

XRT Timeline to be uploaded on 2017/05/18

Period: 2017/05/18 11:11:00 - 2017/05/23 10:52:00

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Normal mode

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XOB #1B7B: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,3ms) - Leak (1x1,512x512,3ms) - 180s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
05/18 11:24:00 - 05/18 11:50:54	Fixed (-22.0, -978.0)	# OP start + 10min HOP79 N-S scan (1/20)
05/18 11:54:00 - 05/18 12:51:54	Fixed (-22.0, -878.0)	HOP79 (2/20)
05/18 12:55:00 - 05/18 13:13:54	Fixed (-22.0, -778.0)	HOP79 (3/20)
05/18 13:17:00 - 05/18 13:40:00	Fixed (-22.0, -678.0)	HOP79 (4/20)
05/18 14:11:00 - 05/18 14:29:54	Fixed (-22.0, -578.0)	HOP79 (5/20)
05/18 14:33:00 - 05/18 14:51:54	Fixed (-22.0, -478.0)	HOP79 (6/20)
05/18 14:55:00 - 05/18 15:54:30	Fixed (-22.0, -378.0)	HOP79 (7/20)
05/18 16:05:00 - 05/18 16:31:54	Fixed (-22.0, -278.0)	HOP79 (8/20)
05/18 16:35:00 - 05/18 16:57:00	Fixed (-22.0, -178.0)	HOP79 (9/20)
05/18 17:42:00 - 05/18 18:00:54	Fixed (-22.0, -78.0)	HOP79 (10/20)
05/18 18:14:00 - 05/18 18:35:00	Fixed (-22.0, 12.0)	HOP79 (11/20)
05/18 19:19:00 - 05/18 19:45:54	Fixed (-22.0, 112.0)	HOP79 (12/20)
05/18 19:49:00 - 05/18 20:53:54	Fixed (-22.0, 212.0)	HOP79 (13/20)
05/18 20:57:00 - 05/18 21:23:54	Fixed (-22.0, 312.0)	HOP79 (14/20)
05/18 21:27:00 - 05/18 22:29:54	Fixed (-22.0, 412.0)	HOP79 (15/20)
05/18 22:33:00 - 05/18 22:59:54	Fixed (-22.0, 512.0)	HOP79 (16/20)
05/18 23:03:00 - 05/18 23:59:54	Fixed (-22.0, 612.0)	HOP79 (17/20)
05/19 00:03:00 - 05/19 00:21:54	Fixed (-22.0, 712.0)	HOP79 (18/20)
05/19 00:25:00 - 05/19 00:43:54	Fixed (-22.0, 812.0)	HOP79 (19/20)
05/19 00:47:00 - 05/19 01:07:54	Fixed (-22.0, 912.0)	HOP79 (20/20)

PROG= 02 Inf.-time(s)

Subr=	1-time(s)	2.0sec										
Seqn= 36	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	20-time(s)	180.0sec										
Seqn= 60	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)	DPCM	1	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B64: Synoptic Q95 2x2 - Al/mesh(64/512/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T

Term	Pointing (x, y)	Comment
05/18 18:04:00 - 05/18 18:10:54	Fixed (0.0, 0.0)	synoptic, shifted manually
05/19 06:38:00 - 05/19 06:44:54	Fixed (0.0, 0.0)	synoptic, shifted 35.0 min
05/19 18:16:30 - 05/19 18:23:24	Fixed (0.0, 0.0)	synoptic, shifted 13.5 min
05/20 06:02:30 - 05/20 06:09:24	Fixed (0.0, 0.0)	synoptic, shifted -0.5 min

PROG= 11 1-time(s)

Subr=	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= 27	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	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 85	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	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
Seqn= 54	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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 #1B87: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 30s cadence, G-band - 384x384 3ms

Term	Pointing (x, y)	Comment
05/19 01:37:00 - 05/19 02:39:54	Track (-22.0, 277.0) @ 05/19 01:08:00	QS obs. with high time cadence
05/19 06:48:00 - 05/19 10:59:00	Fixed (340.0, 830.0)	Bright feature at polar coronal hole
05/19 21:33:00 - 05/20 05:59:24	Track (-21.6, 12.4) @ 05/19 21:30:00	QS network & BP obs.

PROG= 06 Inf.-time(s)

Subr=	1-time(s)	2.0sec
Seqn= 1	1-time(s)	2.0sec

└─ Seqn= 9	2-time(s)	2.0sec																			
└─ Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec								
└─ Subr= 2	1-time(s)	2.0sec																			
└─ Seqn= 7	1-time(s)	30.0sec																			
└─ Open/G-band	Open/G-band	open	Safe	Norm	3ms	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								
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval								

XOB #1B49: 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 (3ms/3ms)

Term	Pointing (x, y)	Comment
05/19 03:15:30 - 05/19 06:34:54	Fixed (-950.0, -150.0)	AR obs at E-limb
05/19 11:27:30 - 05/19 17:32:00	Track (190.0, 123.5) @ 05/19 11:00:00	AR 12657 obs at disk center
05/19 18:26:30 - 05/19 21:29:54	Track (255.9, 122.3) @ 05/19 18:23:30	AR 12657 obs.
05/20 06:12:30 - 05/20 09:47:30	Track (358.0, 120.1) @ 05/20 06:09:30	AR 12657 obs.

PROG= 18 Inf-time(s)

└─ Subr= 1	1-time(s)	2.0sec																			
└─ Seqn= 56	1-time(s)	2.0sec																			
└─ Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0	0	2.0sec								
└─ Open/G-band	Open/G-band	close	Safe	Norm	3ms	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	4-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= 28	30-time(s)	60.0sec																			
└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	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	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec								
└─ 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	2	2.0sec								
└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	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								

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Flare mode

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XOB #1AE7: 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
05/18 11:24:00 - 05/18 11:50:54	Fixed (-22.0, -978.0)	# OP start + 10min HOP79 N-S scan (1/20)
05/18 11:54:00 - 05/18 12:51:54	Fixed (-22.0, -878.0)	HOP79 (2/20)
05/18 12:55:00 - 05/18 13:13:54	Fixed (-22.0, -778.0)	HOP79 (3/20)
05/18 13:17:00 - 05/18 13:40:00	Fixed (-22.0, -678.0)	HOP79 (4/20)
05/18 14:11:00 - 05/18 14:29:54	Fixed (-22.0, -578.0)	HOP79 (5/20)
05/18 14:33:00 - 05/18 14:51:54	Fixed (-22.0, -478.0)	HOP79 (6/20)
05/18 14:55:00 - 05/18 15:54:30	Fixed (-22.0, -378.0)	HOP79 (7/20)
05/18 16:05:00 - 05/18 16:31:54	Fixed (-22.0, -278.0)	HOP79 (8/20)
05/18 16:35:00 - 05/18 16:57:00	Fixed (-22.0, -178.0)	HOP79 (9/20)
05/18 17:42:00 - 05/18 18:00:54	Fixed (-22.0, -78.0)	HOP79 (10/20)
05/18 18:14:00 - 05/18 18:35:00	Fixed (-22.0, 12.0)	HOP79 (11/20)
05/18 19:19:00 - 05/18 19:45:54	Fixed (-22.0, 112.0)	HOP79 (12/20)
05/18 19:49:00 - 05/18 20:53:54	Fixed (-22.0, 212.0)	HOP79 (13/20)
05/18 20:57:00 - 05/18 21:23:54	Fixed (-22.0, 312.0)	HOP79 (14/20)
05/18 21:27:00 - 05/18 22:29:54	Fixed (-22.0, 412.0)	HOP79 (15/20)
05/18 22:33:00 - 05/18 22:59:54	Fixed (-22.0, 512.0)	HOP79 (16/20)
05/18 23:03:00 - 05/18 23:59:54	Fixed (-22.0, 612.0)	HOP79 (17/20)
05/19 00:03:00 - 05/19 00:21:54	Fixed (-22.0, 712.0)	HOP79 (18/20)
05/19 00:25:00 - 05/19 00:43:54	Fixed (-22.0, 812.0)	HOP79 (19/20)
05/19 00:47:00 - 05/19 01:07:54	Fixed (-22.0, 912.0)	HOP79 (20/20)
05/19 01:37:00 - 05/19 02:39:54	Track (-22.0, 277.0) @ 05/19 01:08:00	QS obs. with high time cadence
05/19 03:15:30 - 05/19 06:34:54	Fixed (-950.0, -150.0)	AR obs at E-limb
05/19 06:48:00 - 05/19 10:59:00	Fixed (340.0, 830.0)	Bright feature at polar coronal hole
05/19 11:27:30 - 05/19 17:32:00	Track (190.0, 123.5) @ 05/19 11:00:00	AR 12657 obs at disk center
05/19 18:26:30 - 05/19 21:29:54	Track (255.9, 122.3) @ 05/19 18:23:30	AR 12657 obs.
05/19 21:33:00 - 05/20 05:59:24	Track (-21.6, 12.4) @ 05/19 21:30:00	QS network & BP obs.
05/20 06:12:30 - 05/20 09:47:30	Track (358.0, 120.1) @ 05/20 06:09:30	AR 12657 obs.

