

XRT Timeline to be uploaded on 2018/05/12

Period: 2018/05/12 10:32:00 - 2018/05/17 10:12:00

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Normal mode

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XOB #1BA4: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
05/12 11:18:00 - 05/12 12:59:54	Track (-405.0, 145.7) ^{Ⓢ 05/12 10:42:00}	# OP start + 10min AR 12709 tracking
05/12 14:37:00 - 05/12 15:46:00	Track (-376.1, 146.2) ^{Ⓢ 05/12 14:10:00}	# AR cont.
05/12 18:05:00 - 05/12 22:59:54	Track (-347.1, 146.6) ^{Ⓢ 05/12 17:35:00}	# AR cont.
05/13 02:03:00 - 05/13 05:49:24	Track (-274.1, 147.3) ^{Ⓢ 05/13 02:00:00}	# AR cont.
05/13 10:15:00 - 05/13 13:34:54	Track (-203.1, 147.6) ^{Ⓢ 05/13 10:00:00}	# AR cont.
05/13 21:53:30 - 05/13 23:49:54	Track (-97.4, 147.6) ^{Ⓢ 05/13 21:40:00}	# AR cont.
05/14 02:53:00 - 05/14 06:19:54	Track (-50.1, 147.3) ^{Ⓢ 05/14 02:50:00}	# AR cont.

PROG= 17 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= 42	1-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open close	Safe Norm 500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec				
thin-Be/Open	med-Be/Open close	Safe Norm 5.66s	Obs 1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec				
Open/thick-Al	Open/thick-Al close	Safe Norm 16.0s	Obs 1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec				
Seqn= 96	40-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open close	Safe Norm 250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec				
thin-Be/Open	med-Be/Open close	Safe Norm 500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec				
Al-poly/Open	thin-Be/Open close	Safe Norm 250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec				
thin-Be/Open	med-Be/Open close	Safe Norm 500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec				
Al-poly/Open	thin-Be/Open close	Safe Norm 250ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec				
thin-Be/Open	med-Be/Open close	Safe Norm 500ms	Obs 1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec				

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

XOB #1BE8: HOP349 - 3-filter Synoptics (Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 45 min cad

Term	Pointing (x, y)	Comment
05/12 13:03:00 - 05/12 14:07:30	Track (-32.3, 87.1) ^{Ⓢ 05/12 13:00:00}	# QS obs. (SOT)
05/12 23:03:00 - 05/13 01:35:00	Fixed (0.0, 0.0)	# HOP 349 at Disk cen
05/13 23:53:00 - 05/14 02:49:54	Fixed (0.0, 0.0)	# HOP 349

PROG= 01 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)	150.0sec										
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

XOB #1BF2: Al/poly (Thin-Be) - 384x384 - 1x1 - 8sec cad - Gband - 348x384 - 1ms - AEC1

Term	Pointing (x, y)	Comment
05/12 16:28:00 - 05/12 17:09:54	Fixed (923.0, 68.0)	# HOP 355 at W-limb

PROG= 07 Inf.-time(s)

Subr= 1	2-time(s)	2.0sec										
Seqn= 92	1-time(s)	2.0sec										
Open/G-band	Open/G-band open	Safe Norm 1ms	Obs 1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec				
Open/G-band	Open/G-band close	Safe Norm 1ms	Obs 1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec				
Open/Ti-poly	Open/thick-Al close	Safe Dark 16.0s	Obs 1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec				
Subr= 2	200-time(s)	8.0sec										

Seqn= 68		1-time(s)		60.0sec								
Al-poly/Open	Al-poly/Open	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	500ms	Obs	1x1	384x384 (1064, 1048)	Q=90	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
05/12 11:18:00 - 05/12 12:59:54	Track (-405.0, 145.7) ^{Ⓜ 05/12 10:42:00}	# OP start + 10min AR 12709 tracking
05/12 13:03:00 - 05/12 14:07:30	Track (-32.3, 87.1) ^{Ⓜ 05/12 13:00:00}	# QS obs. (SOT)
05/12 14:37:00 - 05/12 15:46:00	Track (-376.1, 146.2) ^{Ⓜ 05/12 14:10:00}	# AR cont.
05/12 16:28:00 - 05/12 17:09:54	Fixed (923.0, 68.0)	# HOP 355 at W-limb
05/12 18:05:00 - 05/12 22:59:54	Track (-347.1, 146.6) ^{Ⓜ 05/12 17:35:00}	# AR cont.
05/12 23:03:00 - 05/13 01:35:00	Fixed (0.0, 0.0)	# HOP 349 at Disk cen
05/13 02:03:00 - 05/13 05:49:24	Track (-274.1, 147.3) ^{Ⓜ 05/13 02:00:00}	# AR cont.
05/13 10:15:00 - 05/13 13:34:54	Track (-203.1, 147.6) ^{Ⓜ 05/13 10:00:00}	# AR cont.
05/13 13:38:00 - 05/13 16:19:54	Track (-38.5, 638.5) ^{Ⓜ 05/13 13:35:00}	# HOP 336 (45N, 0W)
05/13 17:03:00 - 05/13 20:59:54	Track (-11.4, -649.0) ^{Ⓜ 05/13 16:20:00}	# HOP 336 (40S, 0W)
05/13 21:53:30 - 05/13 23:49:54	Track (-97.4, 147.6) ^{Ⓜ 05/13 21:40:00}	# AR cont.
05/13 23:53:00 - 05/14 02:49:54	Fixed (0.0, 0.0)	# HOP 349
05/14 02:53:00 - 05/14 06:19:54	Track (-50.1, 147.3) ^{Ⓜ 05/14 02:50:00}	# AR cont.

