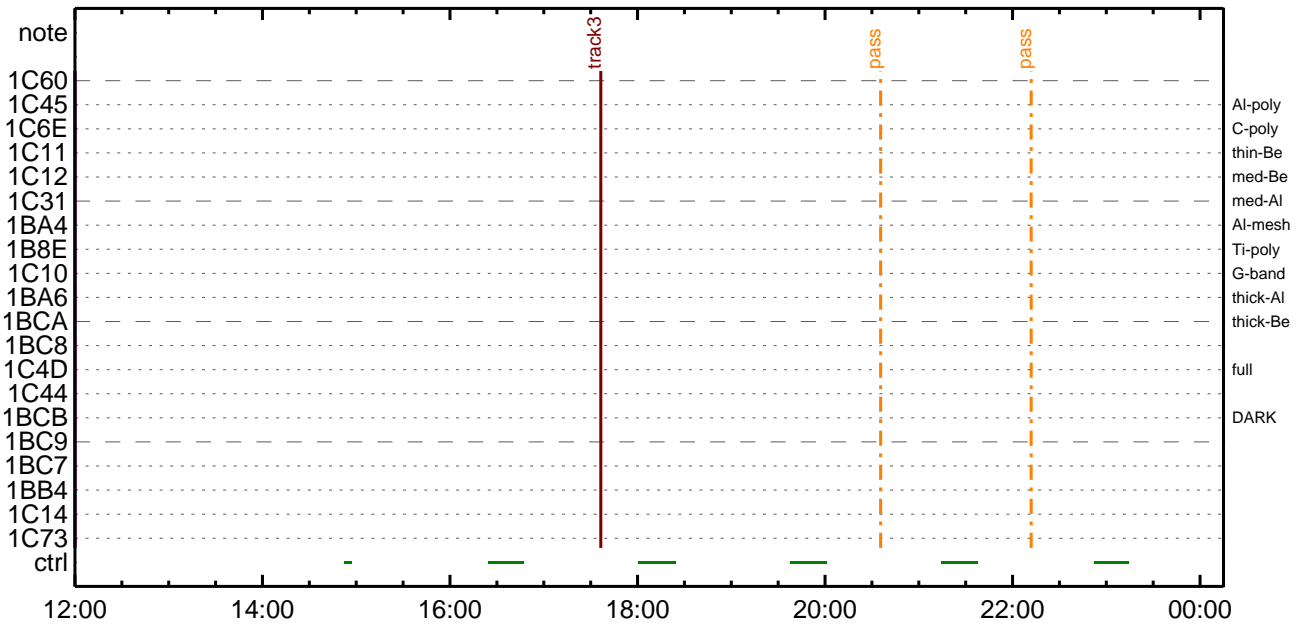
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FLD Patrol												
Term	Pointing (x, y)							Comment				
02/05 14:40:18 - 02/05 18:00:18	Track (679.0, -483.3)	^{@ 02/05 14:40:00}	AR tracking									
02/05 18:10:18 - 02/06 06:10:48	Track (693.0, -485.5)	^{@ 02/05 18:10:00}	AR tracking									
02/06 06:20:48 - 02/08 11:02:00	Track (735.8, -493.8)	^{@ 02/06 06:20:30}	AR tracking									
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	

