

XRT Timeline to be uploaded on 2012/07/28

Period: 2012/07/28 09:57:00 - 2012/08/02 10:20:00

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Normal mode

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XOB #1903: G Band Leak Test(64ms 1x1 DPCM) + G band(12ms 2x2 Q95)												
Term	Pointing (x, y)		Comment									
07/28 10:10:00 - 07/28 10:42:30	Fixed (	-881.8, -46.0)	# OP start + 10min, HOP-79 horizontal scan 1/10.									
07/28 11:15:00 - 07/28 12:22:30	Fixed (	-483.7, -46.0)	# 3/10									
07/28 12:53:30 - 07/28 14:01:00	Fixed (	710.7, -46.0)	# 9/10									
07/28 15:12:00 - 07/28 15:39:30	Fixed (	-728.3, -341.9)	# 2/11									
07/28 16:30:00 - 07/28 17:18:00	Fixed (	-356.4, -368.9)	# 4/11									
07/28 18:07:00 - 07/28 18:44:54	Fixed (	348.4, -368.9)	# 8/11									
PROG= 15 1-time(s)												
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 59 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	2048x2048	(1024, 1024)	DPCM	0 0 2.0sec
└─ Seqn= 9 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	12ms	Obs	2x2	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 #18FF: Synoptic Q95 2x2 - Al/mesh(12/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(24/1443) + G-band(12)												
Term	Pointing (x, y)		Comment									
07/28 18:48:00 - 07/28 18:56:30	Fixed (	0.0, 0.0)	synoptic, shifted 3.0 min									
07/29 04:03:00 - 07/29 04:09:54	Fixed (	0.0, 0.0)	synoptic, shifted a couple of hours.									
07/29 17:49:30 - 07/29 17:55:30	Fixed (	0.0, 0.0)	synoptic, shifted -17.5 min, extended to 4 hours for SOT flat-field.									
07/30 04:18:00 - 07/30 04:24:54	Fixed (	0.0, 0.0)	synoptic, shifted by a couple of hours.									
07/30 18:00:00 - 07/30 18:06:54	Fixed (	0.0, 0.0)	synoptic, shifted -3.0 min									
07/31 04:03:00 - 07/31 04:13:30	Fixed (	0.0, 0.0)	synoptic, shifted a couple of hours.									
PROG= 03 1-time(s)												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 46 1-time(s) 4.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	12ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	707ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 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= 69 1-time(s) 4.0sec												
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	24ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
└─ Seqn= 9 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	12ms	Obs	2x2	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 #1913: AR Standard-A(Filter-Ratio) with PFB, FW1=Open, 384x384 at 1064 1048, 80s cad With G-band Test												
Term	Pointing (x, y)		Comment									
07/28 19:40:30 - 07/29 03:59:54	Track (	-682.9, -414.2)	# Observe AR 11532. (HOP 173 from 2-4UT).									
07/29 04:13:00 - 07/29 17:42:24	Track (	-632.8, -420.2)	# AR 11532. (HOP 173 from 4-6UT).									
07/30 02:03:00 - 07/30 03:37:00	Track (	-496.1, -432.7)	# AR 11532. (HOP 173 from 2-4UT)									
07/30 04:28:00 - 07/30 17:56:54	Track (	-479.5, -433.9)	# AR 11532. (HOP 173 from 4-6UT).									
07/30 18:10:00 - 07/31 03:59:54	Track (	-381.1, -440.1)	# AR 11532. (HOP 173 from 2-4UT on 31st).									
07/31 04:51:30 - 07/31 09:14:00	Track (	-304.7, -443.8)	# AR 11532. (HOP 173 from 4-6UT).									
PROG= 11 Inf.-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 73 2-time(s) 2.0sec												
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	384x384	(1064, 1048)	DPCM	0 0 2.0sec
└─ Subr= 2 2-time(s) 2.0sec												
└─ Seqn= 35 1-time(s) 2.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384	(1064, 1048)	Q=98	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384	(1064, 1048)	Q=98	0 0 2.0sec
└─ Seqn= 1 4-time(s) 2.0sec												
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3 0 2.0sec
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	384x384	(1064, 1048)	Q=95	3 0 2.0sec
└─ Seqn= 53 25-time(s) 80.0sec												
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3 0 2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3 0 2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3 1 2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3 1 2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3 2 2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3 2 2.0sec
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3 3 2.0sec
	Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3 3 2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

XOB #190B: G-Band Alignment with North Pole Q90 2x2(G-band only) - 12msec - 5min cadence - Partial Sun-wNGT-2												
Term		Pointing (x, y)					Comment					
07/29 21:57:30 - 07/29 23:42:24		Fixed (0.0, 945.0)					# Coalignment at North Pole.					
PROG= 16 1-time(s)												
└─ Subr= 1 1-time(s) 360.0sec												
└─ Seqn= 26 24-time(s) 300.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	12ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #190C: G-Band Alignment with East limb Q90 2x2 (G-band only) - 12msec- 8 min cadence-wNGT-2												
Term		Pointing (x, y)					Comment					
07/29 23:57:30 - 07/30 01:59:54		Fixed (-945.0, 0.0)					# Coalignment at East limb.					
PROG= 02 1-time(s)												
└─ Subr= 1 1-time(s) 360.0sec												
└─ Seqn= 44 15-time(s) 480.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	12ms	Obs	2x2	1536x2048 (1280, 1024)	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 #1914: Flare obs. dynamics - Ti_poly high cadence + context (thick-Al-384x384)-15 loops (45ms Gband)												
Term		Pointing (x, y)					Comment					
07/28 19:40:30 - 07/29 03:59:54		Track (-682.9, -414.2) ^{Ⓜ 07/28 18:55:00}					# Observe AR 11532. (HOP 173 from 2-4UT).					
07/29 04:13:00 - 07/29 17:42:24		Track (-632.8, -420.2) ^{Ⓜ 07/29 04:10:00}					# AR 11532. (HOP 173 from 4-6UT).					
07/30 02:03:00 - 07/30 03:37:00		Track (-496.1, -432.7) ^{Ⓜ 07/30 02:00:00}					# AR 11532. (HOP 173 from 2-4UT)					
07/30 04:28:00 - 07/30 17:56:54		Track (-479.5, -433.9) ^{Ⓜ 07/30 04:25:00}					# AR 11532. (HOP 173 from 4-6UT).					
07/30 18:10:00 - 07/31 03:59:54		Track (-381.1, -440.1) ^{Ⓜ 07/30 18:07:00}					# AR 11532. (HOP 173 from 2-4UT on 31st).					
07/31 04:51:30 - 07/31 09:14:00		Track (-304.7, -443.8) ^{Ⓜ 07/31 04:10:00}					# AR 11532. (HOP 173 from 4-6UT).					
PROG= 12 15-time(s)												
└─ Subr= 1 45-time(s) 10.0sec												
└─ Seqn= 92 1-time(s) 2.0sec												
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	4ms	Obs	1x1	384x384 (1024, 1024)	DPCM	2	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	4ms	Obs	1x1	384x384 (1024, 1024)	DPCM	3	0	2.0sec
└─ Subr= 2 1-time(s) 10.0sec												
└─ Seqn= 54 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	DPCM	2	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	DPCM	3	0	2.0sec
└─ Seqn= 71 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	44ms	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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