PROG= 07 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= 84			1-time(s)		2.0sec							
┌	Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec	
	┌	Open/G-band	Open/G-band	close	Safe	Norm	3ms	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

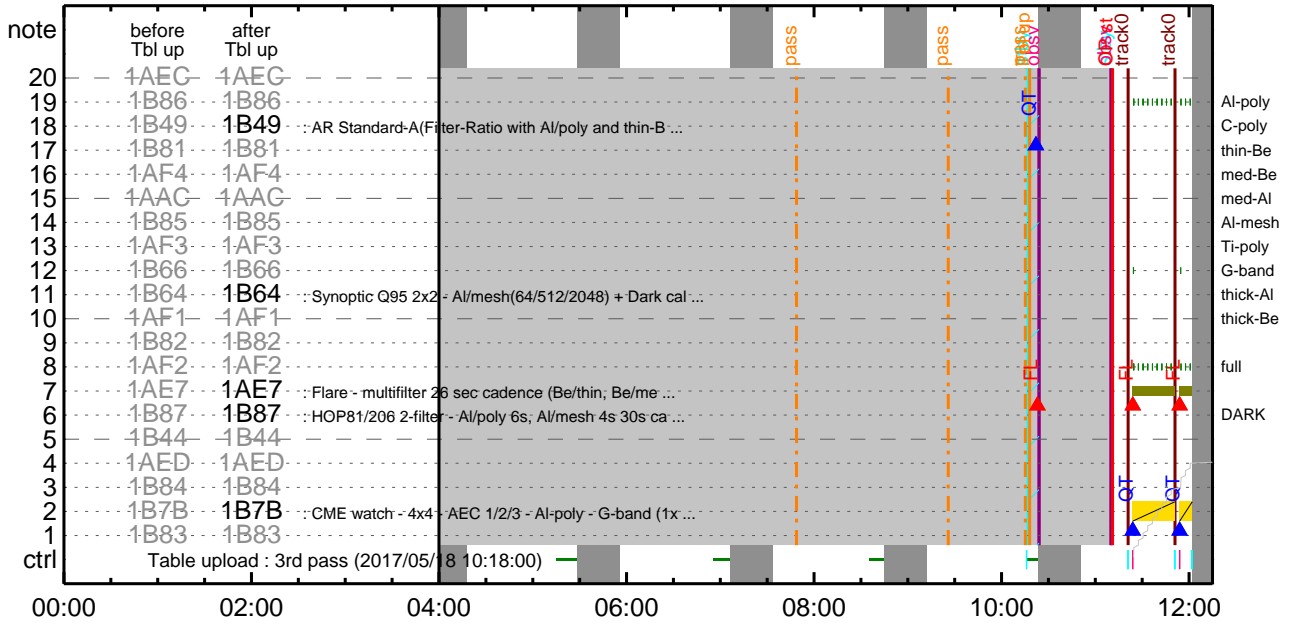
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Flare Detection

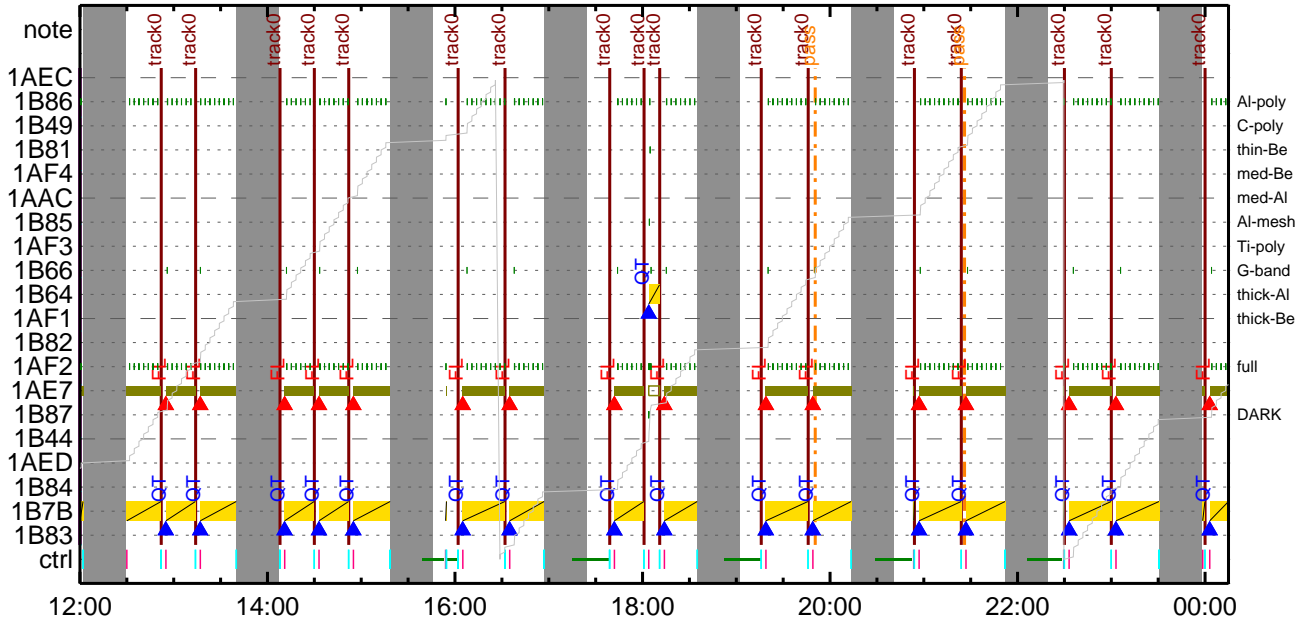
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FLD Patrol												
Term		Pointing (x, y)					Comment					
05/18 18:11:18 - 05/19 06:35:18		Fixed (-22.0, 12.0)					HOP79 (11/20)					
05/19 06:45:18 - 05/19 18:13:48		Fixed (340.0, 830.0)					Bright feature at polar coronal hole					
05/19 18:23:48 - 05/20 05:59:48		Track (255.9, 122.3) ^{@ 05/19 18:23:30}					AR 12657 obs.					
05/20 06:09:48 - 05/23 10:52:00		Track (358.0, 120.1) ^{@ 05/20 06:09:30}					AR 12657 obs.					
Open/Ti-poly	Open/thick-Al	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

