

XRT Timeline to be uploaded on 2016/02/20

Period: 2016/02/20 09:01:00 - 2016/02/25 11:54:00

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Normal mode

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XOB #1AF6: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
02/20 09:28:00 - 02/20 11:29:54	Track (-97.7, 168.2) @ 02/20 09:11:00	# OP start + 10min, AR12501
02/20 13:33:00 - 02/20 17:46:00	Track (-57.1, 168.7) @ 02/20 13:30:00	# AR12501
02/20 18:22:30 - 02/20 22:38:00	Track (-11.6, 169.0) @ 02/20 18:19:30	# Cont,
02/20 23:03:00 - 02/21 01:59:54	Track (84.8, 176.0) @ 02/20 23:00:00	IHOP243 plage near disk center
02/21 02:03:00 - 02/21 05:55:54	Track (60.8, 169.0) @ 02/21 02:00:00	# AR12501
02/21 06:09:00 - 02/21 11:29:54	Track (99.3, 168.7) @ 02/21 06:06:00	# Cont,
02/21 18:11:00 - 02/21 23:13:00	Track (211.3, 166.6) @ 02/21 18:08:00	# AR12501
02/21 23:33:00 - 02/22 02:12:30	Track (160.7, 138.1) @ 02/21 23:30:00	IHOP243 plage near disk center
02/22 02:33:30 - 02/22 05:59:54	Track (286.0, 164.3) @ 02/22 02:20:00	# AR12501
02/22 06:13:00 - 02/22 10:21:30	Track (320.3, 163.0) @ 02/22 06:10:00	# Cont,
02/22 16:33:00 - 02/22 17:59:54	Track (410.5, 158.7) @ 02/22 16:30:00	# AR12501
02/22 18:13:00 - 02/23 05:28:54	Track (424.6, 157.8) @ 02/22 18:10:00	# Cont,
02/23 05:42:00 - 02/23 09:16:30	Track (519.0, 151.5) @ 02/23 05:39:00	# Cont,

PROG= 13 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
Subr= 2 5-time(s) 2.0sec													
└─ Seqn= 75 1-time(s) 2.0sec													
└─	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
└─	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
└─	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
└─ Seqn= 2 4-time(s) 180.0sec													
└─	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	55.0sec
└─	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	55.0sec
└─	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 #1AF6: CME watch - 4x4 - AEC 2/3 - Be-thin (Be-Med) - Long/Short Pairs - 180s cad

Term	Pointing (x, y)	Comment
02/20 11:33:00 - 02/20 13:29:54	Fixed (-16.0, -981.0)	# IHOP249 limb spicule at South CH
02/21 11:33:00 - 02/21 13:29:54	Fixed (-16.0, -981.0)	IHOP249 limb spicule at South CH
02/21 13:33:00 - 02/21 17:57:54	Fixed (620.0, -730.0)	# EIS spectral atlas at off-limb

PROG= 15 Inf.-time(s)

Subr= 1 20-time(s) 180.0sec													
└─ Seqn= 12 1-time(s) 2.0sec													
└─	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
└─	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

XOB #1B11: Synoptic Q95 2x2 - Al/mesh(8/181/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(16/181/4096) + Th

Term	Pointing (x, y)	Comment
02/20 18:12:30 - 02/20 18:19:24	Fixed (0.0, 0.0)	synoptic, shifted 9.5 min
02/21 05:59:00 - 02/21 06:05:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min
02/21 18:01:00 - 02/21 18:07:54	Fixed (0.0, 0.0)	synoptic, shifted -2.0 min
02/22 06:03:00 - 02/22 06:09:54	Fixed (0.0, 0.0)	synoptic
02/22 18:03:00 - 02/22 18:09:54	Fixed (0.0, 0.0)	synoptic
02/23 05:32:00 - 02/23 05:38:54	Fixed (0.0, 0.0)	synoptic, shifted -31.0 min

PROG= 12 1-time(s)

Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 5 1-time(s) 2.0sec													
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
└─	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 37 1-time(s) 2.0sec													
└─	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 51 1-time(s) 2.0sec													
└─	Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─	Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Seqn= 6	1-time(s)	2.0sec																		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec								
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 #1AAC: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 3ms																					
Term		Pointing (x, y)										Comment									
02/22 10:33:00 - 02/22 16:29:54		Fixed (-16.0, -946.0)										HOP206 at S-pole									
PROG= 16 Inf.-time(s)																					
Subr= 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		30-time(s)	2.0sec																		
Seqn= 57		1-time(s)	60.0sec																		
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										

* * * * * Flare mode * * * * *

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									
02/20 09:28:00 - 02/20 11:29:54		Track (-97.7, 168.2) @ 02/20 09:11:00										# OP start + 10min, AR12501									
02/20 11:33:00 - 02/20 13:29:54		Fixed (-16.0, -981.0)										# IHOP249 limb spicule at South CH									
02/20 13:33:00 - 02/20 17:46:00		Track (-57.1, 168.7) @ 02/20 13:30:00										# AR12501									
02/20 18:22:30 - 02/20 22:38:00		Track (-11.6, 169.0) @ 02/20 18:19:30										# Cont,									
02/20 23:03:00 - 02/21 01:59:54		Track (84.8, 176.0) @ 02/20 23:00:00										IHOP243 plage near disk center									
02/21 02:03:00 - 02/21 05:55:54		Track (60.8, 169.0) @ 02/21 02:00:00										# AR12501									
02/21 06:09:00 - 02/21 11:29:54		Track (99.3, 168.7) @ 02/21 06:06:00										# Cont,									
02/21 11:33:00 - 02/21 13:29:54		Fixed (-16.0, -981.0)										IHOP249 limb spicule at South CH									
02/21 13:33:00 - 02/21 17:57:54		Fixed (620.0, -730.0)										# EIS spectral atlas at off-limb									
02/21 18:11:00 - 02/21 23:13:00		Track (211.3, 166.6) @ 02/21 18:08:00										# AR12501									
02/21 23:33:00 - 02/22 02:12:30		Track (160.7, 138.1) @ 02/21 23:30:00										IHOP243 plage near disk center									
02/22 02:33:30 - 02/22 05:59:54		Track (286.0, 164.3) @ 02/22 02:20:00										# AR12501									
02/22 06:13:00 - 02/22 10:21:30		Track (320.3, 163.0) @ 02/22 06:10:00										# Cont,									
02/22 10:33:00 - 02/22 16:29:54		Fixed (-16.0, -946.0)										HOP206 at S-pole									
02/22 16:33:00 - 02/22 17:59:54		Track (410.5, 158.7) @ 02/22 16:30:00										# AR12501									
02/22 18:13:00 - 02/23 05:28:54		Track (424.6, 157.8) @ 02/22 18:10:00										# Cont,									
02/23 05:42:00 - 02/23 09:16:30		Track (519.0, 151.5) @ 02/23 05:39:00										# Cont,									
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										

