

XRT Timeline to be uploaded on 2012/09/13

Period: 2012/09/13 09:55:00 - 2012/09/18 10:37:00

* * * * *

Normal mode

* * * * *

XOB #192A: AR Standard-A(Filter-Ratio) with PFB, 384x384 at 1064 1048, shorter thin-Be, thick Al and Al/Poly context, With G-band (45ms), 150s cad

Term	Pointing (x, y)	Comment
09/13 10:08:00 - 09/13 18:02:24	Track (-548.4, -342.4) ^{09/13 10:05:00}	# OP start + 10min, AR 11569 & limb region.
09/13 23:46:00 - 09/14 01:17:00	Fixed (470.0, -300.0)	# EIS large FOV mosaic 1/3.
09/14 01:36:00 - 09/14 02:51:00	Fixed (14.9, -300.0)	# 2/3.

PROG= 19 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec										
Seqn= 19	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= 18	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= 32	4-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 33	30-time(s)	150.0sec										
thin-Be/Open	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	15.0sec
thin-Be/Open	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	15.0sec
thin-Be/Open	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	15.0sec
thin-Be/Open	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	15.0sec

XOB #1926: Synoptic Q95 2x2 - Al/mesh(44/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(88/1443) + Thin-Be(250)

Term	Pointing (x, y)	Comment
09/13 18:05:30 - 09/13 18:12:24	Fixed (0.0, 0.0)	synoptic, shifted 2.5 min
09/14 05:36:30 - 09/14 05:43:24	Fixed (0.0, 0.0)	synoptic, shifted -26.5 min
09/14 18:26:00 - 09/14 18:32:54	Fixed (0.0, 0.0)	synoptic, shifted 23.0 min
09/15 05:58:00 - 09/15 06:04:54	Fixed (0.0, 0.0)	synoptic, shifted -5.0 min

PROG= 05 1-time(s)

Subr= 1	1-time(s)	12.0sec										
Seqn= 50	1-time(s)	4.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 6	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= 51	1-time(s)	4.0sec										
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	86ms	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= 54	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 8	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

XOB #192C: HOP81 2-filter - Ti/poly 4s, Al/mesh 4s, G-band - 384x384 45ms, 60s cad

Term	Pointing (x, y)	Comment
09/13 18:15:30 - 09/13 23:42:54	Track (0.0, 371.0) ^{09/13 18:12:30}	# HOP-182 (QS observations).

PROG= 02 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec										
Seqn= 61	2-time(s)	2.0sec										
Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
Subr= 2	1-time(s)	2.0sec										
Seqn= 62	1-time(s)	30.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 3	30-time(s)	2.0sec										
Seqn= 60	2-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
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec

XOB #1923: AR Standard-A(Filter-Ratio) with PFB, 384x384 at 1064 1048, shorter thin-Be, thick Al and Al/Poly context, With G-band (45ms), 60s cad

Term	Pointing (x, y)	Comment
09/14 03:12:30 - 09/14 05:33:24	Fixed (-444.2, -301.8)	# 3/3.
09/14 05:46:30 - 09/14 09:59:54	Track (-400.0, -353.8) ^{Ⓢ 09/14 05:43:30}	# AR 11569 & limb region.
09/14 18:36:00 - 09/15 05:54:54	Track (-295.0, -359.1) ^{Ⓢ 09/14 18:33:00}	# AR 11569 & limb region.
09/15 06:08:00 - 09/15 10:32:54	Track (-196.6, -362.6) ^{Ⓢ 09/15 06:05:00}	# AR 11569 & limb region.
PROG= 17 Inf.-time(s)		
Subr= 1	1-time(s) 2.0sec	
└─ Seqn= 19	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= 18	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= 32	4-time(s) 2.0sec	
└─ Al-poly/Open	thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec	
└─ Open/Ti-poly	Open/thick-Be close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec	
└─ thin-Be/Open	med-Be/Open close Safe Norm 5.66s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec	
└─ Open/thick-Al	Open/thick-Al close Safe Norm 16.0s Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec	
└─ Seqn= 33	30-time(s) 60.0sec	
└─ thin-Be/Open	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 15.0sec	
└─ thin-Be/Open	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 15.0sec	
└─ thin-Be/Open	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 15.0sec	
└─ thin-Be/Open	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 15.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #190F: HOP81 2-filter - Ti/poly 8s, Al/mesh 4s, G-band - 384x384 45ms

Term	Pointing (x, y)	Comment
09/14 10:03:00 - 09/14 18:00:00	Fixed (-9.0, 860.0)	# HOP-206 (North Pole Panorama Map).
PROG= 09 Inf.-time(s)		
Subr= 1	1-time(s) 2.0sec	
└─ Seqn= 61	2-time(s) 2.0sec	
└─ Open/G-band	Open/G-band close Safe Norm 63ms Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec	
Subr= 2	1-time(s) 2.0sec	
└─ Seqn= 62	1-time(s) 30.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 44ms Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec	
Subr= 3	30-time(s) 2.0sec	
└─ Seqn= 60	2-time(s) 30.0sec	
└─ Open/Al-mesh	Open/Al-mesh close Safe Norm 4.00s Obs 1x1 384x384 (1064, 1048) Q=90 0 0 2.0sec	
└─ Open/Ti-poly	Open/Ti-poly close Safe Norm 4.00s 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 #1920: Flare obs. dynamics - thin-Be high cadence + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2)-Gband (45ms)-15 loops

Term	Pointing (x, y)	Comment
09/13 10:08:00 - 09/13 18:02:24	Track (-548.4, -342.4) ^{Ⓢ 09/13 10:05:00}	# OP start + 10min, AR 11569 & limb region.
09/13 18:15:30 - 09/13 23:42:54	Track (0.0, 371.0) ^{Ⓢ 09/13 18:12:30}	# HOP-182 (QS observations).
09/13 23:46:00 - 09/14 01:17:00	Fixed (470.0, -300.0)	# EIS large FOV mosaic 1/3.
09/14 01:36:00 - 09/14 02:51:00	Fixed (14.9, -300.0)	# 2/3.
09/14 03:12:30 - 09/14 05:33:24	Fixed (-444.2, -301.8)	# 3/3.
09/14 05:46:30 - 09/14 09:59:54	Track (-400.0, -353.8) ^{Ⓢ 09/14 05:43:30}	# AR 11569 & limb region.
09/14 10:03:00 - 09/14 18:00:00	Fixed (-9.0, 860.0)	# HOP-206 (North Pole Panorama Map).
09/14 18:36:00 - 09/15 05:54:54	Track (-295.0, -359.1) ^{Ⓢ 09/14 18:33:00}	# AR 11569 & limb region.
09/15 06:08:00 - 09/15 10:32:54	Track (-196.6, -362.6) ^{Ⓢ 09/15 06:05:00}	# AR 11569 & limb region.
PROG= 16 15-time(s)		
Subr= 1	45-time(s) 10.0sec	
└─ Seqn= 35	1-time(s) 2.0sec	
└─ thin-Be/Open	med-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec	
Subr= 2	1-time(s) 10.0sec	
└─ Seqn= 36	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= 37	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= 38	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	
└─ 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