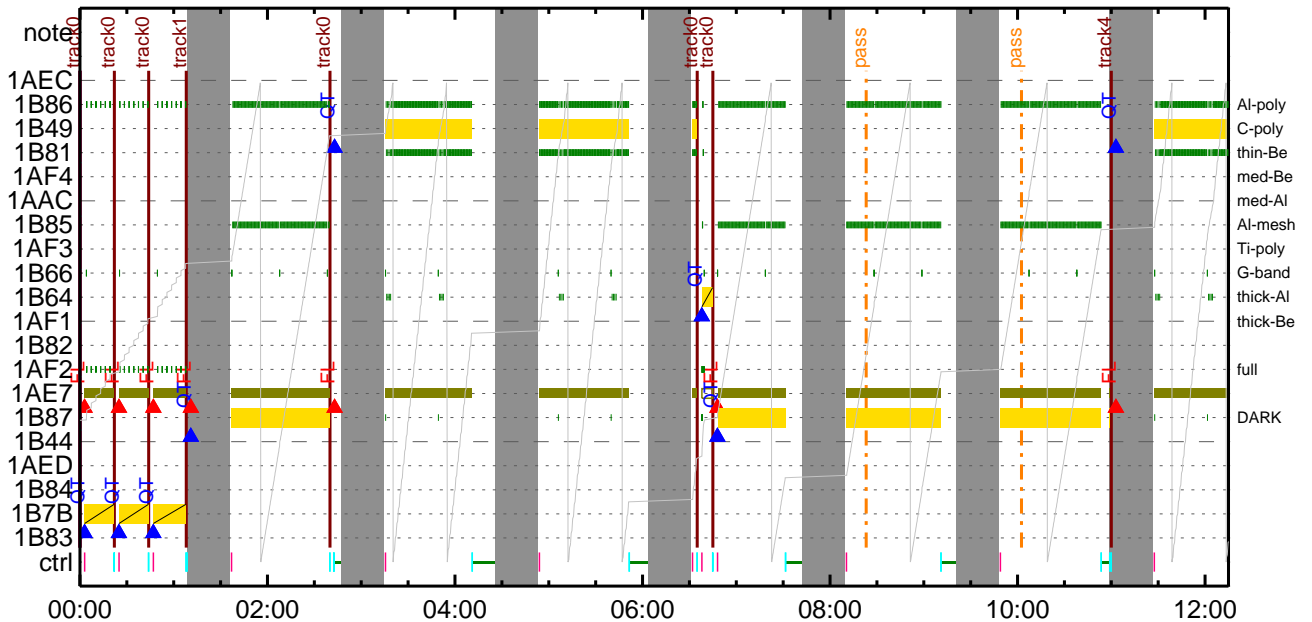
CMDI #0759 2017/05/18



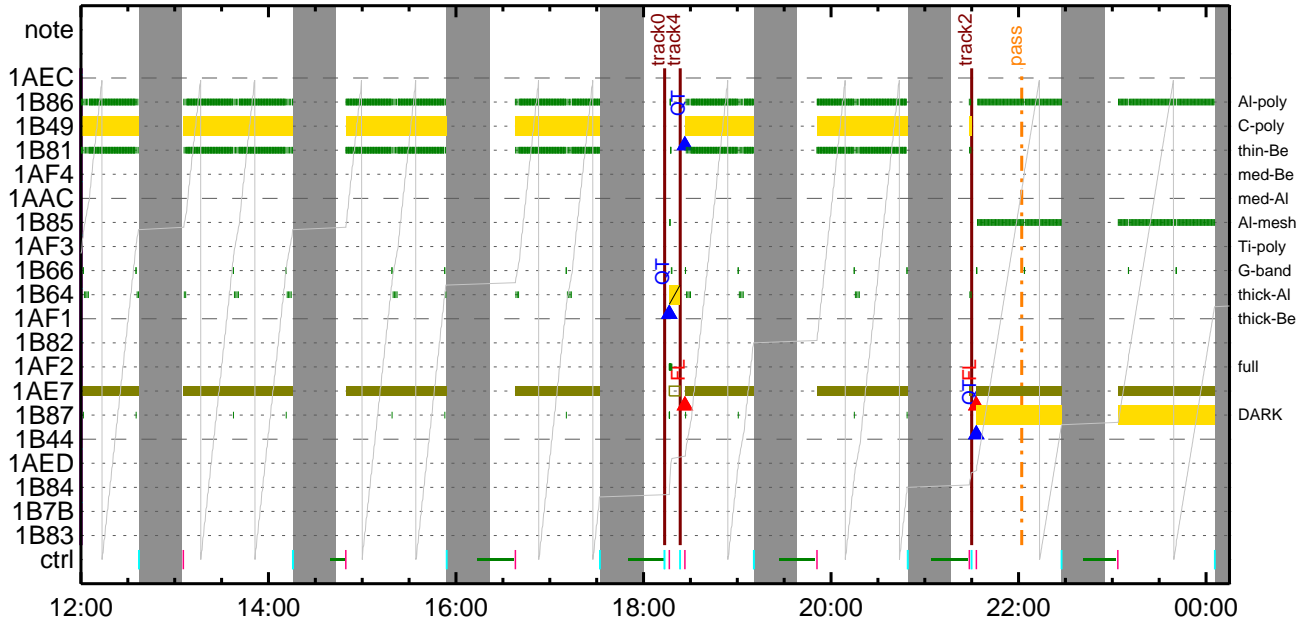
CMDI #0759 2017/05/18



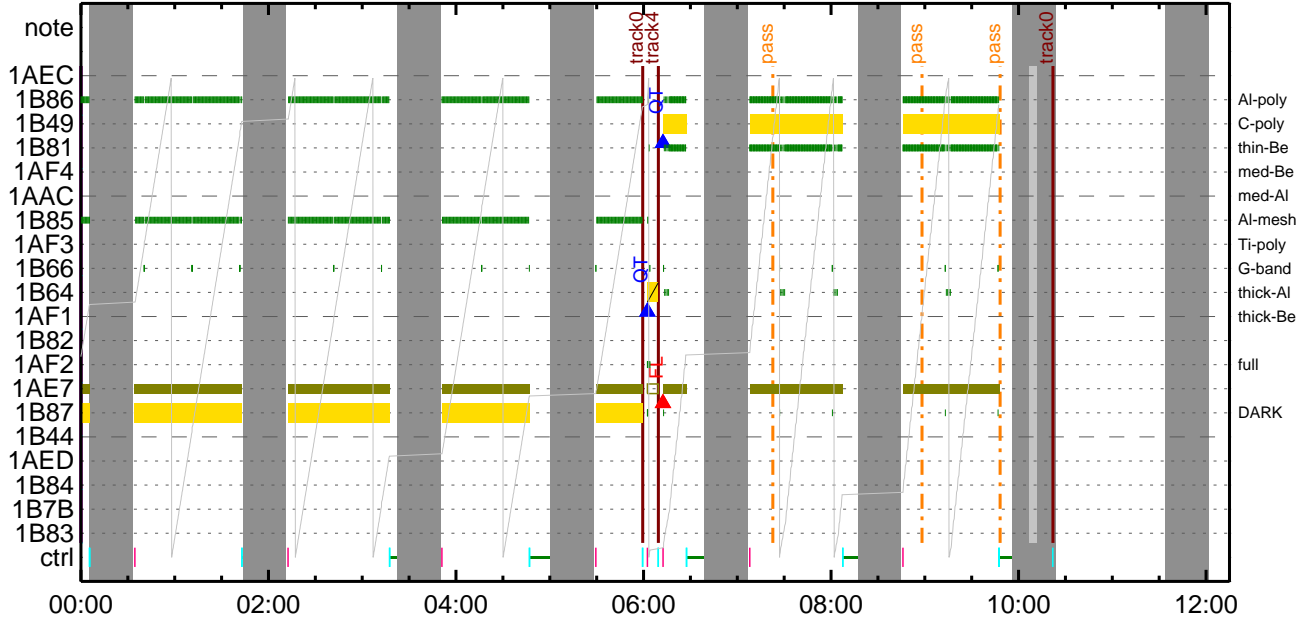
CMDI #0759 2017/05/19



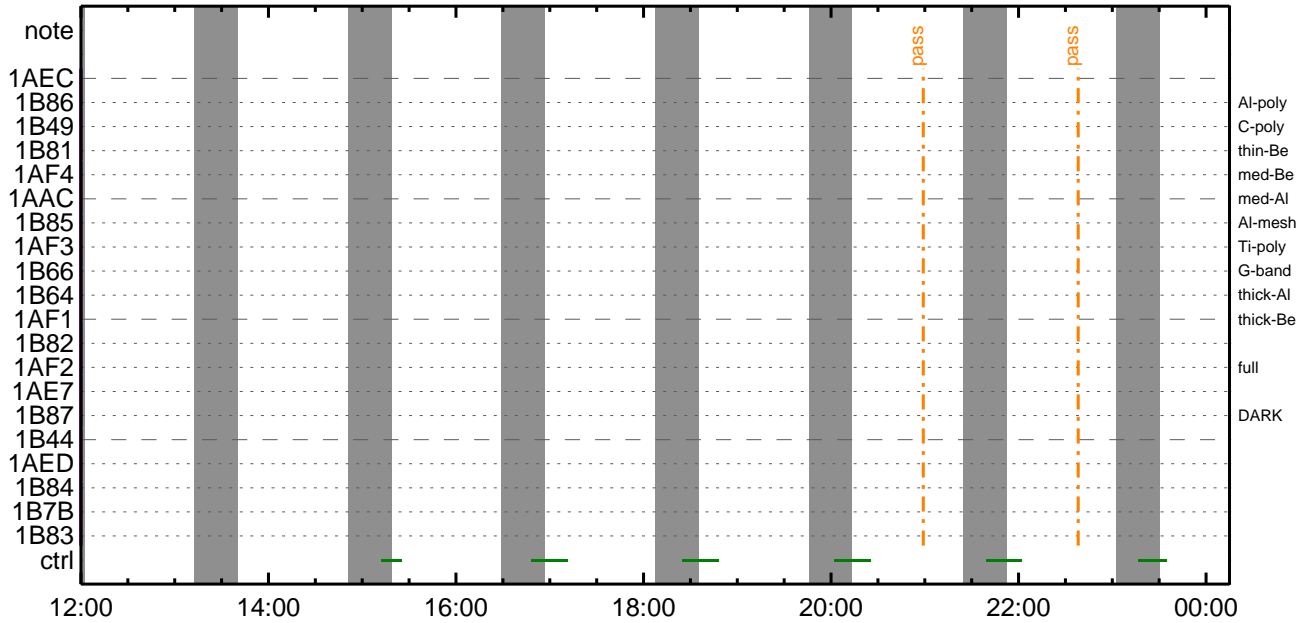
CMDI #0759 2017/05/19



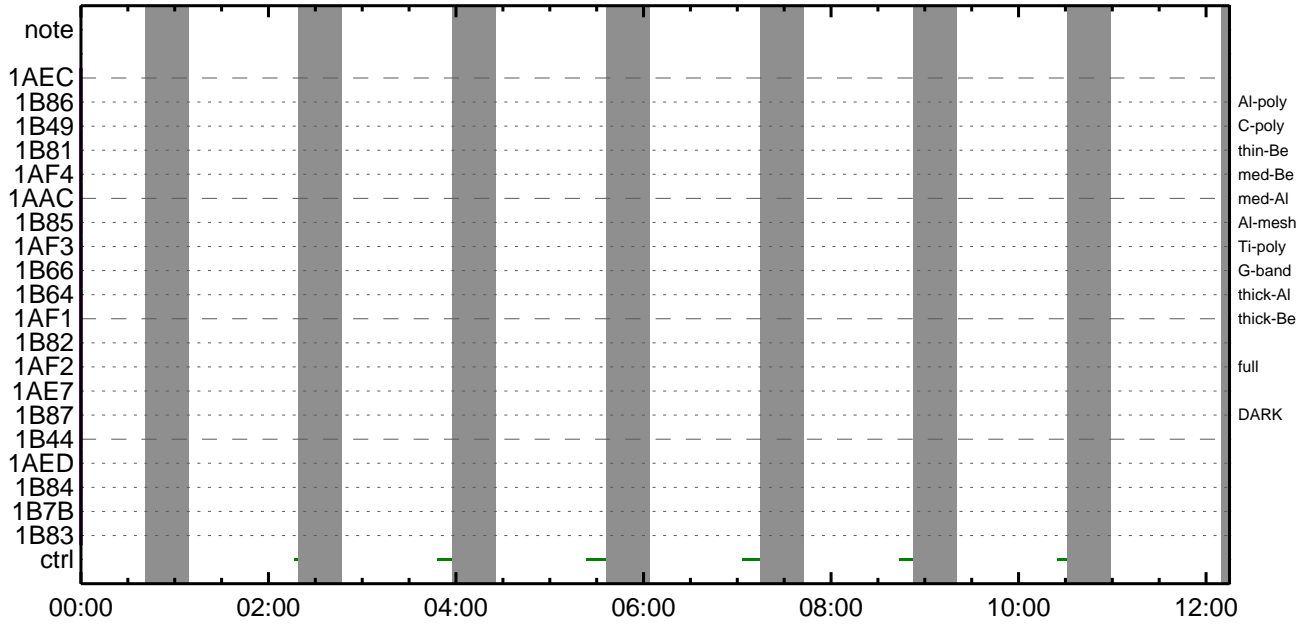
CMDI #0759 2017/05/20



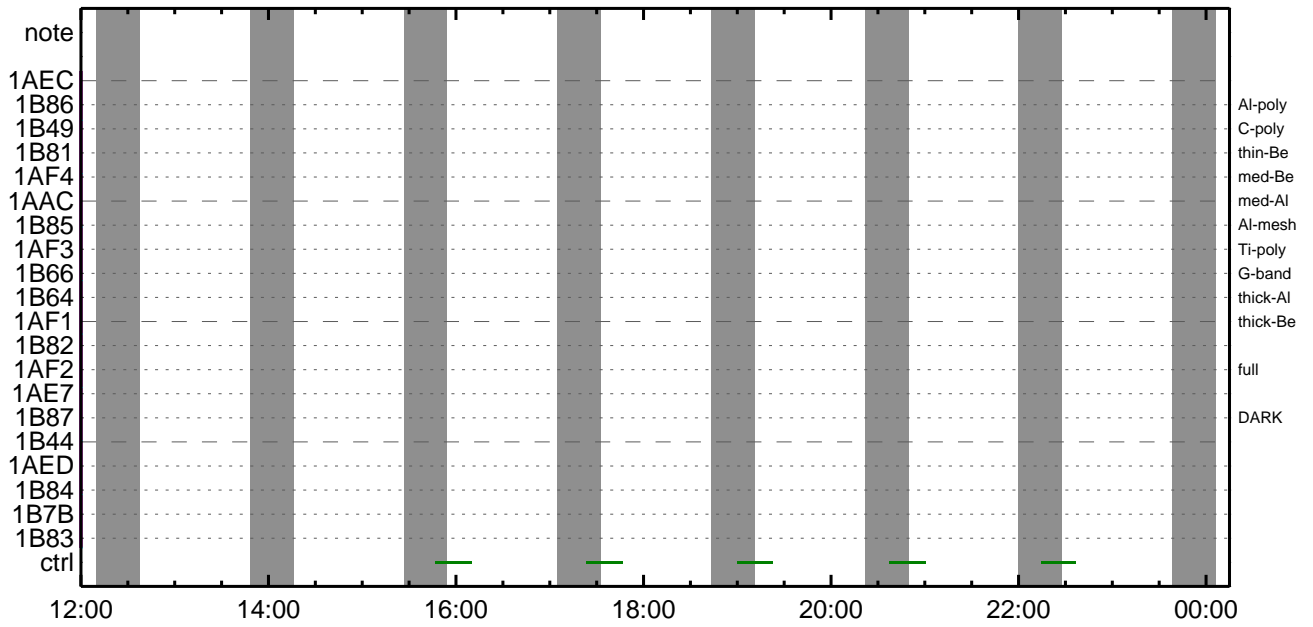
CMDI #0759 2017/05/20



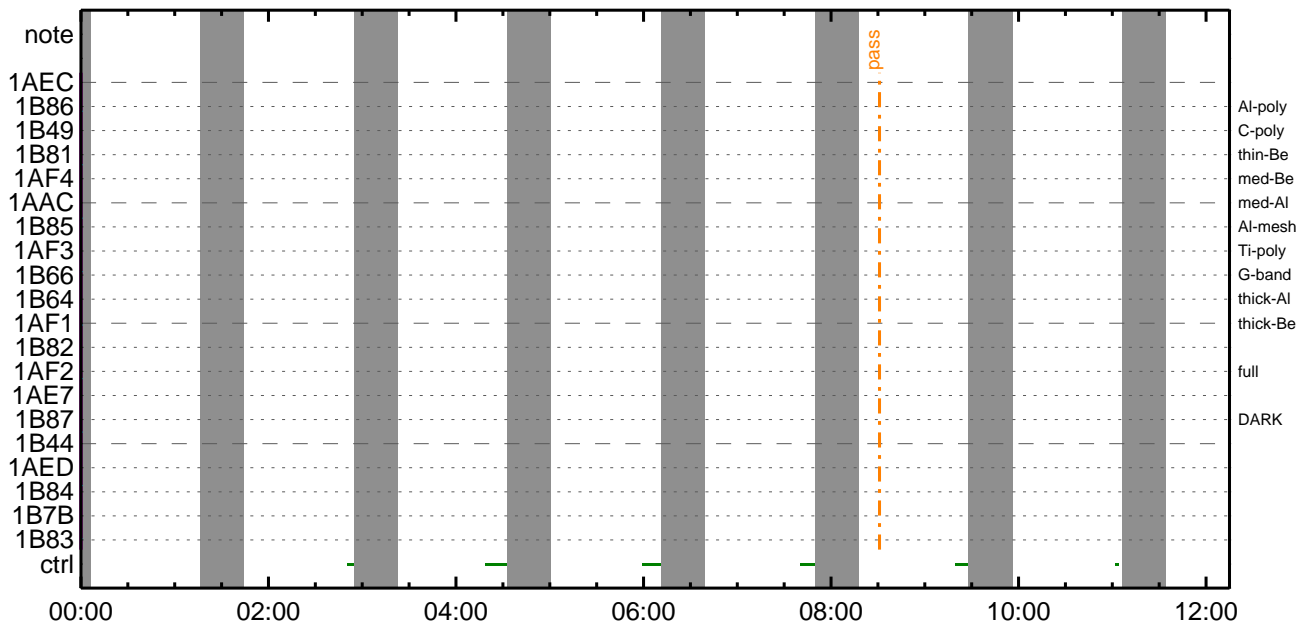
CMDI #0759 2017/05/21



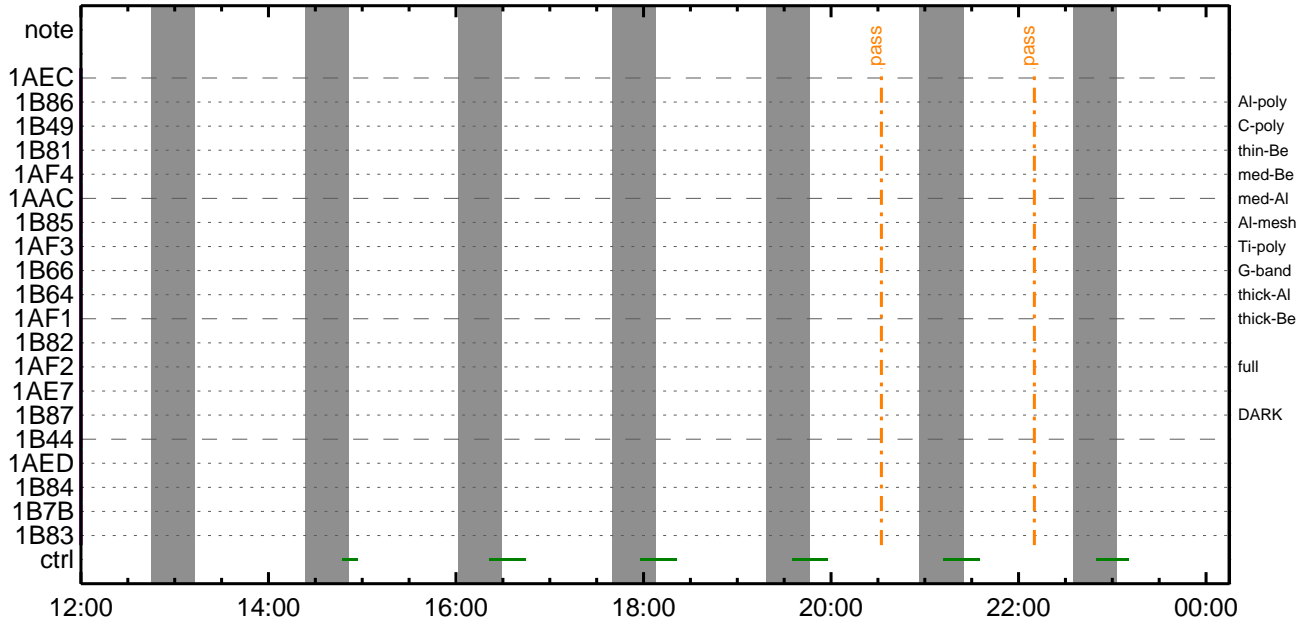
CMDI #0759 2017/05/21



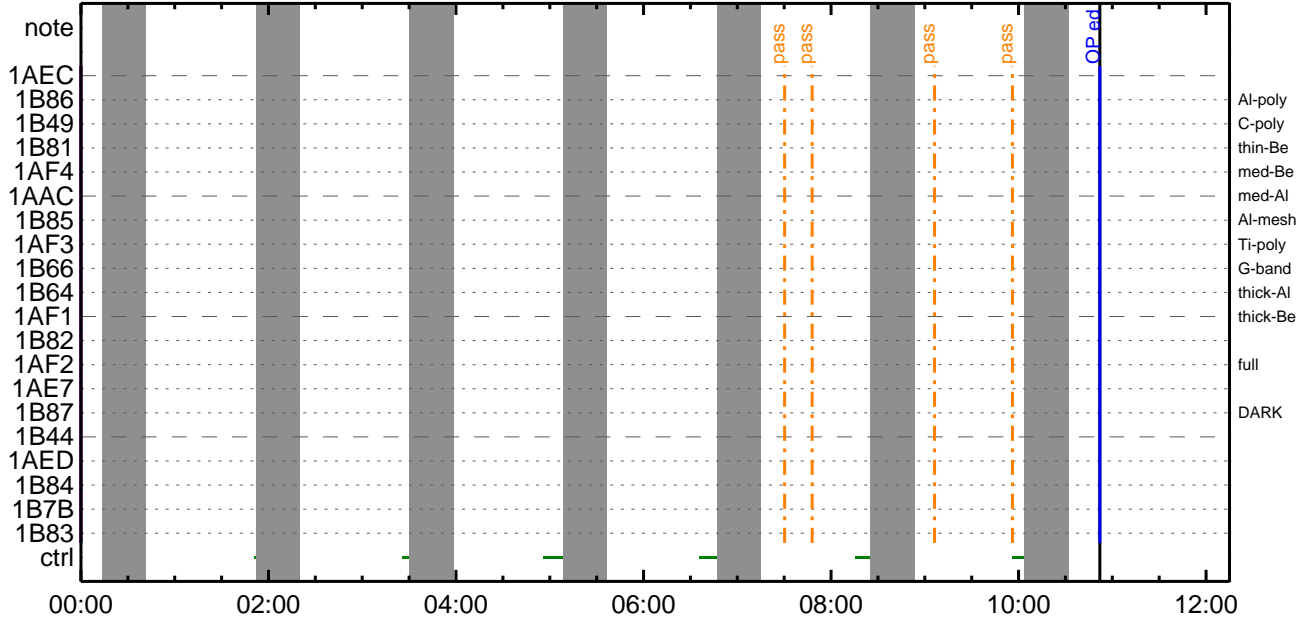
CMDI #0759 2017/05/22



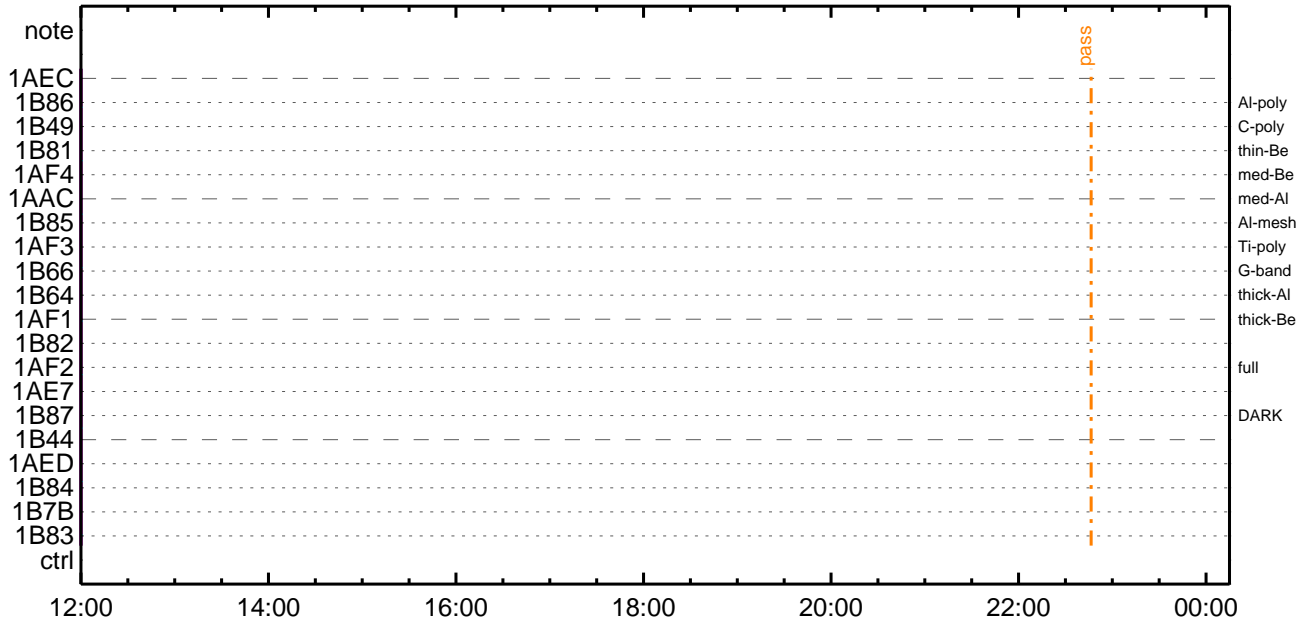
CMDI #0759 2017/05/22



CMDI #0759 2017/05/23



CMDI #0759 2017/05/23




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0194 C.
0195 +. TI 2017-05-18 11:10:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.      ÷÷[HK1_TI_CMD_NUM]      EQ      1COUNTUP
0198 C.
0199 C. °É²¼ɑíÄē%ííñɑîŷÄŷ$ŷÄŷ¹àîŭ
0200 C.      ÷÷[HK1_TI_CMD_ENA/DIS]   EQ      ENA
0201 C.      ÷÷[HK1_TI_CMD_NUM]      EQ      4
0202 C.      ÷÷[HK1_NEXT_EXEC_PIM]   EQ      DHU