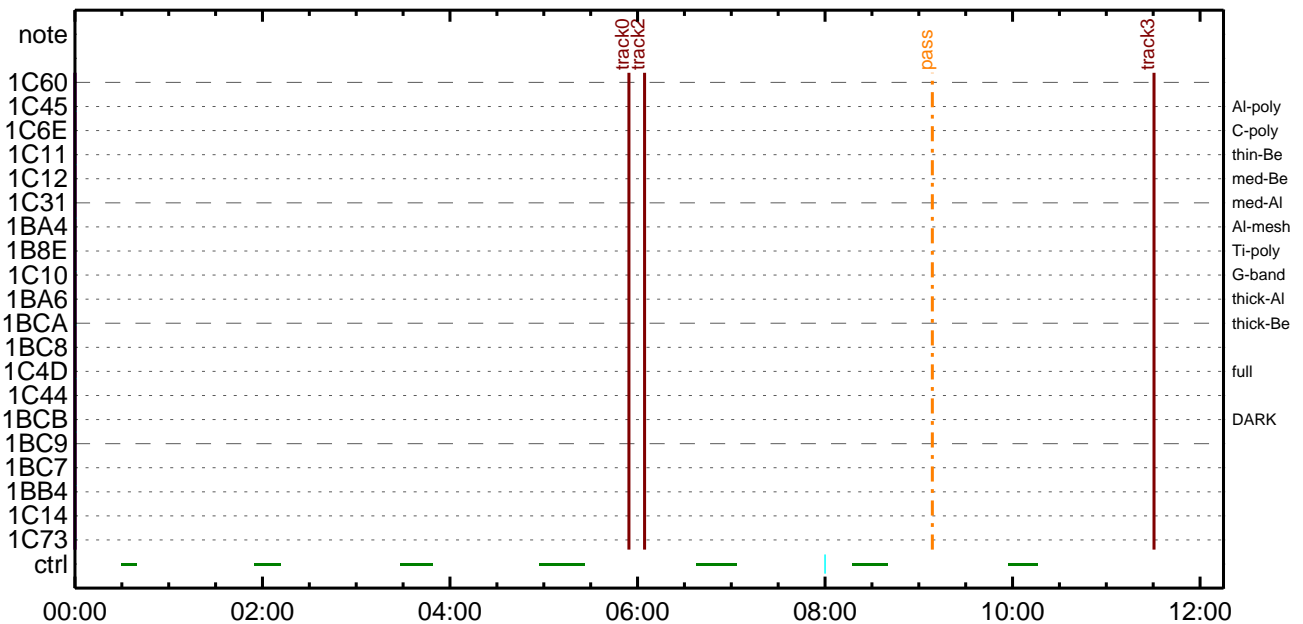
CMDI #0750 2020/02/04



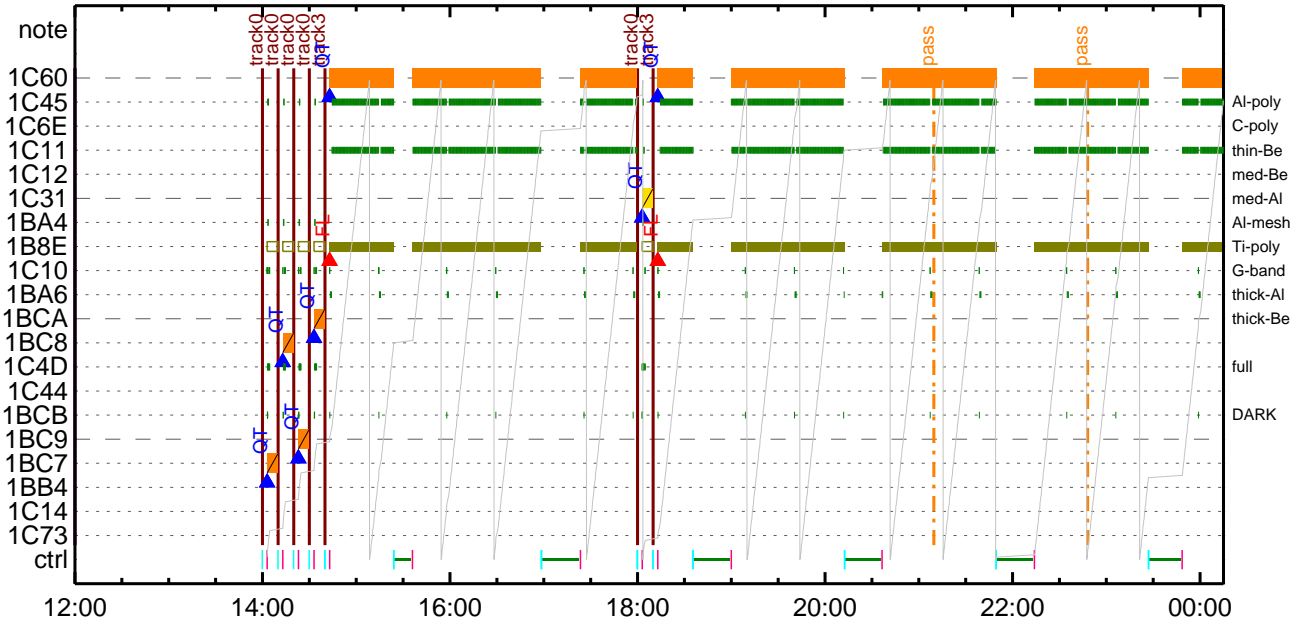
CMDI #0750 2020/02/04



