XRT Timeline to be uploaded on 2011/10/29

Period: 2011/10/29 10:51:00 - 2011/11/03 10:07:00

✲ ✲ ✲ ✲ ✲ Normal mode ✲ ✲ ✲ ✲ ✲

XOB #18BC: AR Standard-A(Filter-Ratio) with PFB, shorter thin-Be, thick Al and Al/Poly context, 512x512 at 1064 1048 (all), 30s cad

Term	Pointing (x, y)	Comment
10/31 09:29:00 - 10/31 13:56:54	Track (671.3, 31.9) @ 10/31 06:08:30	# AR 11330 (HOP-202 officially 14-18UT).
10/31 18:13:00 - 10/31 23:09:54	Fixed (-939.0, -190.0)	# AR on the East Limb.
10/31 23:13:00 - 11/01 05:40:00	Track (775.8, 42.0) @ 10/31 23:10:00	# AR 11330.
11/01 06:29:30 - 11/01 08:45:00	Track (814.1, 46.6) @ 11/01 06:26:30	# AR 11330.

PROG= 05 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 17 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec

Seqn= 53 4-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (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	512x512 (1064, 1048)	Q=95	3	0	2.0sec

Subr= 2 1-time(s) 2.0sec

Seqn= 81 25-time(s) 30.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	512x512 (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	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 #18B8: HOP202 Ti/Poly, thin-Be,512x512 at 1064 1048, 45s cad

Term	Pointing (x, y)	Comment
10/31 14:00:00 - 10/31 17:59:54	Track (671.3, 31.9) @ 10/31 06:08:30	# AR 11330 (HOP-202 officially 14-18UT).

PROG= 02 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec

Seqn= 17 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec

Seqn= 73 2-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec

Seqn= 70 20-time(s) 45.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec

XOB #18AD: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(33/2048) + Thin-Be(12

Term	Pointing (x, y)	Comment
10/31 18:03:00 - 10/31 18:09:54	Fixed (0.0, 0.0)	synoptic
11/01 06:19:30 - 11/01 06:26:24	Fixed (0.0, 0.0)	synoptic, shifted 16.5 min

PROG= 04 1-time(s)

Subr= 1 1-time(s) 12.0sec

Seqn= 7 1-time(s) 4.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	16ms	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= 5 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
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= 8 1-time(s) 4.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	32ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

Seqn= 75 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	thin-Be/Open	close	Safe	Norm	125ms	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= 4 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec

✲ ✲ ✲ ✲ ✲ Flare mode ✲ ✲ ✲ ✲ ✲

XOB #1869: Flare standard obs. multifilter (thin-Be,med-Al,thick-Be 384x384 - Al-poly 512x512 2x2)

Term	Pointing (x, y)	Comment

10/31 09:29:00 - 10/31 13:56:54	Track (671.3, 31.9) @ 10/31 06:08:30	# AR 11330 (HOP-202 officially 14-18UT).
10/31 14:00:00 - 10/31 17:59:54	Track (671.3, 31.9) @ 10/31 06:08:30	# AR 11330 (HOP-202 officially 14-18UT).
10/31 18:13:00 - 10/31 23:09:54	Fixed (-939.0, -190.0)	# AR on the East Limb.
10/31 23:13:00 - 11/01 05:40:00	Track (775.8, 42.0) @ 10/31 23:10:00	# AR 11330.
11/01 06:29:30 - 11/01 08:45:00	Track (814.1, 46.6) @ 11/01 06:26:30	# AR 11330.

PROG= 13 1-time(s)

Subr= 1 4-time(s) 2.0sec

Seqn= 55 45-time(s) 20.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
thin-Be/Open	med-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	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
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec

Seqn= 90 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/G-band	Open/G-band	open	Safe	Norm	63ms	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

Subr= 2 1-time(s) 600.0sec

Seqn= 89 1-time(s) 2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/Ti-poly	Open/thick-Be	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	63ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec

✲ ✲ ✲ ✲ ✲ Active Region Search ✲ ✲ ✲ ✲ ✲

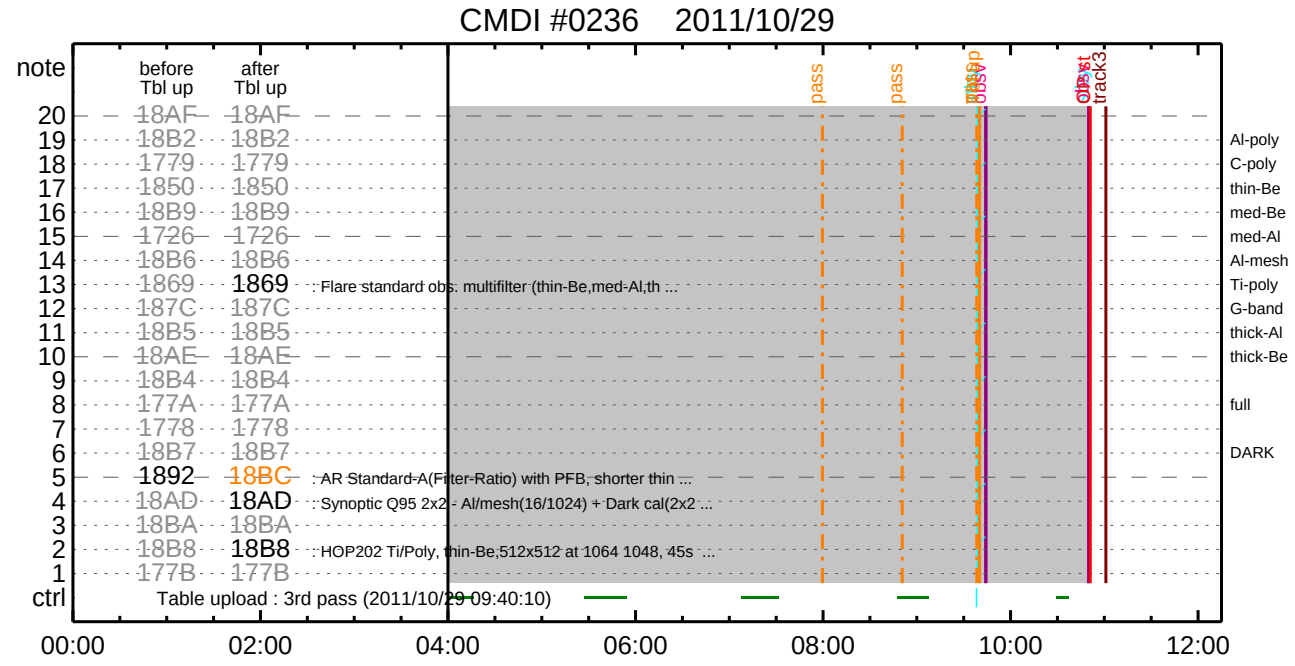
NOT USED

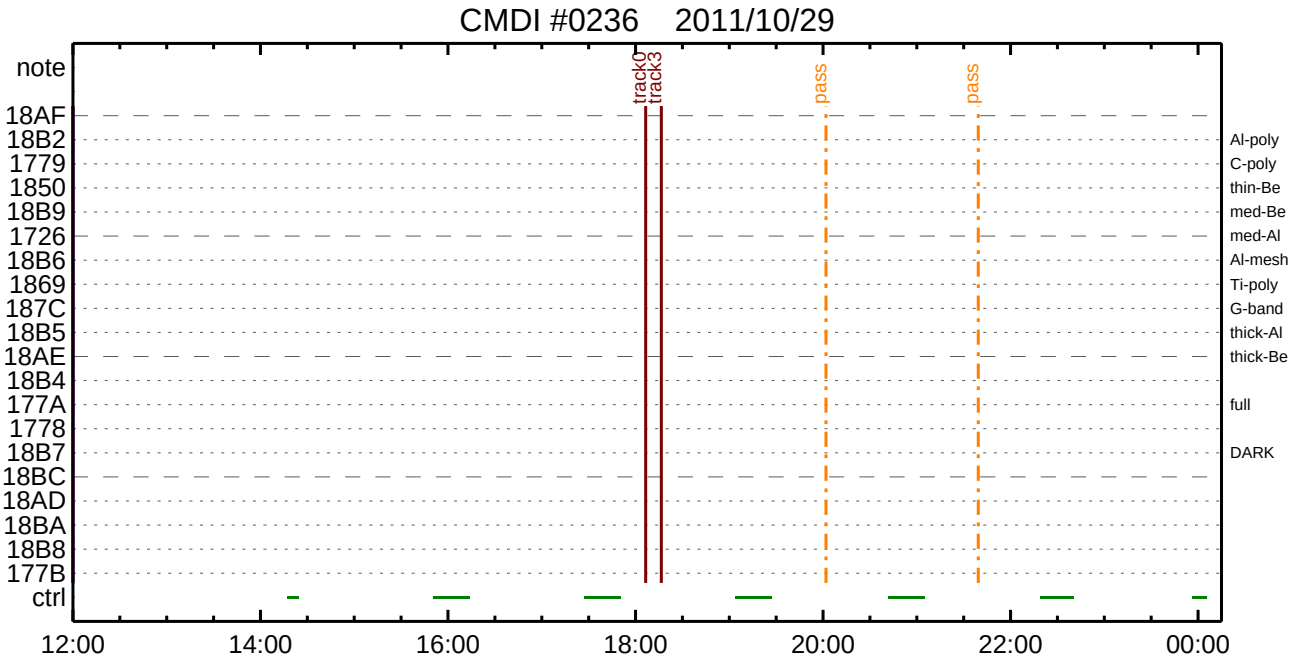
✲ ✲ ✲ ✲ ✲ Flare Detection ✲ ✲ ✲ ✲ ✲

FLD Patrol

Term	Pointing (x, y)	Comment
10/31 18:10:16 - 11/01 06:16:46	Fixed (-939.0, -190.0)	# AR on the East Limb.
11/01 06:26:46 - 11/03 10:07:00	Track (814.1, 46.6) @ 11/01 06:26:30	# AR 11330.

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8		Q=50			30sec


CMDI #0236 2011/10/29
note
before Tbl up
after Tbl up
20 18AF 18AF
19 18B2 18B2
18 1779 1779
17 1850 1850
16 18B9 18B9
15 1726 1726
14 18B6 18B6
13 1869 1869
12 187C 187C
11 18B5 18B5
10 18AE 18AE
9 18B4 18B4
8 177A 177A
7 1778 1778
6 18B7 18B7
5 1892 18BC
4 18AD 18AD
3 18BA 18BA
2 18B8 18B8
1 177B 177B
ctrl
: Flare standard obs. multifilter (thin-Be,med-Al,th ...
: AR Standard-A(Filter-Ratio) with PFB, shorter thin ...
: Synoptic Q95 2x2 - Al/mesh(16/1024) + Dark cal(2x2 ...
: HOP202 Ti/Poly, thin-Be,512x512 at 1064 1048, 45s ...
Table upload : 3rd pass (2011/10/29 09:40:10)
pass
pass
track3
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
02:00
04:00
06:00
08:00
10:00
12:00