0203 C.      ÷÷[HK1_NEXT_EXEC_DC]   EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîî°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.      ÷÷[HK1_DMP_TOP_ADRS_1]  EQ      07
0213 C.      ÷÷[HK1_DMP_TOP_ADRS_0]  EQ      2B
0214 C.      ÷÷[HK1_DMP_BLOCK_NUM]   EQ      3
0215 C.      ÷÷[HK1_DMP_REPEAT_NUM]  EQ      0
0216 C.      ÷÷[HK1_DMA_DMP_PIM]     EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.      ÷÷[HK1_PKT_FORM_NO]     EQ      7
0220 C.      ÷÷[HK1_PKT_GEN_TIME]    EQ      0.25 s
0221 C.      ÷÷[HK1_S_TLM_BIT_RATE]  EQ      32k
0222 C.      ÷÷[HK1_X_TLM_BIT_RATE]  EQ      4M
0223 C.      ÷÷[HK1_DMP_CHK_FLG]     EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»ɑò³îçš
0226 C.      ÷÷[HK1_DMP_CHK_FLG]     EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLɑîîÈ¹ç.è²ìØɑò³îçš
0229 C.
0230 C. DHUŷä;¼ŷÉ;È¼ŷ¼.ŷì;¼ŷÈ;Èɑòîäɑ¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.      ÷÷[HK1_PKT_FORM_NO]     EQ      2
0234 C.      ÷÷[HK1_PKT_GEN_TIME]    EQ      0.5S
0235 C.      ÷÷[HK1_S_TLM_BIT_RATE]  EQ      32K
0236 C.      ÷÷[HK1_X_TLM_BIT_RATE]  EQ      4M
0237 C.
0238 C. Stop EIS observation and temporarily disable EIS mode changes