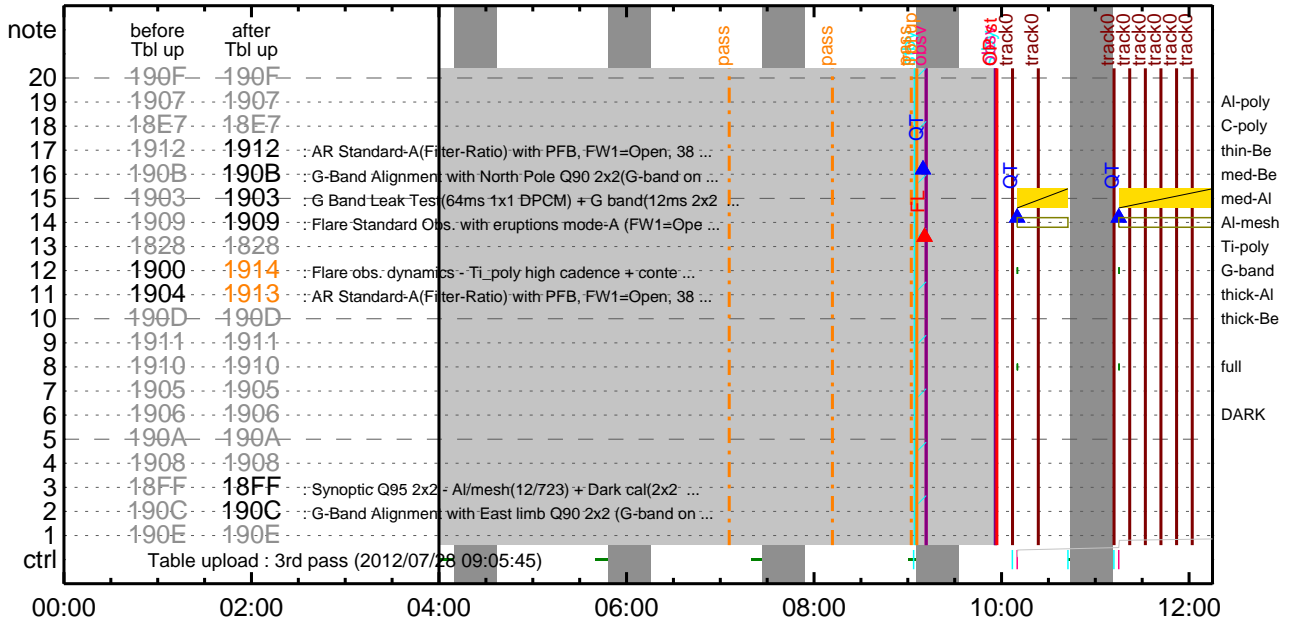
* * * * * **Active Region Search** * * * * *

NOT USED

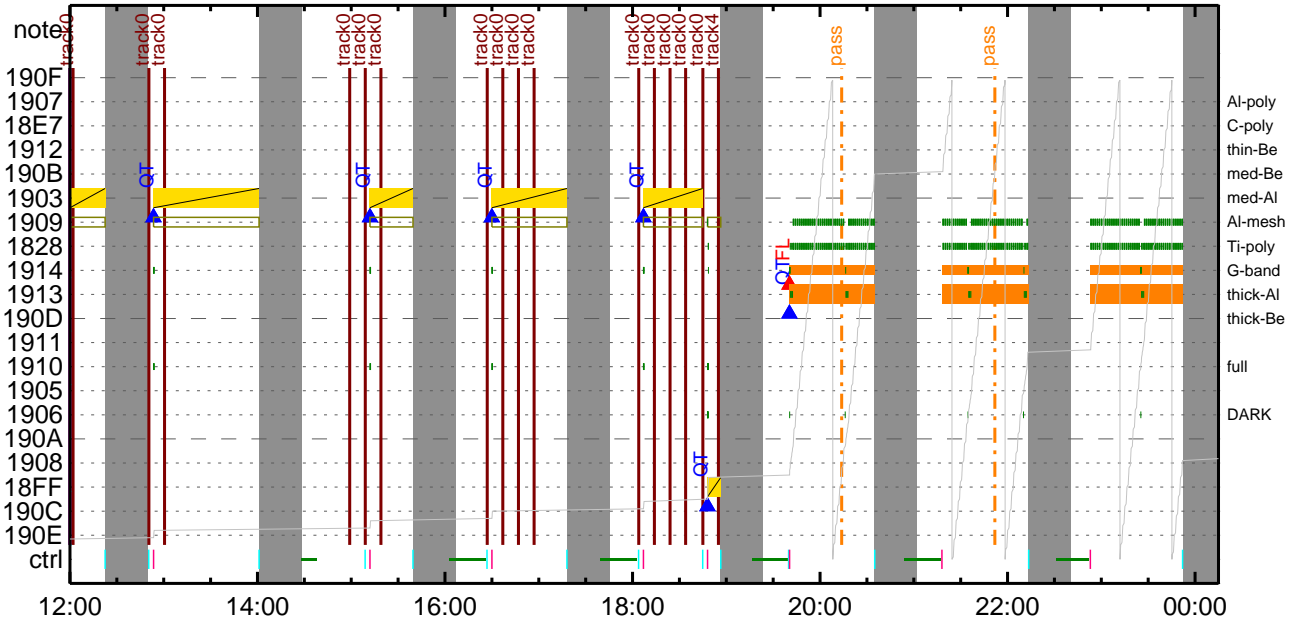
* * * * * **Flare Detection** * * * * *

FLD Patrol												
Term		Pointing (x, y)					Comment					
07/28 19:40:16 - 07/29 04:00:16		Track (-682.9, -414.2) ^{Ⓜ 07/28 18:55:00}					# Observe AR 11532. (HOP 173 from 2-4UT).					
07/29 04:12:46 - 07/29 17:46:46		Track (-632.8, -420.2) ^{Ⓜ 07/29 04:10:00}					# AR 11532. (HOP 173 from 4-6UT).					
07/30 02:02:46 - 07/30 04:15:16		Track (-496.1, -432.7) ^{Ⓜ 07/30 02:00:00}					# AR 11532. (HOP 173 from 2-4UT)					
07/30 04:27:46 - 07/30 17:57:16		Track (-479.5, -433.9) ^{Ⓜ 07/30 04:25:00}					# AR 11532. (HOP 173 from 4-6UT).					
07/30 18:09:46 - 07/31 04:00:16		Track (-381.1, -440.1) ^{Ⓜ 07/30 18:07:00}					# AR 11532. (HOP 173 from 2-4UT on 31st).					
07/31 04:51:16 - 08/02 10:20:00		Track (-304.7, -443.8) ^{Ⓜ 07/31 04:10:00}					# AR 11532. (HOP 173 from 4-6UT).					
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	