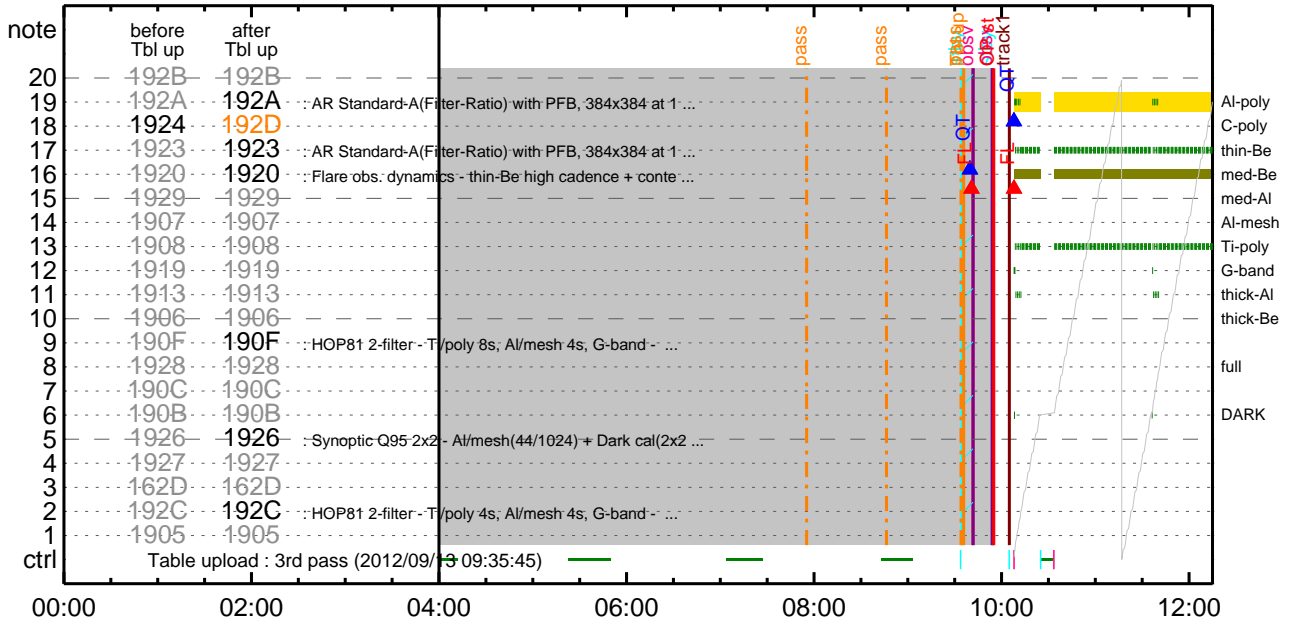
* * * * *

Flare Detection

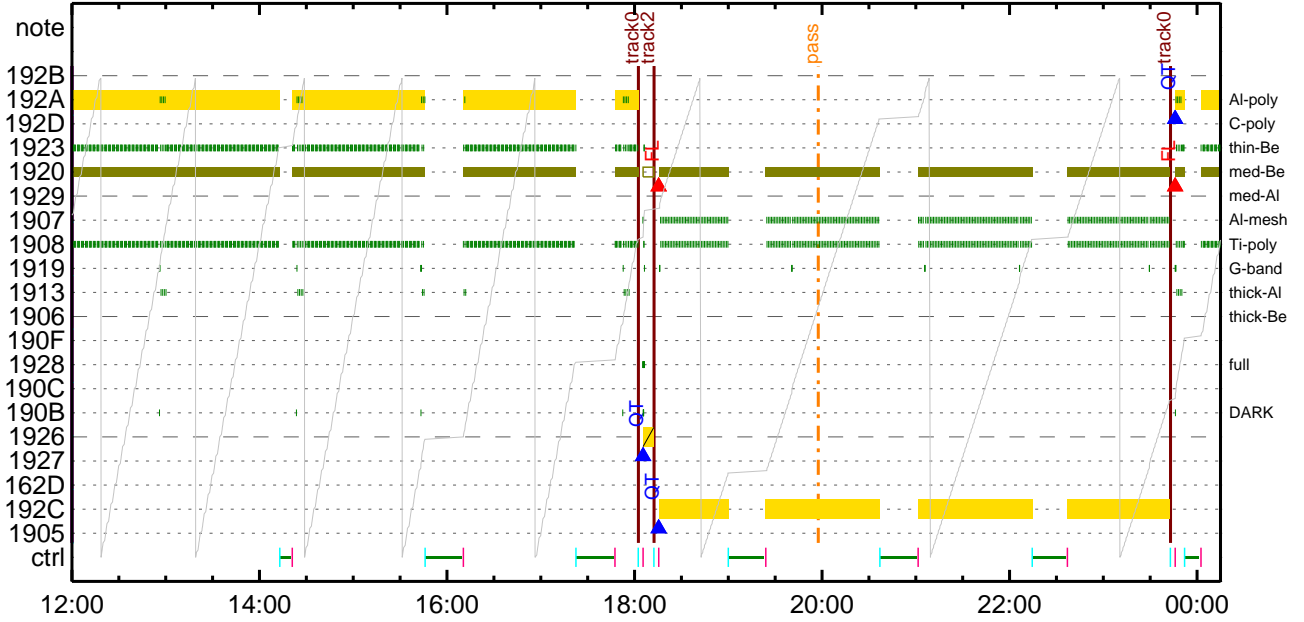
* * * * *

FLD Patrol												
Term		Pointing (x, y)					Comment					
09/13 18:15:16 - 09/14 05:33:46		Track (0.0, 371.0) @ 09/13 18:12:30					# HOP-182 (QS observations).					
09/14 05:46:16 - 09/14 18:23:16		Track (-400.0, -353.8) @ 09/14 05:43:30					# AR 11569 & limb region.					
09/14 18:35:46 - 09/15 05:55:16		Track (-295.0, -359.1) @ 09/14 18:33:00					# AR 11569 & limb region.					
09/15 06:07:46 - 09/18 10:37:00		Track (-196.6, -362.6) @ 09/15 06:05:00					# AR 11569 & limb region.					
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	