0239 C.
0240 C.
0241 C. ***** Start EIS operation (TI set) *****
0242 C. Execute, after the success of OP upload.
0243 C. Set EIS TI-commands
0244 +. TI 2017-05-18 11:10:30.0
0245 DC 07-FC EIS_MODE_MANU
0246 BC      (21 02)
0247 +. TI 2017-05-18 11:10:40.0
0248 DC 07-FC EIS_MODE_CHG_DIS
0249 BC      (22)
0250 C.      [    ] [HK1_TI_CMD_NUM] EQ      2 COUNTUP
0251 C. ***** End EIS operation (TI set) *****
0252 C.
0253 C.
0254 C.
0255 C. ***** XRT START *****
0256 C. Execute, after the success of OP upload.
0257 +. TI 2017-05-18 11:10:00.0
0258 DC 07-F0 MDP_XRT_MODE_STBY
0259 BC      (c3)
0260 C.      [    ] [HK1_TI_CMD_NUM] EQ      1COUNTUP
0261 C.
0262 C. ***** XRT END *****
0263 C.
0264 C. ***** MDP `ûĀîɑî»ò¼ŷɑÈĀĐɑ¹ɑèDCBC•x²è *****
0265 C. (¼ª°îŷÖŷÄŷÈŷŷŷÈŷäŷçŷèɑÈ¼ɑ¼Ā»Ūɑ¹ɑè)
0266 S. DC-BC dcbc-402:DCBC
0267 (MDP_known_event)
0268 C.
0269 C.
0270 C. ***** ŷĐŷ¹.İ Daily±;îñɑÈ¹Øɑ¹ɑèDCBC•x²è *****
0271 S. DC-BC dcbc-153:DCBC
0272 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0273 C.
0274 C.
0275 C. ¡äLOSŷÄŷ$ŷÄŷ¹¼Ā»Ū;ä
0276 C.
0277 C. ***** LOS *****
0278 C.