CMDI #0236 2011/10/29
note
18AF
18B2
1779
1850
18B9
1726
18B6
1869
187C
18B5
18AE
18B4
177A
1778
18B7
18BC
18AD
18BA
18B8
177B
ctrl
track0
track3
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
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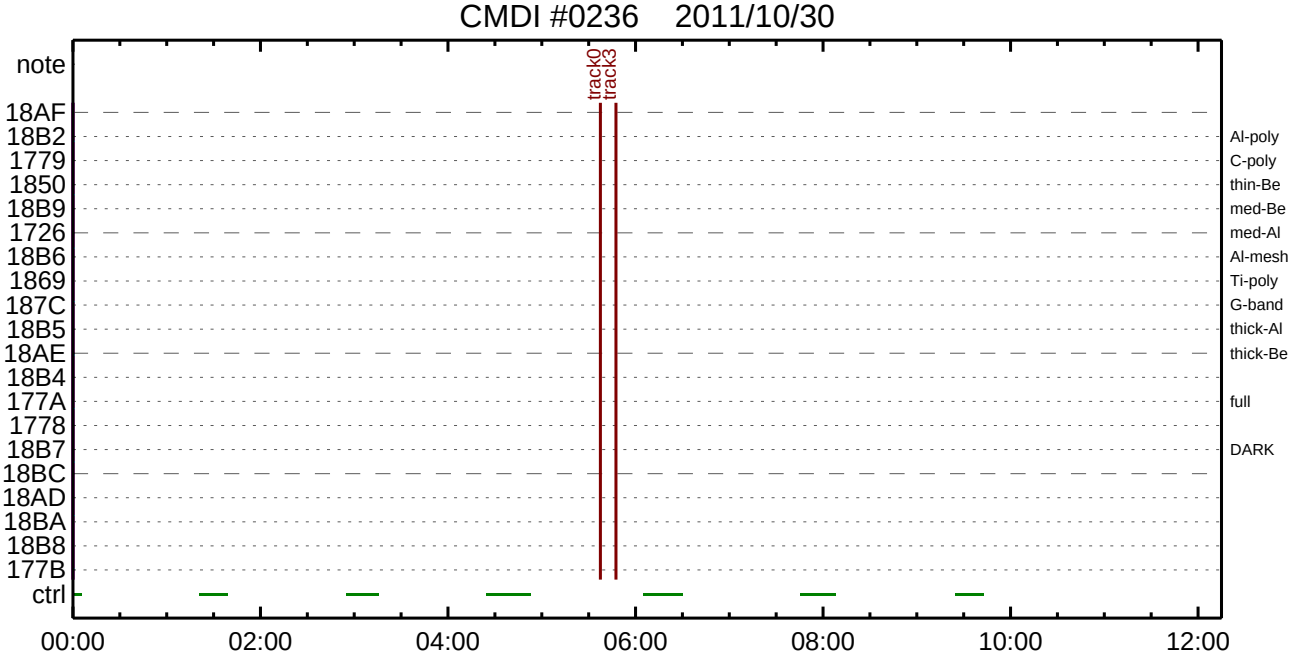
CMDI #0236 2011/10/30
note
18AF
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1850
18B9
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1869
187C
18B5
18AE
18B4
177A
1778
18B7
18BC
18AD
18BA
18B8
177B
ctrl
track0
track3
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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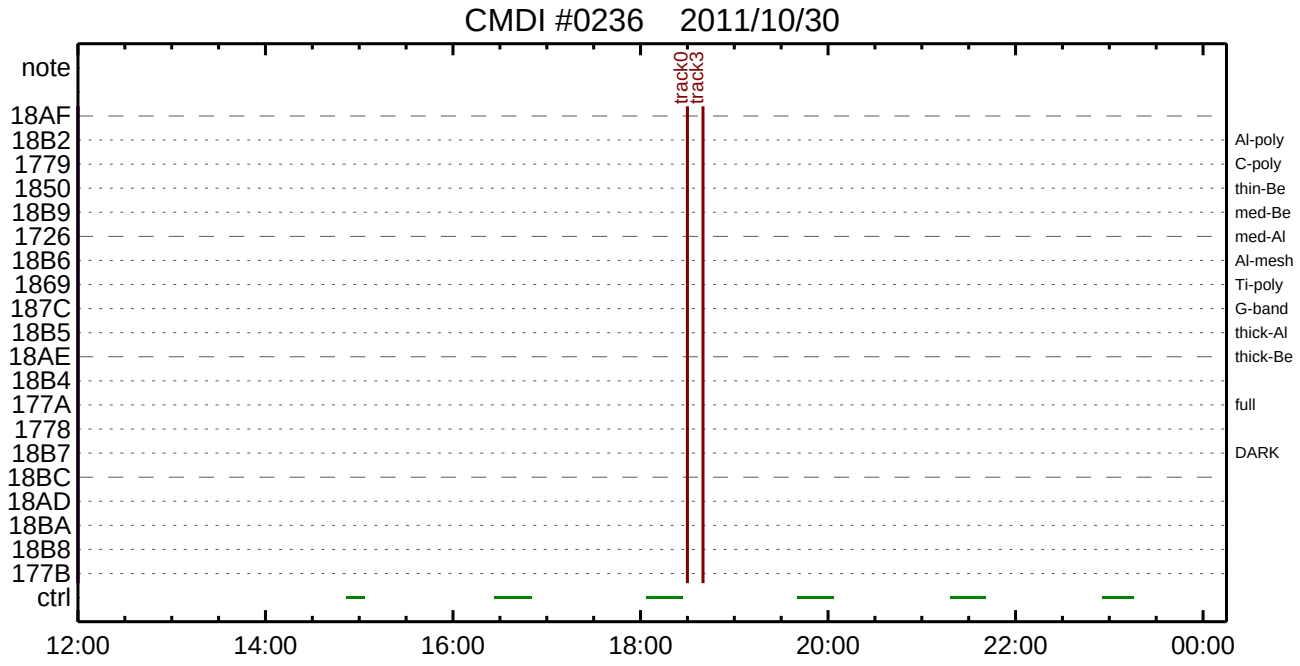
CMDI #0236 2011/10/30
note
18AF
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18B9
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18B6
1869
187C
18B5
18AE
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177A
1778
18B7
18BC
18AD
18BA
18B8
177B
ctrl
track0
track3
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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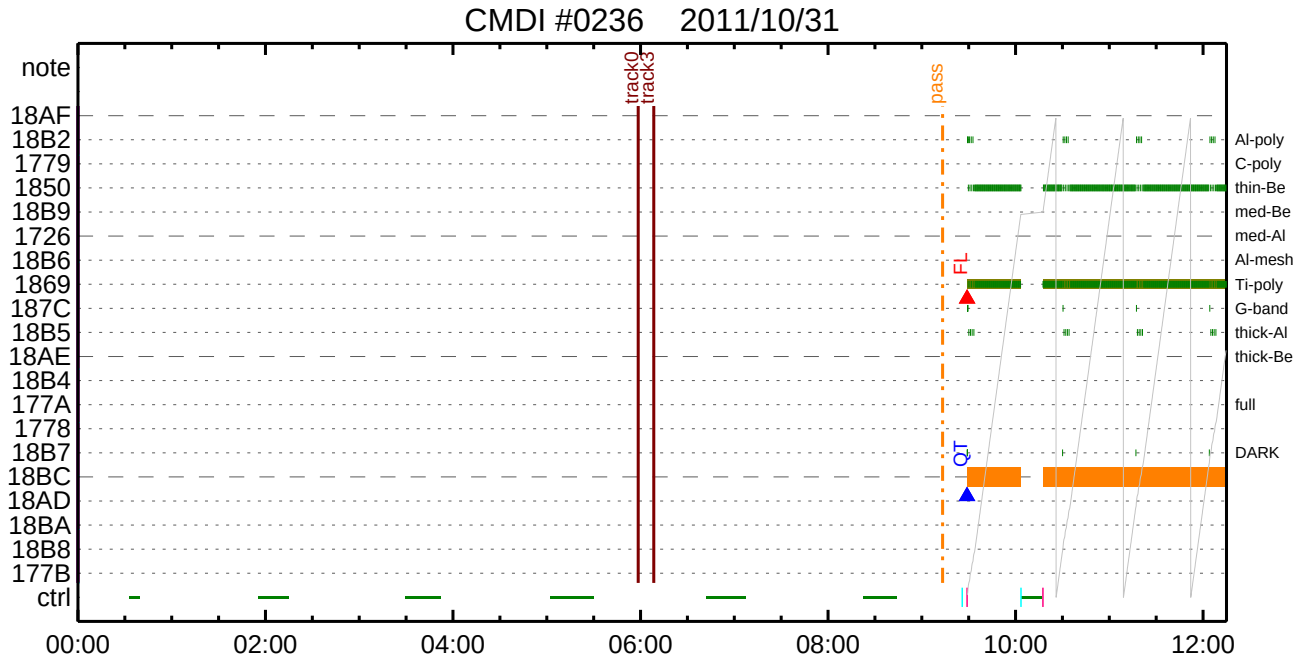
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note
18AF
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18B9
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1869
187C
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18AE
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177A