* * * * * Active Region Search * * * * *

NOT USED

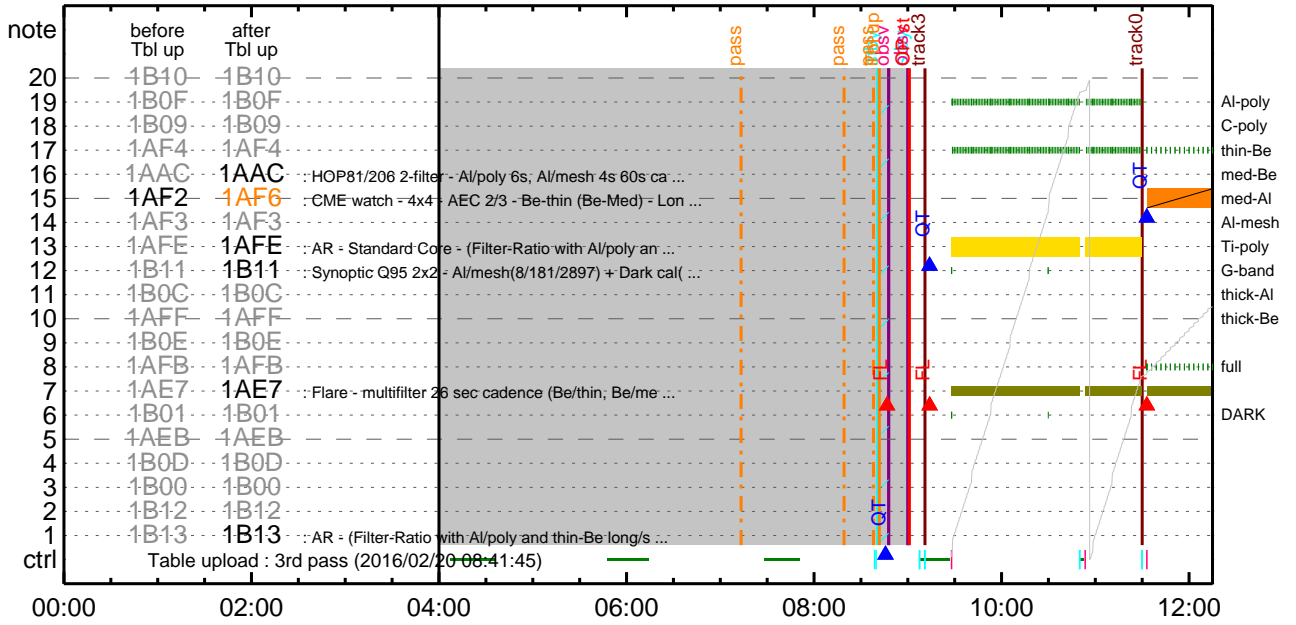
* * * * * Flare Detection * * * * *

FLD Patrol																					
Term		Pointing (x, y)										Comment									
02/20 18:19:48 - 02/21 05:56:18		Track (-11.6, 169.0) @ 02/20 18:19:30										# Cont,									
02/21 06:06:18 - 02/21 17:58:18		Track (99.3, 168.7) @ 02/21 06:06:00										# Cont,									

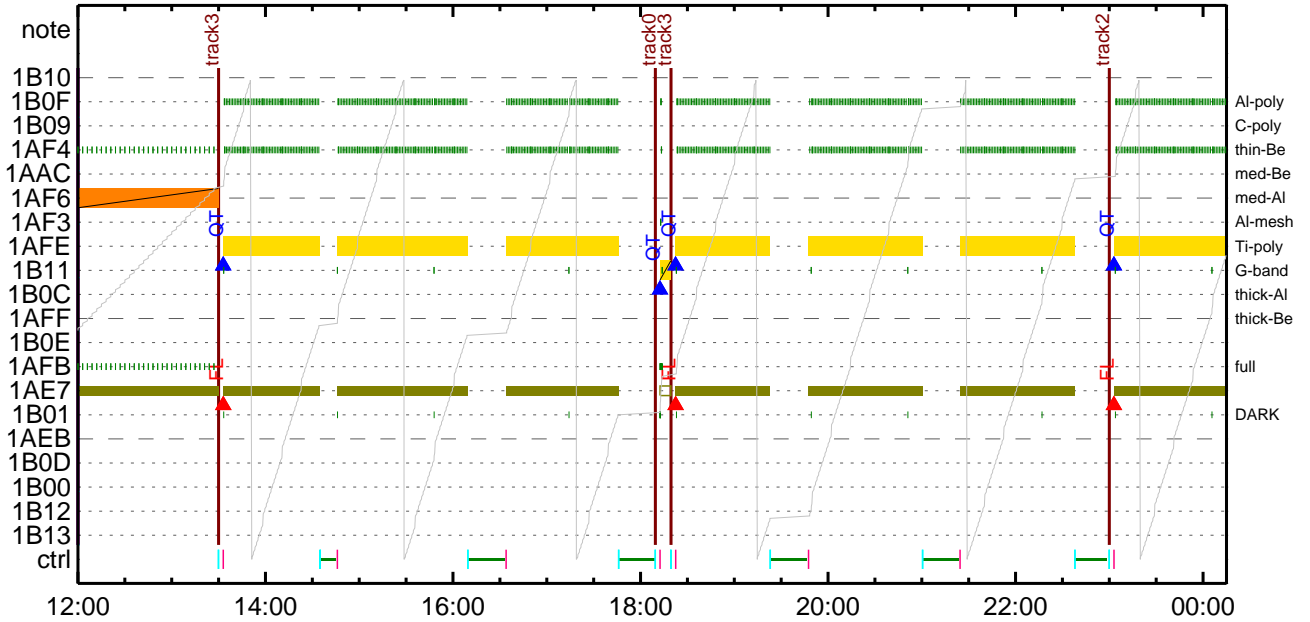
02/21 18:08:18 - 02/22 06:00:18 Track (211.3, 166.6) @ 02/21 18:08:00 # AR12501
 02/22 06:10:18 - 02/22 18:00:18 Track (320.3, 163.0) @ 02/22 06:10:00 # Cont,
 02/22 18:10:18 - 02/23 05:29:18 Track (424.6, 157.8) @ 02/22 18:10:00 # Cont,
 02/23 05:39:18 - 02/25 11:54:00 Track (519.0, 151.5) @ 02/23 05:39:00 # Cont,