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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0130 +. DC 07-FC EIS_MODE_CHG_ENA
0131 BC (20)
0132 . C. Verify EIS_MODE_CHG_FLG is ENA
0133 +. DC 07-FC EIS_MODE_MANU
0134 BC (21 02)
0135 . C. Verify EIS in MANUAL mode
0136 . C. Estimated OBSTBL upload time is 1m5s
0137 C. *****
0138 C. EIS START OBSTBL LOAD
0139 C. *****
0140 . S. RAM ram-820:EIS_OBSTBL
0141 ( )
0142 +. DC 07-FC EIS_DUMP_OBSTBL
0143 BC (07 07 07 00 00 70 00)
0144 C.
0145 C. Execute, after the success of OBSTBL upload.
0146 C. Set EIS TI-commands
0147 +. TI 2017-05-18 11:10:50.0
0148 DC 07-FC EIS_MODE_CHG_ENA
0149 BC (20)
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0151 C. *****
0152 C. EIS END OBSTBL LOAD
0153 C. *****
0154 C.
0155 . C. ***** MDP 'úÃîâî»ö¼ÝðĚĀð¹ñēDCBC•x²è *****
0156 C. (¼ā°îŸŌŸĀŸĚŸŸŸŸĚŸĀŸŸŸĚŸĚŸĚŸ¼ā¼Ā»Ū¹ñē)
0157 . S. DC-BC dcbc-402:DCBC
0158 (MDP_known_event)
0159 C.
0160 C.
0161 . C. ***** ŸĐŸ¹•İ Daily±ġİŃñĚ'Øñ¹ñēDCBC•x²è *****
0162 . S. DC-BC dcbc-153:DCBC
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0164 C.
0165 C.
0166 . C. ;ãLOSŸĀŸŸŸĀŸŸŸĀŸŸŸĀŸ»Ū;ã
0167 C.
0168 . C. ***** LOS *****
0169 C.