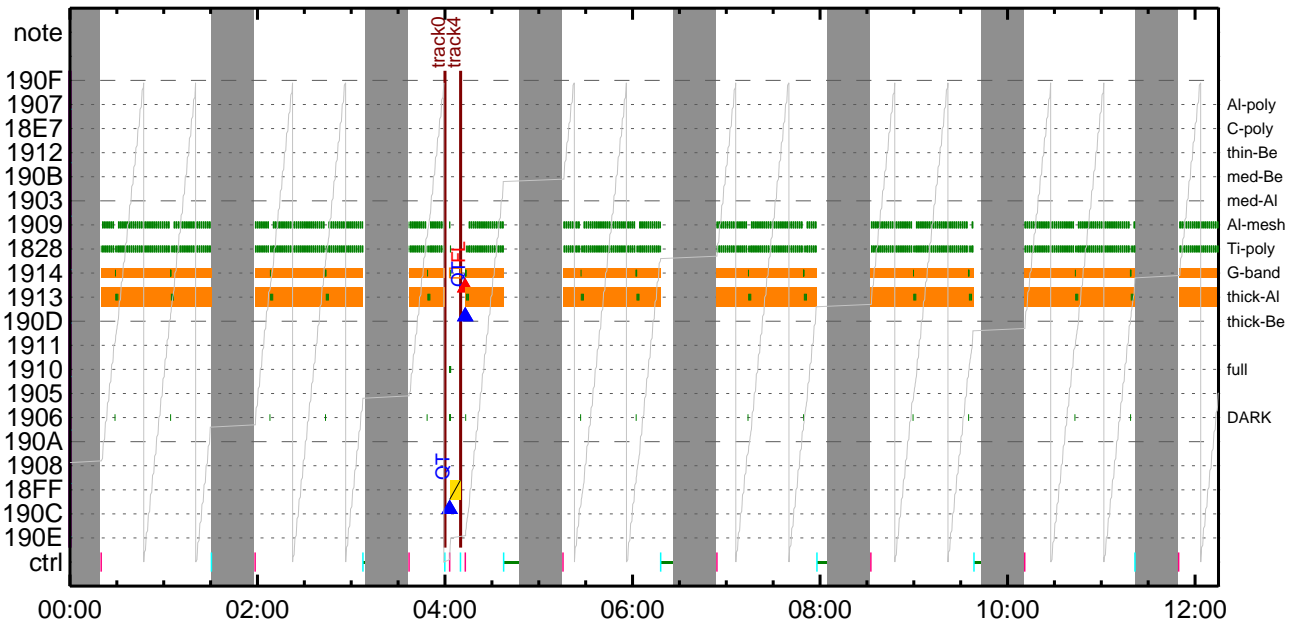
CMDI #0801 2012/07/28



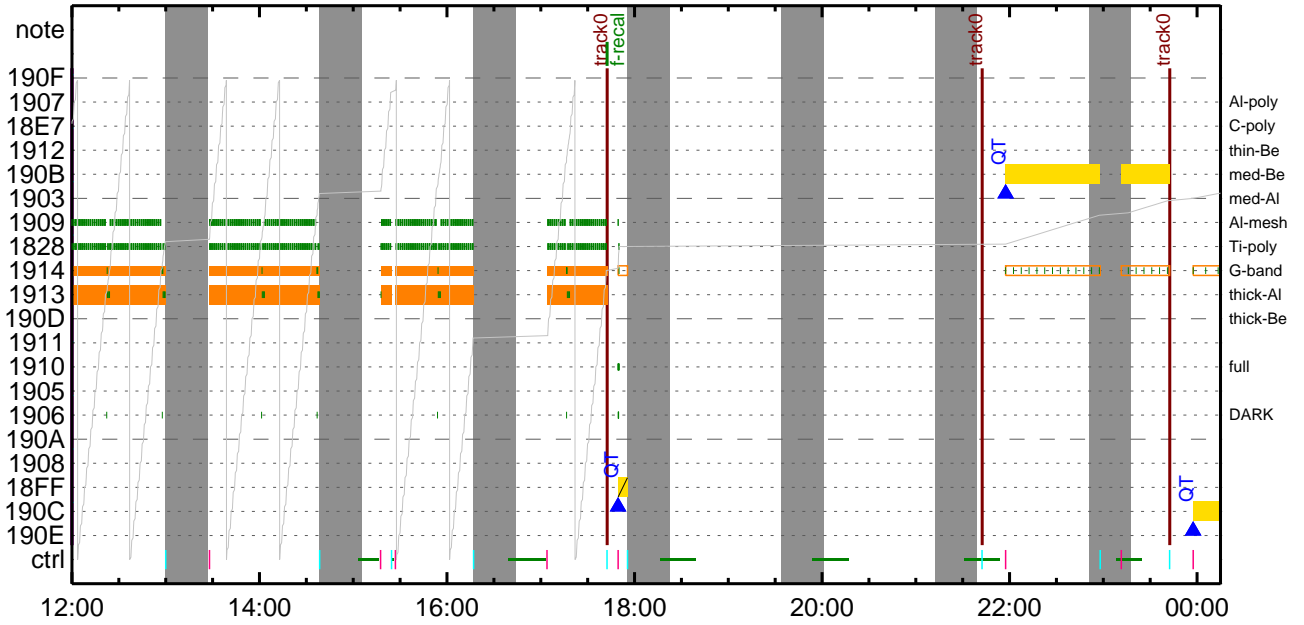
CMDI #0801 2012/07/28



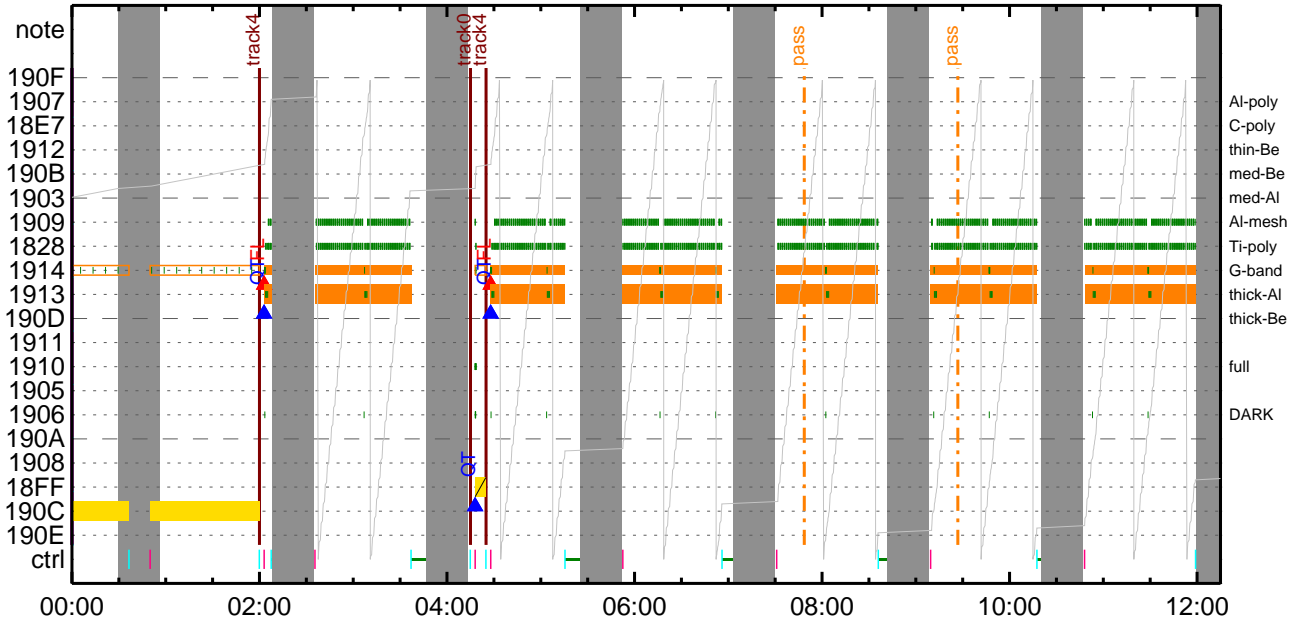
CMDI #0801 2012/07/29



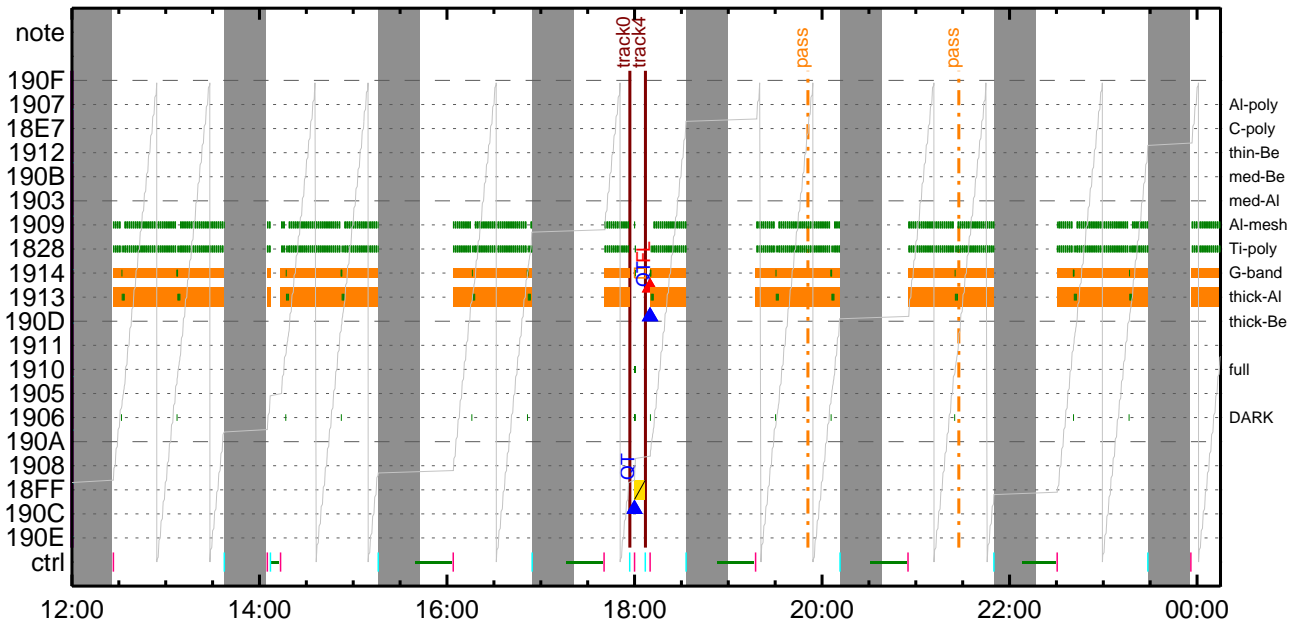
CMDI #0801 2012/07/29



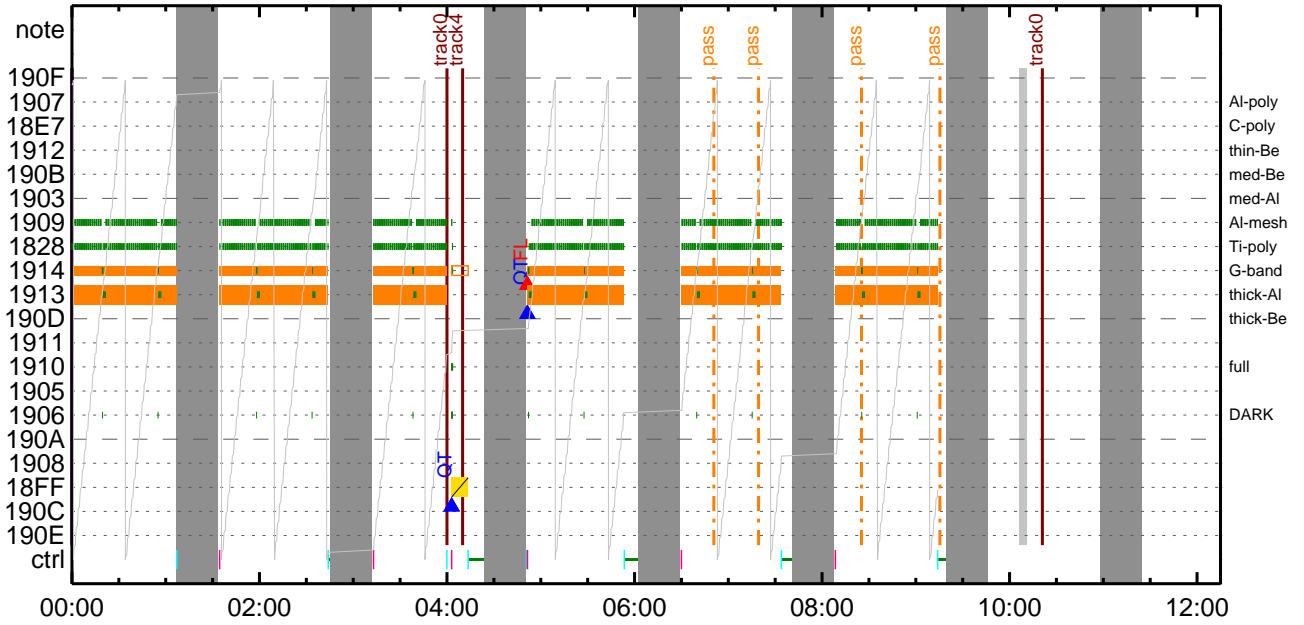
CMDI #0801 2012/07/30



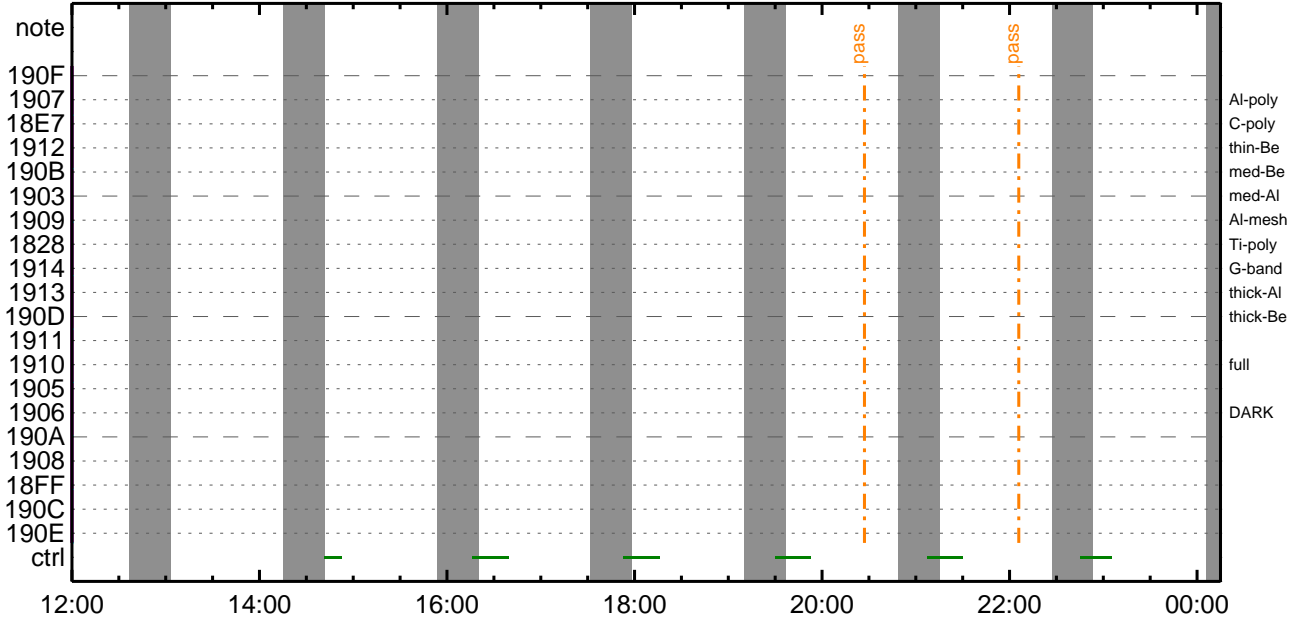
CMDI #0801 2012/07/30



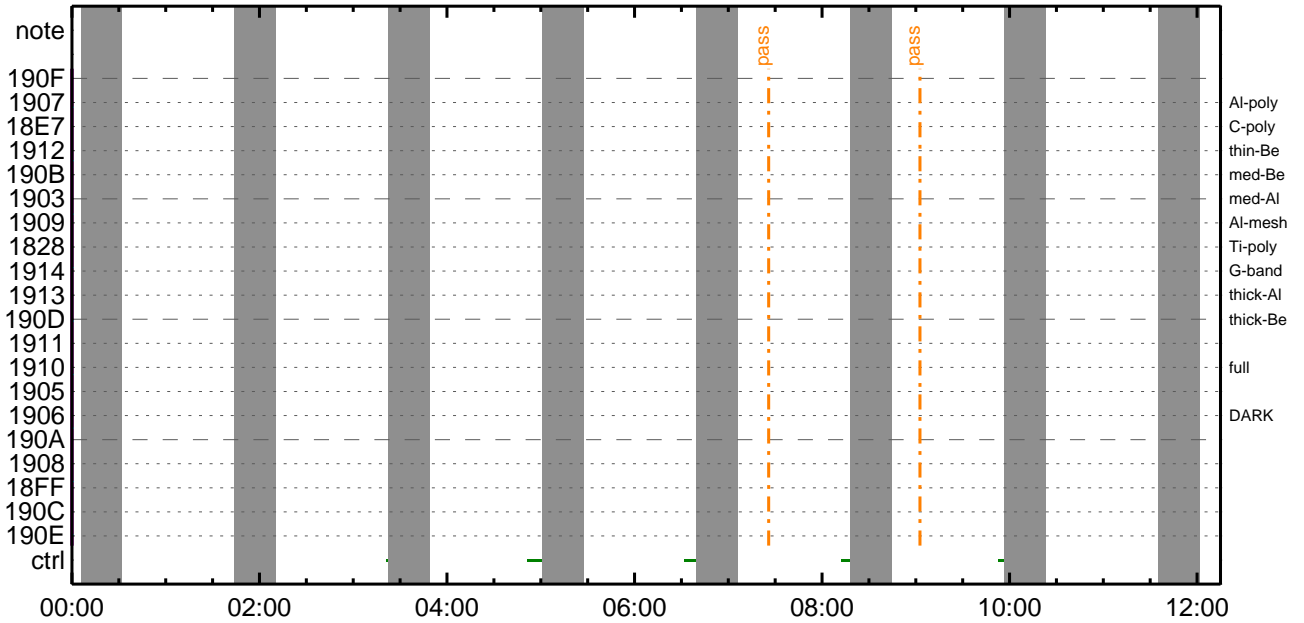
CMDI #0801 2012/07/31



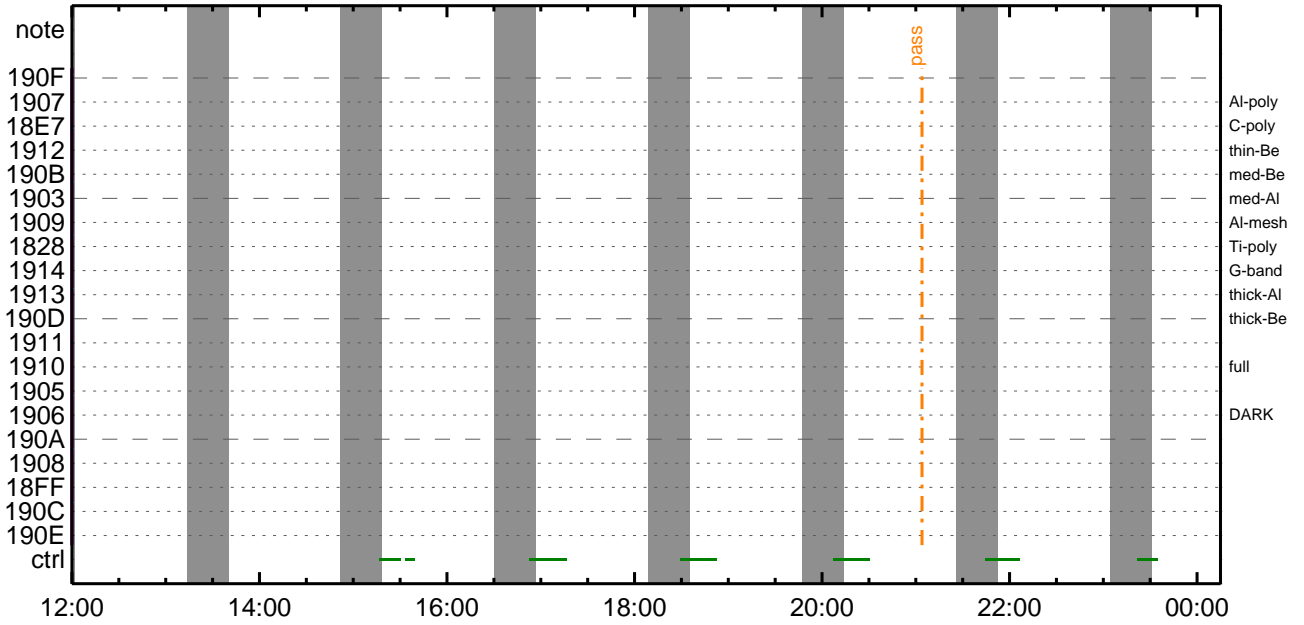
CMDI #0801 2012/07/31



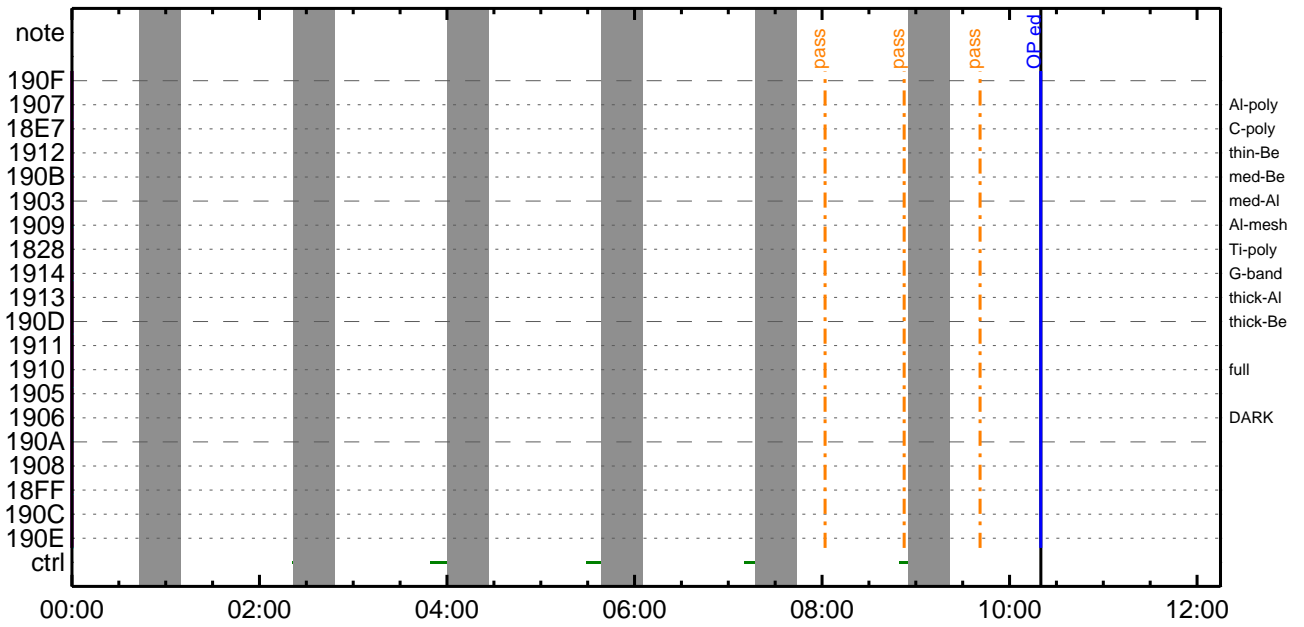
CMDI #0801 2012/08/01



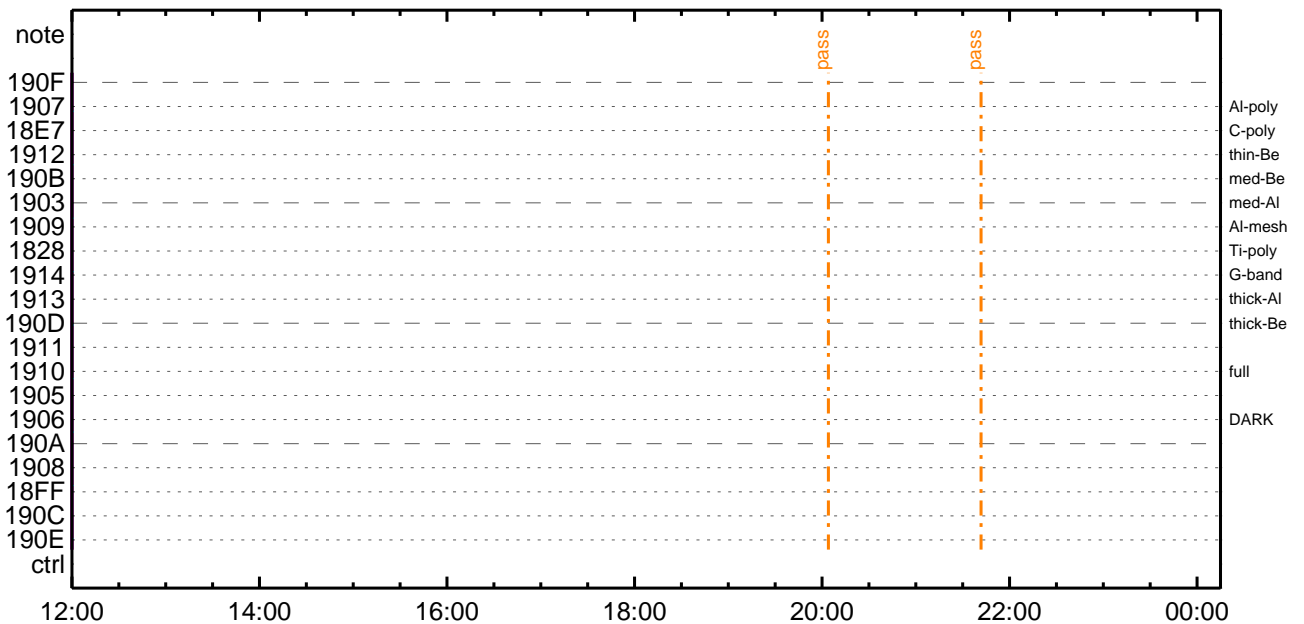
CMDI #0801 2012/08/01



CMDI #0801 2012/08/02



CMDI #0801 2012/08/02




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0096 C.      01-23 DHU_DMA_DMP_PRM_SET
0097 C.
0098 . C.  TI 2012-07-28 09:52:00.0
0099 +. TI 2012-07-28 09:52:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.      [HK1_TI_CMD_NUM] EQ 1COUNTUP
0102 C.
0103 +. TI 2012-07-28 09:52:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.      [HK1_TI_CMD_NUM] EQ 1COUNTUP
0106 C.
0107 +. TI 2012-07-28 09:52:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.      [HK1_TI_CMD_NUM] EQ 1COUNTUP
0110 C.
0111 +. TI 2012-07-28 09:56:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.      [HK1_TI_CMD_NUM] EQ 1COUNTUP
0114 C.
0115 C.      *****
0116 C.      TI *****
0117 C.      *****
0118 C.      *****
0119 C.      *****
0120 C.
0121 . C. *****
0122 C. TI_TBL(0x03AB00-0x03AEFF;$ 1024byte)
0123 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0124 BC (03 ab 03 01 02)
0125 C.      [HK1_DMP_TOP_ADRS_1] EQ 07
0126 C.      [HK1_DMP_TOP_ADRS_0] EQ 2B
0127 C.      [HK1_DMP_BLOCK_NUM] EQ 3
0128 C.      [HK1_DMP_REPEAT_NUM] EQ 0
0129 C.      [HK1_DMA_DMP_PIM] EQ DHU
0130 +. DC 01-22 DHU_MODE_CHNG
0131 BC (07 0b f8)
0132 C.      [HK1_PKT_FORM_NO] EQ 7
0133 C.      [HK1_PKT_GEN_TIME] EQ 0.25 s
0134 C.      [HK1_S_TLM_BIT_RATE] EQ 32k
0135 C.      [HK1_X_TLM_BIT_RATE] EQ 4M
0136 C.      [HK1_DMP_CHK_FLG] EQ EXEC
0137 C.
0138 C.      [HK1_DMP_CHK_FLG] EQ NON
0139 C.
0140 C. RAM ID=TI_TBL[0]
0141 C.
0142 C. DHU *****
0143 +. DC 01-22 DHU_MODE_CHNG
0144 BC (02 0a f8)