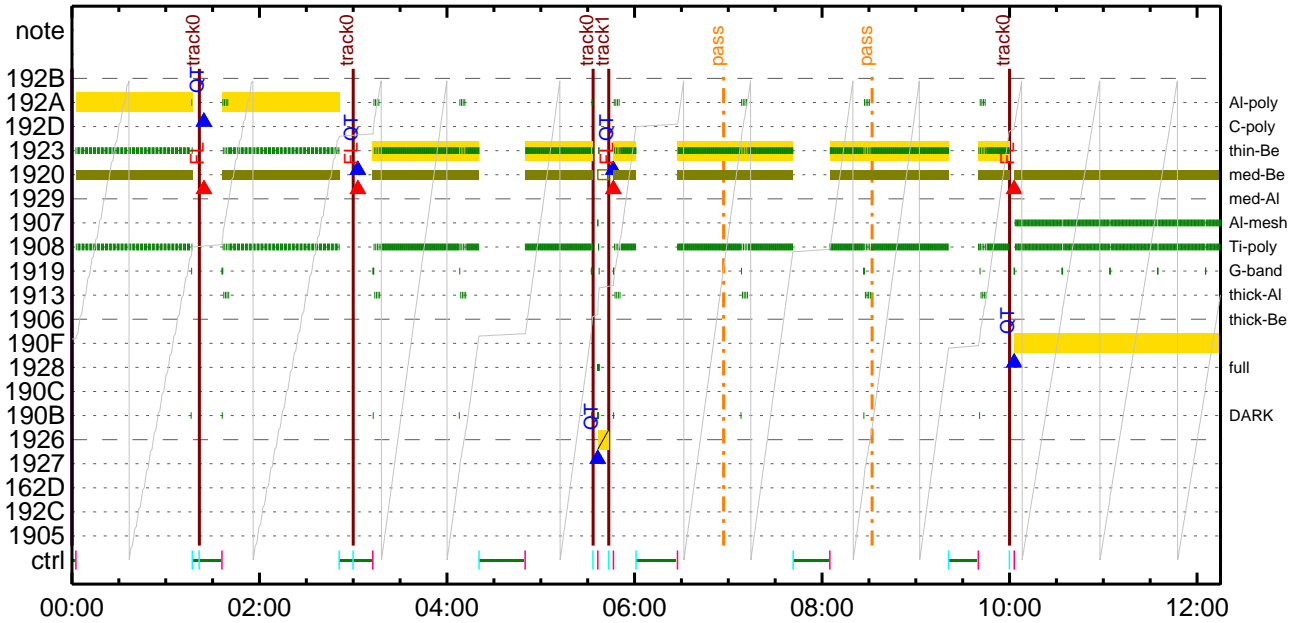
CMDI #0914 2012/09/13



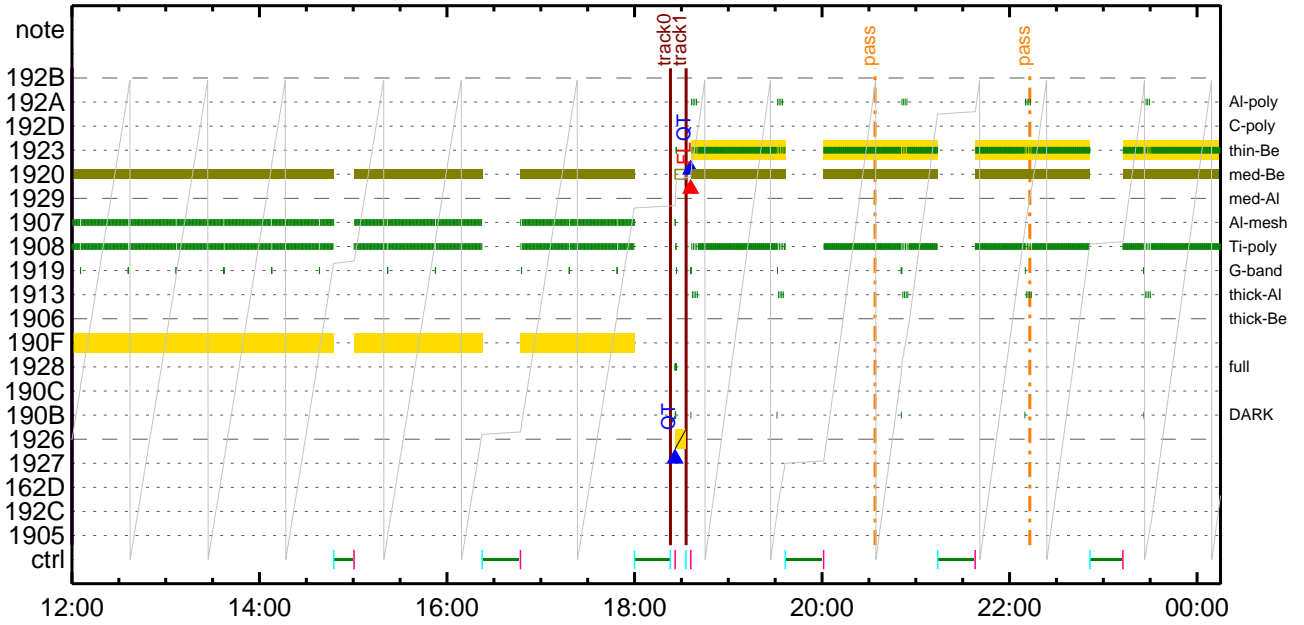
CMDI #0914 2012/09/13



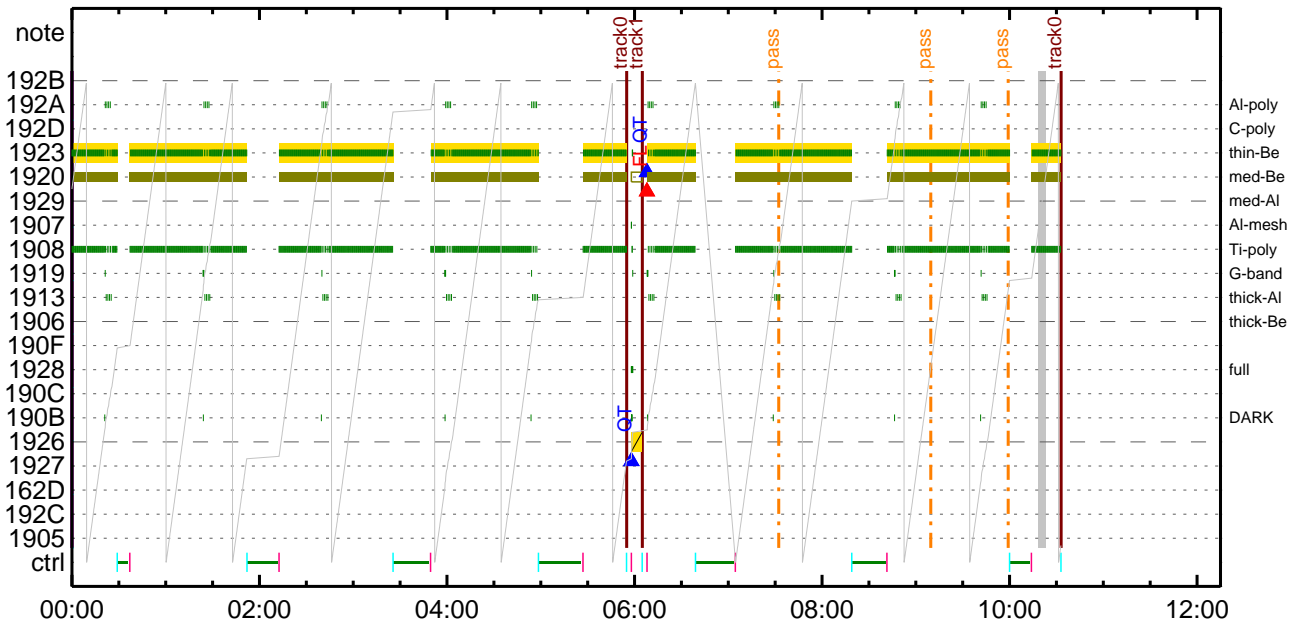
CMDI #0914 2012/09/14



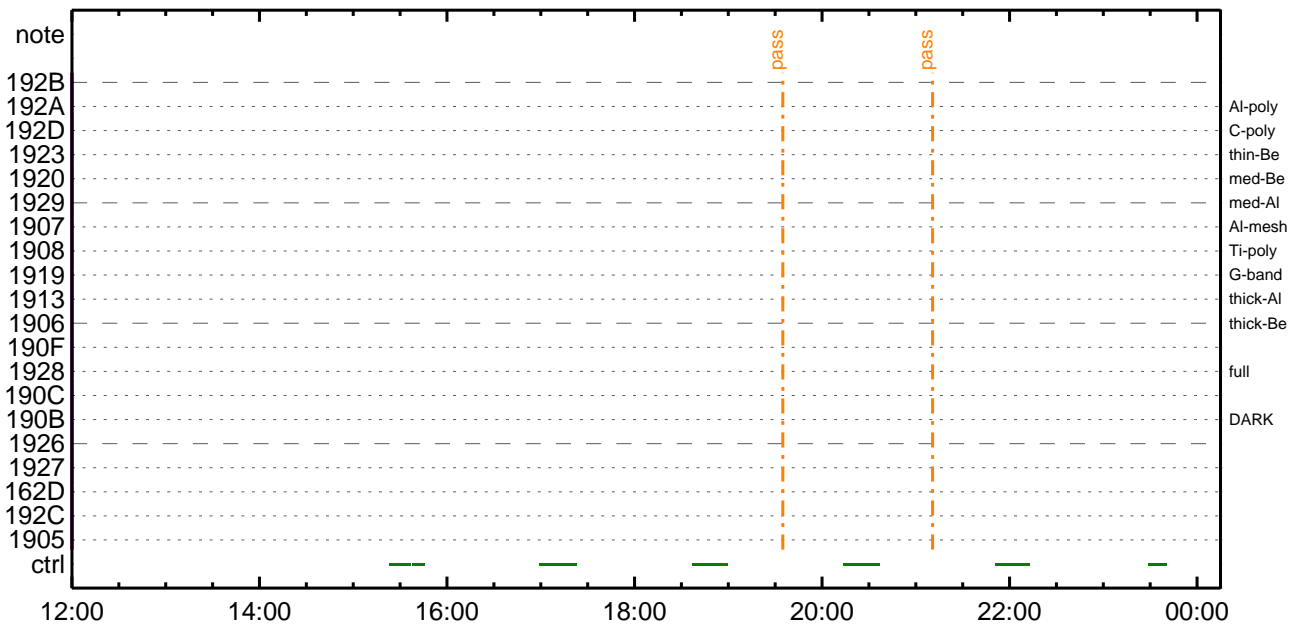
CMDI #0914 2012/09/14



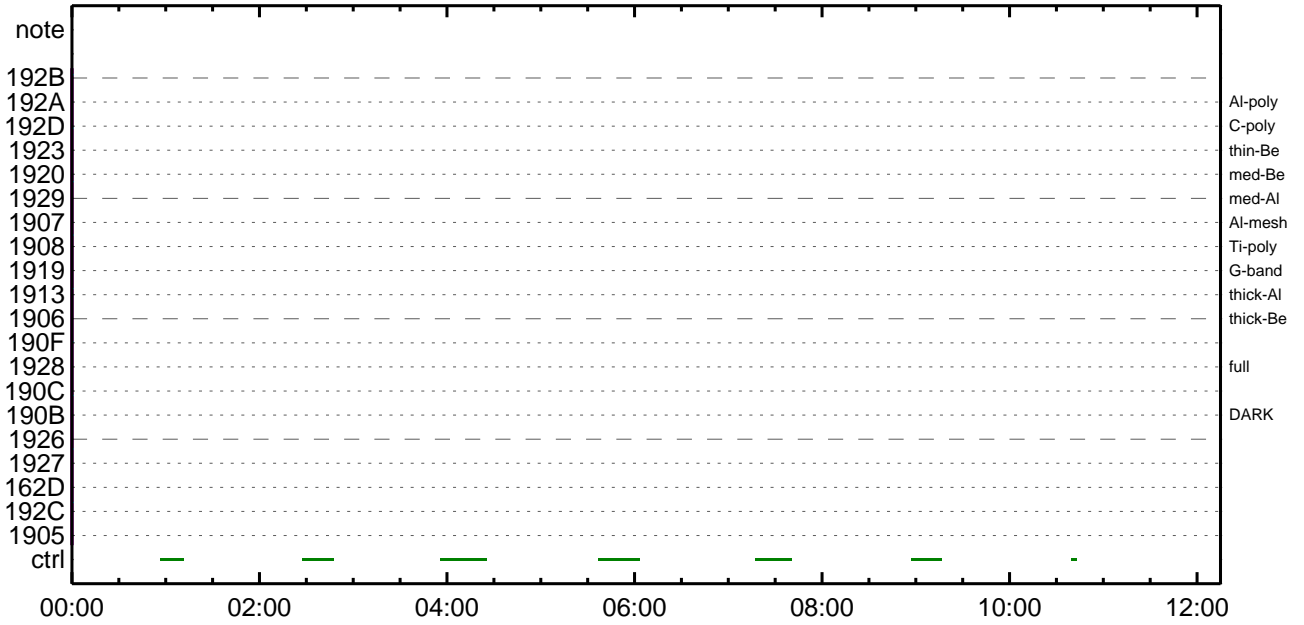
CMDI #0914 2012/09/15



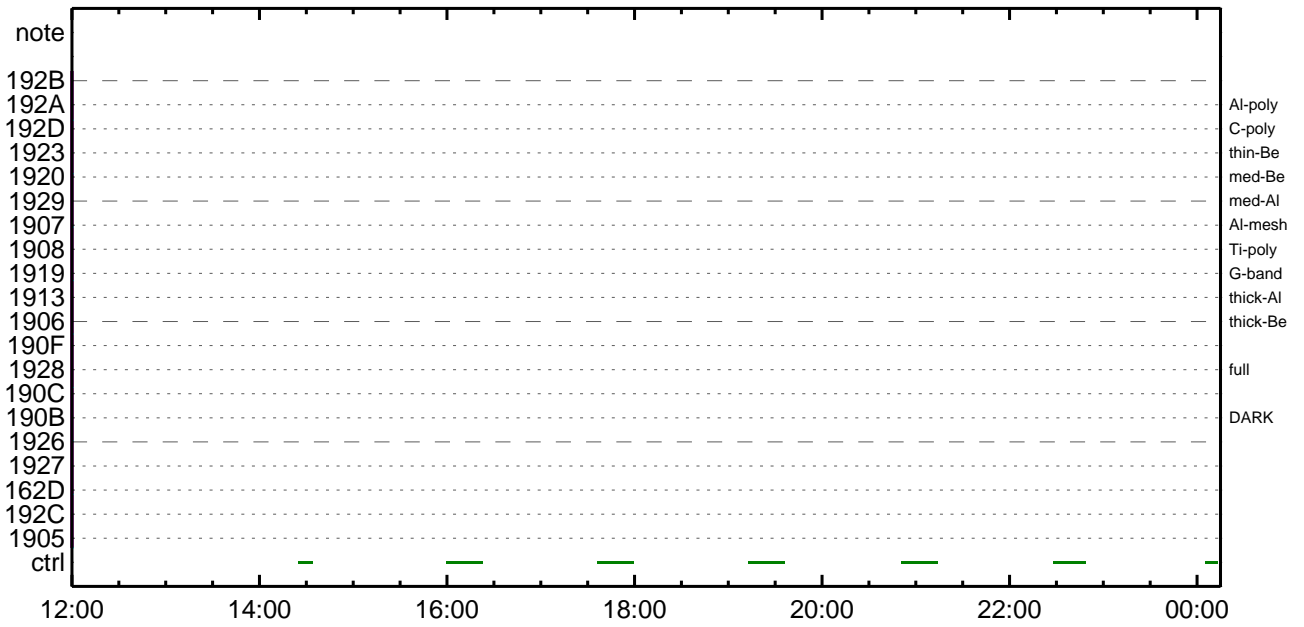
CMDI #0914 2012/09/15



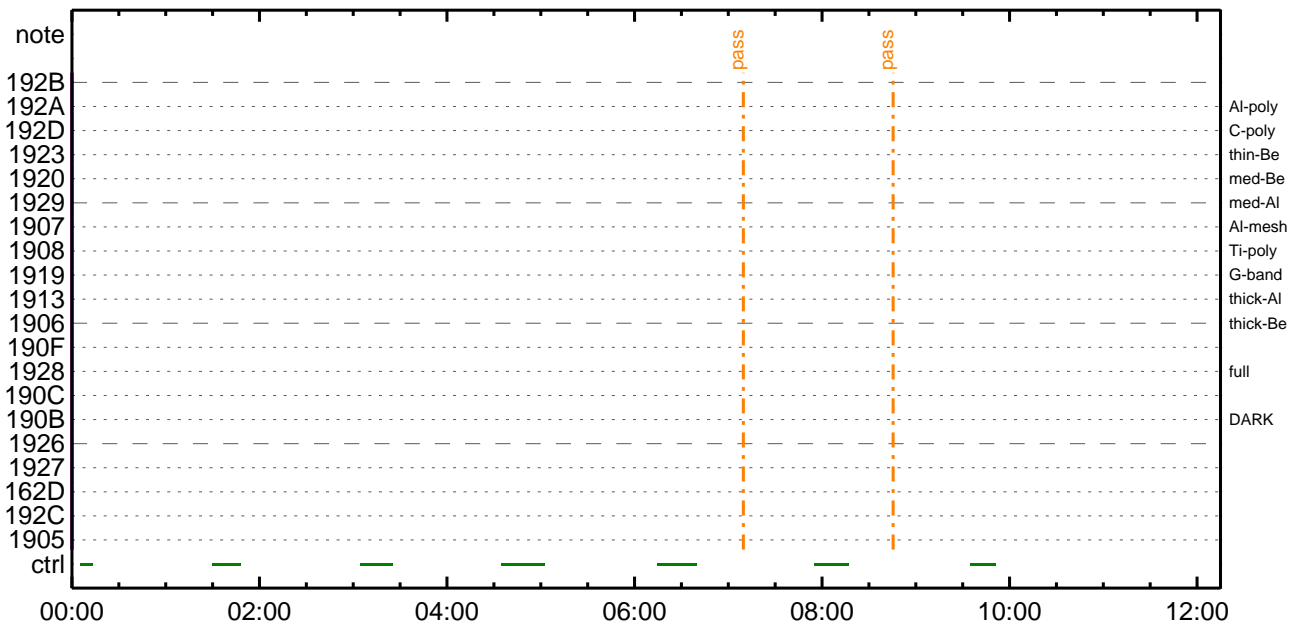
CMDI #0914 2012/09/16



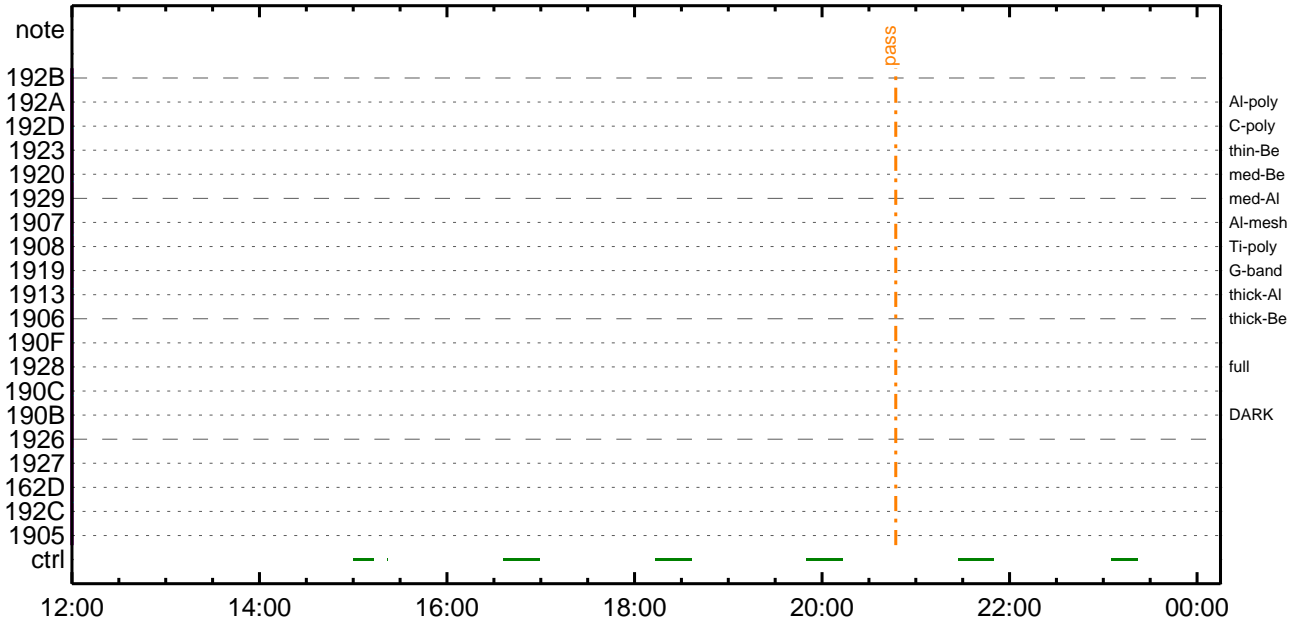
CMDI #0914 2012/09/16



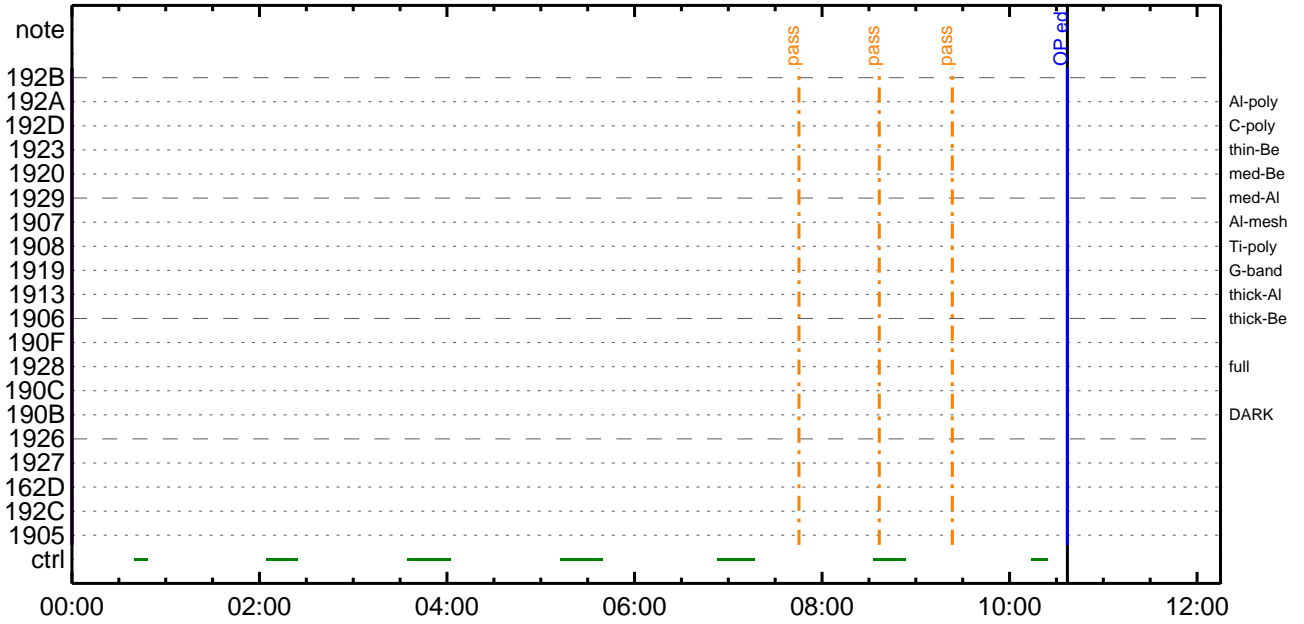
CMDI #0914 2012/09/17



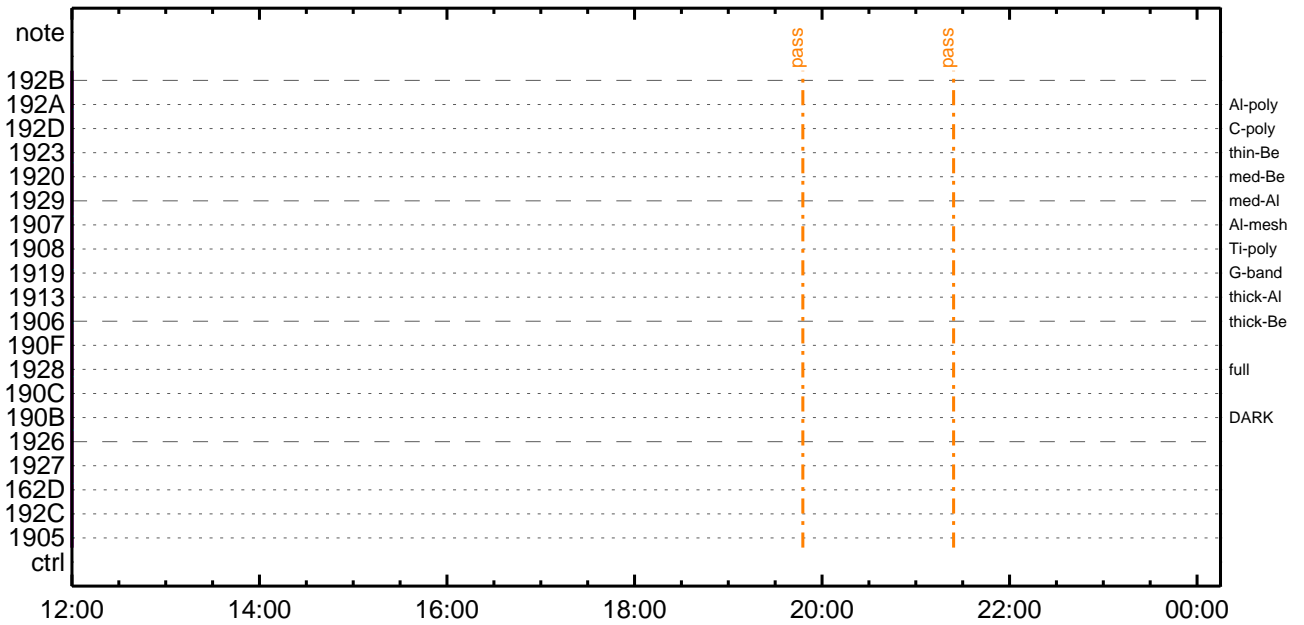
CMDI #0914 2012/09/17



CMDI #0914 2012/09/18



CMDI #0914 2012/09/18




```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG ____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 85 83 06 06)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 85 83 08 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 20 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 80 80 20 08)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 80 80 08 20)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0f 80 80 06 06)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 10 80 80 08 08)
0140 + DC 07-F0 MDP_XRT_FLD_ENA
0141 BC (d8)
0142 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0143 BC (c8)
0144 +. DC 07-F0 MDP_XRT_AEC_RESET
0145 BC (d0)
0146 + DC 07-F0 MDP_XRT_ARS_DIS
0147 BC (d5)
0148 +. DC 07-F0 MDP_XRT_FLD_RESET
0149 BC (da)
0150 + DC 07-F0 MDP_XRT_QT_PROG_SET
0151 BC (c4 11)
0152 + DC 07-F0 MDP_XRT_FL_PROG_SET
0153 BC (c5 10)
0154 . C. ----- Success Verify ? OK / NG ____
0155 C.
0156 C.
0157 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0158 C.
0159 +. DC 07-F0 MDP_XRT_MODE_OBSV
0160 BC (c2)
0161 +. TI 2012-09-13 09:54:02.0
0162 DC 07-F0 MDP_XRT_MODE_OBSV
0163 BC (c2)
0164 . C. ----- Success Verify ? OK / NG ____
0165 C.
0166 C. ***** XRT END *****
0167 . C. *****