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18B7
18BC
18AD
18BA
18B8
177B
ctrl
track0
track3
pass
FL
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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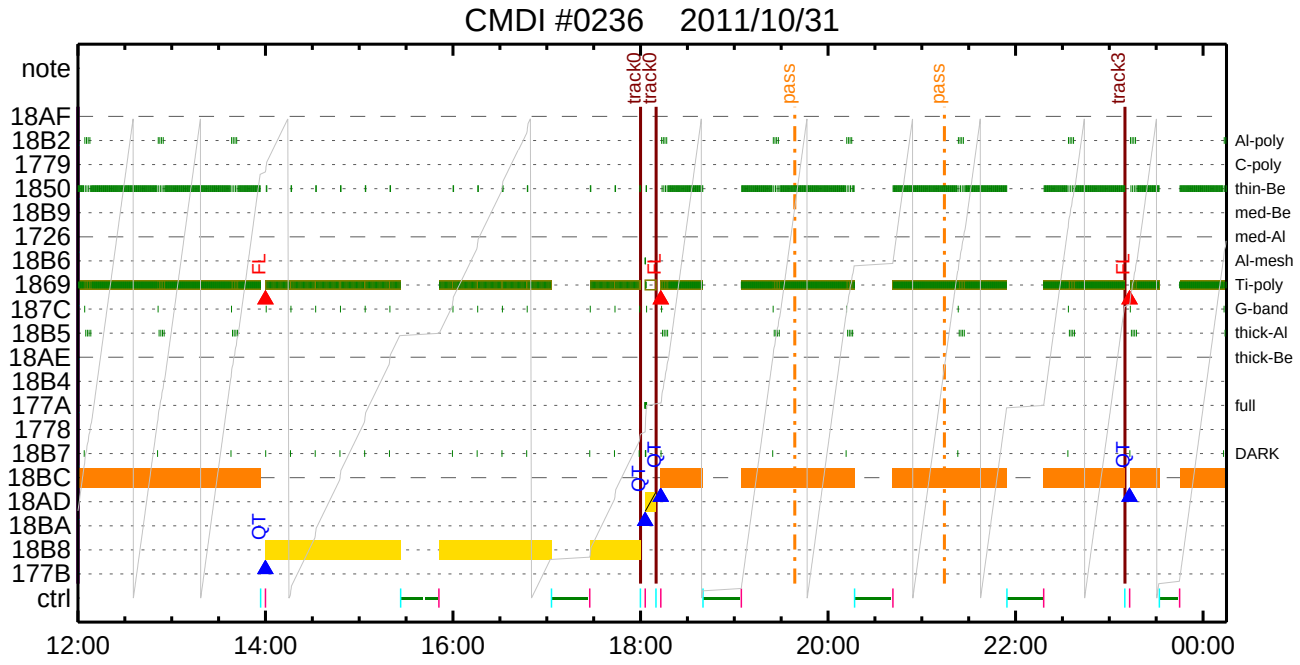
CMDI #0236 2011/10/31
note
18AF
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1726
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1869
187C
18B5
18AE
18B4
177A
1778
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18BC
18AD
18BA
18B8
177B
ctrl
track0
track0
pass
pass
track3
FL
FL
FL
QT
QT
QT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
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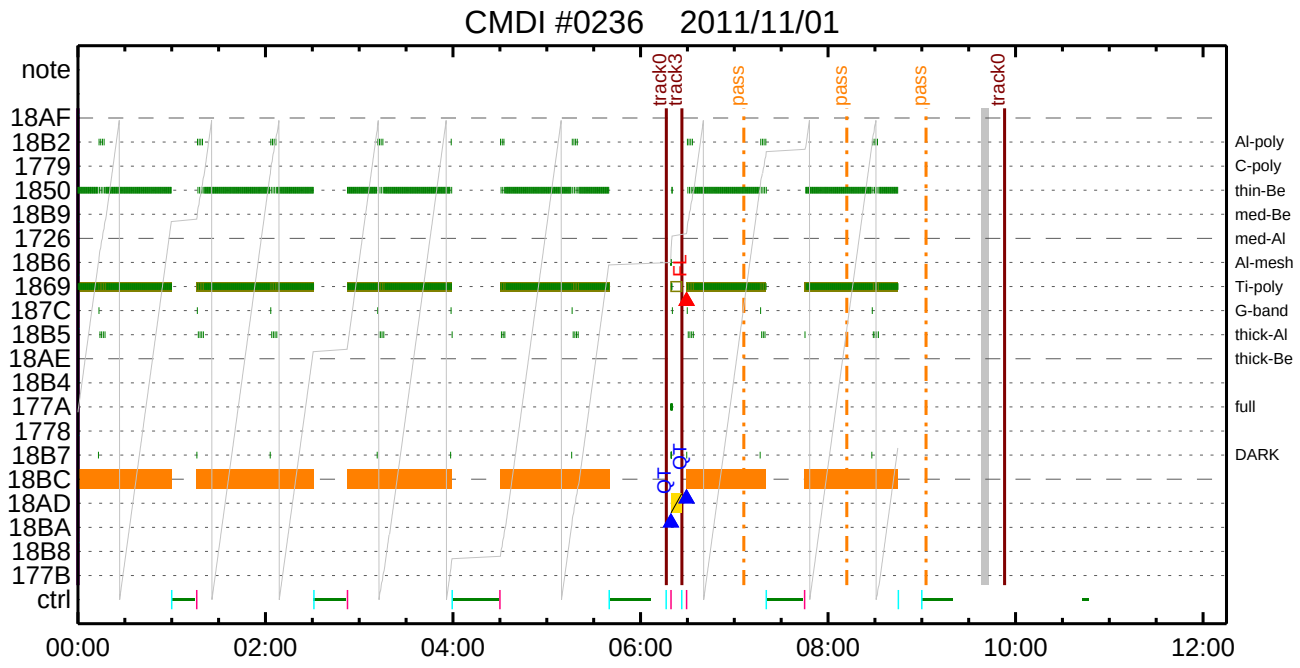
CMDI #0236 2011/11/01
note
18AF
18B2
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18B9
1726
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1869
187C
18B5
18AE
18B4
177A
1778
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18BC
18AD
18BA
18B8
177B
ctrl
track0
track3
pass
pass
pass
track0
FL
OUT
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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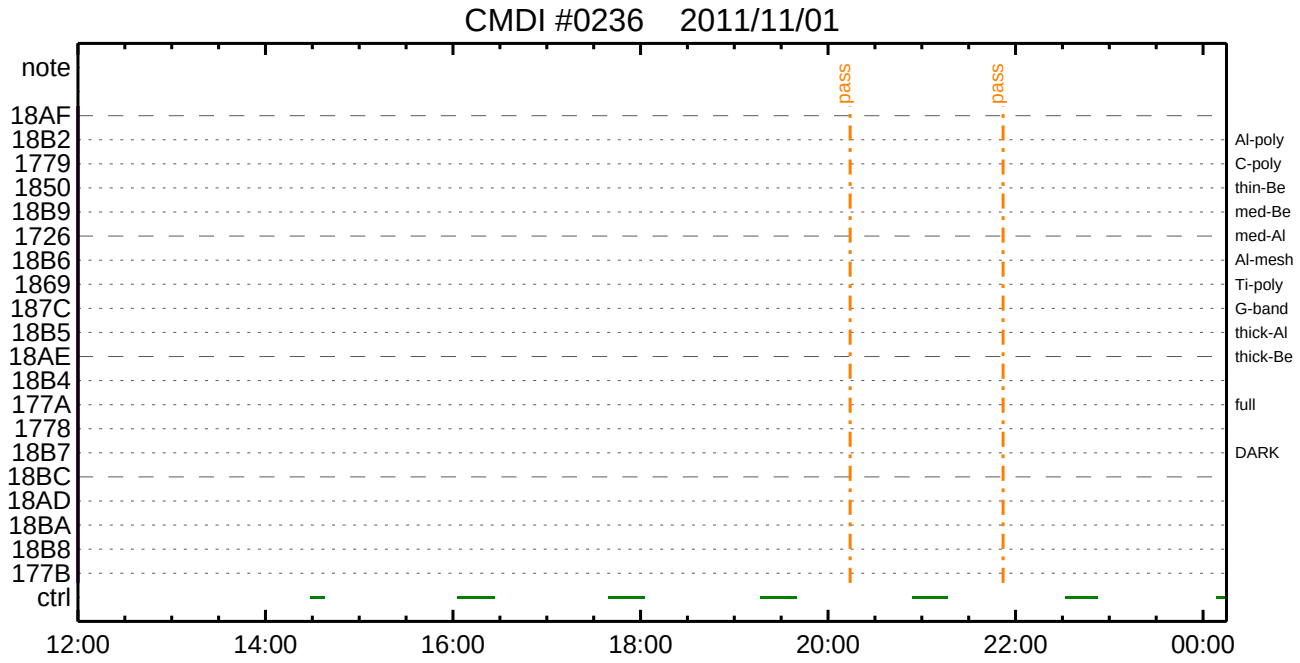
CMDI #0236 2011/11/01
note
18AF
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18B9
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1869
187C
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18AE