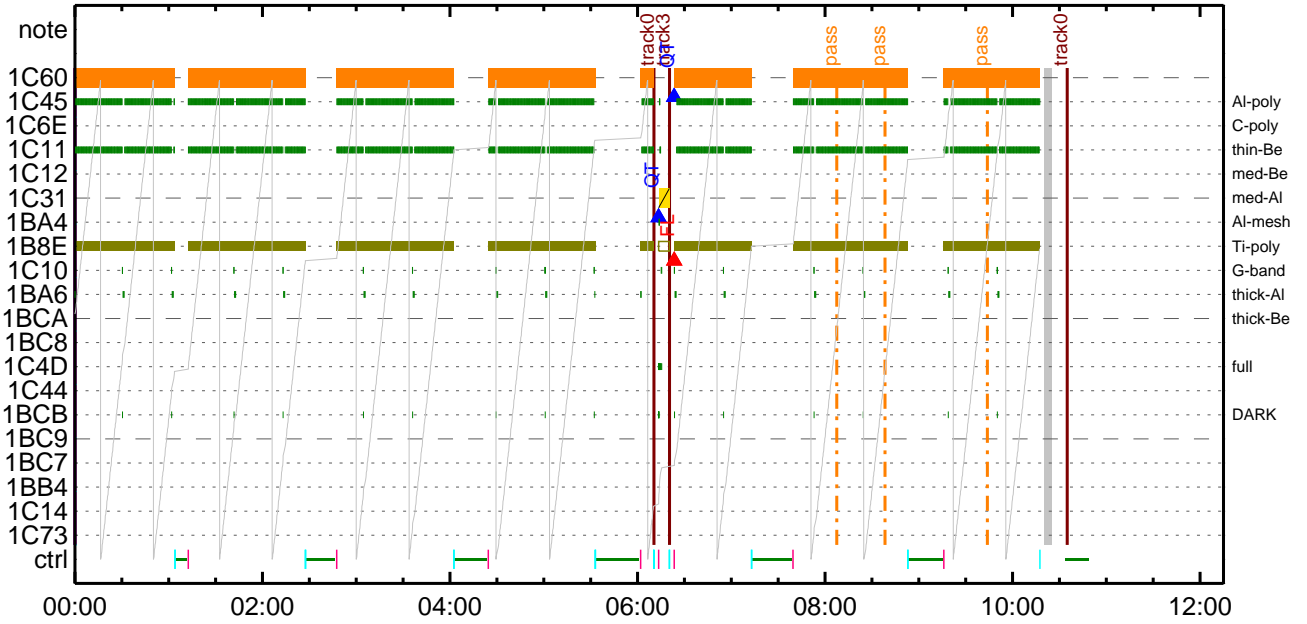
CMDI #0750 2020/02/05



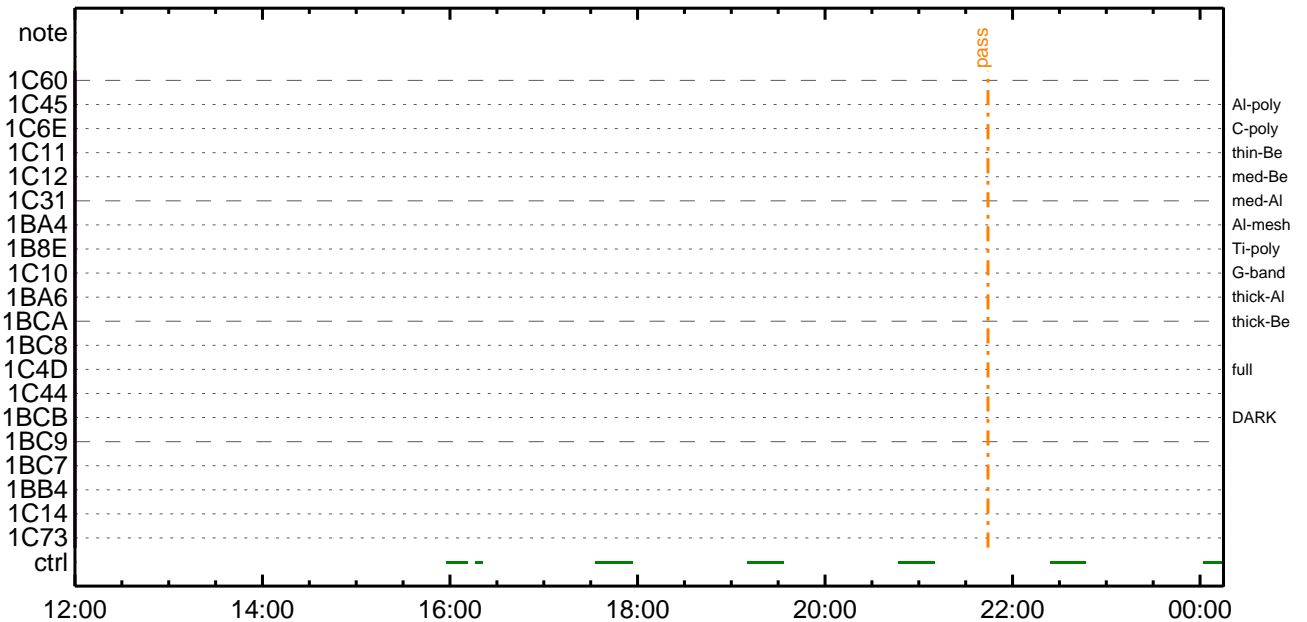
CMDI #0750 2020/02/05



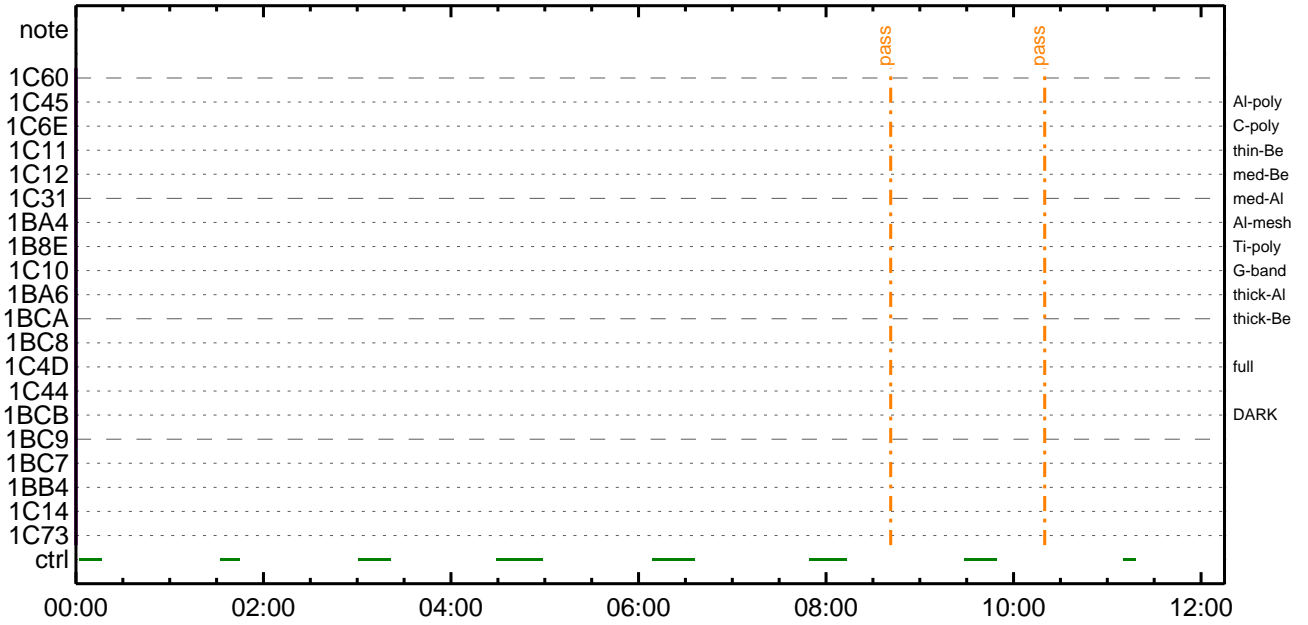
