

XRT Timeline to be uploaded on 2019/02/19

Period: 2019/02/19 10:00:00 - 2019/02/23 10:56:00

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Normal mode

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XOB #1BDB: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 120s cad

Term	Pointing (x, y)	Comment
02/19 10:26:30 - 02/19 15:33:30	Track (-176.2, 162.0) ^{Ⓜ 02/19 10:10:00}	# OP start + 10min, Plage observation
02/20 06:34:30 - 02/20 09:59:54	Track (14.7, 163.9) ^{Ⓜ 02/20 06:31:30}	Plage observation
02/20 16:03:00 - 02/20 17:44:00	Track (103.6, 163.2) ^{Ⓜ 02/20 16:00:00}	Plage observation
02/21 00:03:00 - 02/21 01:59:54	Track (177.8, 161.8) ^{Ⓜ 02/21 00:00:00}	Plage observation
02/21 06:06:00 - 02/21 08:00:30	Track (233.1, 160.3) ^{Ⓜ 02/21 06:03:00}	Plage observation
PROG= 09 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 92 1-time(s) 2.0sec		
Open/G-band Open/G-band open	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/G-band Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/Ti-poly Open/thick-Al close	Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
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) 120.0sec		
Seqn= 89 1-time(s) 40.0sec		
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) 40.0sec		
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
02/19 15:49:30 - 02/19 15:56:24	Fixed (0.0, 0.0)	synoptic, shifted manually
02/20 06:24:32 - 02/20 06:31:24	Fixed (0.0, 0.0)	HOP349 and synoptic
02/20 18:10:30 - 02/20 18:17:24	Fixed (0.0, 0.0)	synoptic, shifted 7.5 min
02/21 05:54:56 - 02/21 06:02:54	Fixed (0.0, 0.0)	HOP349 and synoptic
PROG= 03 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= 18 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

XOB #1C2E: CME watch - 4x4 - AEC 2 - 2-filter (Be-thin, Al-poly) - G-band (1x1,1ms) - Leak (1x1,1ms) - 360s cad

Term	Pointing (x, y)	Comment
02/19 15:59:30 - 02/20 01:59:54	Track (564.3, 53.7) ^{Ⓜ 02/19 15:56:30}	HOP364 (day3)
02/20 18:20:30 - 02/20 23:59:54	Track (-25.3, -0.1) ^{Ⓜ 02/20 18:17:30}	EIS sensitivity monitoring
PROG= 15 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 30-time(s) 360.0sec		
Seqn= 95 1-time(s) 2.0sec		
thin-Be/Open med-Be/Open close	Safe Norm 4.00s Obs 4x4 2048x2048 (1024, 1024)	Q=98 2 0 2.0sec
Seqn= 31 1-time(s) 2.0sec		
Al-poly/Open thin-Be/Open close	Safe Norm 500ms 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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XOB #1C30: HOP349 - 3-filter Synoptics (Al-mesh[64/512/2897], Al-poly[181/1024/8192], thin-Be[1024/11571/23142] with 512x512 G-band 1ms+Leak - 50min

Term	Pointing (x, y)	Comment
02/20 02:03:00 - 02/20 06:24:00	Fixed (0.0, 0.0)	HOP349 and synoptic
02/21 02:03:00 - 02/21 05:54:24	Fixed (0.0, 0.0)	HOP349 and synoptic
PROG= 16 Inf.-time(s)		
Subr= 1 1-time(s) 600.0sec		
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= 18 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= 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 4-time(s) 600.0sec		
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

XOB #1B93: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 30s cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
02/20 10:03:00 - 02/20 15:59:54	Fixed (-20.0, -954.0)	HOP206 S-pole
PROG= 02 Inf.-time(s)		
Subr= 1 1-time(s) 2.0sec		
Seqn= 16 2-time(s) 2.0sec		
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 90 1-time(s) 30.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Subr= 3 60-time(s) 2.0sec		
Seqn= 57 1-time(s) 30.0sec		
Open/Al-mesh	Open/Al-mesh close	Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec
Al-poly/Open	Al-poly/Open close	Safe Norm 5.66s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec

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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
02/19 10:26:30 - 02/19 15:33:30	Track (-176.2, 162.0) [Ⓜ] 02/19 10:10:00	# OP start + 10min, Plage observation
02/19 15:59:30 - 02/20 01:59:54	Track (564.3, 53.7) [Ⓜ] 02/19 15:56:30	HOP364 (day3)
02/20 02:03:00 - 02/20 06:24:00	Fixed (0.0, 0.0)	HOP349 and synoptic
02/20 06:34:30 - 02/20 09:59:54	Track (14.7, 163.9) [Ⓜ] 02/20 06:31:30	Plage observation
02/20 10:03:00 - 02/20 15:59:54	Fixed (-20.0, -954.0)	HOP206 S-pole
02/20 16:03:00 - 02/20 17:44:00	Track (103.6, 163.2) [Ⓜ] 02/20 16:00:00	Plage observation
02/20 18:20:30 - 02/20 23:59:54	Track (-25.3, -0.1) [Ⓜ] 02/20 18:17:30	EIS sensitivity monitoring
02/21 00:03:00 - 02/21 01:59:54	Track (177.8, 161.8) [Ⓜ] 02/21 00:00:00	Plage observation
02/21 02:03:00 - 02/21 05:54:24	Fixed (0.0, 0.0)	HOP349 and synoptic
02/21 06:06:00 - 02/21 08:00:30	Track (233.1, 160.3) [Ⓜ] 02/21 06:03:00	Plage observation
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