0168 C. SOT table upload
0169 C. *****
0170 . C. < Stop FG table >
0171 +. DC 07-F0 MDP_FG_CTRL_MANU
0172 BC (51)
0173 . C. -----
0174 C. MDP_FG_CTRL_MODE = MANU [ ]
0175 C. -----
0176 C.
0177 . C. <Upload FG Observation Table>
0178 . S. RAM ram-262:MDP_OBS_F
0179 ( )
0180 C.
0181 . C. < Dump RAMID=MDP_OBS_F >
0182 +. DC 07-F0 MDP_DUMP_FGTBL
0183 BC (82 07 00 00 00 38 b8)
0184 C. -----
0185 C. MDP_OBS_F verify = OK/NG [ ]
0186 C. -----
0187 C.
0188 C. *****
0189 C. SOT TI command set
0190 C. *****
0191 C. Execute, after the success of TBL upload.
0192 +. TI 2012-09-13 09:54:18.0
0193 DC 07-F0 MDP_SOT_MODE_OBSV

```


Sep 13, 12 12:59

XRT_OGLIST_0914.chk

Page 1/6

*** OP Sequence for XRT ***

2012/09/13	10:04:54.0	XRT_CTRL_MANU_447_OG [0x1bf]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/13	10:05:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2012/09/13	10:07:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/09/13	10:07:46.0	XRT_FLD_ENA_428_OG [0x1ac]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/09/13	10:07:48.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/09/13	10:07:50.0	XRT_AEC_RESET_423_OG [0x1a7]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/09/13	10:07:52.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/09/13	10:07:54.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/13	10:07:56.0	XRT_QT_PROG_SET_410_OG [0x19a]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2012/09/13	10:07:58.0	XRT_FL_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10				
2012/09/13	10:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/13	10:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/13	10:25:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/13	10:25:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/13	10:28:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/13	10:32:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/13	10:33:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/13	14:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/13	14:13:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/13	14:13:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/13	14:16:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/13	14:20:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/13	14:21:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/13	15:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/13	15:46:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/13	15:46:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/13	15:49:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/13	16:09:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/13	16:10:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/13	17:22:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/13	17:22:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/13	17:22:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/13	17:25:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/13	17:46:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/13	17:47:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/13	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/13	18:02:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/09/13	18:02:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2012/09/13	18:02:46.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/09/13	18:02:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/09/13	18:02:50.0	XRT_ARS_DIS_406_OG [0x196]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/09/13	18:05:28.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/09/13	18:05:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/13	18:12:24.0	XRT_CTRL_MANU_447_OG [0x1bf]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/13	18:12:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2012/09/13	18:14:56.0	XRT_FOCUS_POSITION_420_OG [0x1a4]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/09/13	18:15:16.0	XRT_FLD_ENA_437_OG [0x1b5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/09/13	18:15:18.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]							

Sep 13, 12 12:59

XRT_OGLIST_0914.chk

Page 2/6

2012/09/13	18:15:20.0	XRT_AEC_RESET_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2012/09/13	18:15:22.0	XRT_ARS_DIS_412_OG [0x19c]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2012/09/13	18:15:24.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2012/09/13	18:15:26.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02	
2012/09/13	18:15:28.0	XRT_FL_PROG_SET_444_OG [0x1bc]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	10	
2012/09/13	18:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/09/13	19:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/09/13	19:00:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2012/09/13	19:00:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/09/13	19:03:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/09/13	19:23:00.0	XRT_Custom_434_OG [0x1b2]						
2012/09/13	19:24:00.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/09/13	20:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/09/13	20:37:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2012/09/13	20:37:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/09/13	20:40:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/09/13	21:00:30.0	XRT_Custom_434_OG [0x1b2]						
2012/09/13	21:01:30.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/09/13	22:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/09/13	22:14:32.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2012/09/13	22:14:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/09/13	22:17:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/09/13	22:36:00.0	XRT_Custom_434_OG [0x1b2]						