CMDI #0750 2020/02/06



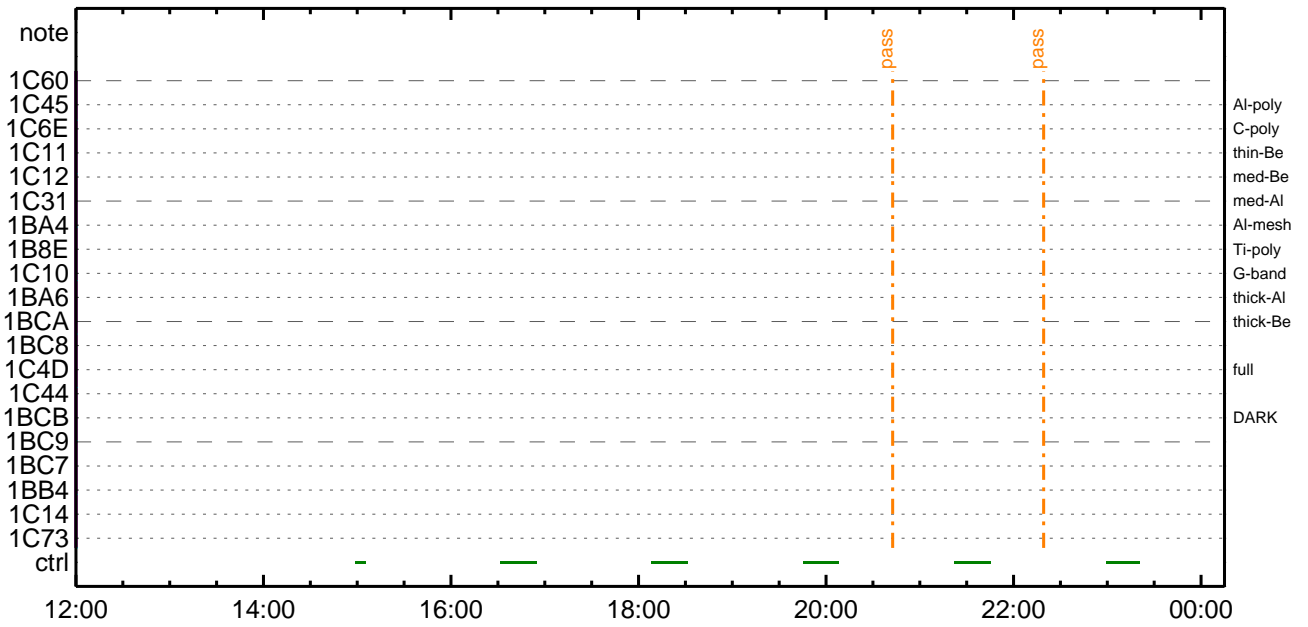
CMDI #0750 2020/02/06



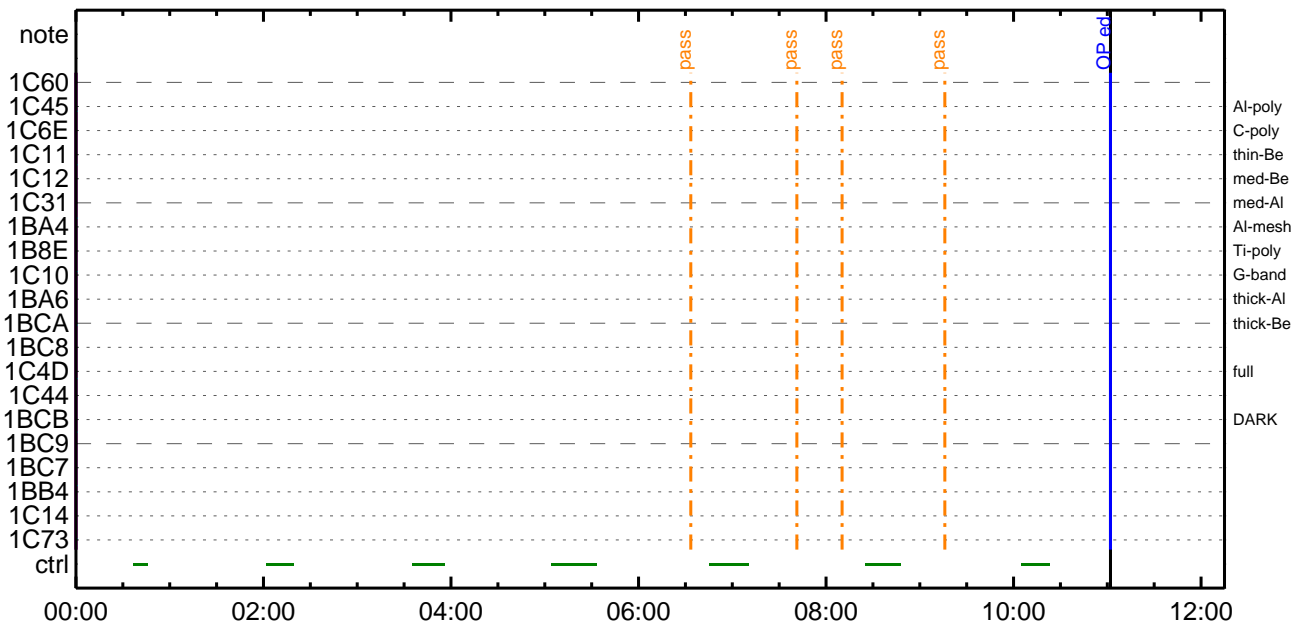
CMDI #0750 2020/02/07