0145 C.      [HK1_PKT_FORM_NO] EQ 2
0146 C.      [HK1_PKT_GEN_TIME] EQ 0.5S
0147 C.      [HK1_S_TLM_BIT_RATE] EQ 32K
0148 C.      [HK1_X_TLM_BIT_RATE] EQ 4M
0149 C.
0150 C. *****
0151 C. SOT TI command set
0152 C. *****
0153 C. Execute, after the success of OP upload.
0154 +. TI 2012-07-28 09:56:16.0
0155 DC 07-F0 MDP_SOT_MODE_STBY
0156 BC (41)
0157 C. -----
0158 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0159 C. -----
0160 C. ***** SOT END *****
0161 C. Stop EIS observation and temporarily disable EIS mode changes
0162 C.
0163 C. ***** Start EIS operation (TI set) *****
0164 C. Execute, after the success of OP upload.
0165 C. Set EIS TI-commands
0166 +. TI 2012-07-28 09:56:30.0
0167 DC 07-FC EIS_MODE_MANU
0168 BC (21 02)
0169 +. TI 2012-07-28 09:56:40.0
0170 DC 07-FC EIS_MODE_CHG_DIS
0171 BC (22)
0172 C.      [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0173 C. ***** End EIS operation (TI set) *****
0174 C.
0175 C.
0176 C.
0177 C. ***** XRT START *****
0178 C. Execute, after the success of OP upload.
0179 +. TI 2012-07-28 09:56:00.0
0180 DC 07-F0 MDP_XRT_MODE_STBY
0181 BC (c3)
0182 C.      [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0183 C.
0184 C. ***** XRT END *****
0185 C.
0186 C. *****
0187 C. ***** MDP *****
0188 C. *****
0189 C. *****
0190 C. *****
0191 C. *****
0192 C. *****
0193 . S. DC-BC dcbc-402:DCBC

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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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
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0096 + DC 07-F0 MDP_XRT_AEC_RESET
0097 BC (d0)
0098 + DC 07-F0 MDP_XRT_ARS_DIS
0099 BC (d5)
0100 + DC 07-F0 MDP_XRT_FLD_RESET
0101 BC (da)
0102 + DC 07-F0 MDP_XRT_QT_PROG_SET
0103 BC (c4 11)
0104 + DC 07-F0 MDP_XRT_FL_PROG_SET
0105 BC (c5 0e)
0106 . C. ----- Success Verify ? OK / NG ____
0107 C.
0108 C.
0109 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0110 C.
0111 +. DC 07-F0 MDP_XRT_MODE_OBSV
0112 BC (c2)
0113 +. TI 2012-07-28 09:56:02.0
0114 DC 07-F0 MDP_XRT_MODE_OBSV
0115 BC (c2)
0116 . C. ----- Success Verify ? OK / NG ____
0117 C.
0118 C. ***** XRT END *****
0119 C.