2012/09/13	22:37:00.5	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/09/13	23:42:54.0	XRT_CTRL_MANU_447_OG [0x1bf]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/09/13	23:43:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00	1a a7 d6 36	
2012/09/13	23:45:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2012/09/13	23:45:46.0	XRT_FLD_ENA_428_OG [0x1ac]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2012/09/13	23:45:48.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2012/09/13	23:45:50.0	XRT_AEC_RESET_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2012/09/13	23:45:52.0	XRT_ARS_DIS_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2012/09/13	23:45:54.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2012/09/13	23:45:56.0	XRT_QT_PROG_SET_410_OG [0x19a]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13	
2012/09/13	23:45:58.0	XRT_FL_PROG_SET_444_OG [0x1bc]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	10	
2012/09/13	23:46:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/09/13	23:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/09/13	23:52:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2012/09/13	23:52:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/09/13	23:55:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/09/14	00:01:30.0	XRT_Custom_434_OG [0x1b2]						
2012/09/14	00:02:30.0	XRT_CTRL_AUTO_413_OG [0x19d]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2012/09/14	01:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/09/14	01:17:02.0	XRT_FLD_RESET_424_OG [0x1a8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2012/09/14	01:17:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2012/09/14	01:20:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2012/09/14	01:21:24.0	XRT_CTRL_MANU_447_OG [0x1bf]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2012/09/14	01:21:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	1a a7 fe b1	
2012/09/14	01:23:56.0	XRT_FOCUS_POSITION_420_OG [0x1a4]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	