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(a) Spacecraft Operation Procedure (real-commands)

```
main-617 2017-05-18 13:39:19 100 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;äAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YFYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿ðÀð•µ°Æ»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈè¿µ•ííÈ;ÈèÈ¼°ÇÓð•α¿¼í¹çαÍ;çÀ®, ùα¹αèαèαçÁ+¿®α•øÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG_____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ()
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR _____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 85 83 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 08 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 20 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 20 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 80 80 08 20)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0f 80 80 06 06)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 10 80 80 08 08)
0058 + DC 07-F0 MDP_XRT_FLD_ENA
0059 BC (d8)
0060 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0061 BC (c8)
0062 + DC 07-F0 MDP_XRT_ARS_DIS
0063 BC (d5)
0064 + DC 07-F0 MDP_XRT_AEC_RESET
0065 BC (d0)
0066 + DC 07-F0 MDP_XRT_FLD_RESET
0067 BC (da)
0068 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0069 BC (c4 12)
0070 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0071 BC (c5 07)
0072 . C. ----- Success Verify ? OK / NG _____
0073 C.
0074 C.
0075 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0076 C.
0077 +. DC 07-F0 MDP_XRT_MODE_OBSV
0078 BC (c2)
0079 +. TI 2017-05-18 11:10:02.0
0080 DC 07-F0 MDP_XRT_MODE_OBSV
0081 BC (c2)
0082 . C. ----- Success Verify ? OK / NG _____
0083 C.
0084 C. ***** XRT END *****
0085 C.
0086 . C. ***** MDP ´ûÁíí»ò¼YóÈÁð¹æDCBC•×²è *****
0087 C. (¼á°ìYÓYÁYÈYÈYÈYáYçYèα¾¼α¼Á»Û¹αè)
0088 . S. DC-BC dcbc-402:DCBC
0089 (MDP_known_event)
0090 C.
0091 C.
0092 . C. ***** YBY¹.İ Daily±¿íÑèË´Ø¹æDCBC•×²è *****
0093 . S. DC-BC dcbc-153:DCBC
0094 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0095 C.
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0096 C.
0097 . C. ;ãLOS¥Á¥§¥Ã¥-¼Á»Û;ã
0098 C.
0099 . C. ***** LOS *****
0100 C.

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*** OP Sequence for XRT ***

2017/05/18	11:20:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	11:20:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	11:20:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/05/18	11:21:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 56 f1 01 f3		
2017/05/18	11:21:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/18	11:21:20.5	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/18	11:21:22.5	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/18	11:21:24.5	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/18	11:21:26.5	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	11:23:56.5	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2017/05/18	11:23:58.5	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2017/05/18	11:24:00.5	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	11:50:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	11:50:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	11:50:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/05/18	11:51:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 4e 0c 01 f3		
2017/05/18	11:51:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/18	11:51:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/18	11:51:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/18	11:51:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/18	11:51:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	11:53:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2017/05/18	11:53:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2017/05/18	11:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	12:02:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	12:02:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	12:02:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	12:02:06.0	XRT_PREFLR_STRT_414_OG [0x19e]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/18	12:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/18	12:29:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/18	12:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	12:51:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	12:51:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	12:51:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/05/18	12:52:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 45 26 01 f3		
2017/05/18	12:52:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/18	12:52:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/18	12:52:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/18	12:52:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/18	12:52:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	12:54:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2017/05/18	12:54:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2017/05/18	12:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	13:13:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	13:13:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	13:13:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		

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2017/05/18	13:14:00.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 3c 41 01 f3
2017/05/18	13:14:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/18	13:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/18	13:14:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/18	13:14:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/18	13:14:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/18	13:16:56.0	XRT_QT_PROG_SET_422_OG [0x1a6] MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2017/05/18	13:16:58.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/18	13:17:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/18	13:40:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	13:40:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	13:40:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/18	13:40:06.0	XRT_PREFLR_STRT_414_OG [0x19e] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/18	13:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/18	14:07:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	14:07:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	14:07:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/18	14:08:00.0	AOCS_ORe-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 33 64 01 f3
2017/05/18	14:08:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/18	14:08:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/18	14:08:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/18	14:08:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/18	14:08:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/18	14:10:56.0	XRT_QT_PROG_SET_422_OG [0x1a6] MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2017/05/18	14:10:58.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/18	14:11:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/18	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	14:29:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	14:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/18	14:30:00.0	AOCS_ORe-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 2a 7e 01 f3
2017/05/18	14:30:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/18	14:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/18	14:30:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/18	14:30:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/18	14:30:26.0	XRT_FLD_RESET_433_OG [0x1b1] MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/18	14:32:56.0	XRT_QT_PROG_SET_422_OG [0x1a6] MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2017/05/18	14:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4] MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/18	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/18	14:51:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	14:51:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/18	14:51:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/18	14:52:00.0	AOCS_ORe-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00 21 99 01 f3
2017/05/18	14:52:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/18	14:52:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/18	14:52:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/18	14:52:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/18	14:52:26.0	XRT_FLD_RESET_433_OG [0x1b1]			

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2017/05/18	14:54:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/18	14:54:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2017/05/18	14:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/18	15:18:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/18	15:18:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	15:18:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	15:18:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/18	15:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/18	15:53:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/18	15:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]							
2017/05/18	15:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/18	15:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	15:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	15:54:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/18	15:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/18	16:01:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/18	16:01:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	16:01:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	16:02:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/05/18	16:02:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	18	b4	01	f3
2017/05/18	16:02:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/18	16:02:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/18	16:02:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/18	16:02:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/18	16:04:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/18	16:04:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2017/05/18	16:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/18	16:31:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/18	16:31:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	16:31:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	16:32:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/05/18	16:32:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	0f	ce	01	f3
2017/05/18	16:32:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/18	16:32:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/18	16:32:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/18	16:32:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/18	16:34:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/18	16:34:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2017/05/18	16:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/18	16:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/18	16:57:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	16:57:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	16:57:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/18	17:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/18	17:38:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/18	17:38:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/18	17:38:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2017/05/18	17:39:00.0	AOCS_Or-point_Start_10_OG [0x0a0]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	06	f1	01 f3
2017/05/18	17:39:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/05/18	17:39:20.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/05/18	17:39:22.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/05/18	17:39:24.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/05/18	17:39:26.5	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/05/18	17:41:56.5	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2017/05/18	17:41:58.5	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07		
2017/05/18	17:42:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/05/18	18:00:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	18:00:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	18:00:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2017/05/18	18:01:00.0	AOCS_Or-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	00	00	00 00
2017/05/18	18:01:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2017/05/18	18:03:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2017/05/18	18:03:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/05/18	18:03:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b		
2017/05/18	18:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/05/18	18:10:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	18:10:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	18:10:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2017/05/18	18:11:00.0	AOCS_Or-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00	fe	f2	01 f3
2017/05/18	18:11:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/05/18	18:11:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/05/18	18:11:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/05/18	18:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/05/18	18:11:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/05/18	18:13:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2017/05/18	18:13:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07		
2017/05/18	18:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2017/05/18	18:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	18:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	18:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/05/18	18:35:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2017/05/18	18:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2017/05/18	19:15:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	19:15:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2017/05/18	19:15:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2017/05/18	19:16:00.0	AOCS_Or-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	f6	0d	01 f3
2017/05/18	19:16:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2017/05/18	19:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2017/05/18	19:16:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2017/05/18	19:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2017/05/18	19:16:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2017/05/18	19:18:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02		
2017/05/18	19:18:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07		

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2017/05/18	19:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	19:45:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	19:45:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	19:45:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/05/18	19:46:00.0	AOCS_Ore-point_Start_14_OG [0x0a4]					
		AOCU_NM	5	02-76	00 ed 27 01 f3		
2017/05/18	19:46:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/18	19:46:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/18	19:46:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/18	19:46:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/18	19:46:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	19:48:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2017/05/18	19:48:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2017/05/18	19:49:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	20:13:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	20:13:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	20:13:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	20:13:36.0	XRT_PREFLR_STRT_414_OG [0x19e]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/18	20:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/18	20:52:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/18	20:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	20:53:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	20:53:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	20:53:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/05/18	20:54:00.0	AOCS_ORe-point_Start_15_OG [0x0a5]					
		AOCU_NM	5	02-76	00 e4 42 01 f3		
2017/05/18	20:54:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/18	20:54:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/18	20:54:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/18	20:54:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/18	20:54:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	20:56:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2017/05/18	20:56:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2017/05/18	20:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	21:23:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	21:23:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	21:23:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/05/18	21:24:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]					
		AOCU_NM	5	02-76	00 db 65 01 f3		
2017/05/18	21:24:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/18	21:24:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/18	21:24:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/18	21:24:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/18	21:24:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/18	21:26:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2017/05/18	21:26:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2017/05/18	21:27:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/18	21:52:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	21:52:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/18	21:52:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		

2017/05/18	21:52:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/18	21:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/18	22:28:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/18	22:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/18	22:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	22:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	22:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/05/18	22:30:00.0	AOCS_OrE-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 d2 7f 01 f3	
2017/05/18	22:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/18	22:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/18	22:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/18	22:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/18	22:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/18	22:32:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2017/05/18	22:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2017/05/18	22:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/18	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	22:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/05/18	23:00:00.0	AOCS_OrE-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00 c9 9a 01 f3	
2017/05/18	23:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/18	23:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/18	23:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/18	23:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/18	23:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/18	23:02:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2017/05/18	23:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2017/05/18	23:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/18	23:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	23:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	23:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/18	23:30:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/18	23:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/18	23:57:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/18	23:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/18	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/18	23:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/05/19	00:00:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	00 c0 b5 01 f3	