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177A
1778
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18BC
18AD
18BA
18B8
177B
ctrl
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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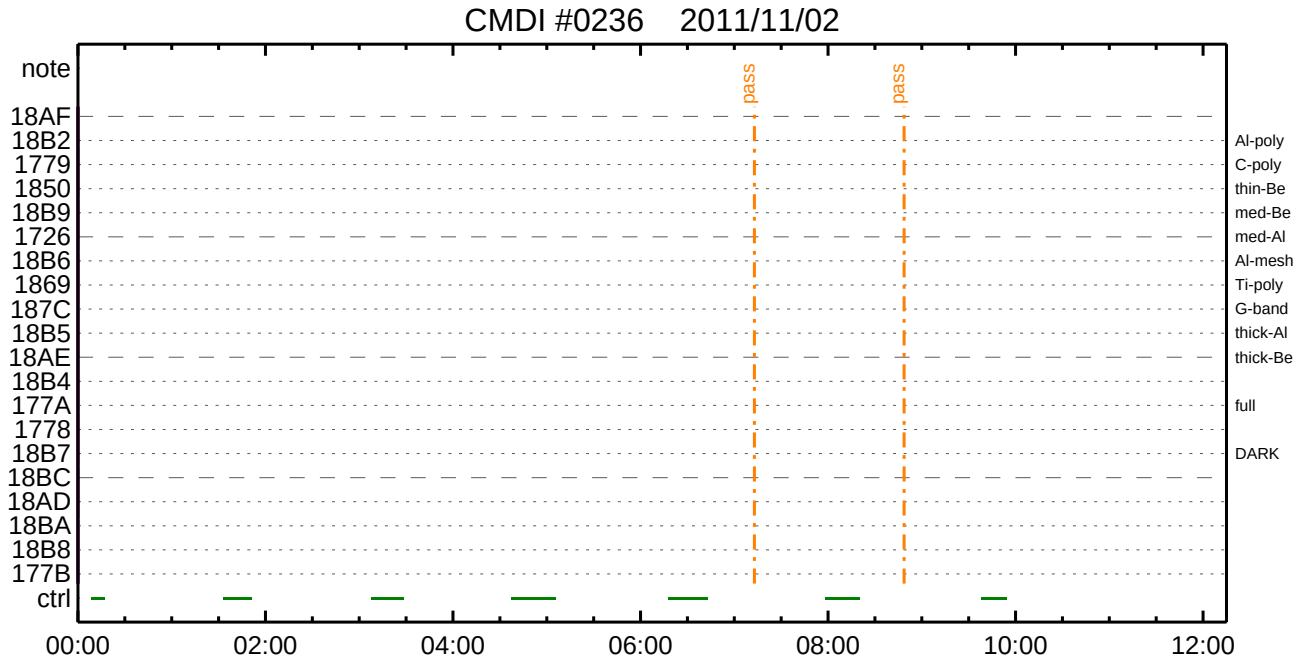
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note
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18AE
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18BC
18AD
18BA
18B8
177B
ctrl
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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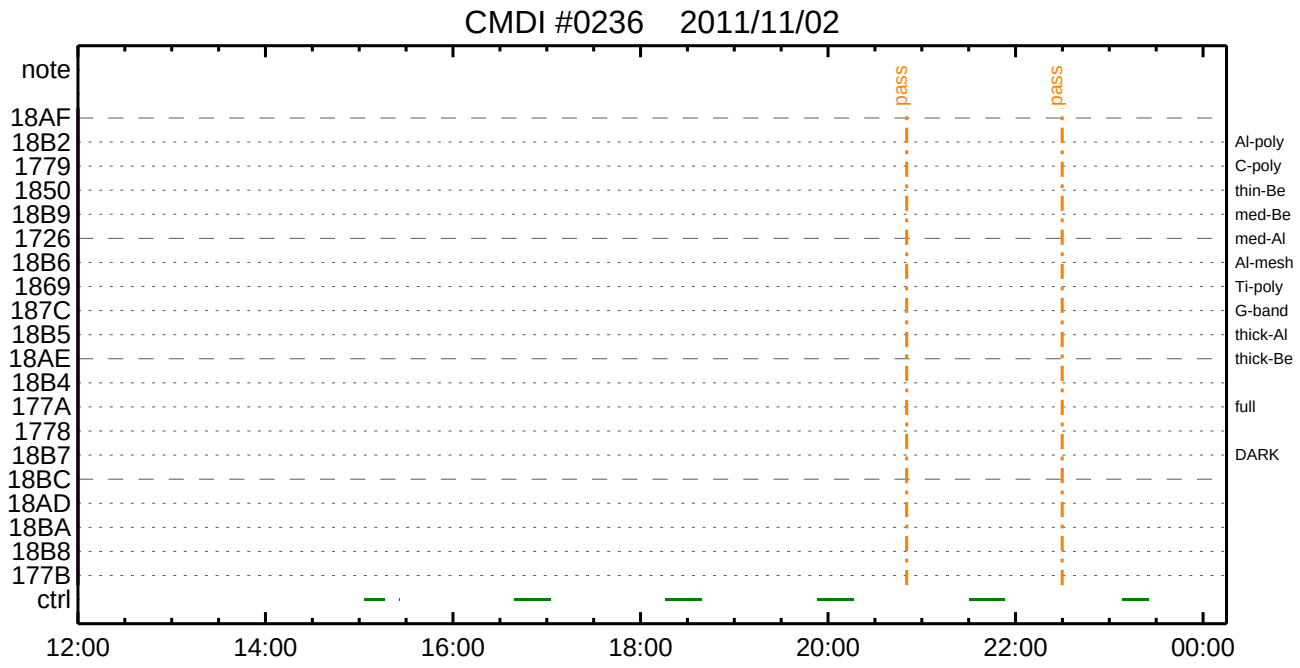
CMDI #0236 2011/11/02
note
18AF
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18B9
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1869
187C
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18AE
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177A
1778
18B7
18BC
18AD
18BA
18B8
177B
ctrl
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
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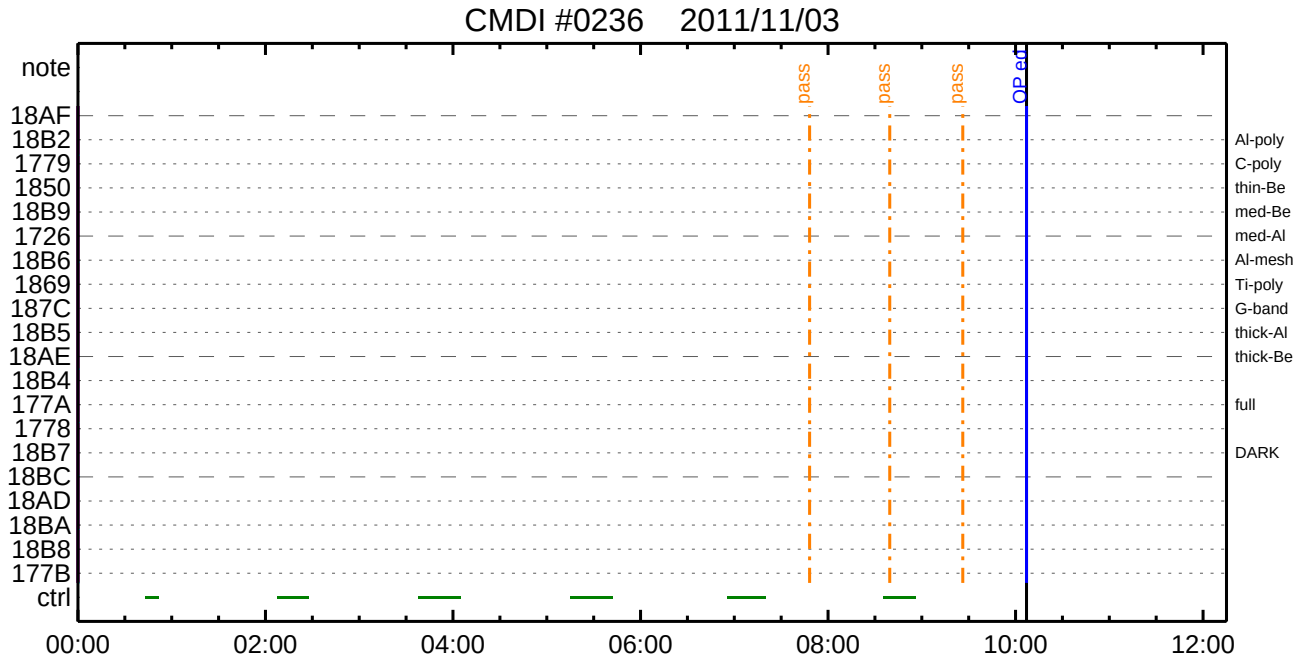
CMDI #0236 2011/11/03
note
18AF
18B2
1779
1850
18B9
1726
18B6
1869
187C
18B5
18AE
18B4
177A
1778
18B7
18BC
18AD
18BA
18B8
177B
ctrl
pass
pass
pass
OP end
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
00:00
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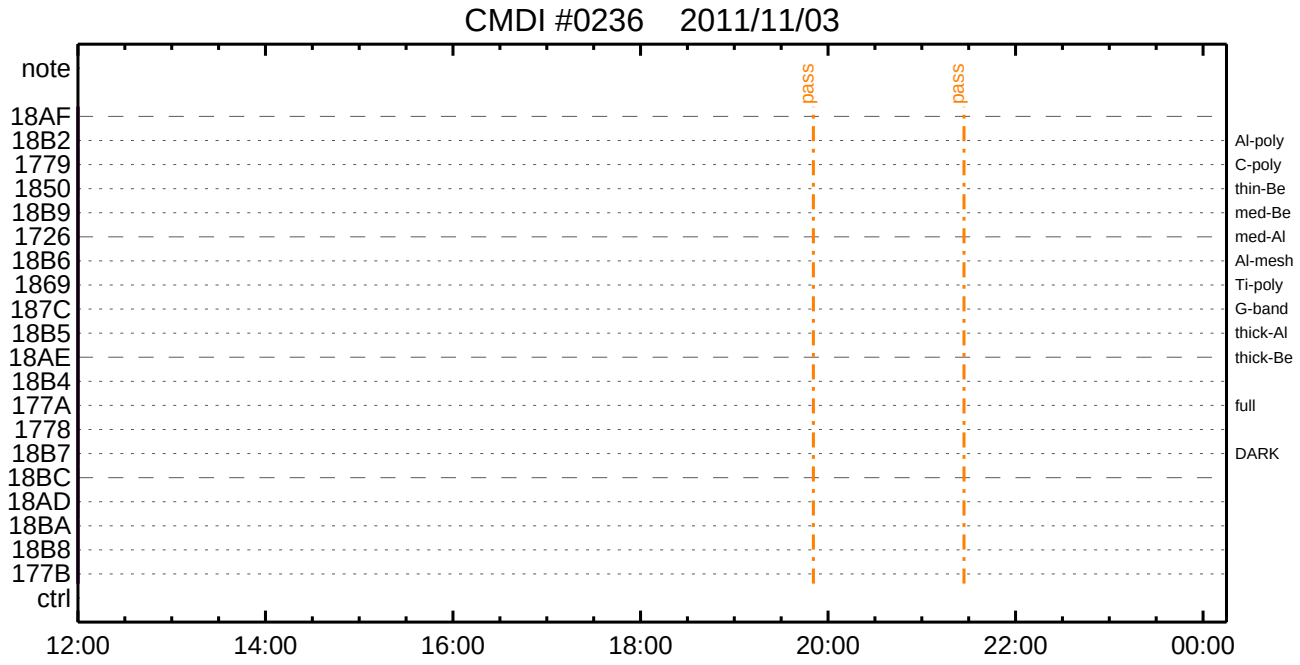
08:00
10:00
12:00