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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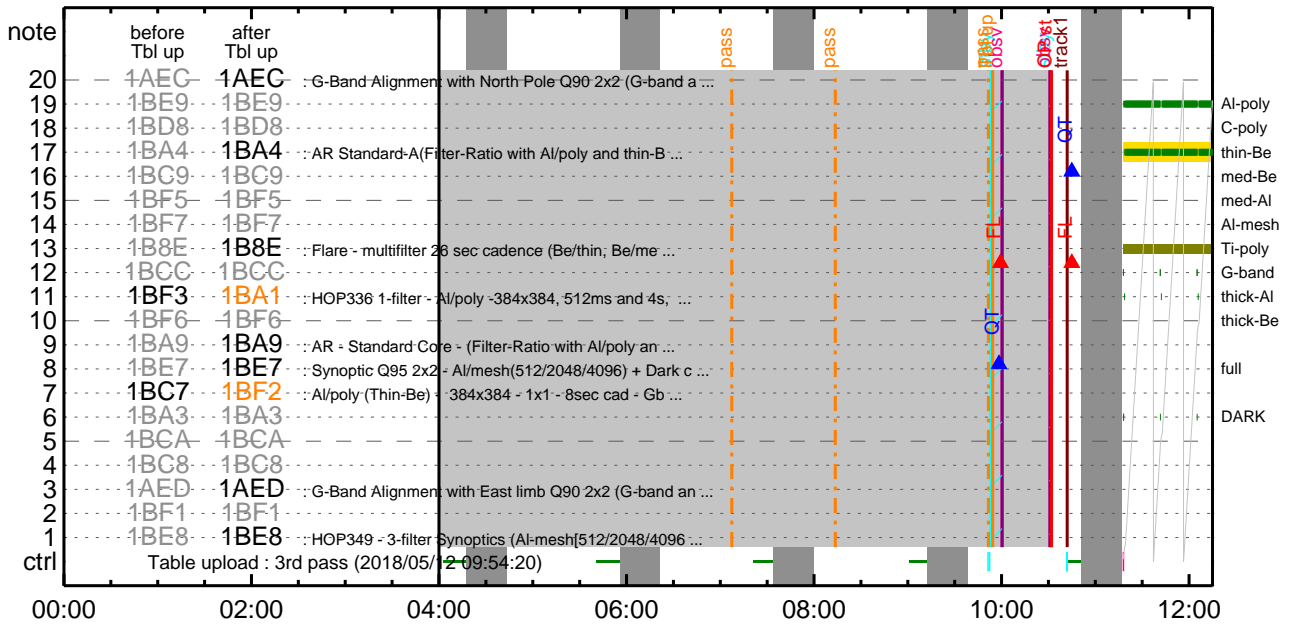
Flare Detection

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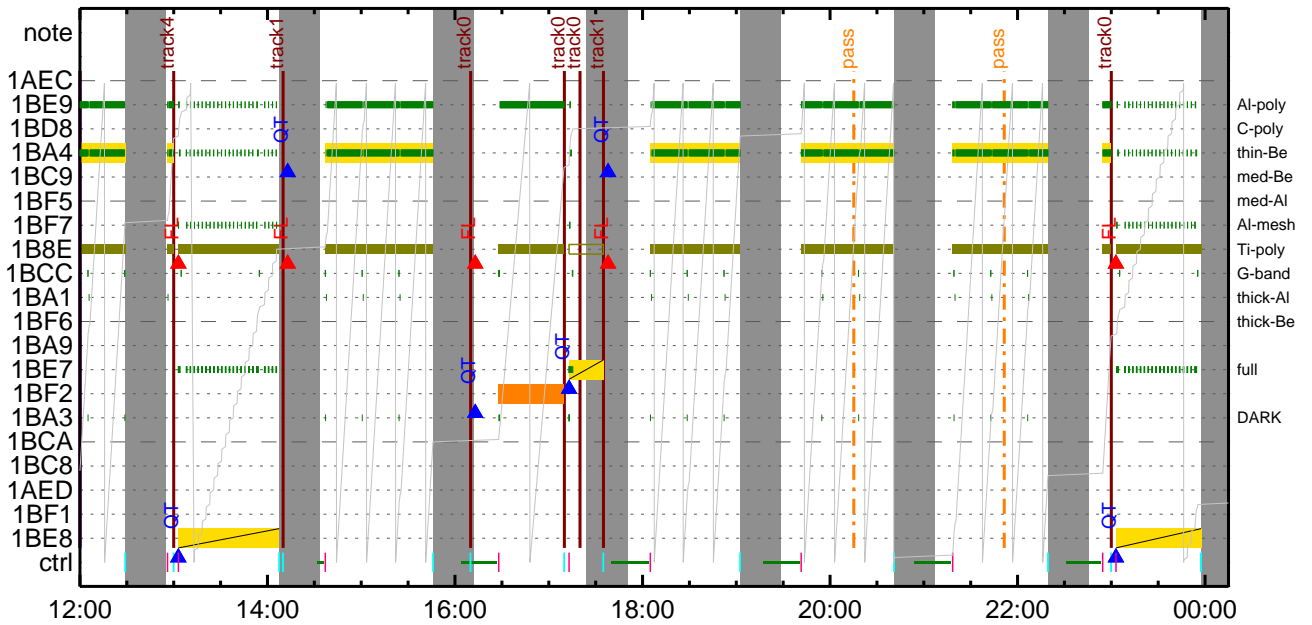
FLD Patrol

Term	Pointing (x, y)	Comment
05/12 17:35:18 - 05/13 05:49:48	Track (-347.1, 146.6) ^{Ⓜ 05/12 17:35:00}	# AR cont.
05/13 10:00:18 - 05/13 21:00:18	Track (-203.1, 147.6) ^{Ⓜ 05/13 10:00:00}	# AR cont.
05/13 21:40:18 - 05/14 06:20:18	Track (-97.4, 147.6) ^{Ⓜ 05/13 21:40:00}	# AR cont.
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