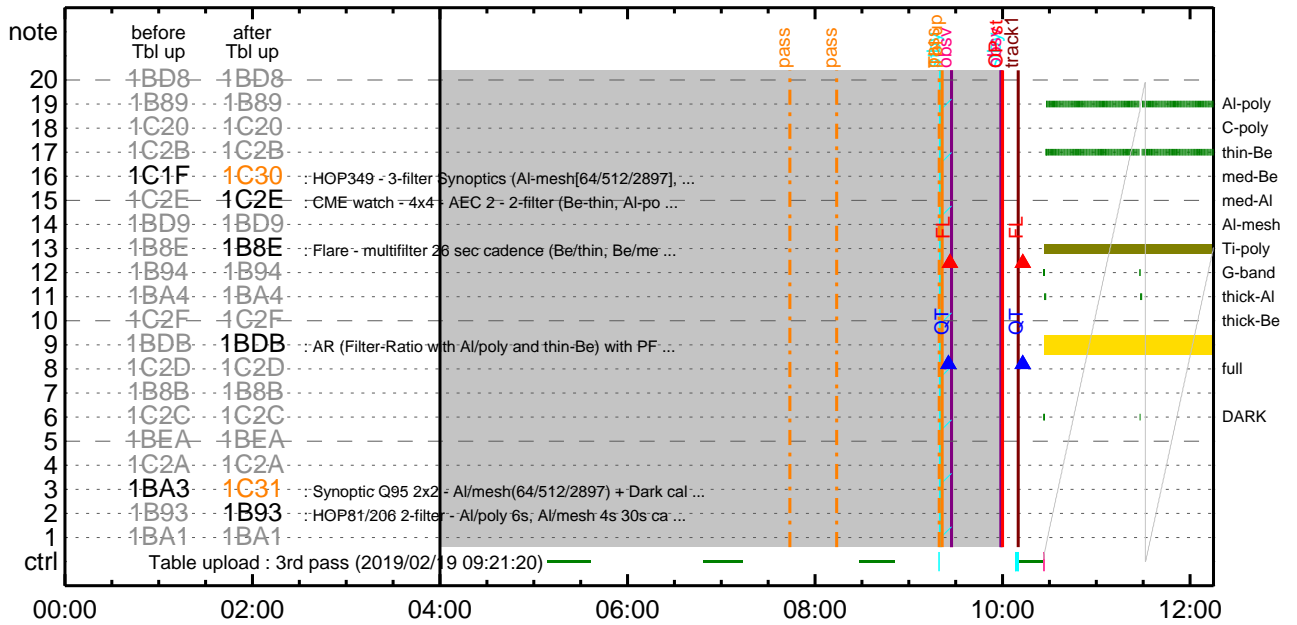
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Flare Detection

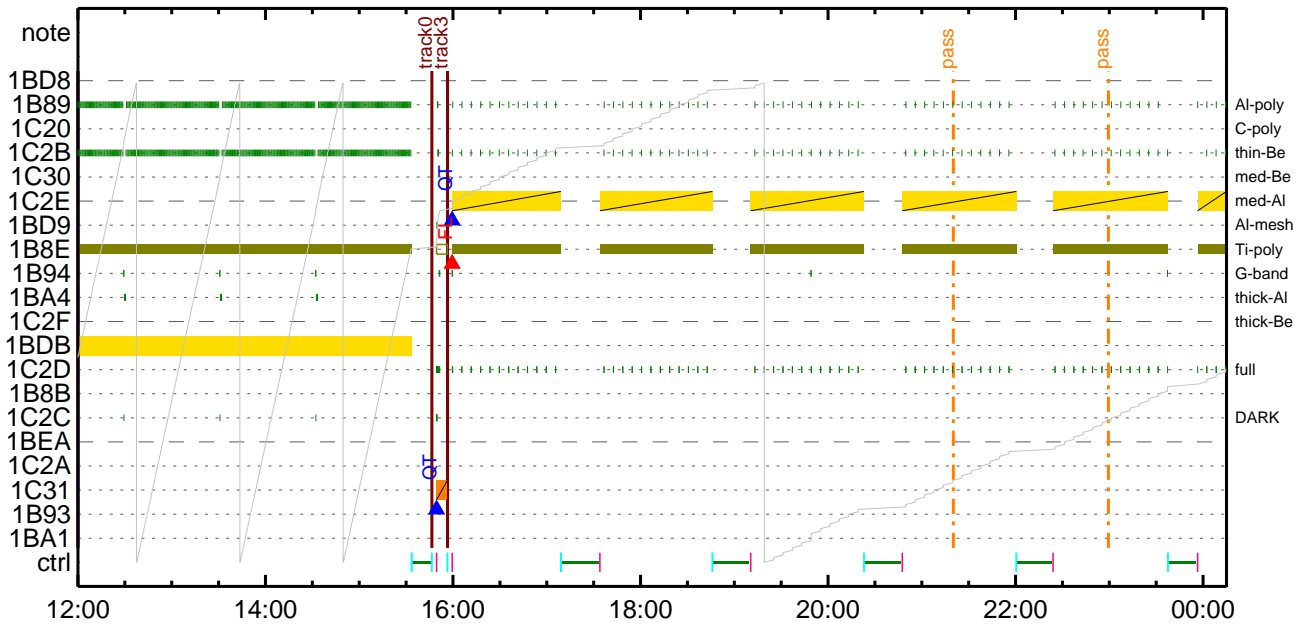
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FLD Patrol													
Term			Pointing (x, y)					Comment					
02/19 15:56:48 - 02/20 06:24:24	Track (564.3,	53.7)	<small>@ 02/19 15:56:30</small>	HOP364 (day3)								
02/20 06:31:48 - 02/20 18:07:48	Track (	14.7,	163.9)	<small>@ 02/20 06:31:30</small>	Plage observation								
02/20 18:17:48 - 02/21 05:54:48	Track (	-25.3,	-0.1)	<small>@ 02/20 18:17:30</small>	EIS sensitivity monitoring								
02/21 06:03:18 - 02/23 10:56:00	Track (	233.1,	160.3)	<small>@ 02/21 06:03:00</small>	Plage observation								
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	8x8	Q=50		80sec			
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