0120 . C. ***** MDP `úÃîñî»ò%ÝñÊÃðñ¹ñèDCBC•x²è *****
0121 C. (%á°îÿÓÿÃÿÈÿËÿËÿáÿçÿèñÊ¼ññ¼Ã»Ûñ¹ñè)
0122 . S. DC-BC dcbc-402:DCBC
0123 (MDP_known_event)
0124 C.
0125 C.
0126 . C. ***** ÿDÿ¹•Ï Daily±¿îññÊ´øñ¹ñèDCBC•x²è *****
0127 . S. DC-BC dcbc-153:DCBC
0128 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0129 C.
0130 C.
0131 . C. ¡ãLOSÿÁÿ$ÿÃÿ-¼Ã»Ûñ¹ñè
0132 C.
0133 . C. ***** LOS *****
0134 C.
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Jul 28, 12 13:49

XRT_OGLIST_0801.chk

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*** OP Sequence for XRT ***

2012/07/28	10:06:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/07/28	10:06:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2012/07/28	10:07:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	00 04 18 4e 66		
2012/07/28	10:07:16.0	XRT_FLD_DIS_402_OG [0x192]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2012/07/28	10:07:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2012/07/28	10:07:20.0	XRT_ARS_DIS_438_OG [0x1b6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2012/07/28	10:09:58.5	XRT_QT_PROG_SET_426_OG [0x1aa]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2012/07/28	10:10:00.5	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/07/28	10:23:30.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 04 18 3c b4		
2012/07/28	10:42:30.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/07/28	10:42:32.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2012/07/28	10:42:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/07/28	10:45:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/07/28	11:11:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/07/28	11:11:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2012/07/28	11:12:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 04 18 2b 02		
2012/07/28	11:12:16.0	XRT_FLD_DIS_402_OG [0x192]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2012/07/28	11:12:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2012/07/28	11:12:20.0	XRT_ARS_DIS_438_OG [0x1b6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2012/07/28	11:14:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2012/07/28	11:15:00.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/07/28	11:22:00.0	AOCS_Ore-point_Start_4_OG [0x09a]					