CMDI #0236 2011/11/03
note
18AF
18B2
1779
1850
18B9
1726
18B6
1869
187C
18B5
18AE
18B4
177A
1778
18B7
18BC
18AD
18BA
18B8
177B
ctrl
pass
pass
Al-poly
C-poly
thin-Be
med-Be
med-Al
Al-mesh
Ti-poly
G-band
thick-Al
thick-Be
full
DARK
12:00
14:00
16:00
18:00
20:00
22:00
00:00

```
(a) Spacecraft Operation Procedure (real-commands)

main-427 2011-10-29 12:42:08 289 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007   +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ËËè½µ•îÍË¡Ë¤Ë¼ºÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011   +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014   . C. ****************************
0015     C. XÁ÷¿®µ¡ON
0016     C. ****************************
0017     C. ¢¨ ºÆÀ¸ Í×ÈÝ¤äLOS¤Þ¤ÇºÎ»Þ´Ö¤ò¹ÍÎ¸ ¤•¡¢ÉÔÍ×¤ÊXÂÓON¤Ï¹Ô¤Ê¤ï¤Ê¤¤¤³¤È¡£
0018     C.
0019   +. DC 03-B4 TCIA_XPA_ON/HI
0020     M. WAIT_SEC   1
0021   +  DC 03-84 TCIA_XMOD_ON
0022     M. WAIT_SEC   1
0023   +  DC 03-95 TCIA_XMOD_QPSK
0024     C.                      ¢¢[HK1_XPA_ON/OFF]              EQ     ON
0025     C.                      ¢¢[HK1_XPA_PWR_HI/LO]           EQ     HI
0026     C.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     ON
0027     C.                      ¢¢[HK1_XMOD_QPSK/PM]            EQ     QPSK
0028     C.
0029   . C. X¥Ð¥ó¥É¥í¥Ã¥¯¾õÂÖ¤¬°ÂÄê¤•¤¿¤é¡¢°Ê²¼¤ÎºÆÀ¸ ¼ê½ç¤ò¼Â¹Ô¤¹¤ë¡£
0030     C.
0031   . C. ***************
0032     C. DR PT1 ÄÌ¾ïºÆÀ¸
0033     C. ***************
0034     C. ¢¨ RESTART¡ÊPT1¡Ë¤•¤¿¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤º¡¢¢DCBC-150¤Ø¿Ê¤à¡£
0035     C.
0036   . C. ¡ãPT1ºÆÀ¸ ³«»Ï¡ä
0037   +. DC 01-29 DHU_S/X_VC4_OFF
0038   +  DC 06-C8 DR_PT1_REP_SEL
0039     BC       (01 00)
0040   +  DC 06-B3 DR_REP_START
0041   +  DC 01-32 DHU_X_VC4_ON
0042     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0043     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0044     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0045     C.
0046   . C. ¡ã¥¢¥ó¥Æ¥ÈÀÚÂØ¡ÊÅ•Äº²óÈò¡Ë¸å¤ÎºÆÀ¸ ºÆ³«¡ä
0047   +. DC 06-B3 DR_REP_START
0048   +  DC 01-32 DHU_X_VC4_ON
0049     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0050     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0051     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0052     C.
0053     C.
0054   . C. PT1ºÆÀ¸ ¤¬¼«Æ°Ää»ß¤•¤¿¸å¡¢¢Ê²¼¤ò¼Â¹Ô¤¹¤ë¡£
0055     C. ¥¢¥ó¥Æ¥ÈÀÚÂØ¤äÅ•Äº²óÈò¤¬¶á¤¤¾ì¹ç¤Ï´°Î»¤¹¤ë¤Þ¤ÇÂÔ¤Ä¡£
0056     C.
0057   . C. ***************
0058     C. DR PT2 ÄÌ¾ïºÆÀ¸
0059     C. ***************
0060     C. ¢¨ RESTART¡ÊPT2¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤º¡¢¢DCBC-151¤Ø¿Ê¤à¡£
0061     C.
0062   . C. ¡ãPT2ºÆÀ¸ ³«»Ï¡ä
0063   +. DC 01-29 DHU_S/X_VC4_OFF
0064   +  DC 06-C8 DR_PT2_REP_SEL
0065     BC       (02 00)
0066   +  DC 06-B3 DR_REP_START
0067   +  DC 01-32 DHU_X_VC4_ON
0068     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0069     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0070     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0071     C.
0072   . C. ¡ã¥¢¥ó¥Æ¥ÈÀÚÂØ¡ÊÅ•Äº²óÈò¡Ë¸å¤ÎºÆÀ¸ ºÆ³«¡ä
0073   +. DC 06-B3 DR_REP_START
0074   +  DC 01-32 DHU_X_VC4_ON
0075     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0076     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0077     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0078     C.
0079   . C. ****************************
0080     C. DRºÆÀ¸ Ää»ß¡¢XÁ÷¿®µ¡OFF
0081     C. ****************************
0082     C.
0083   . C. ¡ãDRºÆÀ¸ Ää»ß¡ä
0084   +. DC 06-B4 DR_REP_STOP
0085   +  DC 01-29 DHU_S/X_VC4_OFF
0086     C.                      ¢¢[HK1_REP_STA/STP]             EQ     STOP
0087     C.                      ¢¢[HK1_S_VC4_ON/OFF]            EQ     OFF
0088     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     OFF
0089     C.
0090   . C. ¡ãXÁ÷¿®µ¡OFF¡ä
0091   +. DC 03-85 TCIA_XMOD_OFF
0092     M. WAIT_SEC   1
0093   +  DC 03-B5 TCIA_XPA_OFF
0094     C.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     OFF
0095     C.                      ¢¢[HK1_XPA_ON/OFF]              EQ     OFF
```

```
0096     C.
0097     C.
0098   . C. ****************************
0099     C. OP/OG¥í¡¼¥É¡¦¥À¥ó¥×
0100     C. ****************************
0101     C.
0102   . C. ¡ãOP/OG¥í¡¼¥É¡ä
0103   . S. OP    op-427:OP
0104     ()
0105   . S. OG    og-427:OG
0106     ()
0107     C.
0108   . C. ¡ãNMOG&OPÎÎ°è¥À¥ó¥×¡ä
0109     C. NMOG(0x200000-0x207FFF¡§ 32 kbyte)
0110   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111     BC       (20 00 7f 01 02)
0112     C.                       ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     40
0113     C.                       ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0114     C.                       ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0115     C.                       ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0116     C.                       ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0117   +. DC 01-22 DHU_MODE_CHNG
0118     BC       (07 0b f8)
0119     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     7
0120     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0121     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0122     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0123     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0124   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0125     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0126   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0127     C.
0128     C. NMOG(0x208000-0x20FFFF¡§ 32 kbyte)
0129   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130     BC       (20 80 7f 01 02)
0131     C.                       ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     41
0132     C.                       ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0133     C.                       ¢¢[HK1_DMP_BLOCK_NUM]           EQ     127
0134     C.                       ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0135     C.                       ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0136   +. DC 01-22 DHU_MODE_CHNG
0137     BC       (07 0b f8)
0138     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     7
0139     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0140     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0141     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0142     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0143   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0144     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0145   . C. RAM ID=NMOG¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0146     C.
0147     C. NMOG(0x210000-0x2100FF¡§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149     BC       (21 00 41 01 02)
0150     C.                       ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     42
0151     C.                       ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     0
0152     C.                       ¢¢[HK1_DMP_BLOCK_NUM]           EQ     65
0153     C.                       ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0154     C.                       ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0155   +. DC 01-22 DHU_MODE_CHNG
0156     BC       (07 0b f8)
0157     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     7
0158     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0159     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0160     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0161     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0162   . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0163     C.                       ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0164   . C. RAM ID=NMOG,RAM ID=OP¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0165     C.
0166   . C. ***** °Ê²¼¤Ï¾Ã´¶Á°¤ËÉ¬¤ºÁ÷¿® (¾åµ-¥À¥ó¥×¼ê½ç¤òÅÓÃæ¤Ç½ª¤¨¤ë¾ì¹ç¤Ç¤â) *****
0167     C. DHU¥â¡¼¥É¡Ê¼ý¸¸¥ì¡¼¥È¡Ë¤òÌá¤¹
0168   +. DC 01-22 DHU_MODE_CHNG
0169     BC       (02 0a f8)
0170     C.                       ¢¢[HK1_PKT_FORM_NO]             EQ     2
0171     C.                       ¢¢[HK1_PKT_GEN_TIME]            EQ     0.5S
0172     C.                       ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32K
0173     C.                       ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0174     C.
0175   . C. ********************************
0176     C. TI-CMD SET (OPOG STOP/COPY/START)
0177     C. ********************************
0178     C.
0179   . C. NOTICE ¡§ OPOG UPLOAD¤¬Á÷¿®NG¤Î¾ì¹ç¡¢°Ê²¼¤ÎTI-CMDÁ÷¿®¤Ï¼Â¹Ô¤•¤Ê¤¤¤³¤È¡£
0180     C.           ¤Þ¤¿¡¢SET¤ÈDUMP¤ÏÆ±°ì¥Ñ¥¿¼Ç¹Ô¤¦¤³¤È¡£
0181     C.
0182   . C. TI¥³¥Þ¥ó¥É¤òÅÐÏ¿(UT)
0183   +. TI 2011-10-29 10:46:00.0
0184     DC 01-B3 DHU_OP_STOP
0185     C.                       ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0186     C.
0187   +. TI 2011-10-29 10:46:01.0
0188     DC 01-B4 DHU_OP_COPY
0189     C.                       ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0190     C.
0191   +. TI 2011-10-29 10:46:01.0
0192     DC 01-B5 DHU_OPOG_COPY
0193     C.                       ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
```