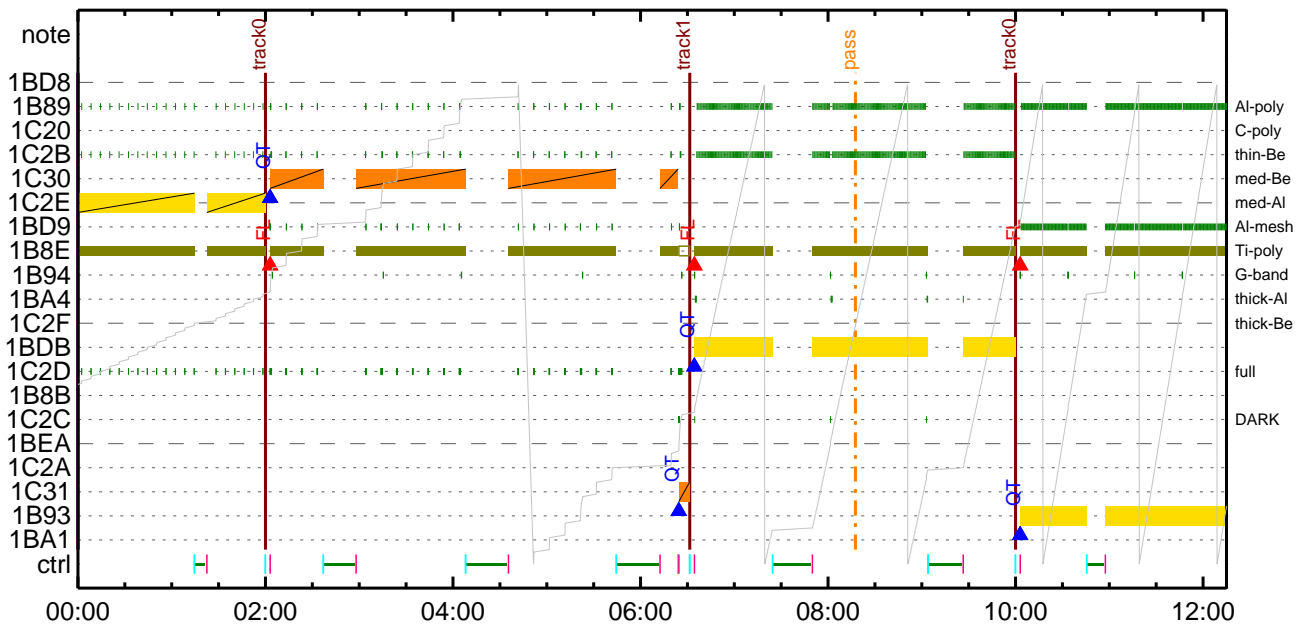
CMDI #0064 2019/02/19



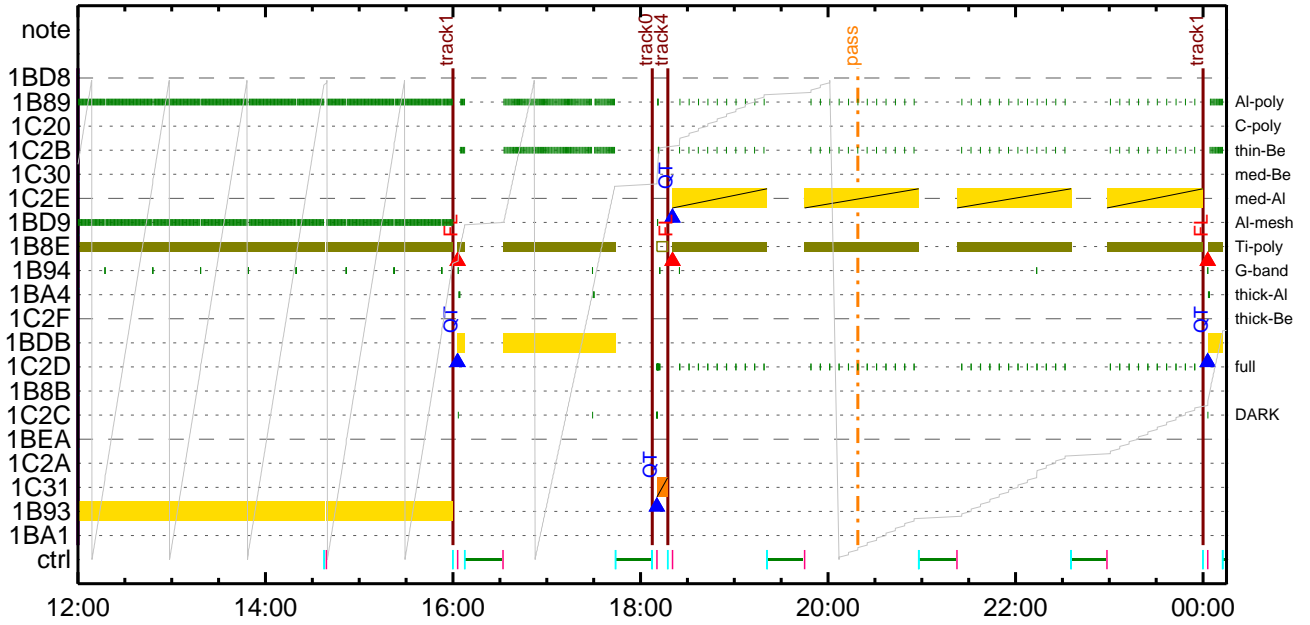
CMDI #0064 2019/02/19



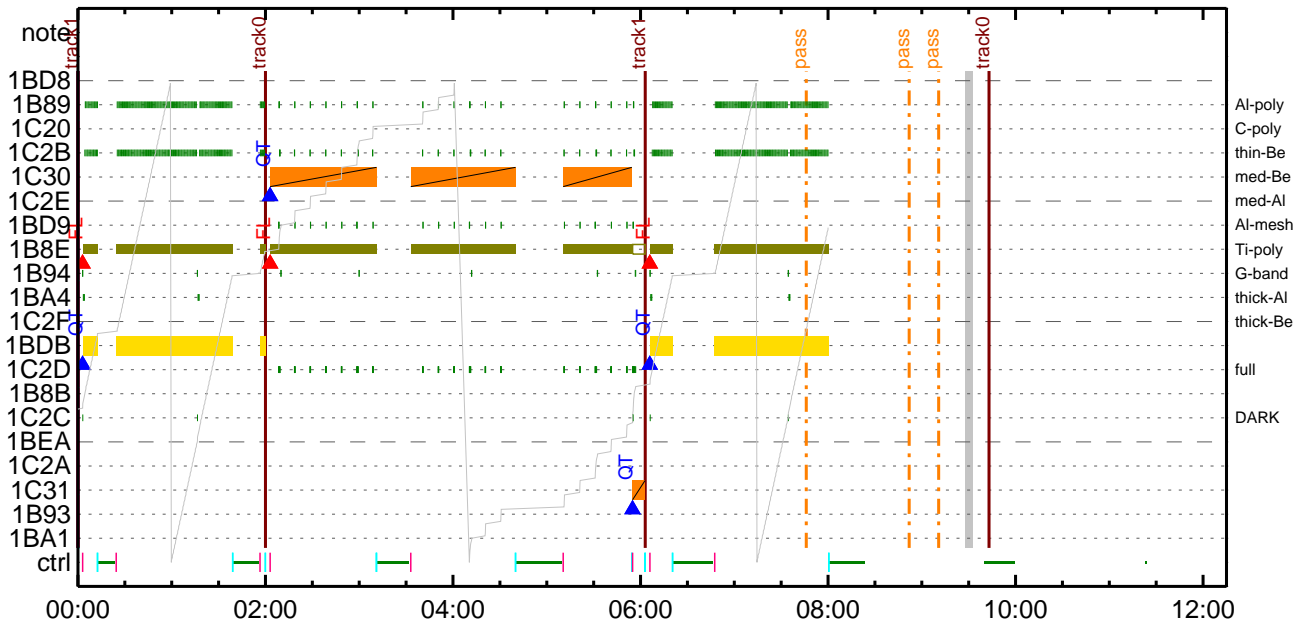
CMDI #0064 2019/02/20