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

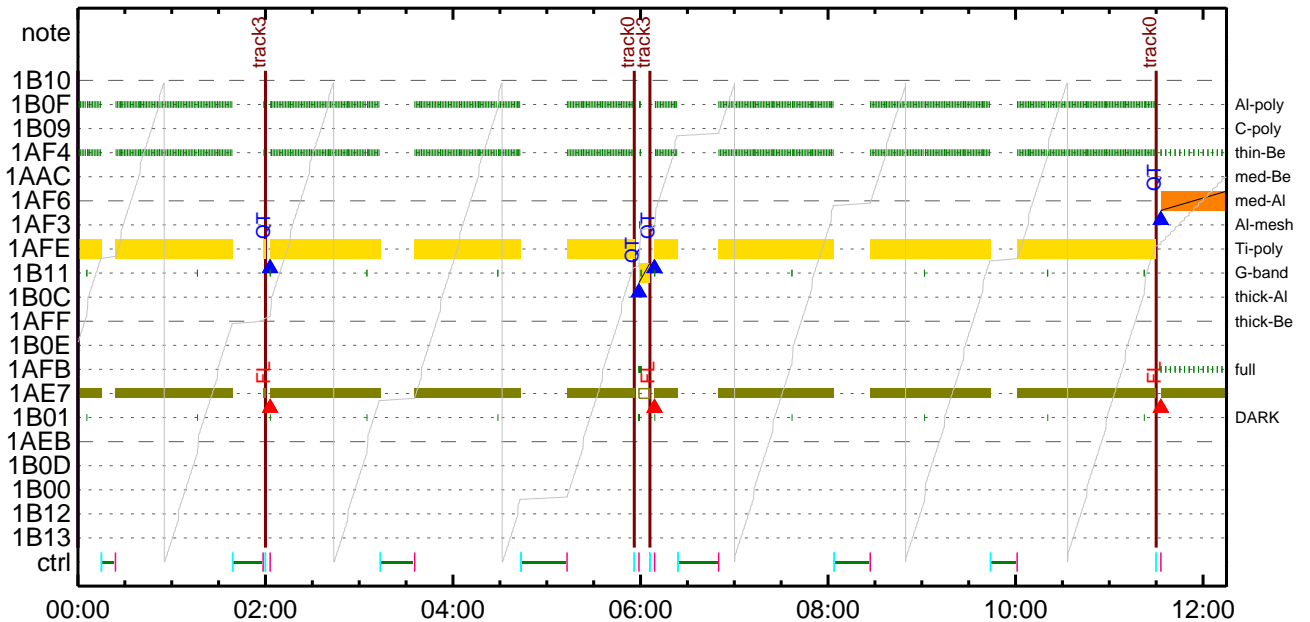
CMDI #0714 2016/02/20



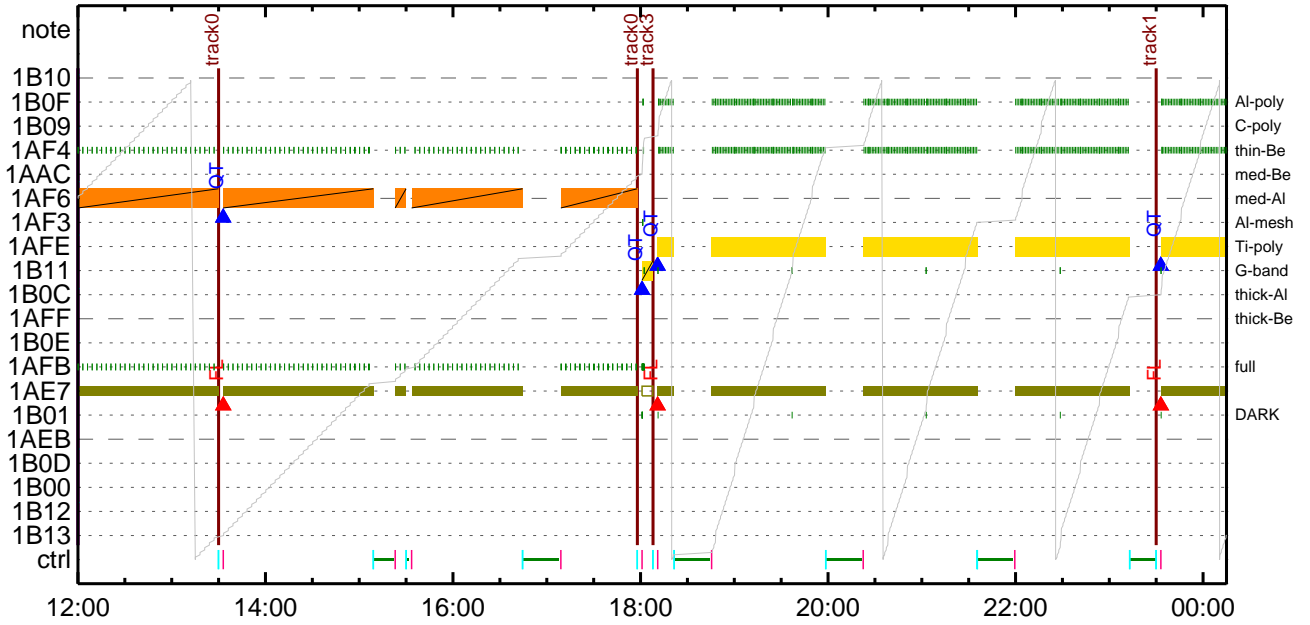
CMDI #0714 2016/02/20



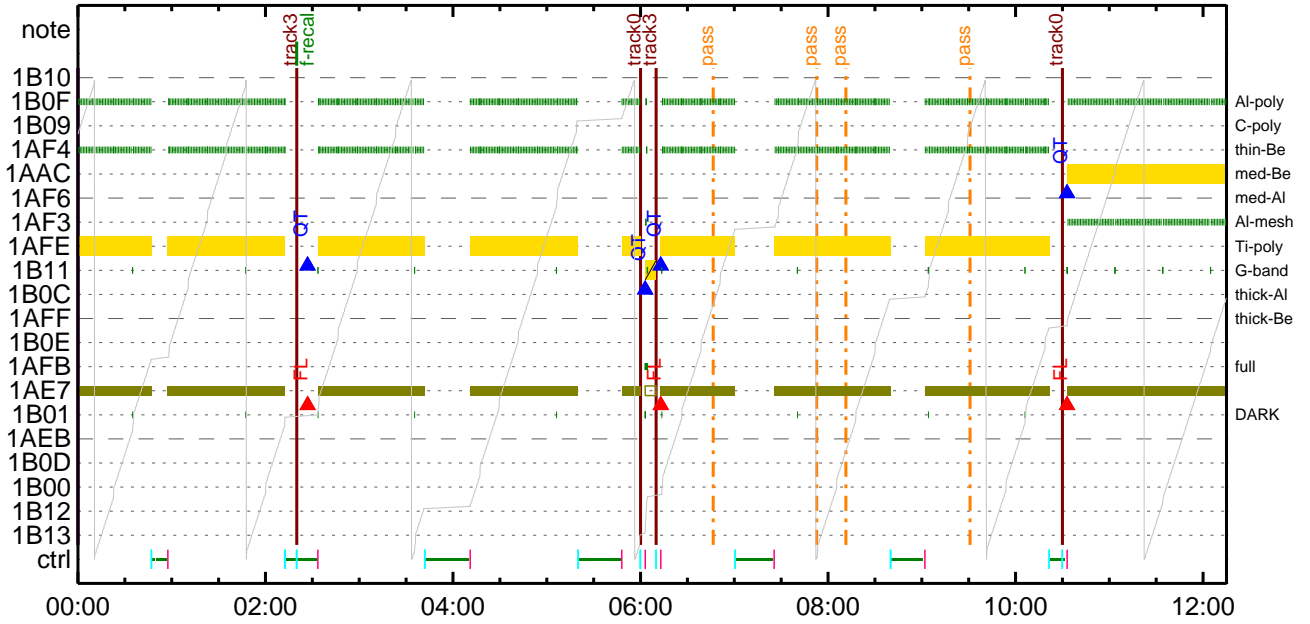
CMDI #0714 2016/02/21



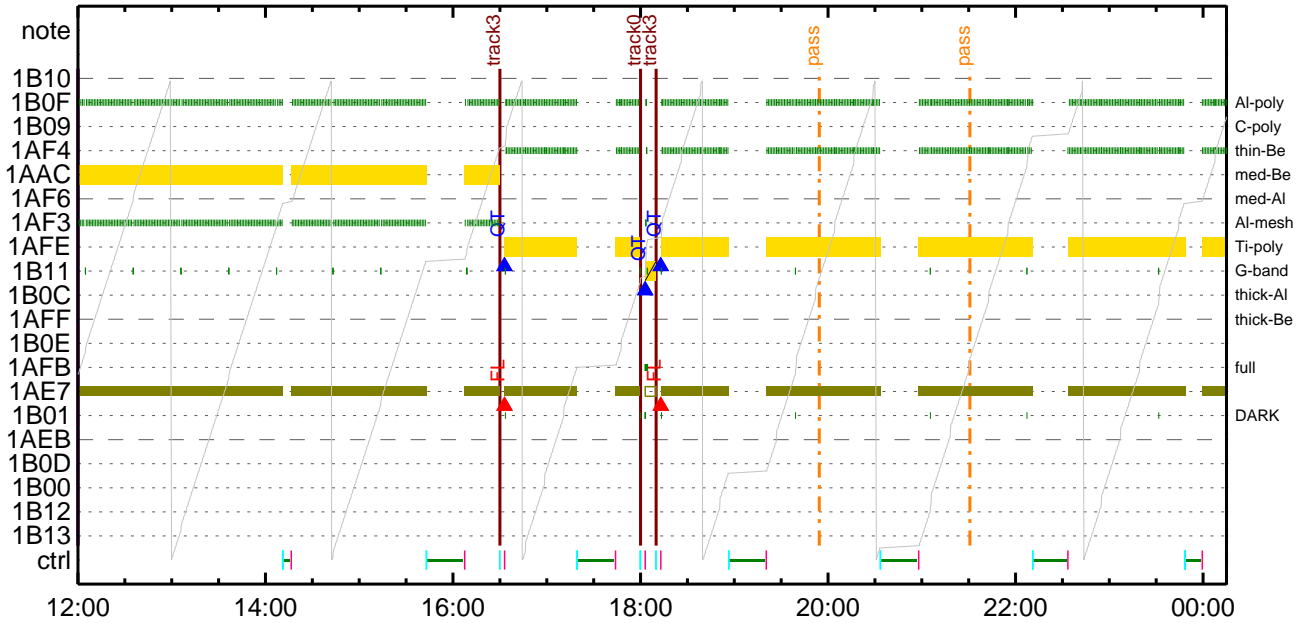
CMDI #0714 2016/02/21



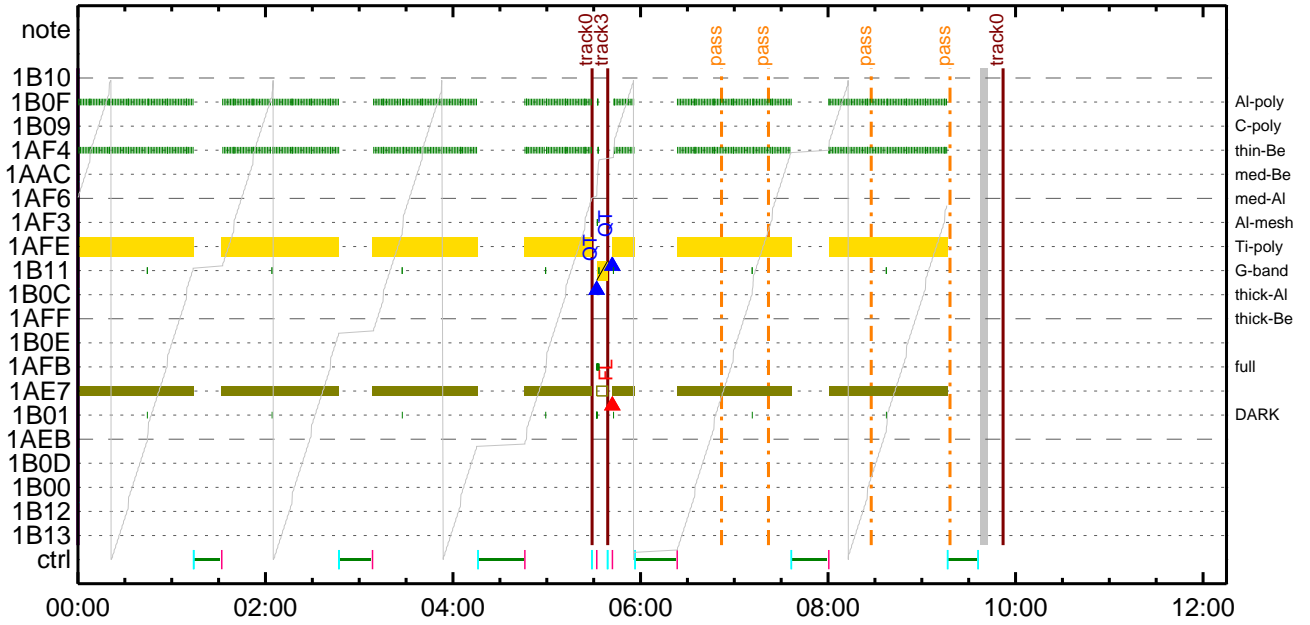
CMDI #0714 2016/02/22



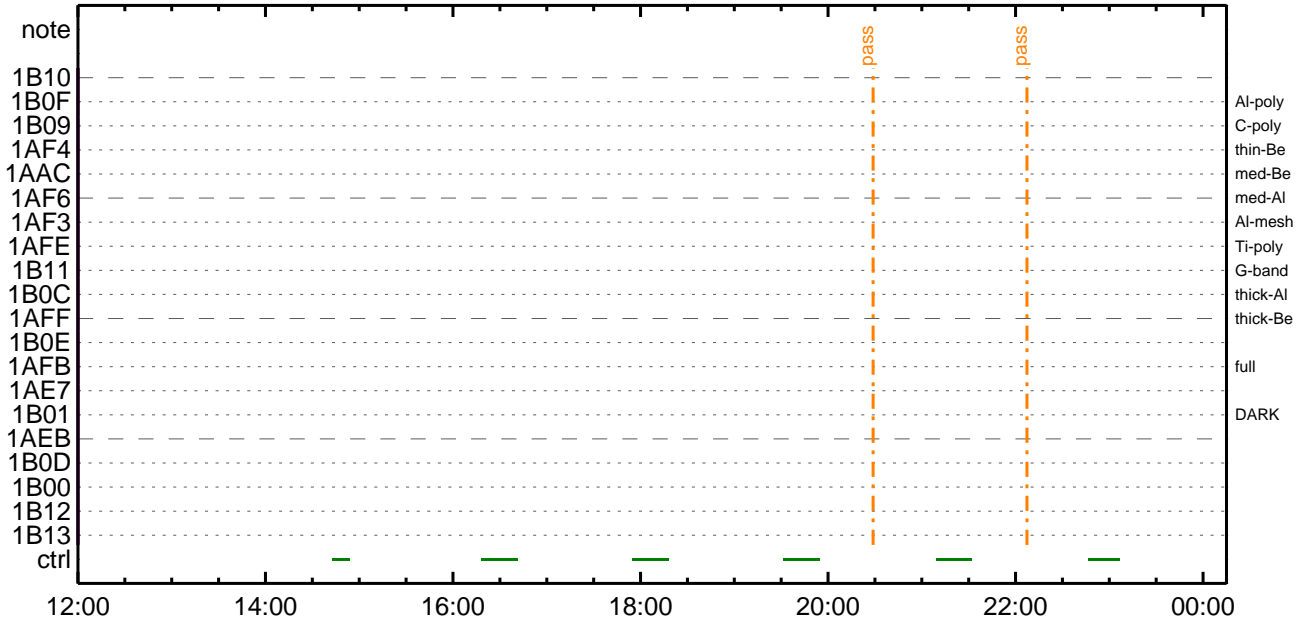
CMDI #0714 2016/02/22



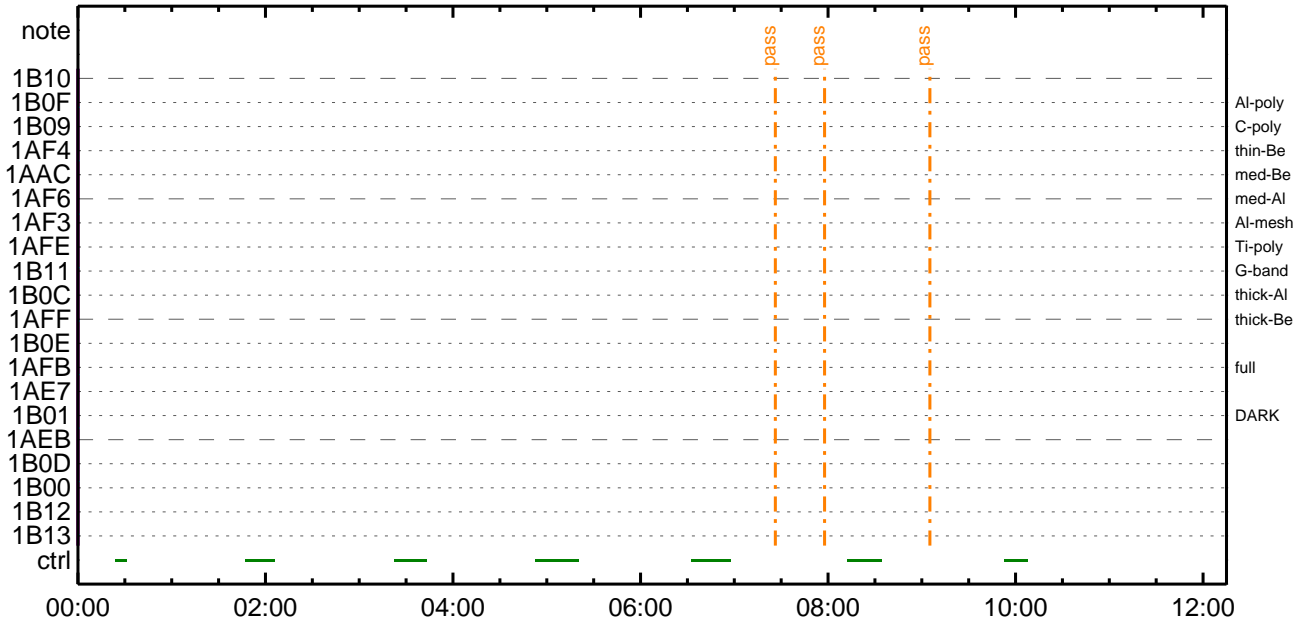
CMDI #0714 2016/02/23



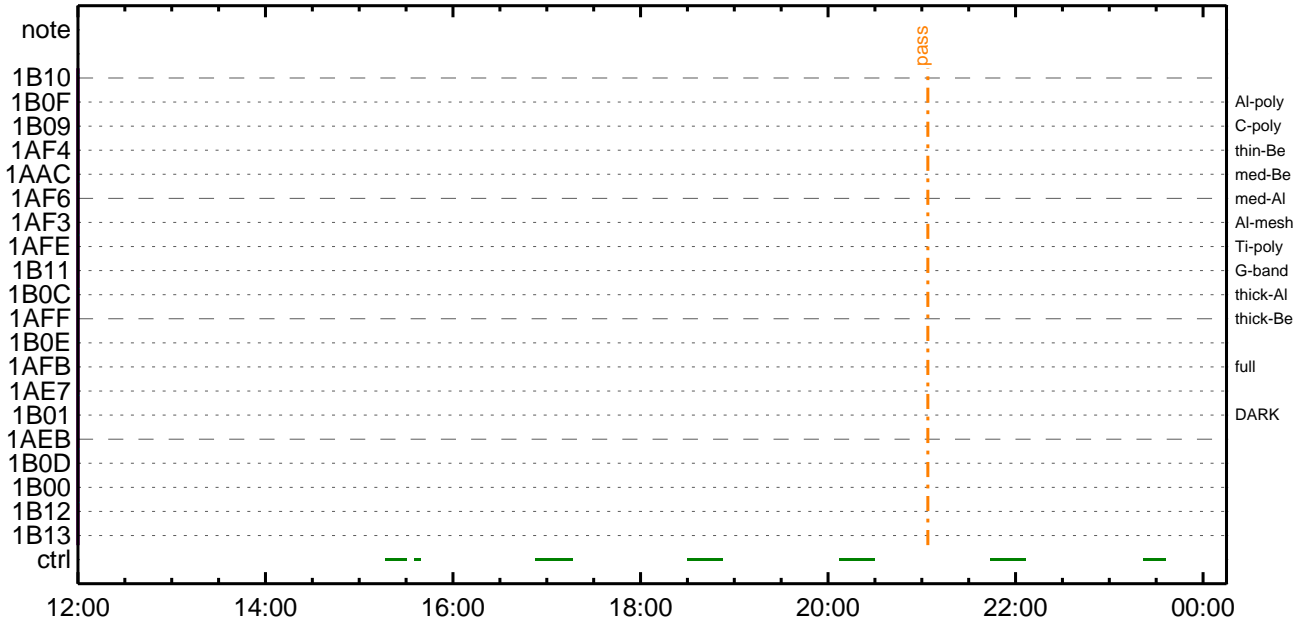
CMDI #0714 2016/02/23



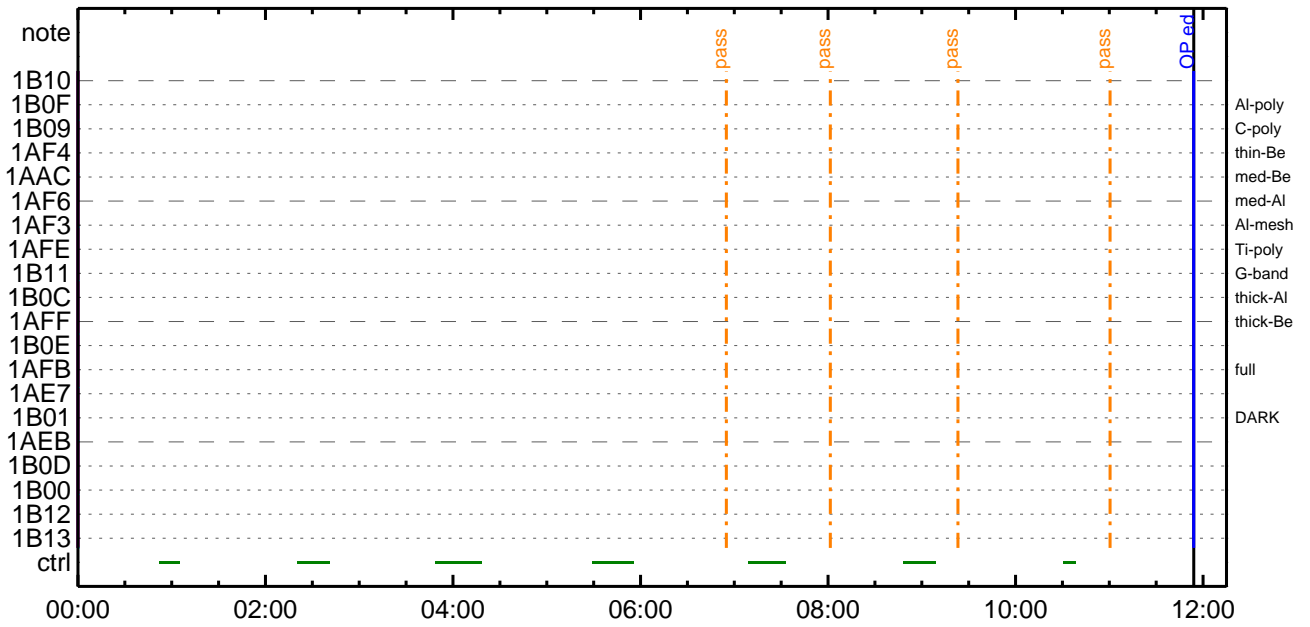
CMDI #0714 2016/02/24



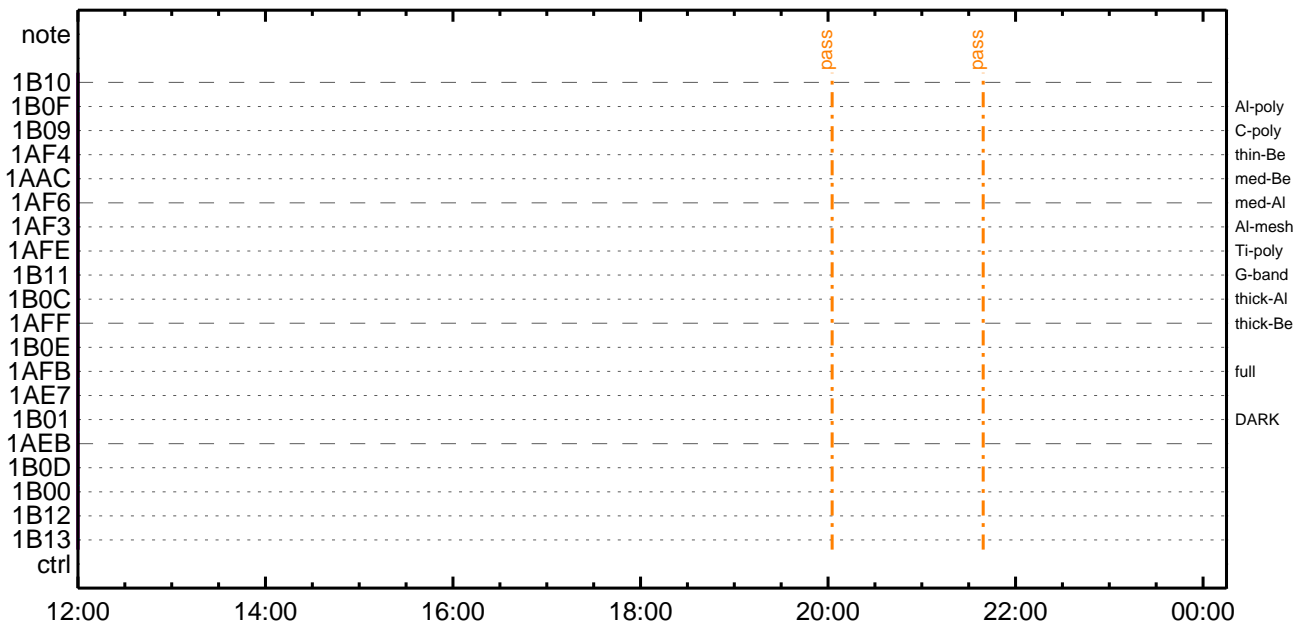
CMDI #0714 2016/02/24



CMDI #0714 2016/02/25



CMDI #0714 2016/02/25




```
0096 C.                00000000; SET 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000
0097 C.
0098 . C. TI 2016-02-20 08:56:00.0
0099 +. TI 2016-02-20 08:56:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                00000000 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2016-02-20 08:56:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                00000000 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2016-02-20 08:56:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                00000000 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2016-02-20 09:00:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                00000000 [HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C.                00000000 [HK1_TI_CMD_ENA/DIS] EQ ENA