2017/05/19	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/19	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/19	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/19	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/19	00:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/19	00:02:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2017/05/19	00:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2017/05/19	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/19	00:21:54.0	XRT_CTRL_MANU_402_OG [0x192]					

2017/05/19	00:21:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	00:21:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	00:22:00.0	AOCS_Ore-point_Start_20_OG [0x0aa]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2017/05/19	00:22:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	b7	cf 01 f3
2017/05/19	00:22:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/19	00:22:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/19	00:22:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/19	00:22:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/19	00:24:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	00:24:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02	
2017/05/19	00:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2017/05/19	00:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	00:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	00:43:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	00:44:00.0	AOCS_Ore-point_Start_21_OG [0x0ab]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2017/05/19	00:44:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	ae	f2 01 f3
2017/05/19	00:44:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/19	00:44:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/19	00:44:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/19	00:44:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/19	00:46:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	00:46:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02	
2017/05/19	00:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2017/05/19	01:07:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	01:07:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	01:07:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	01:08:00.0	AOCS_Ore-point_Start_22_OG [0x0ac]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2017/05/19	01:08:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	00	00 00 00
2017/05/19	01:08:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/19	01:08:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/19	01:08:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/19	01:08:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/19	01:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	01:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	01:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	01:08:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	01:10:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	01:10:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
2017/05/19	01:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2017/05/19	01:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	01:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG	1	07-F0	e9		
2017/05/19	02:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	02:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	02:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	02:40:00.0	AOCS_Ore-point_Start_23_OG [0x0ad]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2017/05/19	02:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	0d	58 54 72
2017/05/19	02:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		

2017/05/19	02:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/19	02:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/19	02:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/19	02:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	02:42:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	02:42:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	02:42:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	02:42:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	02:42:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12	
2017/05/19	02:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2017/05/19	03:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	03:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2017/05/19	04:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	04:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	04:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	04:11:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	04:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	04:53:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	04:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2017/05/19	05:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	05:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	05:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	05:51:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	05:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	06:31:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	06:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2017/05/19	06:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	06:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	06:34:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	06:35:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2017/05/19	06:35:18.0	XRT_FLD_DIS_406_OG [0x196]	AOCS_OrE-point_Start_11_OG [0x0a1]					
2017/05/19	06:37:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	AOCU_NM	5	02-76	00	00 00 00 00	
2017/05/19	06:37:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/05/19	06:37:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/05/19	06:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/19	06:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2017/05/19	06:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	06:44:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	06:45:00.0	AOCS_OrE-point_Start_24_OG [0x0ae]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	06:45:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2017/05/19	06:45:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCS_OrE-point_Start_24_OG [0x0ae]					
2017/05/19	06:45:22.0	XRT_AEC_RESET_448_OG [0x1c0]	AOCU_NM	5	02-76	00	b6 36 e1 cb	
2017/05/19	06:45:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/19	06:45:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/19	06:47:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/19	06:47:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/19	06:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	07:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		

2017/05/19	07:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	07:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	07:31:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	07:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	08:09:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	08:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2017/05/19	09:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	09:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	09:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	09:11:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	09:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	09:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	09:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2017/05/19	10:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	10:53:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	10:53:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	10:53:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	10:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	10:58:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	10:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2017/05/19	10:59:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	10:59:02.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	10:59:04.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	10:59:06.5	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	10:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	10:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	10:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	11:00:00.0	AOCS_OrE-point_Start_25_OG [0x0af]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/05/19	11:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00		
2017/05/19	11:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/19	11:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/19	11:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/19	11:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/19	11:02:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	11:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	11:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2017/05/19	11:26:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2017/05/19	11:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2017/05/19	12:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	12:37:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	12:37:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	12:37:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/19	12:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/19	13:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/19	13:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2017/05/19	14:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/19	14:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	14:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/19	14:15:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		

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2017/05/19	14:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/19	14:48:30.0	XRT_Custom_430_OG [0x1ae]								
2017/05/19	14:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/19	15:54:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	15:54:02.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	15:54:04.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/19	15:54:06.0	XRT_PREFLR_STRT_414_OG [0x19e]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/19	15:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/19	16:37:00.0	XRT_Custom_430_OG [0x1ae]								
2017/05/19	16:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/19	17:32:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	17:32:02.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	17:32:04.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/19	17:32:06.0	XRT_PREFLR_STRT_414_OG [0x19e]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/19	17:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/19	18:13:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	18:13:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	18:13:28.0	XRT_FOCUS_POSITION_403_OG [0x193]								
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/05/19	18:13:30.5	AOCS_Ore-point_Start_11_OG [0x0a1]								
			AOCU_NM	5	02-76	00 00 00 00 00				
2017/05/19	18:13:48.0	XRT_FLD_DIS_406_OG [0x196]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/05/19	18:16:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/05/19	18:16:26.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/19	18:16:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2017/05/19	18:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/19	18:23:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	18:23:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	18:23:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/05/19	18:23:30.0	AOCS_Ore-point_Start_25_OG [0x0af]								
			AOCU_NM	5	02-76	04 00 00 00 00				
2017/05/19	18:23:48.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/19	18:23:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/19	18:23:52.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/19	18:23:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/19	18:23:56.0	XRT_FLD_RESET_433_OG [0x1b1]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/19	18:26:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2017/05/19	18:26:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2017/05/19	18:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/19	19:10:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	19:10:32.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	19:10:34.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/19	19:10:36.0	XRT_PREFLR_STRT_414_OG [0x19e]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/19	19:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/19	19:50:00.0	XRT_Custom_430_OG [0x1ae]								
2017/05/19	19:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/19	20:49:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	20:49:02.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/19	20:49:04.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/19	20:49:06.0	XRT_PREFLR_STRT_414_OG [0x19e]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/19	20:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								

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2017/05/19	21:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/19	21:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/19	21:29:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/19	21:29:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/19	21:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/05/19	21:30:00.0	AOCS_Or-point_Start_26_OG [0x0b0]				
			AOCU_NM	5	02-76	02 00 00 00 00
2017/05/19	21:30:18.0	XRT_FLD_ENA_411_OG [0x19b]				
			MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/19	21:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/19	21:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]				
			MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/19	21:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]				
			MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/19	21:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/19	21:32:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2017/05/19	21:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]				
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/19	21:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/19	22:27:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/19	22:27:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/19	22:27:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/19	22:27:36.0	XRT_PREFLR_STRT_414_OG [0x19e]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/19	22:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/19	23:02:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/19	23:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	00:05:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	00:05:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	00:05:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	00:05:36.0	XRT_PREFLR_STRT_414_OG [0x19e]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/20	00:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/20	00:33:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/20	00:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	01:43:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	01:43:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	01:43:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	01:43:06.0	XRT_PREFLR_STRT_414_OG [0x19e]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/20	01:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/20	02:11:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/20	02:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	03:17:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	03:17:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	03:17:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	03:17:36.0	XRT_PREFLR_STRT_414_OG [0x19e]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/20	03:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/20	03:50:00.0	XRT_Custom_430_OG [0x1ae]				
2017/05/20	03:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	04:47:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	04:47:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	04:47:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	04:47:06.0	XRT_PREFLR_STRT_414_OG [0x19e]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/20	04:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/20	05:28:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/20	05:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2017/05/20	05:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	05:59:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	05:59:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/20	05:59:30.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 00 00 00 00
2017/05/20	05:59:48.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/20	06:02:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/05/20	06:02:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/20	06:02:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2017/05/20	06:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	06:09:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	06:09:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	06:09:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/05/20	06:09:30.0	AOCS_ORe-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	04 00 00 00 00
2017/05/20	06:09:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/20	06:09:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/20	06:09:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/20	06:09:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/20	06:09:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	06:12:26.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2017/05/20	06:12:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/20	06:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	06:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	06:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	06:27:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	06:27:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/20	06:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/20	07:07:00.0	XRT_Custom_430_OG [0x1ae]				
2017/05/20	07:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	08:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	08:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	08:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	08:07:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/20	08:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/20	08:45:00.0	XRT_Custom_430_OG [0x1ae]				
2017/05/20	08:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/20	09:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	09:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	09:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/20	09:47:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/20	09:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/20	10:21:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/20	10:22:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 00 00 00 00