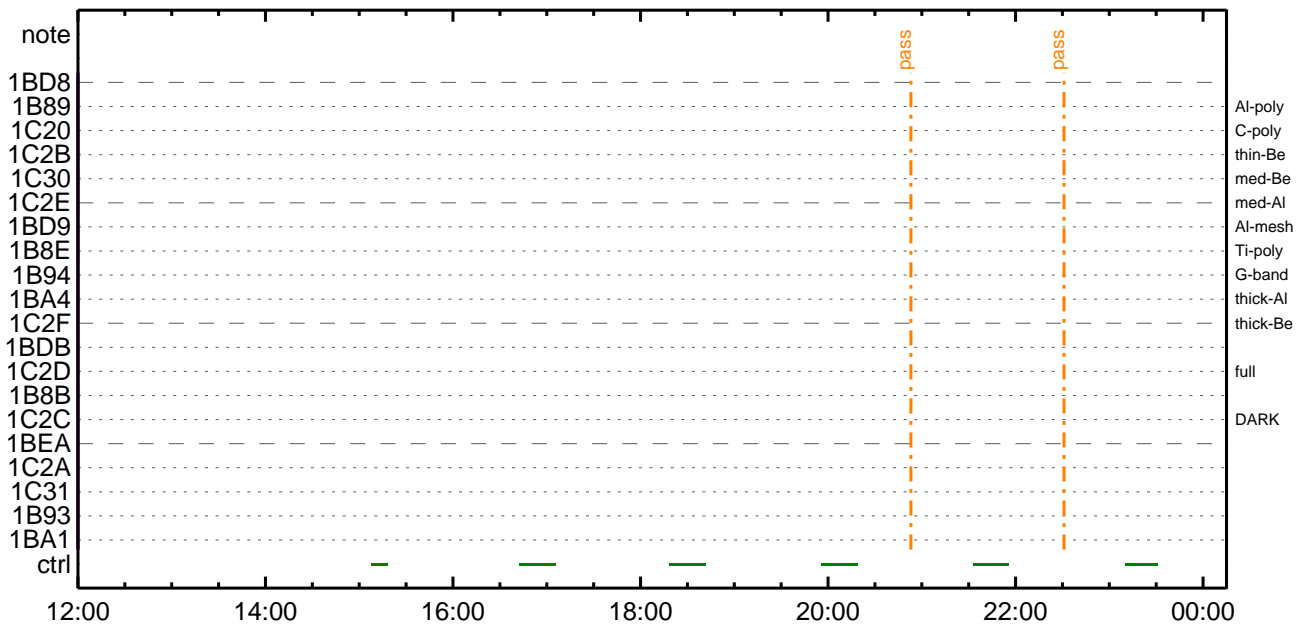
CMDI #0064 2019/02/20



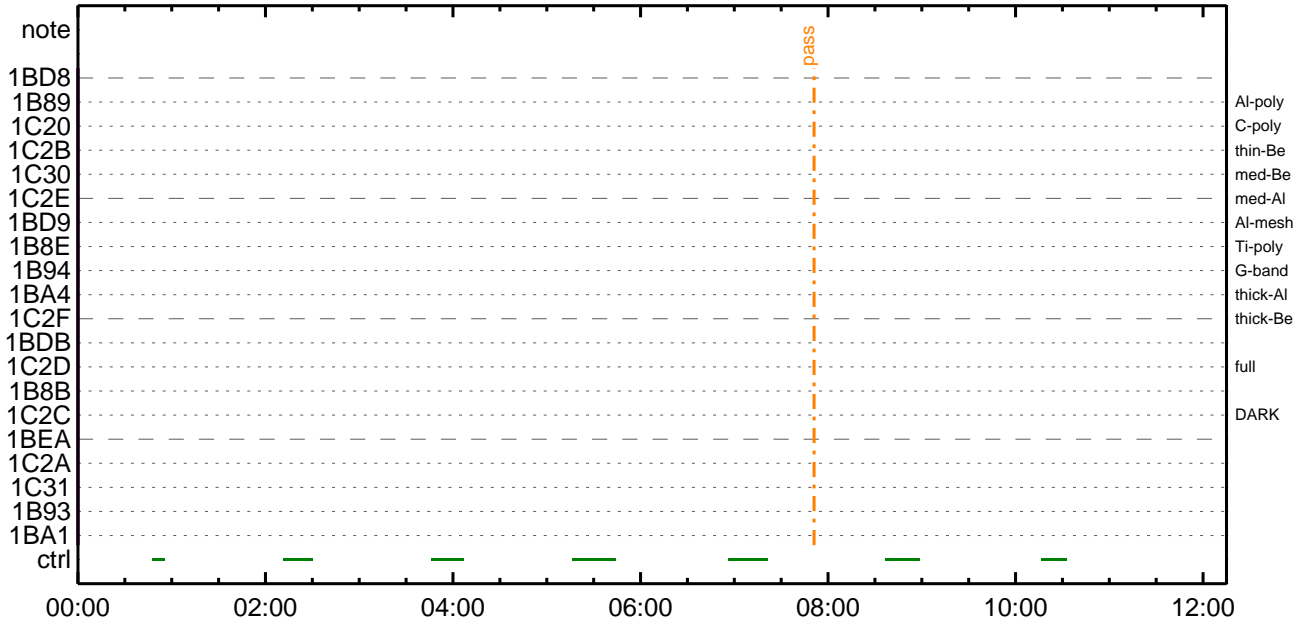
CMDI #0064 2019/02/21



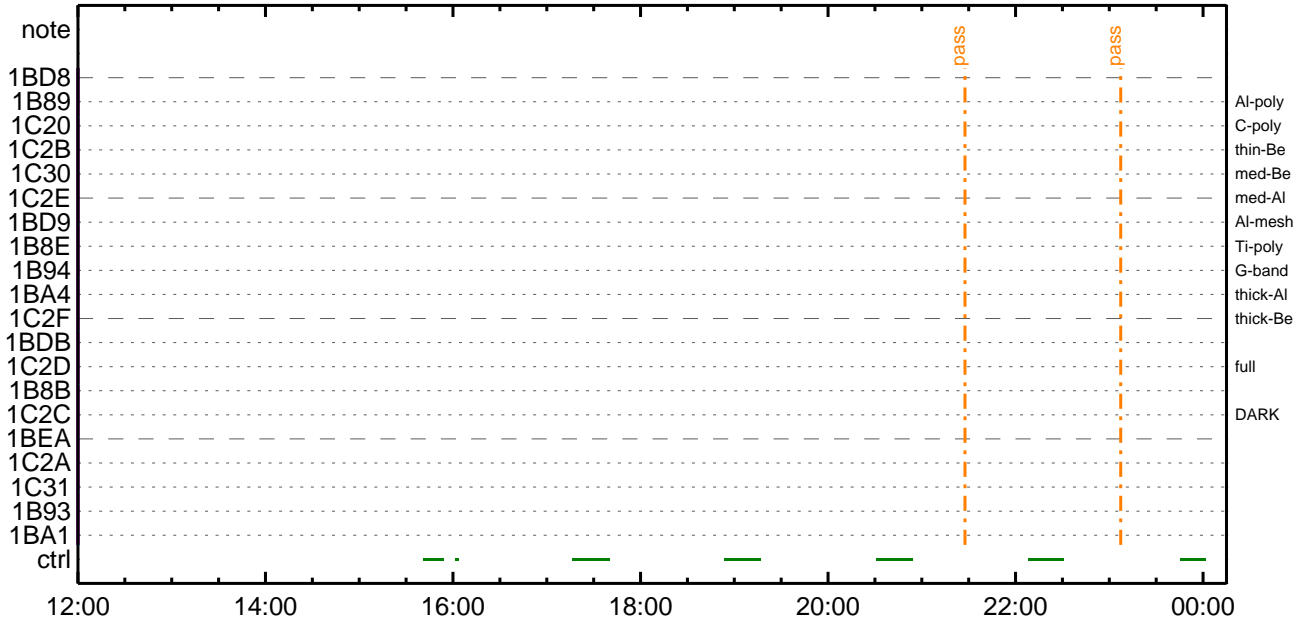
CMDI #0064 2019/02/21



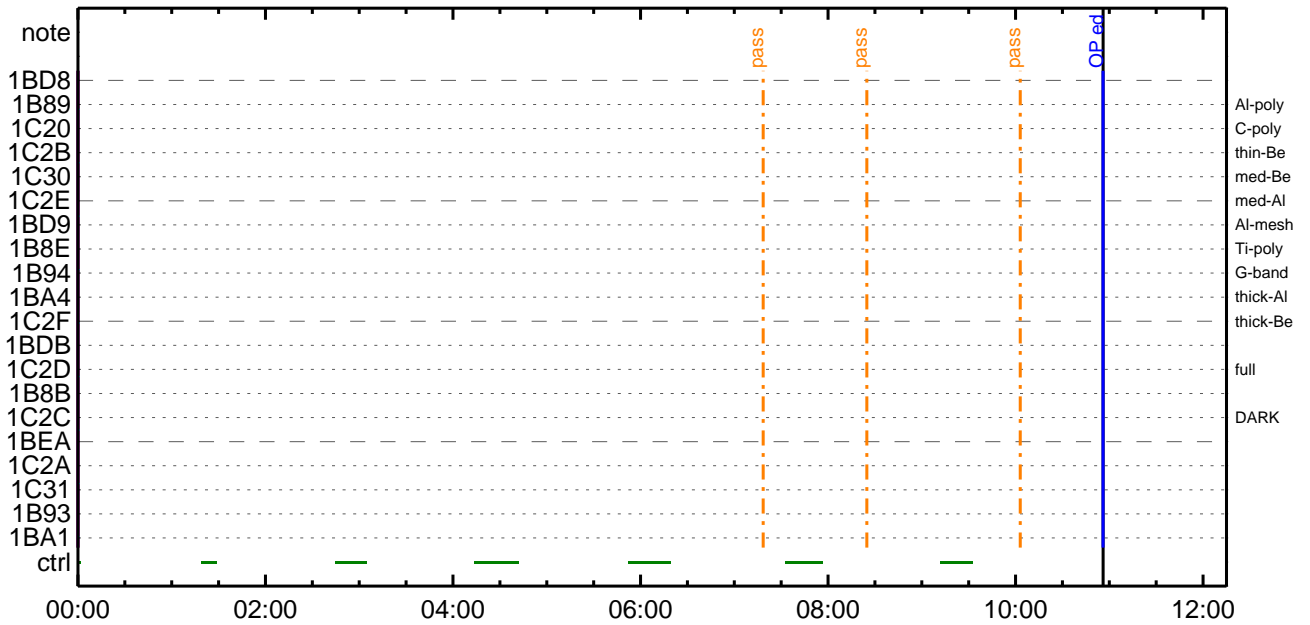