0116 C.                00000000 [HK1_TI_CMD_NUM] EQ 4
0117 C.                00000000 [HK1_NEXT_EXEC_PIM] EQ DHU
0118 C.                00000000 [HK1_NEXT_EXEC_DC] EQ 0xB3
0119 C.
0120 C.
0121 . C. *****
0122 C. TI 2016-02-20 09:00:59.5
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.                00000000 [HK1_DMP_TOP_ADRS_1] EQ 07
0129 C.                00000000 [HK1_DMP_TOP_ADRS_0] EQ 2B
0130 C.                00000000 [HK1_DMP_BLOCK_NUM] EQ 3
0131 C.                00000000 [HK1_DMP_REPEAT_NUM] EQ 0
0132 C.                00000000 [HK1_DMA_DMP_PIM] EQ DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                00000000 [HK1_PKT_FORM_NO] EQ 7
0136 C.                00000000 [HK1_PKT_GEN_TIME] EQ 0.25 s
0137 C.                00000000 [HK1_S_TLM_BIT_RATE] EQ 32k
0138 C.                00000000 [HK1_X_TLM_BIT_RATE] EQ 4M
0139 C.                00000000 [HK1_DMP_CHK_FLG] EQ EXEC
0140 C.
0141 . C. 00000000 [HK1_DMP_CHK_FLG] EQ NON
0142 C.
0143 C.
0144 . C. RAM ID=TI_TBL 00000000 00000000 00000000 00000000
0145 C.
0146 . C. DHU 00000000 00000000 00000000 00000000
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                00000000 [HK1_PKT_FORM_NO] EQ 2
0150 C.                00000000 [HK1_PKT_GEN_TIME] EQ 0.5S
0151 C.                00000000 [HK1_S_TLM_BIT_RATE] EQ 32K