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0194     C.
0195   +. TI 2011-10-29 10:50:59.5
0196     DC 01-B2 DHU_OP_START
0197     C.                      ¢¢[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0198     C.
0199     C. °Ê²¼¤ÏÄê¾ïÍÑ¤Î¥Á¥§¥Ã¥¯¹àÌÜ
0200     C.                      ¢¢[HK1_TI_CMD_ENA/DIS]          EQ     ENA
0201     C.                      ¢¢[HK1_TI_CMD_NUM]              EQ     4
0202     C.                      ¢¢[HK1_NEXT_EXEC_PIM]           EQ     DHU
0203     C.                      ¢¢[HK1_NEXT_EXEC_DC]            EQ     0xB3
0204     C.
0205    . C. ****************************
0206     C. TIÎÎ°è¥À¥ó¥×
0207     C. ****************************
0208     C.
0209     C. TI_TBL(0x03AB00-0x03AEFF¡§ 1024byte)
0210   +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211     BC       (03 ab 03 01 02)
0212     C.                      ¢¢[HK1_DMP_TOP_ADRS_1]          EQ     07
0213     C.                      ¢¢[HK1_DMP_TOP_ADRS_0]          EQ     2B
0214     C.                      ¢¢[HK1_DMP_BLOCK_NUM]           EQ     3
0215     C.                      ¢¢[HK1_DMP_REPEAT_NUM]          EQ     0
0216     C.                      ¢¢[HK1_DMA_DMP_PIM]             EQ     DHU
0217   +. DC 01-22 DHU_MODE_CHNG
0218     BC       (07 0b f8)
0219     C.                      ¢¢[HK1_PKT_FORM_NO]             EQ     7
0220     C.                      ¢¢[HK1_PKT_GEN_TIME]            EQ     0.25 s
0221     C.                      ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32k
0222     C.                      ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0223     C.                      ¢¢[HK1_DMP_CHK_FLG]             EQ     EXEC
0224     C.
0225    . C. ¥À¥ó¥×½ªÎ»¤ò³ÎÇ§
0226     C.                      ¢¢[HK1_DMP_CHK_FLG]             EQ     NON
0227     C.
0228    . C. RAM ID=TI_TBL¤Î¾È¹ç•ë²ÌOK¤ò³ÎÇ§
0229     C.
0230    . C. DHU¥â¡¼¥É¡Ê¼ý½¸¥ì¡¼¥È¡Ë¤òÌá¤¹
0231   +. DC 01-22 DHU_MODE_CHNG
0232     BC       (02 0a f8)
0233     C.                      ¢¢[HK1_PKT_FORM_NO]             EQ     2
0234     C.                      ¢¢[HK1_PKT_GEN_TIME]            EQ     0.5S
0235     C.                      ¢¢[HK1_S_TLM_BIT_RATE]          EQ     32K
0236     C.                      ¢¢[HK1_X_TLM_BIT_RATE]          EQ     4M
0237     C.
0238    . C. Stop EIS observation and temporarily disable EIS mode changes
0239     C.
0240     C.
0241     C. ********** Start EIS operation (TI set) **********
0242     C. Execute, after the success of OP upload.
0243     C. Set EIS TI-commands
0244   +. TI 2011-10-29 10:50:30.0
0245     DC 07-FC EIS_MODE_MANU
0246     BC       (21 02)
0247   +. TI 2011-10-29 10:50:40.0
0248     DC 07-FC EIS_MODE_CHG_DIS
0249     BC       (22)
0250    . C.                      [   ]  [HK1_TI_CMD_NUM]     EQ    2 COUNTUP
0251     C. *********** End EIS operation (TI set) ***********
0252     C.
0253     C.
0254     C. ********************************
0255     C.  SOT TI command set
0256     C. ********************************
0257     C. Execute, after the success of OP upload.
0258   +. TI 2011-10-29 10:50:16.0
0259     DC 07-F0 MDP_SOT_MODE_STBY
0260     BC       (41)
0261    . C. ------------------------------------
0262     C.   HK1_TI_CMD_NUM       = 1 CNTUP [ ]
0263     C. ------------------------------------
0264     C. ************ SOT END ***********
0265     C.
0266     C. ************ XRT START ***********
0267     C. Execute, after the success of OP upload.
0268   +. TI 2011-10-29 10:50:00.0
0269     DC 07-F0 MDP_XRT_MODE_STBY
0270     BC       (c3)
0271    . C.                      [   ]  [HK1_TI_CMD_NUM]     EQ    1COUNTUP
0272     C.
0273     C. ************ XRT END ***********
0274     C.
0275    . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0276     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0277    . S. DC-BC dcbc-402:DCBC
0278     (MDP_known_event)
0279     C.
0280     C.
0281    . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0282    . S. DC-BC dcbc-153:DCBC
0283     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284     C.
0285     C.
0286    . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0287     C.
0288    . C. *********** LOS ***********
0289     C.
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(a) Spacecraft Operation Procedure (real-commands)