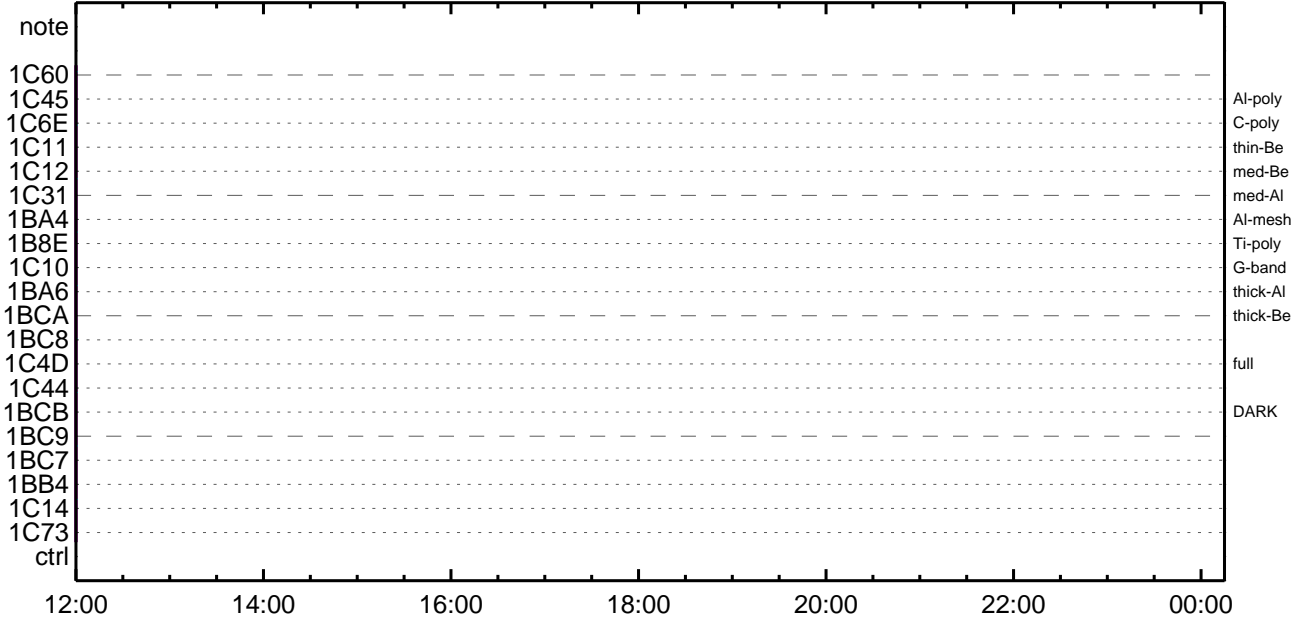


CMDI #0750 2020/02/07



CMDI #0750 2020/02/08





(a) Spacecraft Operation Procedure (real-commands)