0152 C.                00000000 [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 2016-02-20 09:00:16.0
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 2016-02-20 09:00:00.0
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. Stop EIS observation and temporarily disable EIS mode changes
0175 C.
0176 C.
0177 C. ***** Start EIS operation (TI set) *****
0178 C. Execute, after the success of OP upload.
0179 C. Set EIS TI-commands
0180 +. TI 2016-02-20 09:00:30.0
0181 DC 07-FC EIS_MODE_MANU
0182 BC (21 02)
0183 +. TI 2016-02-20 09:00:40.0
0184 DC 07-FC EIS_MODE_CHG_DIS
0185 BC (22)
0186 . C. [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0187 C. ***** End EIS operation (TI set) *****
0188 C.
0189 C.
0190 C.
0191 . C. ***** MDP 00000000 00000000 00000000 00000000 *****
0192 C. (00000000 00000000 00000000 00000000)
0193 . S. DC-BC dcbc-402:DCBC
```

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-674 2016-02-20 13:45:20 148 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFÿ6YÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿ðÁð•µ°È»ÍxÁÇçíYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈÈ¼°ÇÒç•ç¿¼l¹ççí;çÁ®, ùç¹çÈçBççÁ+¿®ç•çÈççç³çÈ;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-263:MDP_OBS_F
0026 ()
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 . C. < Stop SP table >
0036 +. DC 07-F0 MDP_SP_CTRL_MANU
0037 BC (61)
0038 C. -----
0039 C. MDP_SP_CTRL_MODE = MANU [ ]