CMDI #0064 2019/02/22



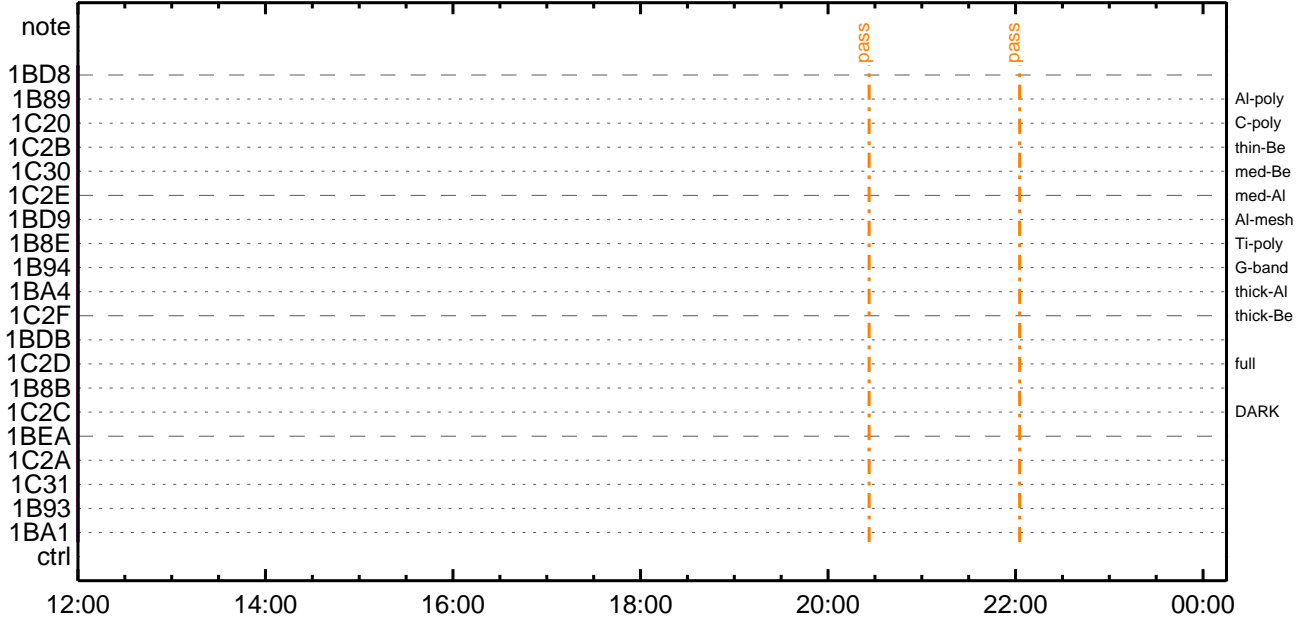
CMDI #0064 2019/02/22



CMDI #0064 2019/02/23



CMDI #0064 2019/02/23



(a) Spacecraft Operation Procedure (real-commands)