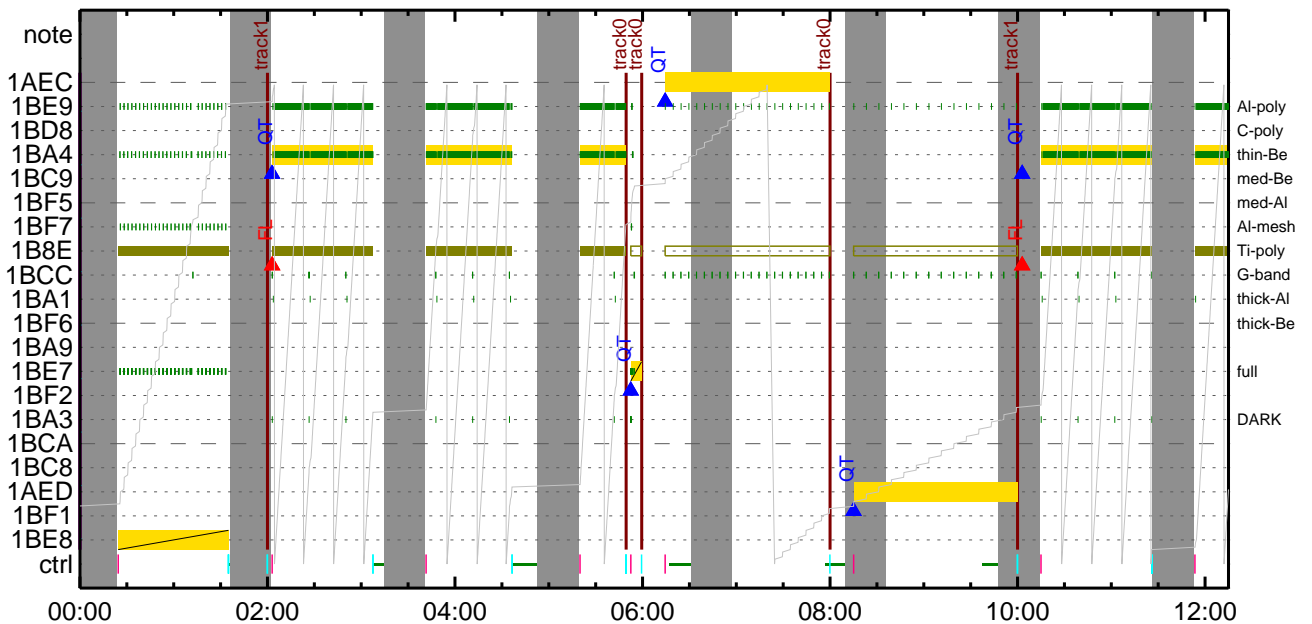
CMDI #0494 2018/05/12



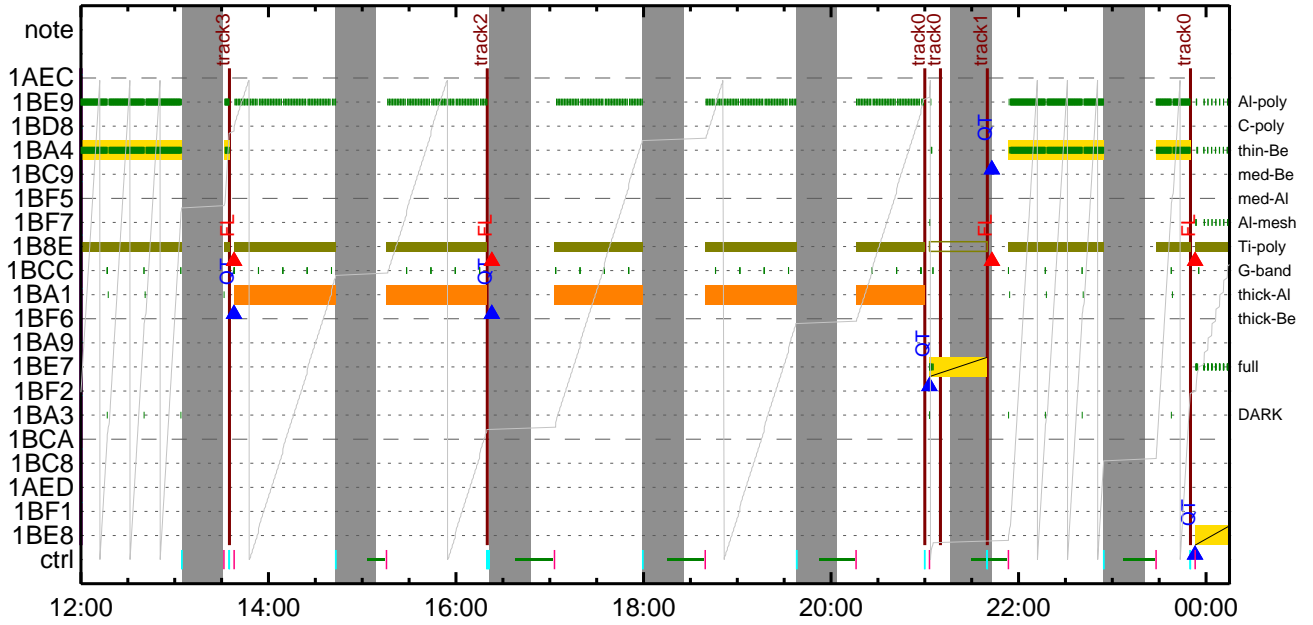
CMDI #0494 2018/05/12



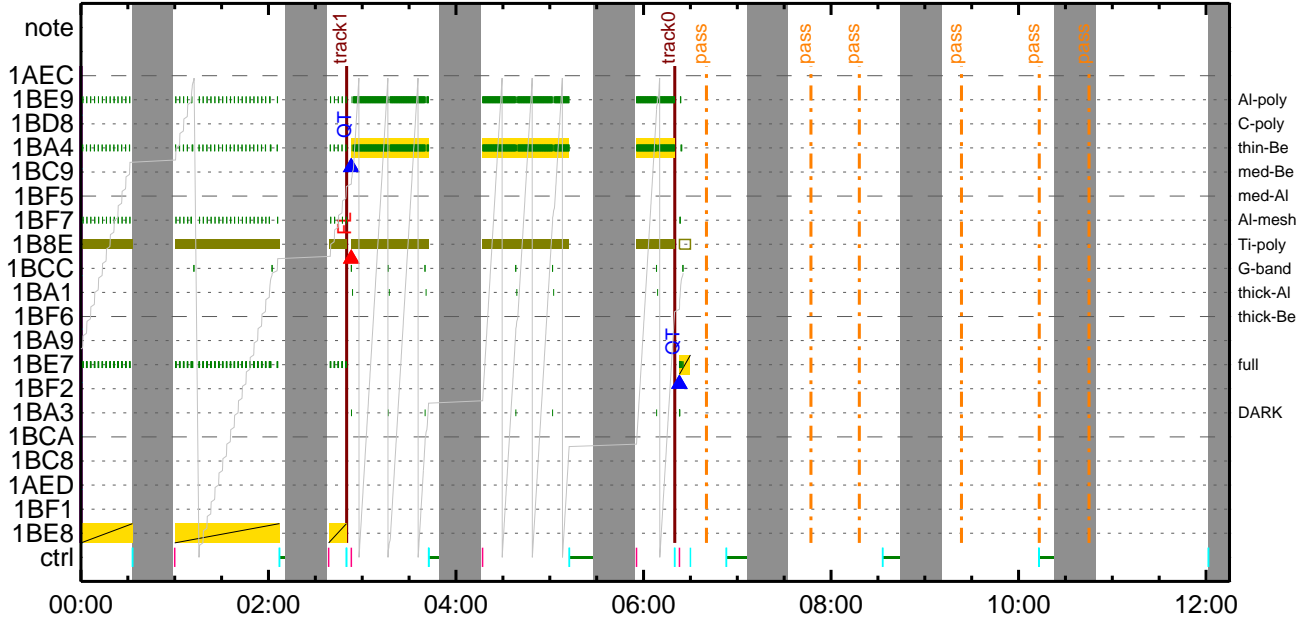
CMDI #0494 2018/05/13



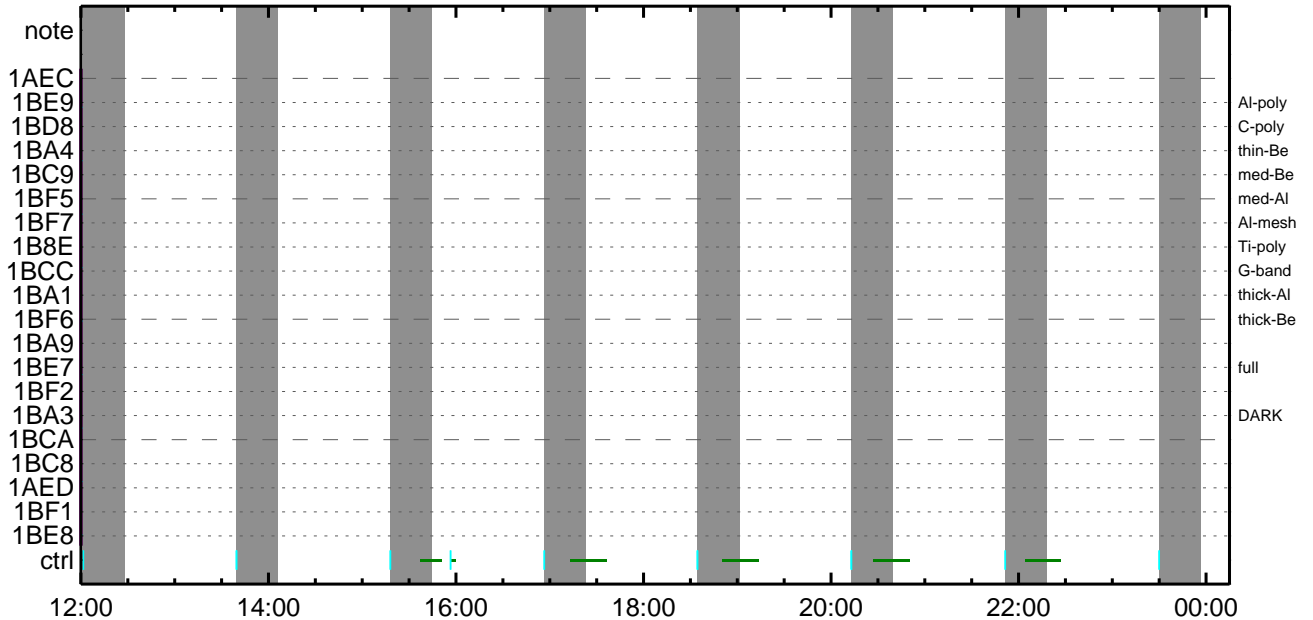
CMDI #0494 2018/05/13



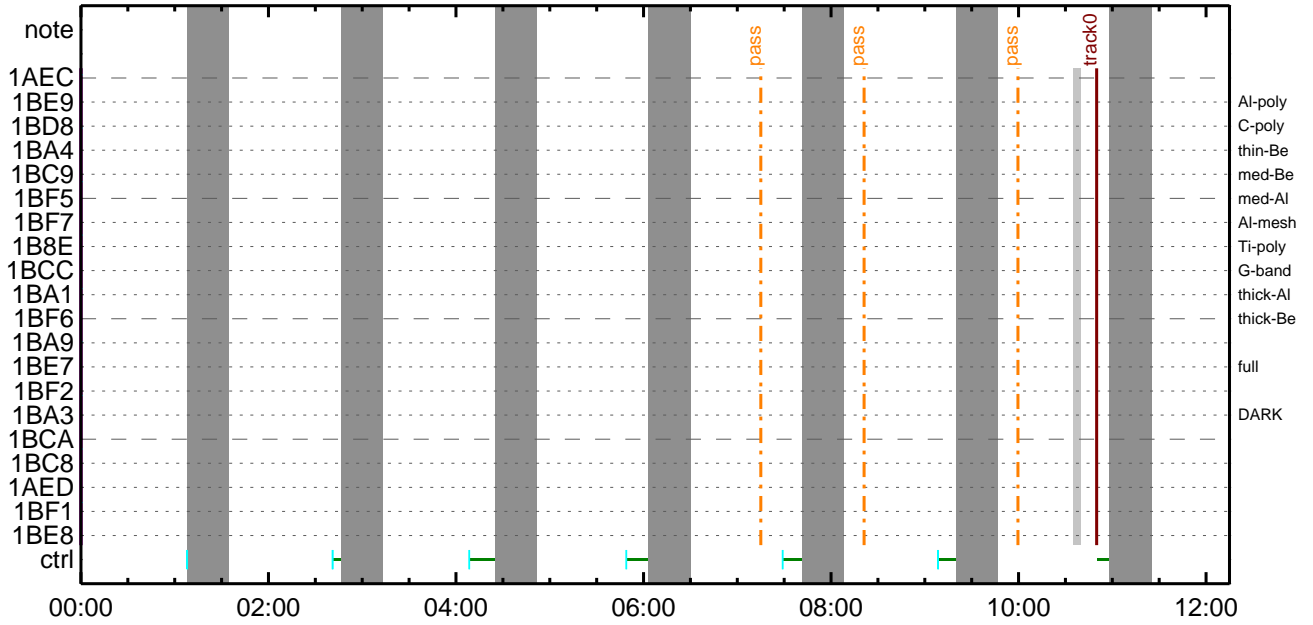
CMDI #0494 2018/05/14



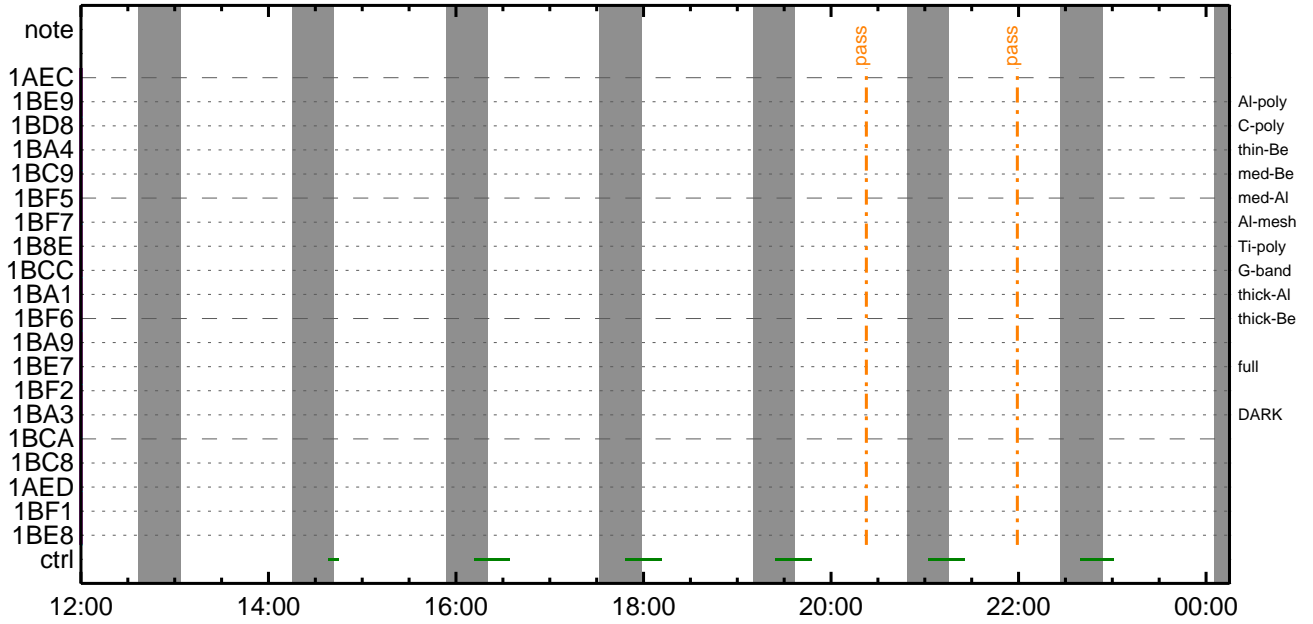
CMDI #0494 2018/05/14



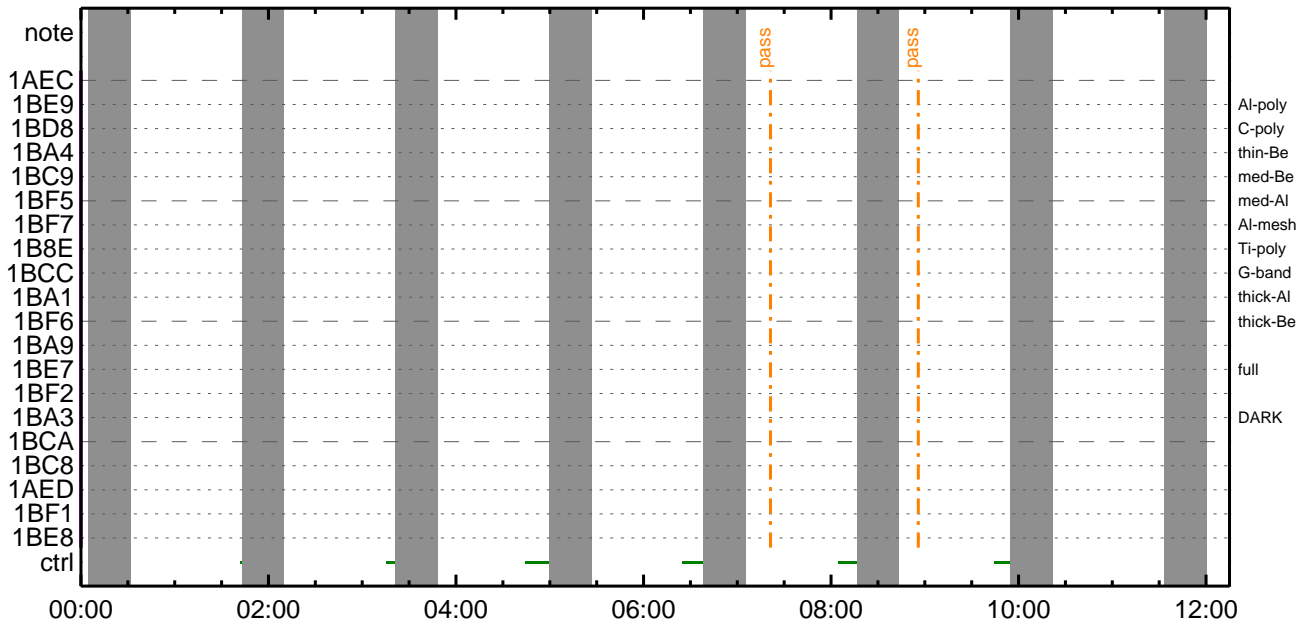
CMDI #0494 2018/05/15



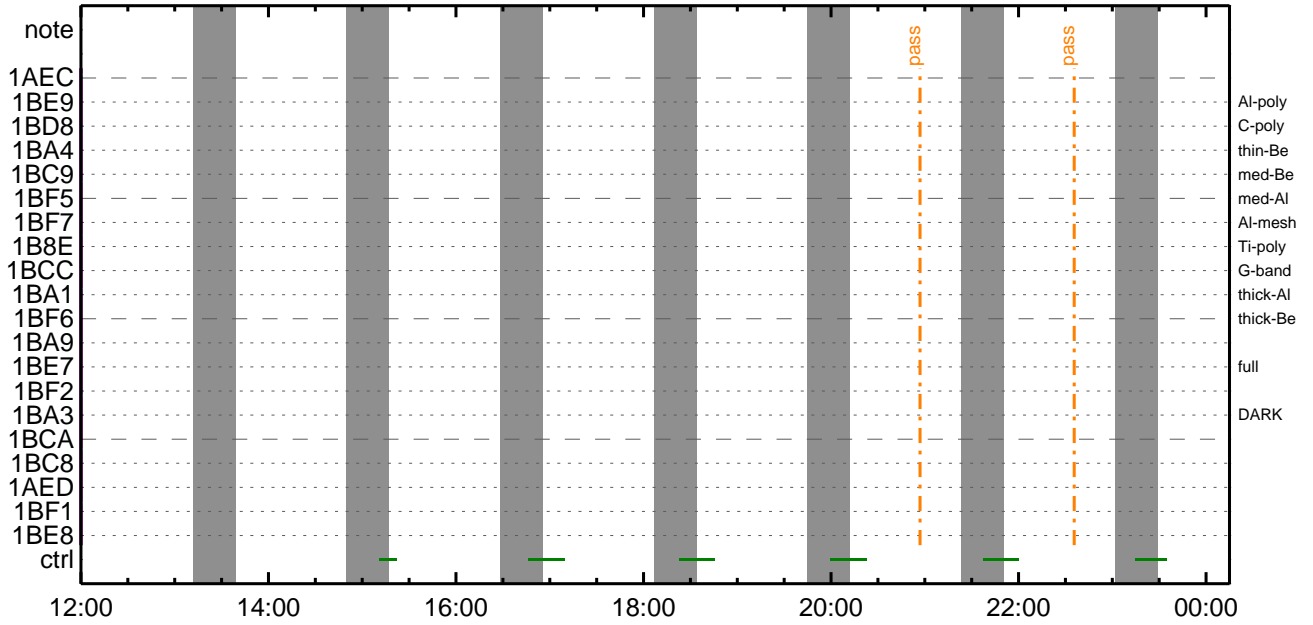
CMDI #0494 2018/05/15



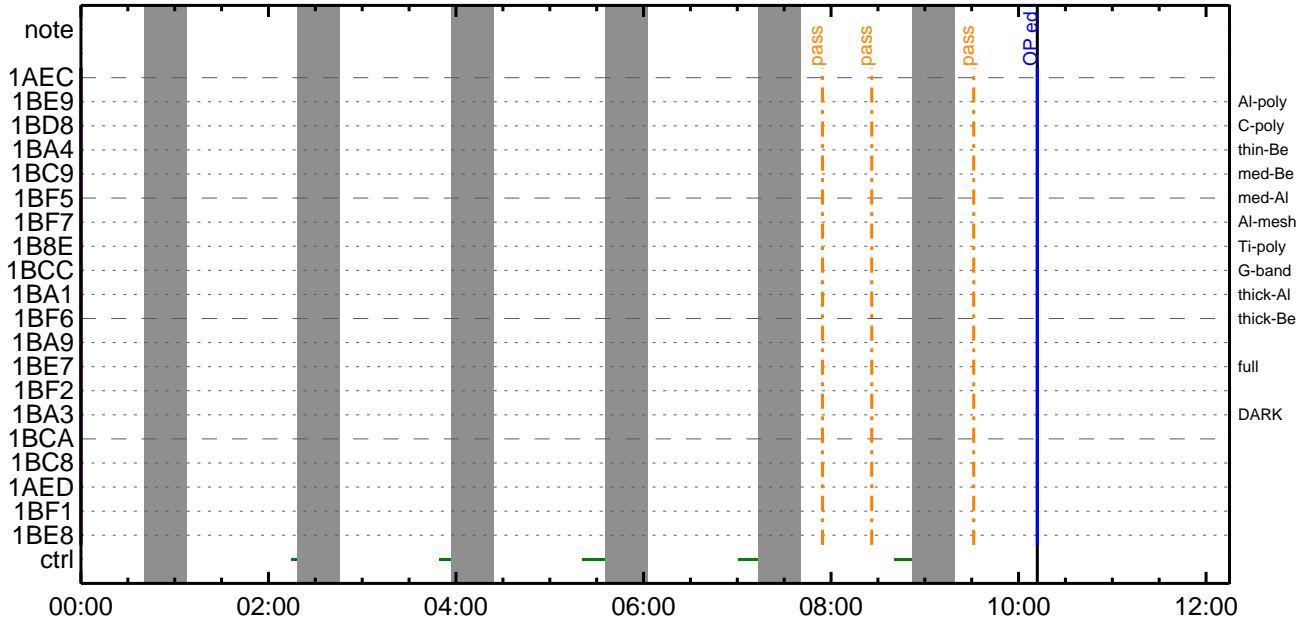
CMDI #0494 2018/05/16



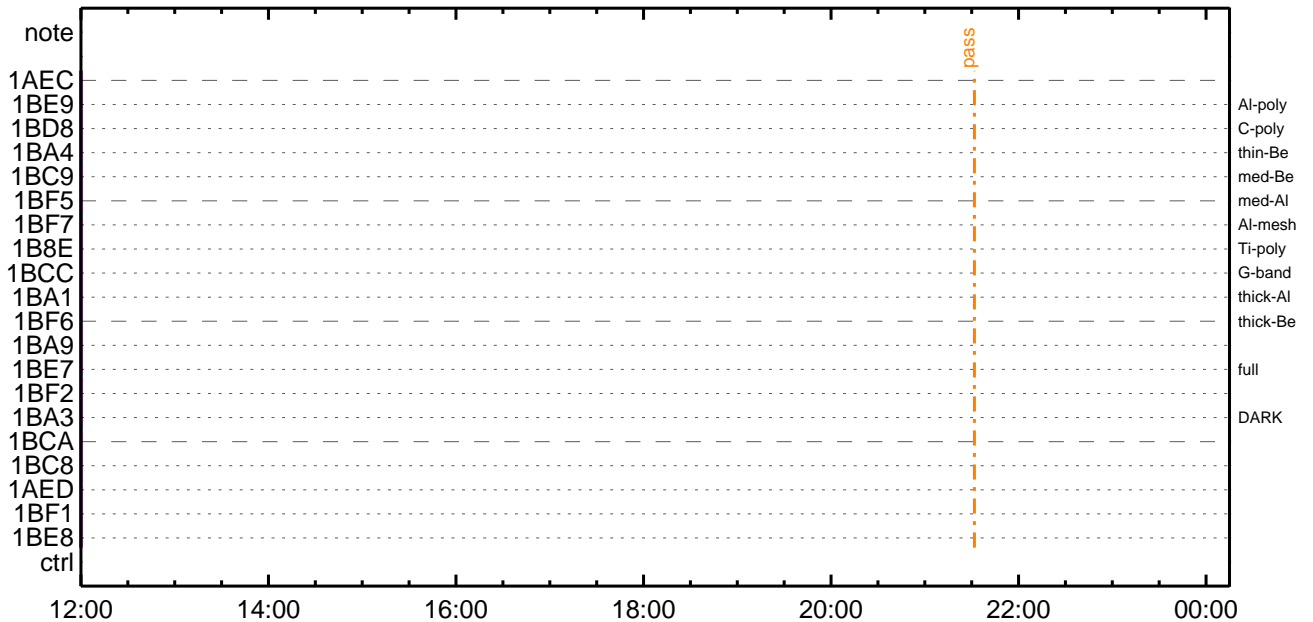
CMDI #0494 2018/05/16



CMDI #0494 2018/05/17



CMDI #0494 2018/05/17