0040 C. -----
0041 C.
0042 . C. <Upload SP Observation Table>
0043 . S. RAM ram-285:MDP_OBS_S
0044 ()
0045 C.
0046 . C. < Dump RAMID=MDP_OBS_S >
0047 +. DC 07-F0 MDP_DUMP_SPTBL
0048 BC (83 07 00 00 00 38 b8)
0049 C. -----
0050 C. MDP_OBS_S verify = OK/NG [ ]
0051 C. -----
0052 C.
0053 C. *****
0054 C. SOT TI command set
0055 C. *****
0056 C. Execute, after the success of TBL upload.
0057 +. TI 2016-02-20 09:00:18.0
0058 DC 07-F0 MDP_SOT_MODE_OBSV
0059 BC (40)
0060 C. -----
0061 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0062 C. -----
0063 C.
0064 C.
0065 C. ***** XRT START *****
0066 C.
0067 +. DC 07-F0 MDP_XRT_CTRL_MANU
0068 BC (c1)
0069 +. DC 07-F0 MDP_XRT_CTRL_MANU
0070 BC (c1)
0071 +. DC 07-F0 MDP_XRT_MODE_STBY
0072 BC (c3)
0073 . C. ----- Success Verify ? OK / NG ____
0074 C.
0075 C. XRT Obs. Table Upload
0076 . S. RAM ram-291:MDP_OBS_X
0077 ()
0078 C.
0079 +. DC 07-F0 MDP_DUMP_XRTTBL
0080 BC (84 07 00 00 00 3a d4)
0081 . C. ----- Comparison Check ? OK / ERR ____
0082 C.
0083 C.
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 01 b1 b1 04 04)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 02 b1 b1 08 08)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 03 b1 b1 08 08)
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 04 b1 b1 06 06)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 05 99 86 0c 0c)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 06 85 83 06 06)
```