		AOCU_NM	5	02-76	00 04 18 19 4f		
2012/07/28	11:32:00.0	AOCS_Ore-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	00 04 18 07 9d		
2012/07/28	11:42:00.0	AOCS_Ore-point_Start_6_OG [0x09c]					
		AOCU_NM	5	02-76	00 04 18 f5 ec		
2012/07/28	11:52:00.0	AOCS_Ore-point_Start_7_OG [0x09d]					
		AOCU_NM	5	02-76	00 04 18 e4 3a		
2012/07/28	12:02:00.0	AOCS_Ore-point_Start_8_OG [0x09e]					
		AOCU_NM	5	02-76	00 04 18 d2 88		
2012/07/28	12:22:30.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/07/28	12:22:32.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2012/07/28	12:22:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/07/28	12:25:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/07/28	12:50:24.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/07/28	12:50:26.0	XRT_FOCUS_POSITION_401_OG [0x191]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2012/07/28	12:50:30.0	AOCS_Ore-point_Start_9_OG [0x09f]					
		AOCU_NM	5	02-76	00 04 18 c0 d5		
2012/07/28	12:50:46.0	XRT_FLD_DIS_402_OG [0x192]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2012/07/28	12:50:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2012/07/28	12:50:50.0	XRT_ARS_DIS_438_OG [0x1b6]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2012/07/28	12:53:28.0	XRT_QT_PROG_SET_426_OG [0x1aa]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f		
2012/07/28	12:53:30.0	XRT_CTRL_AUTO_406_OG [0x196]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/07/28	13:00:30.0	AOCS_Ore-point_Start_10_OG [0x0a0]					
		AOCU_NM	5	02-76	00 04 18 af 23		
2012/07/28	14:01:00.0	XRT_CTRL_MANU_408_OG [0x198]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/07/28	14:01:02.0	XRT_FLD_RESET_412_OG [0x19c]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2012/07/28	14:01:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/07/28	14:04:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/07/28	14:59:00.0	AOCS_Ore-point_Start_11_OG [0x0a1]					
		AOCU_NM	5	02-76	00 15 a1 51 0e		
2012/07/28	15:08:54.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/07/28	15:08:56.0	XRT_FOCUS_POSITION_401_OG [0x191]					