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main-593 2020-02-04 11:12:31 278 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYŞ;¼Y³YÞYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èµ¿µÁµ•µ°È»Í×ÁÇµÍYÇYÁY×YÍ;¼YÉ;ÈÈÈµ•ÍÍÈ;ÈµÈ¼°ÇÓµ•µ¿¼Í¹ÇµÍ;çÁ®, ùµ¹µÈµµµÇÁ+¿®µ•µÈµµµ³µÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿µ;ON
0016 C. *****
0017 C. ç“ °ÈÀ, Í×ÈYµáLOSµµÇµÍ»p´Öµµ¹ÍÍ, µ•; çÈÓÍ×µÈXÁÓONµÍ¹ÔµÈµÍµÈµµµ³µÈ;f
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. çç[HK1_XPA_ON/OFF] EQ ON
0025 C. çç[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. çç[HK1_XMOD_ON/OFF] EQ ON
0027 C. çç[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYDYÓYÉYÍYÁY-¾ÔÁÖµ•µ¿µÉ; ç°È²¼µÍ°ÈÀ, ¼È¼Çµµ¿¼Á¹Ôµ¹µÈ;f
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼í°ÈÀ,
0033 C. *****
0034 C. ç“ RESTART;ÈPT1;Èµ•µ¿µµ¼Í¹ÇµÍ; ç°È²¼µÍ°ÈÀ¹Ôµ»µ°; çDCBC-150µ¿¿Èµà;f
0035 C.
0036 . C. ;ãPT1°ÈÀ, ³«»Í;ã
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ô, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYÓYÉYÉÁÛÁÛ;ÈÁ•Á°²óÈò;È, áµÍ°ÈÀ, °È³«;ã
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. çç[HK1_REP_PT_1/2] EQ PT1 (¼Á¹Ô, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÀ, µ-¼«È°Áá»µµµ¿µ¿, á; ç°È²¼µµ¿¼Á¹Ôµ¹µÈ;f
0055 C. YÇYÓYÉYÉÁÛÁÛ°ÈÁ•Á°²óÈòµ-¼áµµ¼Í¹ÇµÍ°ÈÍ°ÈÍ»µ¹µÈµµµÇÁÓµÁ;f
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼í°ÈÀ,
0059 C. *****
0060 C. ç“ RESTART;ÈPT2;Èµ•µ¿µµ¼Í¹ÇµÍ; ç°È²¼µÍ°ÈÀ¹Ôµ»µ°; çDCBC-151µ¿¿Èµà;f
0061 C.
0062 . C. ;ãPT2°ÈÀ, ³«»Í;ã
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ô, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYÓYÉYÉÁÛÁÛ;ÈÁ•Á°²óÈò;È, áµÍ°ÈÀ, °È³«;ã
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. çç[HK1_REP_PT_1/2] EQ PT2 (¼Á¹Ô, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Á¹Ô, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Á¹Ô, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÀ, Áá»µ; çXÁ+¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÀ, Áá»µ;ã
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. çç[HK1_REP_STA/STP] EQ STOP
0087 C. çç[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. çç[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ+¿µ;OFF;ã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. çç[HK1_XMOD_ON/OFF] EQ OFF
0095 C. çç[HK1_XPA_ON/OFF] EQ OFF
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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ä
0100 C. *****
0101 C.
0102 C. ;äOP/OGY1;4YE;ä
0103 S. OP op-593:OP
0104 ( )
0105 S. OG og-593:OG
0106 ( )
0107 C.
0108 C. ;änMOG&OPfî°èYÄYóYx;ä
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YÄYóYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG□î¼È¹ç•ë²îOKò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YÄYóYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG□î¼È¹ç•ë²îOKò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YÄYóYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG,RAM ID=OP□î¼È¹ç•ë²îOKò³îÇ§
0165 C.
0166 C. ***** °È²¼□î¼Ä´¶Á°òÈÈ¬□òÁ÷¿® (¼áµ-YÄYóYx½ªê¼ç□òÁÓÄæ□Ç¼ª°¬□è¼î¹ç□ç□â) *****
0167 C. DHUYâ;¼YE;È¼Y½;Yi;¼YE;È□òîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE |§ OPOG UPLOAD□-Á÷¿®NGUî¼î¹ç;ç°È²¼□î¼TI-CMDÁ÷¿®□î¼Á¹Ô□.□È□□□³□È;f
0180 C. □È□¿;çSET□ÈDUM□î¼±°îYÑY¹□ç¹Ô□|□³□È;f
0181 C.
0182 C. TIY³Y½YóYÈ□òÀDî¿(UT)
0183 +. TI 2020-02-04 11:20:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2020-02-04 11:20:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2020-02-04 11:20:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2020-02-04 11:24:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]              EQ      1COUNTUP
0198 C.
0199 C. °È²¼ïÄë%ïíñòîŷÄŷ$ŷÄŷ-¹àü
0200 C.          çç[HK1_TI_CMD_ENA/DIS]           EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]              EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]           EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]           EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîî°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]         EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]         EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]          EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]         EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]           EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]            EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]           EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]        EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]        EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]           EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»ò³îç$
0226 C.          çç[HK1_DMP_CHK_FLG]           EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLîî°èŷÄŷÖŷ×½ªî»ò³îç$
0229 C.
0230 C. DHUŷä;¼ŷÈ;Èŷ¼, ŷî;¼ŷÈ;Èòòîäñ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]            EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]           EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]        EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]        EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2020-02-04 11:24:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2020-02-04 11:24:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.          [      ] [HK1_TI_CMD_NUM]       EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2020-02-04 11:24:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.          [      ] [HK1_TI_CMD_NUM]       EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP `ûÄîî°èŷ¼ŷòÈÄò¹òèDCBC•×²è *****
0265 C. (¼ª°îŷÖŷÄŷÈŷŷŷÈŷäŷçŷèòÈ¼¼ª»Ûò¹òè)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ŷDŷ¹.İ Daily±;îñòÈ`Øò¹òèDCBC•×²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. ;äLOSŷÄŷ$ŷÄŷ-¼ª»Û;ä
0276 C.
0277 C. ***** LOS *****
0278 C.