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main-934 2019-02-19 12:54:00 278 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Ã»Û;ã
0005 C.
0006 C. YÀYß;¼Y³YFÝÖYÉÄ+ç®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;ÊçðÄð•µ°Ê»Í×ÁÇçÍYçYÁY×Yí;¼YÉ;ÊÈèµ•ííÊ;ÈðÊ¼°ÇÔñ•ñç¼l¹ççí;çÄ®, ùñ¹ñèñðñçÄ+ç®ñ•ñèñññ³ñÈ;ç
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+çµ;ON
0016 C. *****
0017 C. ç" °ËÀ, Í×ÈYñàLOSpñçñÍ»p´Ôñð¹íí, ñ•; çÉÔÍ×ñÈXÁÓONñí¹ÔñÈñíñèñññ³ñÈ;ç
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. XYDÝÖYÉYíYÁY-¼ÔÏñ-ñÁÄèñ•çç; ç°È²¼ñí°ËÀ, ¼È¼çñð¼Ã¹Ôñ¹ñè;ç
0030 C.
0031 . C. *****
0032 C. DR PT1 ÁÍ¼í°ËÀ,
0033 C. *****
0034 C. ç" RESTART;ÈPT1;Èñ•çç¼ñ¼l¹ççí; ç°È²¼ñí°ËÀ¹Ôñ»ñ°; çDCBC-150ñØçÈñà;ç
0035 C.
0036 . C. ;ãPT1°ËÀ, 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 (¼Ã¹Ô, ;¼Ú)
0043 C. çç[HK1_REP_STA/STP] EQ START (¼Ã¹Ô, ;¼Ú)
0044 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ô, ;¼Ú)
0045 C.
0046 . C. ;ãYçYÖYÉYÈÀÛÄÖ;ÈÄ•Á°²óÈð;È, áñí°ËÀ, °Ë³«;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 (¼Ã¹Ô, ;¼Ú)
0050 C. çç[HK1_REP_STA/STP] EQ START (¼Ã¹Ô, ;¼Ú)
0051 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ô, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ËÀ, ñ-¼«Ë°Äã»ßñ•çç; á; ç°È²¼ñð¼Ã¹Ôñ¹ñè;ç
0055 C. YçYÖYÉYÈÀÛÄÖñàÄ•Á°²óÈðñ-¶áñ¼l¹ççí°í»ñ¹ñèñðñçÄÔñÄ;ç
0056 C.
0057 . C. *****
0058 C. DR PT2 ÁÍ¼í°ËÀ,
0059 C. *****
0060 C. ç" RESTART;ÈPT2;Èñ•çç¼ñ¼l¹ççí; ç°È²¼ñí°ËÀ¹Ôñ»ñ°; çDCBC-151ñØçÈñà;ç
0061 C.
0062 . C. ;ãPT2°ËÀ, 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 (¼Ã¹Ô, ;¼Ú)
0069 C. çç[HK1_REP_STA/STP] EQ START (¼Ã¹Ô, ;¼Ú)
0070 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ô, ;¼Ú)
0071 C.
0072 . C. ;ãYçYÖYÉYÈÀÛÄÖ;ÈÄ•Á°²óÈð;È, áñí°ËÀ, °Ë³«;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 (¼Ã¹Ô, ;¼Ú)
0076 C. çç[HK1_REP_STA/STP] EQ START (¼Ã¹Ô, ;¼Ú)
0077 C. çç[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ô, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ËÄ, Äã»ß;çXÁ+çµ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ËÄ, Äã»ß;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+çµ;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
```


*** OP Sequence for XRT ***

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2019/02/19 10:08:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 10:08:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 10:08:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/02/19 10:08:36.0 XRT_PREFLR_STRT_428_OG [0x1ac]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/02/19 10:09:54.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 10:09:56.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 10:09:58.0 XRT_FOCUS_POSITION_410_OG [0x19a]
                        XRT_FOCUS_POSITION 4 07-F8 22 fe 97 00
2019/02/19 10:10:00.0 AOCs_OrE-point_Start_1_OG [0x097]
                        AOCU_NM 5 02-76 01 03 02 01 ca
2019/02/19 10:10:18.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2019/02/19 10:10:20.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/02/19 10:10:22.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2019/02/19 10:10:24.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/02/19 10:10:26.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/02/19 10:11:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/02/19 10:12:56.0 XRT_QT_PROG_SET_438_OG [0x1b6]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 09
2019/02/19 10:12:58.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/02/19 10:25:30.0 XRT_Custom_430_OG [0x1ae]
2019/02/19 10:26:30.0 XRT_CTRL_AUTO_424_OG [0x1a8]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/02/19 15:33:30.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 15:33:32.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 15:33:34.0 XRT_FLD_RESET_415_OG [0x19f]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/02/19 15:33:36.0 XRT_PREFLR_STRT_428_OG [0x1ac]
                        MDP_XRT_PREFLR_STRT 1 07-F0 e8
2019/02/19 15:36:44.0 XRT_PREFLR_STOP_419_OG [0x1a3]
                        MDP_XRT_PREFLR_STOP 1 07-F0 e9
2019/02/19 15:46:24.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 15:46:26.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 15:46:28.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/02/19 15:46:30.0 AOCs_OrE-point_Start_2_OG [0x098]
                        AOCU_NM 5 02-76 00 00 00 00 00
2019/02/19 15:46:48.0 XRT_FLD_DIS_409_OG [0x199]
                        MDP_XRT_FLD_DIS 1 07-F0 d9
2019/02/19 15:46:50.0 XRT_FLRCTRL_DIS_413_OG [0x19d]
                        MDP_XRT_FLRCTRL_DIS 1 07-F0 c9
2019/02/19 15:46:52.0 XRT_ARS_DIS_443_OG [0x1bb]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/02/19 15:49:28.0 XRT_QT_PROG_SET_401_OG [0x191]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 03
2019/02/19 15:49:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/02/19 15:56:24.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 15:56:26.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 15:56:28.0 XRT_FOCUS_POSITION_406_OG [0x196]
                        XRT_FOCUS_POSITION 4 07-F8 22 ff aa 00
2019/02/19 15:56:30.0 AOCs_OrE-point_Start_3_OG [0x099]
                        AOCU_NM 5 02-76 03 03 02 01 ca
2019/02/19 15:56:48.0 XRT_FLD_ENA_411_OG [0x19b]
                        MDP_XRT_FLD_ENA 1 07-F0 d8
2019/02/19 15:56:50.0 XRT_FLRCTRL_ENA_412_OG [0x19c]
                        MDP_XRT_FLRCTRL_ENA 1 07-F0 c8
2019/02/19 15:56:52.0 XRT_AEC_RESET_448_OG [0x1c0]
                        MDP_XRT_AEC_RESET 1 07-F0 d0
2019/02/19 15:56:54.0 XRT_ARS_DIS_423_OG [0x1a7]
                        MDP_XRT_ARS_DIS 1 07-F0 d5
2019/02/19 15:56:56.0 XRT_FLD_RESET_434_OG [0x1b2]
                        MDP_XRT_FLD_RESET 1 07-F0 da
2019/02/19 15:59:26.0 XRT_QT_PROG_SET_444_OG [0x1bc]
                        MDP_XRT_QT_PROG_SET 2 07-F0 c4 0f
2019/02/19 15:59:28.0 XRT_FL_PROG_SET_440_OG [0x1b8]
                        MDP_XRT_FL_PROG_SET 2 07-F0 c5 0d
2019/02/19 15:59:30.0 XRT_CTRL_AUTO_408_OG [0x198]
                        MDP_XRT_CTRL_AUTO 1 07-F0 c0
2019/02/19 17:09:00.0 XRT_CTRL_MANU_400_OG [0x190]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1
2019/02/19 17:09:02.0 XRT_CTRL_MANU_402_OG [0x192]
                        MDP_XRT_CTRL_MANU 1 07-F0 c1

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2019/02/19	17:09:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/02/19	17:09:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/02/19	17:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/02/19	17:33:00.0	XRT_Custom_430_OG [0x1ae]							
2019/02/19	17:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/02/19	18:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	18:46:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	18:46:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/02/19	18:46:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/02/19	18:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/02/19	19:09:30.0	XRT_Custom_430_OG [0x1ae]							
2019/02/19	19:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/02/19	20:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	20:23:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	20:23:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/02/19	20:23:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/02/19	20:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/02/19	20:46:30.0	XRT_Custom_430_OG [0x1ae]							
2019/02/19	20:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/02/19	22:00:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	22:00:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	22:00:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/02/19	22:00:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/02/19	22:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/02/19	22:23:01.0	XRT_Custom_430_OG [0x1ae]							
2019/02/19	22:24:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/02/19	23:37:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	23:37:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/19	23:37:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/02/19	23:37:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/02/19	23:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/02/19	23:55:30.0	XRT_Custom_430_OG [0x1ae]							