2012/07/28	15:09:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	1e	66	40 bc
2012/07/28	15:09:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2012/07/28	15:09:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2012/07/28	15:09:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2012/07/28	15:11:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2012/07/28	15:12:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/28	15:19:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00	1f	e7	30 51
2012/07/28	15:39:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/28	15:39:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/28	15:39:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2012/07/28	15:42:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2012/07/28	16:26:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/28	16:26:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2012/07/28	16:27:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00	20	cc	1f ae
2012/07/28	16:27:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2012/07/28	16:27:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2012/07/28	16:27:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2012/07/28	16:29:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2012/07/28	16:30:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/28	16:37:00.5	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00	21	3f	0e b8
2012/07/28	16:47:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	21	60	fd 61
2012/07/28	16:57:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00	21	3f	f2 05
2012/07/28	17:18:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/28	17:18:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2012/07/28	17:18:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2012/07/28	17:21:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2012/07/28	18:03:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/28	18:03:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2012/07/28	18:04:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00	20	cc	e1 07
2012/07/28	18:04:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2012/07/28	18:04:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2012/07/28	18:04:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2012/07/28	18:06:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2012/07/28	18:07:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/28	18:14:00.0	AOCS_ORe-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	00	1f	e7	d0 63
2012/07/28	18:24:00.0	AOCS_ORe-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00	1e	66	bf f8
2012/07/28	18:34:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00	15	a1	ae f2
2012/07/28	18:44:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2012/07/28	18:44:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2012/07/28	18:45:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00	00	00	00 00
2012/07/28	18:45:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2012/07/28	18:45:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2012/07/28	18:45:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2012/07/28	18:47:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2012/07/28	18:48:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2012/07/28	18:55:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	04	00	00	00 00

2012/07/28	18:56:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/28	18:56:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/28	18:56:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/28	18:59:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/28	19:39:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/28	19:39:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/07/28	19:40:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2012/07/28	19:40:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2012/07/28	19:40:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/07/28	19:40:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/07/28	19:40:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/28	19:40:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2012/07/28	19:40:28.0	XRT_FL_PROG_SET_403_OG [0x193]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c	
2012/07/28	19:40:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/28	20:35:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/28	20:35:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/28	20:35:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/28	20:38:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/28	21:17:00.0	XRT_Custom_418_OG [0x1a2]					
2012/07/28	21:18:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/28	22:13:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/28	22:13:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/28	22:13:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/28	22:16:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/28	22:52:00.0	XRT_Custom_418_OG [0x1a2]					
2012/07/28	22:53:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/28	23:52:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/28	23:52:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/28	23:52:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/28	23:55:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/29	00:19:00.0	XRT_Custom_418_OG [0x1a2]					
2012/07/29	00:20:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/29	01:30:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/29	01:30:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/29	01:30:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/29	01:33:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/29	01:57:30.0	XRT_Custom_418_OG [0x1a2]					
2012/07/29	01:58:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/29	03:07:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/29	03:07:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/29	03:07:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/29	03:10:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/29	03:36:00.0	XRT_Custom_418_OG [0x1a2]					
2012/07/29	03:37:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/29	03:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/29	03:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2012/07/29	04:00:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 00 00 00 00	
2012/07/29	04:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/07/29	04:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	

2012/07/29	04:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2012/07/29	04:02:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2012/07/29	04:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/29	04:09:54.0	XRT_CTRL_MANU_439_OG [0x1b7]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/29	04:10:00.0	AOCS_Ore-point_Start_23_OG [0x0ad]			
		AOCU_NM	5	02-76	04 00 00 00 00
2012/07/29	04:12:26.0	XRT_FOCUS_POSITION_409_OG [0x199]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2012/07/29	04:12:46.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2012/07/29	04:12:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2012/07/29	04:12:50.0	XRT_AEC_RESET_443_OG [0x1bb]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2012/07/29	04:12:52.0	XRT_ARS_DIS_431_OG [0x1af]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2012/07/29	04:12:54.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/29	04:12:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2012/07/29	04:12:58.0	XRT_FL_PROG_SET_403_OG [0x193]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2012/07/29	04:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/29	04:37:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/29	04:37:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/29	04:37:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/29	04:40:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/29	05:14:30.0	XRT_Custom_418_OG [0x1a2]			
2012/07/29	05:15:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/29	06:18:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/29	06:18:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/29	06:18:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/29	06:21:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/29	06:53:00.0	XRT_Custom_418_OG [0x1a2]			
2012/07/29	06:54:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/29	07:58:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/29	07:58:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/29	07:58:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/29	08:01:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/29	08:31:30.0	XRT_Custom_418_OG [0x1a2]			
2012/07/29	08:32:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/29	09:38:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/29	09:38:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/29	09:38:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/29	09:41:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/29	10:10:00.0	XRT_Custom_418_OG [0x1a2]			
2012/07/29	10:11:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/29	11:21:30.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/29	11:21:32.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/29	11:21:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/29	11:24:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/29	11:48:30.0	XRT_Custom_418_OG [0x1a2]			
2012/07/29	11:49:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/29	13:00:00.0	XRT_CTRL_MANU_408_OG [0x198]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/29	13:00:02.0	XRT_FLD_RESET_412_OG [0x19c]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/29	13:00:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/29	13:03:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/29	13:27:00.0	XRT_Custom_418_OG [0x1a2]			
2012/07/29	13:28:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]			

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2012/07/29	14:38:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	14:38:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/29	14:38:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	14:41:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	15:16:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]							
2012/07/29	15:17:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	15:24:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	15:24:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/29	15:24:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	15:26:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]							
2012/07/29	15:27:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	15:27:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	16:17:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	16:17:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/29	16:17:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	16:20:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	17:03:00.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]							
2012/07/29	17:04:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	17:42:24.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	17:42:26.0	XRT_FOCUS_RECALIBRATE_429_OG [0x1ad]	XRT_FOCUS_RECAL	2	07-F8	78	00			
			XRT_FOCUS_RECAL	2	07-F8	78	00			
2012/07/29	17:42:30.0	AOCS_Ore-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00	00	00	00	00
			AOCU_NM	5	02-76	00	00	00	00	00
2012/07/29	17:46:26.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/07/29	17:46:46.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9				
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/07/29	17:46:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/29	17:46:50.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/29	17:49:28.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2012/07/29	17:49:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/29	17:55:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	17:55:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/29	17:55:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	17:58:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	21:42:24.0	XRT_CTRL_MANU_417_OG [0x1a1]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	21:42:30.0	AOCS_Ore-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	00	ac	00	00	00
			AOCU_NM	5	02-76	00	ac	00	00	00
2012/07/29	21:56:58.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/07/29	21:57:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9				
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/07/29	21:57:20.0	XRT_FLRCTRL_DIS_446_OG [0x1be]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/29	21:57:22.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0				
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/07/29	21:57:24.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5				
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/29	21:57:26.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/29	21:57:28.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2012/07/29	21:57:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/29	22:58:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	22:58:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/29	22:58:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	23:01:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/29	23:10:30.0	XRT_Custom_418_OG [0x1a2]	XRT_CTRL_AUTO_419_OG [0x1a3]							
2012/07/29	23:11:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/29	23:42:24.0	XRT_CTRL_MANU_417_OG [0x1a1]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				