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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 85 83 08 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 c0 c0 10 10)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 80 80 20 20)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 40 c0 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b 40 40 10 10)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0c c0 40 10 10)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0d 80 80 20 08)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0e 80 80 08 20)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 0f 80 80 06 06)
0146 + DC 07-F0 MDP_XRT_ROI_SET
0147 BC (cd 10 80 80 08 08)
0148 + DC 07-F0 MDP_XRT_FLD_ENA
0149 BC (d8)
0150 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0151 BC (c8)
0152 + DC 07-F0 MDP_XRT_ARS_DIS
0153 BC (d5)
0154 + DC 07-F0 MDP_XRT_AEC_RESET
0155 BC (d0)
0156 + DC 07-F0 MDP_XRT_FLD_RESET
0157 BC (da)
0158 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0159 BC (c4 06)
0160 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0161 BC (c5 0d)
0162 . C. ----- Success Verify ? OK / NG ____
0163 C.
0164 C.
0165 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0166 C.
0167 +. DC 07-F0 MDP_XRT_MODE_OBSV
0168 BC (c2)
0169 +. TI 2020-02-04 11:24:02.0
0170 DC 07-F0 MDP_XRT_MODE_OBSV
0171 BC (c2)
0172 . C. ----- Success Verify ? OK / NG ____
0173 C.
0174 C. ***** XRT END *****
0175 C.
0176 . C. ***** MDP `úÃîñî»ö¼ÝðÊÄðñ¹ñèDCBC•x²è *****
0177 C. (¼ã°îÿÖÿÄÿËÿÏÿËÿÄÿÇÿÈÿ¼ã¼Ä»Û¹ñé)
0178 . S. DC-BC dcbc-402:DCBC
0179 (MDP_known_event)
0180 C.
0181 C.
0182 . C. ***** ÿÐÿ¹•ÿ Daily±¿îññË´Øñ¹ñèDCBC•x²è *****
0183 . S. DC-BC dcbc-153:DCBC
0184 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0185 C.
0186 C.
0187 . C. ;ãLOSÿÄÿSÿÄÿ-¼Ä»Û;ã
0188 C.
0189 . C. ***** LOS *****
0190 C.

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*** OP Sequence for XRT ***

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2020/02/04 11:35:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM                    5 02-76 00 b3 75 01 f3
2020/02/04 17:36:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 03 00 00 00 00
2020/02/05 05:54:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM                    5 02-76 00 00 00 00 00
2020/02/05 06:04:30.0 AOCs_OrE-point_Start_4_OG [0x09a]
                        AOCU_NM                    5 02-76 02 00 00 00 00
2020/02/05 08:00:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/02/05 08:00:02.0 XRT_TCIB_XRT_S_HTR_A_DIS_429_OG [0x1ad]
                        TCIB_XRT_S_HTR_A_DIS      0 04-C0
2020/02/05 11:30:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 03 00 00 00 00
2020/02/05 13:59:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/02/05 13:59:56.0 XRT_FOCUS_POSITION_439_OG [0x1b7]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2020/02/05 14:00:00.0 AOCs_OrE-point_Start_5_OG [0x09b]
                        AOCU_NM                    5 02-76 00 2e f9 2e f9
2020/02/05 14:02:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/02/05 14:02:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2020/02/05 14:02:56.0 XRT_FLD_DIS_407_OG [0x197]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/02/05 14:02:58.0 XRT_QT_PROG_SET_442_OG [0x1ba]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 04
2020/02/05 14:03:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2020/02/05 14:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/02/05 14:09:56.0 XRT_FOCUS_POSITION_439_OG [0x1b7]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2020/02/05 14:10:00.0 AOCs_OrE-point_Start_6_OG [0x09c]
                        AOCU_NM                    5 02-76 00 2e f9 d1 07
2020/02/05 14:12:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/02/05 14:12:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2020/02/05 14:12:56.0 XRT_FLD_DIS_407_OG [0x197]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/02/05 14:12:58.0 XRT_QT_PROG_SET_449_OG [0x1c1]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 09
2020/02/05 14:13:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2020/02/05 14:19:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/02/05 14:19:56.0 XRT_FOCUS_POSITION_439_OG [0x1b7]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2020/02/05 14:20:00.0 AOCs_OrE-point_Start_7_OG [0x09d]
                        AOCU_NM                    5 02-76 00 d1 07 d1 07
2020/02/05 14:22:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/02/05 14:22:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2020/02/05 14:22:56.0 XRT_FLD_DIS_407_OG [0x197]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/02/05 14:22:58.0 XRT_QT_PROG_SET_421_OG [0x1a5]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 05
2020/02/05 14:23:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2020/02/05 14:29:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/02/05 14:29:56.0 XRT_FOCUS_POSITION_439_OG [0x1b7]
                        XRT_FOCUS_POSITION         4 07-F8 22 ff aa 00
2020/02/05 14:30:00.0 AOCs_OrE-point_Start_8_OG [0x09e]
                        AOCU_NM                    5 02-76 00 d1 07 2e f9
2020/02/05 14:32:52.0 XRT_ARS_DIS_444_OG [0x1bc]
                        MDP_XRT_ARS_DIS           1 07-F0 d5
2020/02/05 14:32:54.0 XRT_FLRCTRL_DIS_428_OG [0x1ac]
                        MDP_XRT_FLRCTRL_DIS        1 07-F0 c9
2020/02/05 14:32:56.0 XRT_FLD_DIS_407_OG [0x197]
                        MDP_XRT_FLD_DIS           1 07-F0 d9
2020/02/05 14:32:58.0 XRT_QT_PROG_SET_433_OG [0x1b1]
                        MDP_XRT_QT_PROG_SET        2 07-F0 c4 0a
2020/02/05 14:33:00.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO          1 07-F0 c0
2020/02/05 14:39:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/02/05 14:39:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU         1 07-F0 c1
2020/02/05 14:39:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION         4 07-F8 22 fe 97 00
2020/02/05 14:40:00.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM                    5 02-76 03 00 00 00 00
2020/02/05 14:40:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA           1 07-F0 d8
2020/02/05 14:40:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA        1 07-F0 c8
2020/02/05 14:40:22.0 XRT_AEC_RESET_448_OG [0x1c0]