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0096 C.                0100; SET 01EDUMP 01A±0iYÑY¹0Ç¹00|0³0E;E
0097 C.
0098 . C. TIY³YF¥ÖYÉ00ðÁDÍ¿(UT)
0099 +. TI 2018-05-12 10:27:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                ÇÇ[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0102 C.
0103 +. TI 2018-05-12 10:27:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                ÇÇ[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0106 C.
0107 +. TI 2018-05-12 10:27:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                ÇÇ[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0110 C.
0111 +. TI 2018-05-12 10:31:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                ÇÇ[HK1_TI_CMD_NUM]                EQ        1COUNTUP
0114 C.
0115 C.                °Ê²¼0İÄê%îÍÑ0İYÁY§YÁY-¹àİÜ
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. TIİİî°èYÀYÖY×
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. YÀYÖY×½ªİ»0ð³İÇ§
0142 C.                ÇÇ[HK1_DMP_CHK_FLG]              EQ        NON
0143 C.
0144 . C. RAM ID=TI_TBL0İ%Ê¹Ç•ê²İOK0ð³İÇ§
0145 C.
0146 . C. DHUYâ;¼YÉ;Ê¼Y½,¥i;¼YÈ;Ë0ðİá0¹
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. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2018-05-12 10:31:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC                (41)
0161 . C. -----
0162 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0163 C. -----
0164 C. ***** SOT END *****
0165 C.
0166 C. ***** XRT START *****
0167 C. Execute, after the success of OP upload.
0168 +. TI 2018-05-12 10:31:00.0
0169 DC 07-F0 MDP_XRT_MODE_STBY
0170 BC                (c3)
0171 . C.                [ ] [HK1_TI_CMD_NUM]            EQ        1COUNTUP
0172 C.
0173 C. ***** XRT END *****
0174 C.
0175 . C. ***** MDP `ûÄİ0İ»0¼Y0ÈÄ0¹0ðDCBC•x²è *****
0176 C. (¼á°İYÖYÁYÈYbYÉYáYçYè0E¼00¼Á»Ü0¹0è)
0177 . S. DC-BC dcbc-402:DCBC
0178 (MDP_known_event)
0179 C.
0180 C.
0181 . C. ***** YD¥¹•İ Daily±¿İÑ0È`00¹0èDCBC•x²è *****
0182 . S. DC-BC dcbc-153:DCBC
0183 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0184 C.
0185 C.
0186 . C. ;ãLOS¥ÁY§YÁY-¼Á»Ü;ã
0187 C.
0188 . C. ***** LOS *****
0189 C.