2012/07/29	23:42:30.0	AOCS_ORe-point_Start_25_OG [0x0af] AOCU_NM	5	02-76	00	00	00	54	00
2012/07/29	23:56:58.0	XRT_FOCUS_POSITION_409_OG [0x199] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/07/29	23:57:18.0	XRT_FLD_DIS_425_OG [0x1a9] MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/07/29	23:57:20.0	XRT_FLRCTRL_DIS_446_OG [0x1be] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/29	23:57:22.0	XRT_AEC_RESET_443_OG [0x1bb] MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/07/29	23:57:24.0	XRT_ARS_DIS_431_OG [0x1af] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/29	23:57:26.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/29	23:57:28.0	XRT_QT_PROG_SET_405_OG [0x195] MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2012/07/29	23:57:30.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/30	00:36:30.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/30	00:36:32.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/30	00:36:34.0	XRT_PREFLR_STRT_422_OG [0x1a6] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/30	00:39:44.0	XRT_PREFLR_STOP_424_OG [0x1a8] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/30	00:49:00.0	XRT_Custom_418_OG [0x1a2]							
2012/07/30	00:50:00.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/30	01:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/30	02:00:00.0	AOCS_ORe-point_Start_23_OG [0x0ad] AOCU_NM	5	02-76	04	00	00	00	00
2012/07/30	02:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/07/30	02:02:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/07/30	02:02:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/07/30	02:02:50.0	XRT_AEC_RESET_443_OG [0x1bb] MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/07/30	02:02:52.0	XRT_ARS_DIS_431_OG [0x1af] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/30	02:02:54.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/30	02:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2012/07/30	02:02:58.0	XRT_FL_PROG_SET_403_OG [0x193] MDP_XRT_FL_PROG_SET	2	07-F0	c5	0c			
2012/07/30	02:03:00.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/30	02:07:30.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/30	02:07:32.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/30	02:07:34.0	XRT_PREFLR_STRT_422_OG [0x1a6] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/30	02:10:44.0	XRT_PREFLR_STOP_424_OG [0x1a8] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/30	02:34:30.0	XRT_Custom_418_OG [0x1a2]							
2012/07/30	02:35:30.0	XRT_CTRL_AUTO_419_OG [0x1a3] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/30	03:37:00.0	XRT_CTRL_MANU_408_OG [0x198] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/30	03:37:02.0	XRT_FLD_RESET_412_OG [0x19c] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/07/30	03:37:04.0	XRT_PREFLR_STRT_422_OG [0x1a6] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/07/30	03:40:14.0	XRT_PREFLR_STOP_424_OG [0x1a8] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/07/30	04:14:54.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/30	04:14:56.0	XRT_FOCUS_POSITION_401_OG [0x191] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2012/07/30	04:15:00.0	AOCS_ORe-point_Start_22_OG [0x0ac] AOCU_NM	5	02-76	00	00	00	00	00
2012/07/30	04:15:16.0	XRT_FLD_DIS_402_OG [0x192] MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/07/30	04:15:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/07/30	04:15:20.0	XRT_ARS_DIS_438_OG [0x1b6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/07/30	04:17:58.0	XRT_QT_PROG_SET_427_OG [0x1ab] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2012/07/30	04:18:00.0	XRT_CTRL_AUTO_406_OG [0x196] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/07/30	04:24:54.0	XRT_CTRL_MANU_439_OG [0x1b7] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/07/30	04:25:00.0	AOCS_ORe-point_Start_23_OG [0x0ad] AOCU_NM	5	02-76	04	00	00	00	00
2012/07/30	04:27:26.0	XRT_FOCUS_POSITION_409_OG [0x199] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/07/30	04:27:46.0	XRT_FLD_ENA_411_OG [0x19b]							

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2012/07/30	04:27:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2012/07/30	04:27:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0
2012/07/30	04:27:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5
2012/07/30	04:27:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	04:27:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2012/07/30	04:27:58.0	XRT_FL_PROG_SET_403_OG [0x193]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c
2012/07/30	04:28:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	05:15:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/30	05:15:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	05:15:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/30	05:18:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/30	05:51:30.0	XRT_Custom_418_OG [0x1a2]				
2012/07/30	05:52:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	06:56:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/30	06:56:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	06:56:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/30	06:59:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/30	07:30:00.0	XRT_Custom_418_OG [0x1a2]				
2012/07/30	07:31:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	08:36:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/30	08:36:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	08:36:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/30	08:39:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/30	09:08:30.5	XRT_Custom_418_OG [0x1a2]				
2012/07/30	09:09:30.5	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	10:17:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/30	10:17:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	10:17:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/30	10:20:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/30	10:47:00.0	XRT_Custom_418_OG [0x1a2]				
2012/07/30	10:48:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	11:59:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/30	11:59:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	11:59:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/30	12:02:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/30	12:25:30.0	XRT_Custom_418_OG [0x1a2]				
2012/07/30	12:26:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	13:37:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/30	13:37:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	13:37:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/30	13:40:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/30	14:04:00.0	XRT_Custom_418_OG [0x1a2]				
2012/07/30	14:05:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	14:07:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2012/07/30	14:07:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2012/07/30	14:07:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2012/07/30	14:10:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2012/07/30	14:12:30.0	XRT_Custom_418_OG [0x1a2]				
2012/07/30	14:13:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2012/07/30	15:16:00.0	XRT_CTRL_MANU_408_OG [0x198]				

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2012/07/30	15:16:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	15:16:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/30	15:19:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/30	16:03:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/30	16:04:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/30	16:54:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	16:54:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/30	16:54:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/30	16:57:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/30	17:39:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/30	17:40:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	17:56:54.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2012/07/30	17:56:56.0	XRT_FOCUS_POSITION	AOCES_OrE-point_Start_22_OG [0x0ac]	5	02-76	00 00 00 00 00	
2012/07/30	17:57:00.0	AOCES_OrE-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	04 00 00 00 00	
2012/07/30	17:57:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/07/30	17:57:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/07/30	17:57:20.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/07/30	17:59:58.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2012/07/30	18:00:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/30	18:06:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	18:07:00.0	AOCES_OrE-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	04 00 00 00 00	
2012/07/30	18:09:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/07/30	18:09:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2012/07/30	18:09:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2012/07/30	18:09:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/07/30	18:09:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/07/30	18:09:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/30	18:09:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2012/07/30	18:09:58.0	XRT_FL_PROG_SET_403_OG [0x193]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c	
2012/07/30	18:10:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/30	18:33:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	18:33:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/30	18:33:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/30	18:36:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/30	19:16:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/30	19:17:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	20:11:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	20:11:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/30	20:11:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/30	20:14:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/30	20:54:00.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/30	20:55:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	21:50:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	21:50:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/30	21:50:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/30	21:53:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/30	22:29:30.0	XRT_Custom_418_OG [0x1a2]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/30	22:30:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/30	23:28:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

2012/07/30	23:28:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/30	23:28:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/30	23:31:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/30	23:55:00.0	XRT_Custom_418_OG [0x1a2]					
2012/07/30	23:56:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/31	01:07:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/31	01:07:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/31	01:07:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/31	01:10:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/31	01:33:30.0	XRT_Custom_418_OG [0x1a2]					
2012/07/31	01:34:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/31	02:44:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/31	02:44:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/31	02:44:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/31	02:47:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/31	03:12:00.0	XRT_Custom_418_OG [0x1a2]					
2012/07/31	03:13:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/31	03:59:54.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/31	03:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2012/07/31	04:00:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 00 00 00 00	
2012/07/31	04:00:16.0	XRT_FLD_DIS_402_OG [0x192]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2012/07/31	04:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2012/07/31	04:00:20.5	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/07/31	04:02:58.5	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2012/07/31	04:03:00.5	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/31	04:10:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	04 00 00 00 00	
2012/07/31	04:13:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/31	04:13:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/31	04:13:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/31	04:16:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/31	04:50:54.0	XRT_CTRL_MANU_428_OG [0x1ac]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/31	04:50:56.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2012/07/31	04:51:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2012/07/31	04:51:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2012/07/31	04:51:20.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2012/07/31	04:51:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2012/07/31	04:51:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/31	04:51:26.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2012/07/31	04:51:28.0	XRT_FL_PROG_SET_403_OG [0x193]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0c	
2012/07/31	04:51:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/31	05:53:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/31	05:53:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	
2012/07/31	05:53:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2012/07/31	05:56:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2012/07/31	06:29:00.0	XRT_Custom_418_OG [0x1a2]					
2012/07/31	06:30:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2012/07/31	07:34:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2012/07/31	07:34:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da	

2012/07/31	07:34:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2012/07/31	07:37:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2012/07/31	08:07:30.0	XRT_Custom_418_OG [0x1a2]								
2012/07/31	08:08:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]								
		MDP_XRT_CTRL_AUTO	1	07-F0	c0					
2012/07/31	09:14:00.0	XRT_CTRL_MANU_408_OG [0x198]								
		MDP_XRT_CTRL_MANU	1	07-F0	c1					
2012/07/31	09:14:02.0	XRT_FLD_RESET_412_OG [0x19c]								
		MDP_XRT_FLD_RESET	1	07-F0	da					
2012/07/31	09:14:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]								
		MDP_XRT_PREFLR_STRT	1	07-F0	e8					
2012/07/31	09:17:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]								
		MDP_XRT_PREFLR_STOP	1	07-F0	e9					
2012/07/31	10:21:00.0	AOCS_OrE-point_Start_22_OG [0x0ac]								
		AOCU_NM	5	02-76	00 00 00 00 00					