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2020/02/05	14:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
			MDP_XRT_ARS_DIS	1	07-F0	d5
2020/02/05	14:40:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	14:42:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2020/02/05	14:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/02/05	14:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	15:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	15:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	15:24:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	15:24:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/05	15:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/05	15:35:00.0	XRT_Custom_430_OG [0x1ae]				
2020/02/05	15:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	16:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	16:58:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	16:58:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	16:58:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/05	17:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/05	17:22:30.0	XRT_Custom_430_OG [0x1ae]				
2020/02/05	17:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/02/05	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2020/02/05	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2020/02/05	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/02/05	18:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/02/05	18:02:58.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2020/02/05	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/02/05	18:10:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 00 00 00 00
2020/02/05	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/02/05	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/02/05	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/02/05	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/02/05	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	18:12:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2020/02/05	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/02/05	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	18:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	18:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	18:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	18:35:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/05	18:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/05	18:59:00.5	XRT_Custom_430_OG [0x1ae]				
2020/02/05	19:00:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	20:12:30.0	XRT_CTRL_MANU_400_OG [0x190]				

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2020/02/05	20:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	20:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	20:12:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	20:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/05	20:35:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/05	20:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2020/02/05	21:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/02/05	21:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	21:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	21:49:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	21:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	22:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/05	22:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/05	23:27:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]			
2020/02/05	23:27:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/02/05	23:27:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/05	23:27:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	23:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/05	23:47:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/05	23:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/06	01:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/06	01:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]			
2020/02/06	01:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/02/06	01:04:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	01:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	01:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	01:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/06	02:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/06	02:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/06	02:27:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_Custom_430_OG [0x1ae]			
2020/02/06	02:27:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/02/06	02:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	02:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	02:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	04:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/06	04:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/06	04:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/06	04:02:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	XRT_Custom_430_OG [0x1ae]			
2020/02/06	04:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/02/06	04:23:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	04:24:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	05:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	05:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/06	05:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/06	05:33:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/06	05:33:06.0	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_Custom_430_OG [0x1ae]			
2020/02/06	05:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_CTRL_AUTO_424_OG [0x1a8]			
2020/02/06	06:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	06:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	06:10:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	06:10:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1

2020/02/06	06:10:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	06:10:30.0	AOCS_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/02/06	06:10:48.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2020/02/06	06:10:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2020/02/06	06:10:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/02/06	06:13:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/02/06	06:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2020/02/06	06:20:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	06:20:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	06:20:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	06:20:30.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/02/06	06:20:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00
2020/02/06	06:20:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2020/02/06	06:20:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/02/06	06:20:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2020/02/06	06:20:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2020/02/06	06:23:26.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/06	06:23:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2020/02/06	06:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/02/06	07:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	07:13:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	07:13:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	07:13:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/06	07:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/06	07:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/06	07:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2020/02/06	08:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	08:53:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	08:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/02/06	08:53:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/02/06	08:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/02/06	09:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/02/06	09:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2020/02/06	10:17:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/02/06	10:35:00.0	AOCS_OrE-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		AOCU_NM		5	02-76	00 00 00 00 00