```

0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 07 80 80 20 20)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 08 80 80 20 08)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 09 80 80 08 20)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 0f 80 80 06 06)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 10 80 80 08 08)
0106 + DC 07-F0 MDP_XRT_FLD_ENA
0107 BC (d8)
0108 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0109 BC (c8)
0110 + DC 07-F0 MDP_XRT_ARS_DIS
0111 BC (d5)
0112 + DC 07-F0 MDP_XRT_AEC_RESET
0113 BC (d0)
0114 + DC 07-F0 MDP_XRT_FLD_RESET
0115 BC (da)
0116 + DC 07-F0 MDP_XRT_QT_PROG_SET
0117 BC (c4 01)
0118 + DC 07-F0 MDP_XRT_FL_PROG_SET
0119 BC (c5 07)
0120 . C. ----- Success Verify ? OK / NG ____
0121 C.
0122 C.
0123 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0124 C.
0125 + DC 07-F0 MDP_XRT_MODE_OBSV
0126 BC (c2)
0127 + TI 2016-02-20 09:00:02.0
0128 DC 07-F0 MDP_XRT_MODE_OBSV
0129 BC (c2)
0130 . C. ----- Success Verify ? OK / NG ____
0131 C.
0132 C. ***** XRT END *****
0133 C.
0134 . C. ***** MDP 'úÃîñî»ö¼ýñëÄðñ¹ñëDCBC•x²è *****
0135 C. (%á°îÿÓÿÄÿÈÿÏÿËÿÀÿÇÿÈñÉ¼ññ¼Ä»Ûñ¹ñè)
0136 . S. DC-BC dcbc-402:DCBC
0137 (MDP_known_event)
0138 C.
0139 C.
0140 . C. ***** ÿÐÿ¹•Ï Daily±¿ÎññÉ´Øñ¹ñëDCBC•x²è *****
0141 . S. DC-BC dcbc-153:DCBC
0142 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0143 C.
0144 C.
0145 . C. ;ãLOSÿÁÿ§ÿÄÿÿ¼Ä»Û;ä
0146 C.
0147 . C. ***** LOS *****
0148 C.

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*** OP Sequence for XRT ***

2016/02/20	09:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	09:07:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	09:07:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/20	09:07:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/20	09:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/20	09:10:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	09:10:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	09:10:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/02/20	09:11:00.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	03 00 00 00 00
2016/02/20	09:11:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/20	09:11:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/20	09:11:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/20	09:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/20	09:11:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/20	09:13:56.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/02/20	09:13:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/02/20	09:27:00.0	XRT_Custom_430_OG [0x1ae]			
2016/02/20	09:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/20	10:50:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	10:50:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	10:50:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/20	10:50:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/20	10:52:30.0	XRT_Custom_430_OG [0x1ae]			
2016/02/20	10:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/20	10:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/20	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	11:29:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	11:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/02/20	11:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 57 33 01 68
2016/02/20	11:30:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/20	11:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/20	11:30:22.0	XRT_AEC_RESET_407_OG [0x197]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/20	11:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/20	11:30:26.0	XRT_FLD_RESET_414_OG [0x19e]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/20	11:32:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2016/02/20	11:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/02/20	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/20	13:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	13:29:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/20	13:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/02/20	13:30:00.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	03 00 00 00 00
2016/02/20	13:30:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/20	13:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/20	13:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/20	13:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/20	13:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/20	13:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]			

2016/02/20	13:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/20	13:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/20	14:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	14:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	14:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/20	14:35:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/20	14:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/20	14:45:00.0	XRT_Custom_430_OG [0x1ae]						
2016/02/20	14:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/20	16:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	16:09:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	16:09:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/20	16:09:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/20	16:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/20	16:33:00.0	XRT_Custom_430_OG [0x1ae]						
2016/02/20	16:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/20	17:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	17:46:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	17:46:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/20	17:46:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/20	17:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/20	18:09:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	18:09:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	18:09:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2016/02/20	18:09:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00	
2016/02/20	18:09:48.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2016/02/20	18:12:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2016/02/20	18:12:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/20	18:12:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c	
2016/02/20	18:12:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/20	18:19:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	18:19:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	18:19:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2016/02/20	18:19:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03	00 00 00 00	
2016/02/20	18:19:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/20	18:19:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/20	18:19:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/20	18:19:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/20	18:19:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/20	18:22:26.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2016/02/20	18:22:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/20	18:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/20	19:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	19:23:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/20	19:23:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/20	19:23:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/20	19:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		

2016/02/20	19:46:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/20	19:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/20	21:00:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/20	21:00:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/20	21:00:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/20	21:00:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/20	21:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/20	21:23:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/20	21:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/20	22:38:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/20	22:38:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/20	22:38:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/20	22:38:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/20	22:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/20	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/20	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/20	22:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/02/20	23:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2016/02/20	23:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/20	23:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/20	23:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/20	23:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/20	23:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/20	23:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2016/02/20	23:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/02/20	23:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	00:15:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	00:15:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	00:15:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/21	00:15:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/21	00:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/21	00:23:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	00:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	01:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	01:39:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	01:39:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/21	01:39:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/21	01:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/21	01:57:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	01:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/02/21	02:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/02/21	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/21	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/21	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/21	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/21	02:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							

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2016/02/21	02:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/21	02:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2016/02/21	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/21	03:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/21	03:13:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	03:13:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	03:13:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/21	03:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/21	03:34:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/21	03:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2016/02/21	04:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/21	04:43:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	04:43:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	04:43:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/21	04:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/21	05:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/21	05:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2016/02/21	05:55:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/21	05:55:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	05:55:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	05:56:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2016/02/21	05:56:18.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00		
2016/02/21	05:58:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2016/02/21	05:58:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2016/02/21	05:58:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/21	05:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c	
2016/02/21	06:05:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/21	06:05:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	06:05:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	06:06:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2016/02/21	06:06:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00		
2016/02/21	06:06:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/21	06:06:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/21	06:06:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/21	06:06:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/21	06:08:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/21	06:08:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2016/02/21	06:09:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/21	06:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/21	06:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	06:24:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	06:24:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/21	06:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/21	06:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/21	06:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2016/02/21	08:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/21	08:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/21	08:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2016/02/21	08:04:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/21	08:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/02/21	08:26:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	08:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/21	09:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	09:44:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	09:44:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/21	09:44:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/21	09:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/02/21	10:00:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	10:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/21	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	11:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	11:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/02/21	11:30:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 57 33 01 68			
2016/02/21	11:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/02/21	11:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/02/21	11:30:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/02/21	11:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/02/21	11:30:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/21	11:32:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2016/02/21	11:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07			
2016/02/21	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/21	13:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	13:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	13:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/02/21	13:30:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 40 e5 c8 e6			
2016/02/21	13:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/02/21	13:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/02/21	13:30:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/02/21	13:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/02/21	13:30:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/21	13:32:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2016/02/21	13:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07			
2016/02/21	13:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/21	15:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	15:09:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	15:09:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/21	15:09:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/21	15:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/02/21	15:22:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	15:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/21	15:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	15:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/21	15:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/21	15:30:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/21	15:32:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	15:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			