Sep 13, 12 12:59

XRT_OGLIST_0914.chk

Page 4/6

2012/09/14	05:46:28.0	XRT_FL_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	10			
2012/09/14	05:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	06:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	06:01:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	06:01:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	06:04:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	06:26:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	06:27:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	07:41:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	07:41:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	07:41:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	07:44:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	08:04:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	08:05:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	09:21:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	09:21:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	09:21:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	09:24:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	09:39:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	09:40:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	09:59:54.0	XRT_CTRL_MANU_447_OG [0x1bf]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	10:00:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00	b3 8e 00 cc			
2012/09/14	10:02:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2012/09/14	10:02:46.0	XRT_FLD_ENA_437_OG [0x1b5]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/09/14	10:02:48.0	XRT_FLRCTRL_ENA_443_OG [0x1bb]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/09/14	10:02:50.0	XRT_AEC_RESET_423_OG [0x1a7]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/09/14	10:02:52.0	XRT_ARS_DIS_412_OG [0x19c]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/09/14	10:02:54.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	10:02:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2012/09/14	10:02:58.0	XRT_FL_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	10			
2012/09/14	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	14:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	14:47:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	14:47:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	14:50:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	14:59:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	15:00:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	16:22:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	16:22:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	16:22:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	16:25:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	16:46:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	16:47:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	18:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	18:00:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	18:00:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	18:03:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	18:22:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	18:22:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00			

Sep 13, 12 12:59

XRT_OGLIST_0914.chk

Page 5/6

2012/09/14	18:23:00.0	AOCS_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	00	00	00	00
2012/09/14	18:23:16.0	XRT_FLD_DIS_404_OG [0x194] MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/09/14	18:23:18.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/09/14	18:23:20.0	XRT_ARS_DIS_406_OG [0x196] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/09/14	18:25:58.0	XRT_QT_PROG_SET_441_OG [0x1b9] MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2012/09/14	18:26:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	18:32:54.0	XRT_CTRL_MANU_447_OG [0x1bf] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	18:33:00.0	AOCS_OrE-point_Start_1_OG [0x097] AOCU_NM	5	02-76	01	00	00	00	00
2012/09/14	18:35:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2012/09/14	18:35:46.0	XRT_FLD_ENA_428_OG [0x1ac] MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/09/14	18:35:48.0	XRT_FLRCTRL_ENA_429_OG [0x1ad] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/09/14	18:35:50.0	XRT_AEC_RESET_423_OG [0x1a7] MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/09/14	18:35:52.0	XRT_ARS_DIS_438_OG [0x1b6] MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/09/14	18:35:54.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	18:35:56.0	XRT_QT_PROG_SET_411_OG [0x19b] MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2012/09/14	18:35:58.0	XRT_FL_PROG_SET_444_OG [0x1bc] MDP_XRT_FL_PROG_SET	2	07-F0	c5	10			
2012/09/14	18:36:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	19:36:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	19:36:32.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	19:36:34.0	XRT_PREFLR_STRT_432_OG [0x1b0] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	19:39:44.0	XRT_PREFLR_STOP_433_OG [0x1b1] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	20:00:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	20:01:00.0	XRT_CTRL_AUTO_413_OG [0x19d] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	21:14:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	21:14:02.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	21:14:04.0	XRT_PREFLR_STRT_432_OG [0x1b0] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	21:17:14.0	XRT_PREFLR_STOP_433_OG [0x1b1] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	21:37:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	21:38:00.0	XRT_CTRL_AUTO_413_OG [0x19d] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/14	22:51:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/14	22:51:32.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/14	22:51:34.0	XRT_PREFLR_STRT_432_OG [0x1b0] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/14	22:54:44.0	XRT_PREFLR_STOP_433_OG [0x1b1] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/14	23:11:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/14	23:12:30.0	XRT_CTRL_AUTO_413_OG [0x19d] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	00:29:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	00:29:02.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/15	00:29:04.0	XRT_PREFLR_STRT_432_OG [0x1b0] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/15	00:32:14.0	XRT_PREFLR_STOP_433_OG [0x1b1] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/15	00:36:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/15	00:37:00.0	XRT_CTRL_AUTO_413_OG [0x19d] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	01:52:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	01:52:02.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/15	01:52:04.0	XRT_PREFLR_STRT_432_OG [0x1b0] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/15	01:55:14.0	XRT_PREFLR_STOP_433_OG [0x1b1] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/15	02:11:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/15	02:12:30.0	XRT_CTRL_AUTO_413_OG [0x19d] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	03:25:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	03:25:32.0	XRT_FLD_RESET_424_OG [0x1a8] MDP_XRT_FLD_RESET	1	07-F0	da				

2012/09/15	03:25:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/15	03:28:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/15	03:48:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/15	03:49:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	04:58:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	04:58:32.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/15	04:58:34.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/15	05:01:44.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/15	05:26:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/15	05:27:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	05:54:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	05:54:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2012/09/15	05:55:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2012/09/15	05:55:16.0	XRT_FLD_DIS_404_OG [0x194]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2012/09/15	05:55:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2012/09/15	05:55:20.0	XRT_ARS_DIS_406_OG [0x196]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/09/15	05:57:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2012/09/15	05:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	06:04:54.0	XRT_CTRL_MANU_447_OG [0x1bf]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	06:05:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2012/09/15	06:07:26.0	XRT_FOCUS_POSITION_420_OG [0x1a4]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2012/09/15	06:07:46.0	XRT_FLD_ENA_428_OG [0x1ac]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2012/09/15	06:07:48.0	XRT_FLRCTRL_ENA_429_OG [0x1ad]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2012/09/15	06:07:50.0	XRT_AEC_RESET_423_OG [0x1a7]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2012/09/15	06:07:52.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2012/09/15	06:07:54.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/15	06:07:56.0	XRT_QT_PROG_SET_411_OG [0x19b]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2012/09/15	06:07:58.0	XRT_FL_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 10				
2012/09/15	06:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	06:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	06:39:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/15	06:39:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/15	06:42:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/15	07:03:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/15	07:04:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	08:19:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	08:19:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/15	08:19:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/15	08:22:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/15	08:40:30.0	XRT_Custom_434_OG [0x1b2]							
2012/09/15	08:41:30.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	10:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	10:00:02.0	XRT_FLD_RESET_424_OG [0x1a8]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2012/09/15	10:00:04.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2012/09/15	10:03:14.0	XRT_PREFLR_STOP_433_OG [0x1b1]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2012/09/15	10:13:00.0	XRT_Custom_434_OG [0x1b2]							
2012/09/15	10:14:00.0	XRT_CTRL_AUTO_413_OG [0x19d]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2012/09/15	10:32:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2012/09/15	10:33:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				