2019/02/19	23:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/02/20	01:14:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/20	01:14:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/20	01:14:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/02/20	01:14:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/02/20	01:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/02/20	01:21:30.0	XRT_Custom_430_OG [0x1ae]							
2019/02/20	01:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/02/20	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/20	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/02/20	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/02/20	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2019/02/20	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/02/20	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/02/20	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/02/20	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/02/20	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/02/20	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							

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2019/02/20	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/02/20	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/20	02:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	02:37:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	02:37:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/20	02:37:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/02/20	02:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/02/20	02:57:00.0	XRT_Custom_430_OG [0x1ae]					
2019/02/20	02:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/20	04:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	04:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	04:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/20	04:08:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/02/20	04:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/02/20	04:34:30.0	XRT_Custom_430_OG [0x1ae]					
2019/02/20	04:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/20	05:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	05:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	05:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/20	05:44:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/02/20	05:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/02/20	06:11:30.0	XRT_Custom_430_OG [0x1ae]					
2019/02/20	06:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/20	06:24:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	06:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	06:24:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2019/02/20	06:24:24.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/02/20	06:24:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/02/20	06:24:28.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/02/20	06:24:30.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2019/02/20	06:24:32.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/20	06:31:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	06:31:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	06:31:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2019/02/20	06:31:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	03 02 01 ca
2019/02/20	06:31:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/02/20	06:31:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/02/20	06:31:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/02/20	06:31:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/02/20	06:31:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/20	06:34:26.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2019/02/20	06:34:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2019/02/20	06:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/20	07:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	07:24:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/20	07:24:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/20	07:24:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/02/20	07:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					

2019/02/20	07:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/02/20	07:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/02/20	09:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/02/20	09:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	09:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	09:04:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/02/20	09:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/02/20	09:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/02/20	09:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/02/20	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/02/20	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	10:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/02/20	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 54 cc 01 ca		
2019/02/20	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/02/20	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/02/20	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/02/20	10:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/02/20	10:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/02/20	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2019/02/20	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/02/20	10:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/02/20	10:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	10:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	10:45:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/02/20	10:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/02/20	10:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/02/20	10:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/02/20	14:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/02/20	14:37:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	14:37:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	14:37:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/02/20	14:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/02/20	14:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2019/02/20	14:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/02/20	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/02/20	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/02/20	16:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/02/20	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 03 02 01 ca		
2019/02/20	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/02/20	16:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/02/20	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/02/20	16:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/02/20	16:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/02/20	16:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09		
2019/02/20	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/02/20	16:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/02/20			MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2019/02/20	16:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	16:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/02/20	16:07:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/02/20	16:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/02/20	16:31:00.0	XRT_Custom_430_OG [0x1ae]							
2019/02/20	16:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/02/20	17:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	17:44:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	17:44:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/02/20	17:44:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/02/20	17:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/02/20	18:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	18:07:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	18:07:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/02/20	18:07:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2019/02/20	18:07:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/02/20	18:07:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/02/20	18:07:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/02/20	18:10:28.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2019/02/20	18:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/02/20	18:17:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	18:17:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	18:17:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/02/20	18:17:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	04 00 00 00 00			