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2016/02/21	15:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	16:44:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	16:44:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	16:44:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/21	16:44:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/21	16:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/21	17:08:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	17:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	17:57:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	17:57:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	17:57:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/02/21	17:58:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/02/21	17:58:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/02/21	18:00:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/02/21	18:00:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/21	18:00:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2016/02/21	18:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	18:07:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	18:07:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	18:07:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/02/21	18:08:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/02/21	18:08:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/21	18:08:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/21	18:08:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/21	18:08:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/21	18:08:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/21	18:10:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2016/02/21	18:10:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/02/21	18:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	18:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	18:21:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	18:21:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/21	18:21:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/21	18:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/21	18:44:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	18:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	19:58:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	19:58:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	19:58:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/21	19:58:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/21	20:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/21	20:21:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/21	20:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/21	21:35:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	21:35:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/21	21:35:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/21	21:35:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/21	21:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				

2016/02/21	21:58:30.0	XRT_Custom_430_OG [0x1ae]				
2016/02/21	21:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/21	23:13:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/21	23:13:02.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/21	23:13:04.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/21	23:13:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/21	23:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/21	23:29:54.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/21	23:29:56.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/21	23:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/02/21	23:30:00.0	AOCS_ORe-point_Start_6_OG [0x09c]				
		AOCU_NM	5	02-76	01 00 00 00 00	
2016/02/21	23:30:18.0	XRT_FLD_ENA_411_OG [0x19b]				
		MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/02/21	23:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/02/21	23:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/02/21	23:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/02/21	23:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/21	23:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2016/02/21	23:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/02/21	23:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/22	00:47:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	00:47:02.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	00:47:04.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	00:47:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/22	00:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/22	00:56:30.0	XRT_Custom_430_OG [0x1ae]				
2016/02/22	00:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/22	02:12:30.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	02:12:32.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	02:12:34.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	02:12:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/22	02:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/22	02:19:54.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	02:19:56.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	02:19:58.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]				
		XRT_FOCUS_RECAL	2	07-F8	78 00	
2016/02/22	02:20:00.0	AOCS_ORe-point_Start_1_OG [0x097]				
		AOCU_NM	5	02-76	03 00 00 00 00	
2016/02/22	02:23:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/02/22	02:24:18.0	XRT_FLD_ENA_411_OG [0x19b]				
		MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/02/22	02:24:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/02/22	02:24:22.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/02/22	02:24:24.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/02/22	02:24:26.0	XRT_FLD_RESET_433_OG [0x1b1]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	02:26:56.0	XRT_QT_PROG_SET_404_OG [0x194]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2016/02/22	02:26:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/02/22	02:32:30.0	XRT_Custom_430_OG [0x1ae]				
2016/02/22	02:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/22	03:42:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	03:42:02.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	03:42:04.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	

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2016/02/22	03:42:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/22	03:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/02/22	04:10:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/22	04:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/22	05:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	05:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	05:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/22	05:20:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/22	05:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/02/22	05:47:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/22	05:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/22	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/02/22	06:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00			
2016/02/22	06:00:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2016/02/22	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2016/02/22	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/02/22	06:02:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c			
2016/02/22	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/22	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2016/02/22	06:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	03 00 00 00 00			
2016/02/22	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/02/22	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/02/22	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/02/22	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/02/22	06:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/22	06:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2016/02/22	06:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07			
2016/02/22	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/22	07:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	07:00:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	07:00:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/22	07:00:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/22	07:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/02/22	07:24:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/22	07:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/22	08:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	08:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	08:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/02/22	08:40:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/02/22	08:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/02/22	09:01:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/22	09:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/02/22	10:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	10:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/02/22	10:21:34.0	XRT_FLD_RESET_415_OG [0x19f]							

2016/02/22	10:21:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	10:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/22	10:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/22	10:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	10:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	10:30:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/02/22	10:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 54 18 01 68	
2016/02/22	10:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/02/22	10:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/02/22	10:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/02/22	10:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/02/22	10:32:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	10:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2016/02/22	10:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/02/22	14:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/22	14:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	14:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	14:11:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	14:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/22	14:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/22	14:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/02/22	15:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/22	15:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	15:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	15:43:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	15:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/22	16:06:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/22	16:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/02/22	16:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/22	16:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	16:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	16:30:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/02/22	16:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00	
2016/02/22	16:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/02/22	16:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/02/22	16:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/02/22	16:30:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/02/22	16:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	16:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2016/02/22	16:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/02/22	17:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/22	17:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	17:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/22	17:19:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/22	17:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/22	17:43:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/22	17:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/02/22	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2016/02/22	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	18:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/22	18:00:18.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00	00	00 00 00
2016/02/22	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2016/02/22	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2016/02/22	18:02:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/22	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0c	
2016/02/22	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/22	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2016/02/22	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03	00	00 00 00
2016/02/22	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/22	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/22	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/22	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/22	18:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/22	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d	
2016/02/22	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/22	18:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/22	18:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	18:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	18:56:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/22	18:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/22	19:19:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/22	19:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2016/02/22	20:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2016/02/22	20:33:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/22	20:33:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	20:33:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	20:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/22	20:57:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/22	20:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/22	22:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2016/02/22	22:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/22	22:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	22:11:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	22:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/22	22:32:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/22	22:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/22	23:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2016/02/22	23:48:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/22	23:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	23:48:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/22	23:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/22	23:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/22	23:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
			MDP_XRT_CTRL_AUTO	1	07-F0	c0		

2016/02/23	01:14:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	01:14:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	01:14:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/23	01:14:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/23	01:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/23	01:31:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/23	01:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/23	02:47:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	02:47:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	02:47:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/23	02:47:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/23	02:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/23	03:07:30.5	XRT_Custom_430_OG [0x1ae]							
2016/02/23	03:08:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/23	04:16:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	04:16:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	04:16:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/23	04:16:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/23	04:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/23	04:45:00.0	XRT_Custom_430_OG [0x1ae]							
2016/02/23	04:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/23	05:28:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	05:28:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	05:28:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/02/23	05:29:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/02/23	05:29:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/02/23	05:31:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/02/23	05:31:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/23	05:31:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2016/02/23	05:32:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/23	05:38:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	05:38:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	05:38:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/02/23	05:39:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/02/23	05:39:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/23	05:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/23	05:39:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/23	05:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/23	05:39:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/23	05:41:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2016/02/23	05:41:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/02/23	05:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/23	05:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	05:56:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/23	05:56:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/23	05:56:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/23	05:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/23	06:22:30.0	XRT_Custom_430_OG [0x1ae]							
2016/02/23	06:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

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2016/02/23	07:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/23	07:36:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/23	07:36:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/23	07:36:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/23	07:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/23	07:59:30.0	XRT_Custom_430_OG [0x1ae]				
2016/02/23	08:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/23	09:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/23	09:16:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/23	09:16:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/23	09:16:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/23	09:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/23	09:36:00.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/23	09:36:02.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/23	09:52:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00