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*** OP Sequence for XRT ***

2018/05/12	10:41:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	10:41:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	10:41:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2018/05/12	10:42:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	01 00 00 00 00			
2018/05/12	10:42:00.5	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	10:42:02.5	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	10:42:04.5	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	10:42:06.5	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/12	10:42:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/05/12	10:42:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/05/12	10:42:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/05/12	10:42:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/05/12	10:42:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	10:44:56.0	XRT_QT_PROG_SET_413_OG [0x19d]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2018/05/12	10:44:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/05/12	10:45:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/12	11:17:00.0	XRT_Custom_430_OG [0x1ae]						
2018/05/12	11:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	12:29:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	12:29:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	12:29:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	12:29:06.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/12	12:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/12	12:55:00.0	XRT_Custom_430_OG [0x1ae]						
2018/05/12	12:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	12:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/05/12	13:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	04 00 00 00 00			
2018/05/12	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/05/12	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/05/12	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/05/12	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/05/12	13:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	13:02:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01			
2018/05/12	13:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/05/12	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	14:07:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	14:07:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	14:07:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	14:07:36.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/12	14:09:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	14:09:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	14:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2018/05/12	14:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	01 00 00 00 00			
2018/05/12	14:10:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/05/12	14:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						

2018/05/12	14:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/05/12	14:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/05/12	14:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/05/12	14:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/05/12	14:12:56.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/05/12	14:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11	
2018/05/12	14:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/05/12	14:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/05/12	15:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/05/12	15:46:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	15:46:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	15:46:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/05/12	15:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/05/12	16:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/05/12	16:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	16:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	16:10:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2018/05/12	16:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	f9 f4 ad f4	
2018/05/12	16:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/05/12	16:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/05/12	16:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/05/12	16:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/05/12	16:12:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/05/12	16:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07	
2018/05/12	16:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/05/12	16:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/05/12	17:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/05/12	17:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	17:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	17:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/05/12	17:10:18.0	XRT_FLD_DIS_401_OG [0x191]	AOCU_NM	5	02-76	00	00 00 00 00	
2018/05/12	17:10:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/05/12	17:10:22.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/05/12	17:12:58.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/05/12	17:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2018/05/12	17:20:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/05/12	17:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	00	00 00 56 35	
2018/05/12	17:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	17:34:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/05/12	17:35:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2018/05/12	17:35:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	00 00 00 00	
2018/05/12	17:35:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/05/12	17:35:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/05/12	17:35:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/05/12	17:35:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/05/12	17:37:56.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/05/12	17:37:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11	
2018/05/12	17:37:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	

2018/05/12	18:04:00.0	XRT_Custom_430_OG [0x1ae]						
2018/05/12	18:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	19:02:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	19:02:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	19:02:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	19:02:36.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/12	19:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/12	19:40:30.0	XRT_Custom_430_OG [0x1ae]						
2018/05/12	19:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	20:41:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	20:41:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	20:41:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	20:41:06.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/12	20:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/12	21:17:30.0	XRT_Custom_430_OG [0x1ae]						
2018/05/12	21:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	22:19:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	22:19:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	22:19:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	22:19:36.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/12	22:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/12	22:53:30.0	XRT_Custom_430_OG [0x1ae]						
2018/05/12	22:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	22:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/05/12	23:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2018/05/12	23:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/05/12	23:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/05/12	23:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/05/12	23:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/05/12	23:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	23:02:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01			
2018/05/12	23:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/05/12	23:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/12	23:57:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	23:57:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/12	23:57:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/12	23:57:36.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/13	00:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/13	00:23:30.0	XRT_Custom_430_OG [0x1ae]						
2018/05/13	00:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	01:35:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	01:35:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	01:35:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	01:35:06.0	XRT_PREFLR_STRT_406_OG [0x196]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/13	01:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/13	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			

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2018/05/13	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/05/13	02:00:00.0	AOCs_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01	00	00	00	00
2018/05/13	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/05/13	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/05/13	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/05/13	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/05/13	02:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/13	02:02:00.0	XRT_Custom_430_OG [0x1ae]							
2018/05/13	02:02:56.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2018/05/13	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/05/13	02:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/13	03:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	03:07:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	03:07:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/13	03:07:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/05/13	03:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/05/13	03:40:30.0	XRT_Custom_430_OG [0x1ae]							
2018/05/13	03:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/13	04:36:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	04:36:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	04:36:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/13	04:36:36.0	XRT_PREFLR_STRT_406_OG [0x196]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/05/13	04:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/05/13	05:19:00.0	XRT_Custom_430_OG [0x1ae]							
2018/05/13	05:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/13	05:49:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	05:49:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	05:49:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/05/13	05:49:30.0	AOCs_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	00	00
2018/05/13	05:49:48.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/05/13	05:49:50.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/05/13	05:49:52.0	XRT_ARS_DIS_422_OG [0x1a6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/05/13	05:52:28.0	XRT_QT_PROG_SET_443_OG [0x1bb]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2018/05/13	05:52:30.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/13	05:59:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	05:59:26.0	XRT_FOCUS_POSITION_439_OG [0x1b7]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/05/13	05:59:30.0	AOCs_OrE-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	ad	59	00	00
2018/05/13	05:59:46.0	XRT_FLD_DIS_420_OG [0x1a4]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/05/13	06:14:24.0	XRT_FLRCTRL_DIS_435_OG [0x1b3]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/05/13	06:14:26.0	XRT_ARS_DIS_445_OG [0x1bd]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/05/13	06:14:28.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2018/05/13	06:14:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/13	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/13	07:59:56.0	XRT_ROI_A_409_OG [0x199]							
		MDP_XRT_ROI_SET	6	07-F0	cd	06	85	83	06
		MDP_XRT_ROI_SET	6	07-F0	cd	07	85	83	08
		MDP_XRT_ROI_SET	6	07-F0	cd	08	80	80	20
		MDP_XRT_ROI_SET	6	07-F0	cd	09	80	80	08
		MDP_XRT_ROI_SET	6	07-F0	cd	0a	80	80	20
		MDP_XRT_ROI_SET	6	07-F0	cd	0b	80	80	08
		MDP_XRT_ROI_SET	6	07-F0	cd	0d	a0	80	18
		MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06
2018/05/13	07:59:56.5	XRT_ROI_B_414_OG [0x19e]							

		MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80	06	06
		MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80	08	08
2018/05/13	08:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]								
		AOCU_NM	5	02-76	00	00	00	00	56	35
2018/05/13	08:00:01.5	XRT_FOCUS_POSITION_439_OG [0x1b7]								
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2018/05/13	08:00:21.5	XRT_FLD_DIS_420_OG [0x1a4]								
		MDP_XRT_FLD_DIS	1	07-F0	d9					
2018/05/13	08:14:59.5	XRT_FLRCTRL_DIS_435_OG [0x1b3]								
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9					
2018/05/13	08:15:01.5	XRT_ARS_DIS_445_OG [0x1bd]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2018/05/13	08:15:03.5	XRT_QT_PROG_SET_416_OG [0x1a0]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03				
2018/05/13	08:15:05.5	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/05/13	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2018/05/13	10:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]								
		AOCU_NM	5	02-76	01	00	00	00	00	00
2018/05/13	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2018/05/13	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2018/05/13	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2018/05/13	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2018/05/13	10:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2018/05/13	10:02:56.0	XRT_QT_PROG_SET_413_OG [0x19d]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11				
2018/05/13	10:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d				
2018/05/13	10:14:00.0	XRT_Custom_430_OG [0x1ae]								
2018/05/13	10:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/05/13	11:26:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	11:26:02.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	11:26:04.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2018/05/13	11:26:06.0	XRT_PREFLR_STRT_406_OG [0x196]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2018/05/13	11:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2018/05/13	11:52:30.0	XRT_Custom_430_OG [0x1ae]								
2018/05/13	11:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/05/13	13:04:30.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	13:04:32.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	13:04:34.0	XRT_FLD_RESET_415_OG [0x19f]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2018/05/13	13:04:36.0	XRT_PREFLR_STRT_406_OG [0x196]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2018/05/13	13:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2018/05/13	13:30:30.0	XRT_Custom_430_OG [0x1ae]								
2018/05/13	13:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/05/13	13:34:54.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	13:34:56.0	XRT_CTRL_MANU_402_OG [0x192]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2018/05/13	13:34:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00		
2018/05/13	13:35:00.0	AOCS_ORe-point_Start_7_OG [0x09d]								
		AOCU_NM	5	02-76	03	00	00	00	00	00
2018/05/13	13:35:18.0	XRT_FLD_ENA_411_OG [0x19b]								
		MDP_XRT_FLD_ENA	1	07-F0	d8					
2018/05/13	13:35:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8					
2018/05/13	13:35:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
		MDP_XRT_AEC_RESET	1	07-F0	d0					
2018/05/13	13:35:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
		MDP_XRT_ARS_DIS	1	07-F0	d5					
2018/05/13	13:35:26.0	XRT_FLD_RESET_433_OG [0x1b1]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2018/05/13	13:37:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]								
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b				
2018/05/13	13:37:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d				
2018/05/13	13:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2018/05/13	14:43:00.0	XRT_CTRL_MANU_400_OG [0x190]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					

2018/05/13	14:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	14:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	14:43:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/13	14:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/13	15:14:30.0	XRT_Custom_430_OG [0x1ae]							
2018/05/13	15:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	16:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	16:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	16:19:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2018/05/13	16:20:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	02 00 00 00 00			
2018/05/13	16:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/05/13	16:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/05/13	16:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/05/13	16:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/05/13	16:20:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	16:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	16:21:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	16:21:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	16:21:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/13	16:22:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b			
2018/05/13	16:22:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/05/13	16:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/13	17:02:00.0	XRT_Custom_430_OG [0x1ae]							
2018/05/13	17:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	17:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	17:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	17:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	17:59:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/13	18:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/13	18:38:30.5	XRT_Custom_430_OG [0x1ae]							
2018/05/13	18:39:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	19:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	19:38:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	19:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	19:38:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/13	19:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/13	20:15:00.0	XRT_Custom_430_OG [0x1ae]							
2018/05/13	20:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	20:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	20:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	20:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/05/13	21:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00			
2018/05/13	21:00:18.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/05/13	21:00:20.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/05/13	21:00:22.0	XRT_ARS_DIS_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/05/13	21:02:58.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2018/05/13	21:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	21:10:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 56 35			
2018/05/13	21:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							

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2018/05/13	21:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	21:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	21:40:00.0	AOCs_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2018/05/13	21:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	00	00	00
2018/05/13	21:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/05/13	21:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/05/13	21:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/05/13	21:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/05/13	21:42:56.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	21:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11		
2018/05/13	21:52:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/05/13	21:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	22:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	22:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	22:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	22:54:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	22:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/13	23:27:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/13	23:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	23:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/13	23:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	23:49:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/13	23:50:00.0	AOCs_OrE-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2018/05/13	23:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00	00	00
2018/05/13	23:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/05/13	23:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/05/13	23:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/05/13	23:50:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/05/13	23:52:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/13	23:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01		
2018/05/13	23:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d		
2018/05/14	00:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/14	00:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/14	00:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/14	00:33:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/14	00:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/14	00:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/14	01:00:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/14	02:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/14	02:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/14	02:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/14	02:07:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/05/14	02:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/05/14	02:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/05/14	02:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/14	02:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/05/14	02:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/14	02:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/05/14		XRT_FOCUS_POSITION	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00

2018/05/14	02:50:00.0	AOCS_ORe-point_Start_1_OG [0x097] AOCU_NM	5	02-76	01	00	00	00	00
2018/05/14	02:50:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/05/14	02:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/05/14	02:50:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/05/14	02:50:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/05/14	02:50:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/14	02:52:56.0	XRT_QT_PROG_SET_413_OG [0x19d] MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2018/05/14	02:52:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/05/14	02:53:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/14	03:42:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	03:42:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	03:42:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/14	03:42:36.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/05/14	03:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/05/14	04:16:00.0	XRT_Custom_430_OG [0x1ae]							
2018/05/14	04:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/14	05:12:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	05:12:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	05:12:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/14	05:12:36.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/05/14	05:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/05/14	05:54:30.0	XRT_Custom_430_OG [0x1ae]							
2018/05/14	05:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/14	06:19:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	06:19:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	06:19:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/05/14	06:20:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00	00	00	00	00
2018/05/14	06:20:18.0	XRT_FLD_DIS_401_OG [0x191] MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/05/14	06:20:20.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/05/14	06:20:22.0	XRT_ARS_DIS_422_OG [0x1a6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/05/14	06:22:58.0	XRT_QT_PROG_SET_443_OG [0x1bb] MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2018/05/14	06:23:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/05/14	06:30:00.5	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	06:53:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	06:53:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	06:53:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/14	06:53:06.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/05/14	06:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/05/14	08:33:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	08:33:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	08:33:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/14	08:33:06.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/05/14	08:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/05/14	10:13:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	10:13:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/05/14	10:13:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2018/05/14	10:13:06.0	XRT_PREFLR_STRT_406_OG [0x196] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/05/14	10:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

2018/05/14	12:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	12:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	12:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	12:01:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	12:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	13:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	13:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	13:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	13:39:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	13:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	15:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	15:18:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	15:18:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	15:18:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	15:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	15:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	15:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	15:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	15:56:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	15:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	16:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	16:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	16:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	16:56:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	16:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	18:34:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	18:34:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	18:34:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	18:34:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	18:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	20:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	20:13:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	20:13:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	20:13:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	20:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	21:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	21:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	21:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	21:51:36.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	21:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/14	23:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	23:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/14	23:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/14	23:30:06.0	XRT_PREFLR_STRT_406_OG [0x196]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/14	23:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/15	01:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2018/05/15	01:08:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	01:08:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/15	01:08:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/15	01:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/15	02:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	02:41:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	02:41:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/15	02:41:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/15	02:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/15	04:08:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	04:08:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	04:08:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/15	04:08:36.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/15	04:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/15	05:49:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	05:49:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	05:49:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/15	05:49:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/15	05:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/15	07:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	07:29:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	07:29:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/15	07:29:06.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/15	07:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/15	09:08:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	09:08:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/05/15	09:08:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/05/15	09:08:36.0	XRT_PREFLR_STRT_406_OG [0x196]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/05/15	09:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/05/15	10:50:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 00 00 00 00