2019/02/20	18:17:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/02/20	18:17:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/02/20	18:17:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/02/20	18:17:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/02/20	18:17:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/02/20	18:20:26.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2019/02/20	18:20:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/02/20	18:20:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/02/20	19:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	19:21:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	19:21:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/02/20	19:21:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/02/20	19:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/02/20	19:44:00.0	XRT_Custom_430_OG [0x1ae]							
2019/02/20	19:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/02/20	20:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	20:58:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	20:58:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/02/20	20:58:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/02/20	21:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/02/20	21:21:30.0	XRT_Custom_430_OG [0x1ae]							
2019/02/20	21:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/02/20	22:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/02/20	22:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			

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2019/02/20	22:35:34.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/02/20	22:35:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/02/20	22:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2019/02/20	22:57:30.0	XRT_Custom_430_OG [0x1ae]								
2019/02/20	22:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/02/20	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/20	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/20	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00					
2019/02/21	00:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]								
		AOCU_NM	5	02-76	01 03 02 01 ca					
2019/02/21	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2019/02/21	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2019/02/21	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2019/02/21	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/02/21	00:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/02/21	00:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09					
2019/02/21	00:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d					
2019/02/21	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/02/21	00:12:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	00:12:32.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	00:12:34.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/02/21	00:12:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/02/21	00:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2019/02/21	00:23:30.0	XRT_Custom_430_OG [0x1ae]								
2019/02/21	00:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/02/21	01:39:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	01:39:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	01:39:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/02/21	01:39:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/02/21	01:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2019/02/21	01:55:30.0	XRT_Custom_430_OG [0x1ae]								
2019/02/21	01:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/02/21	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00					
2019/02/21	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]								
		AOCU_NM	5	02-76	00 00 00 00 00					
2019/02/21	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2019/02/21	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2019/02/21	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2019/02/21	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2019/02/21	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/02/21	02:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10					
2019/02/21	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d					
2019/02/21	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2019/02/21	03:11:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	03:11:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2019/02/21	03:11:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2019/02/21	03:11:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2019/02/21	03:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					

2019/02/21	03:32:00.0	XRT_Custom_430_OG [0x1ae]				
2019/02/21	03:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/21	04:40:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	04:40:02.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	04:40:04.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/21	04:40:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/02/21	04:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/02/21	05:09:30.0	XRT_Custom_430_OG [0x1ae]				
2019/02/21	05:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/21	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	05:54:28.0	XRT_FOCUS_POSITION_406_OG [0x196]				
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/02/21	05:54:48.0	XRT_FLD_DIS_409_OG [0x199]				
		MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/02/21	05:54:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]				
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/02/21	05:54:52.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/02/21	05:54:54.0	XRT_QT_PROG_SET_401_OG [0x191]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2019/02/21	05:54:56.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/21	06:02:54.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	06:02:56.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	06:02:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/02/21	06:03:00.0	AOCS_Ore-point_Start_1_OG [0x097]				
		AOCU_NM	5	02-76	01 03 02 01 ca	
2019/02/21	06:03:18.0	XRT_FLD_ENA_411_OG [0x19b]				
		MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/02/21	06:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/02/21	06:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/02/21	06:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/02/21	06:03:26.0	XRT_FLD_RESET_434_OG [0x1b2]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/21	06:05:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09	
2019/02/21	06:05:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/02/21	06:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/21	06:20:30.5	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	06:20:32.5	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	06:20:34.5	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/21	06:20:36.5	XRT_PREFLR_STRT_428_OG [0x1ac]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/02/21	06:23:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/02/21	06:46:30.0	XRT_Custom_430_OG [0x1ae]				
2019/02/21	06:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/02/21	08:00:30.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	08:00:32.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/02/21	08:00:34.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2019/02/21	08:00:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/02/21	08:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/02/21	09:43:00.0	AOCS_ORe-point_Start_2_OG [0x098]				
		AOCU_NM	5	02-76	00 00 00 00 00	