main-428 2011-10-29 12:42:08 82 33 SOLAR-B MAIN //
0001     C.
0002    . C. *********** AOS ***********
0003     C.
0004    . C. ¡ãAOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007   +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009    . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ÊËè½µ•îÍË¡Ë¤Ë¼ºÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011   +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014    . C. ***** AOCS Commands (Tracking Curve Upload) ******
0015     C. Upload the Orbit Element and the Target Attitude
0016     C. RAM-ID:TARGET_ATT
0017    . S. RAM   ram-150:TARGET_ATT
0018     ()
0019     C.
0020     C.
0021     C. Set the dump memory area of TARGET_ATT
0022   +. DC 02-48 AOCU_DUMP_SET
0023     BC       (07 00 00 00 18 00)
0024     C.
0025     C.    <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026     C.
0027     C.
0028     C. Change the TLMFormatNo for the AOCS Dump Format
0029   +. DC 01-22 DHU_MODE_CHNG
0030     BC       (04 0b f8)
0031     C.
0032     C. Wait for AOCSDUMP to end
0033     C.
0034    . C. Check the dump memory
0035     C.
0036     C.                                      Result = OK [ ]
0037     C.
0038   +. DC 01-22 DHU_MODE_CHNG
0039     BC       (02 0a f8)
0040     C.
0041     C.                          <A_***>[TLM STS] FMT = 2 [ ]
0042     C.
0043   +. DC 02-8E AOCU_ORB_UPD
0044    . C.
0045    . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046   +. DC 07-FC EIS_MODE_MANU
0047     BC       (21 02)
0048    . C. Verify EIS in MANUAL mode
0049    . C. Estimated OBSTBL upload time is 19s
0050     C. ********************************
0051     C. EIS START OBSTBL LOAD
0052     C. ********************************
0053    . S. RAM   ram-820:EIS_OBSTBL
0054     ()
0055   +. DC 07-FC EIS_DUMP_OBSTBL
0056     BC       (07 07 07 00 00 70 00)
0057     C.
0058     C. Execute, after the success of OBSTBL upload.
0059     C. Set EIS TI-commands
0060   +. TI 2011-10-29 10:50:50.0
0061     DC 07-FC EIS_MODE_CHG_ENA
0062     BC       (20)
0063    . C.                      [   ]  [HK1_TI_CMD_NUM]     EQ    1 COUNTUP
0064     C. ********************************
0065     C. EIS END OBSTBL LOAD
0066     C. ********************************
0067     C.
0068    . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0069     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0070    . S. DC-BC dcbc-402:DCBC
0071     (MDP_known_event)
0072     C.
0073     C.
0074    . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0075    . S. DC-BC dcbc-153:DCBC
0076     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0077     C.
0078     C.
0079    . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0080     C.
0081    . C. *********** LOS ***********
0082     C.
```

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(a) Spacecraft Operation Procedure (real-commands)

main-429 2011-10-29 12:42:09 208 33 SOLAR-B MAIN //
0001     C.
0002   . C. *********** AOS ***********
0003     C.
0004   . C. ¡ãAOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0005     C.
0006     C. ¥À¥ß¡¼¥³¥Þ¥ó¥ÉÁ÷¿®
0007   +. DC 00-00 NULL_DUMMY_CMD
0008     C.
0009   . C. ***** AOCS : Reload orbital element (send every contact) *****
0010     C.  Ãí¡Ë¤¿¤À¤•µ°Æ»Í×ÁÇ¤Î¥¢¥Ã¥×¥í¡¼¥É¡ËËè½µ•îÍË¡Ë¤Ë¼ºÇÔ¤•¤¿¾ì¹ç¤Ï¡¢À®¸ù¤¹¤ë¤Þ¤ÇÁ÷¿®¤•¤Ê¤¤¤³¤È¡£
0011   +. DC 02-8E AOCU_ORB_UPD
0012     C.
0013     C.
0014   . C. ****************************
0015     C. XÁ÷¿®µ¡ON
0016     C. ****************************
0017     C. ¢¨ ºÆÀ¸ Í×ÈÝ¤äLOS¤Þ¤ÇºÎ»Þ´Ö¤ò¹ÍÎ¸ ¤•¡¢ÉÔÍ×¤ÊXÂÓON¤Ï¹Ô¤Ê¤ï¤Ê¤¤¤³¤È¡£
0018     C.
0019   +. DC 03-B4 TCIA_XPA_ON/HI
0020     M. WAIT_SEC   1
0021   +  DC 03-84 TCIA_XMOD_ON
0022     M. WAIT_SEC   1
0023   +  DC 03-95 TCIA_XMOD_QPSK
0024     C.                      ¢¢[HK1_XPA_ON/OFF]              EQ     ON
0025     C.                      ¢¢[HK1_XPA_PWR_HI/LO]           EQ     HI
0026     C.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     ON
0027     C.                      ¢¢[HK1_XMOD_QPSK/PM]            EQ     QPSK
0028     C.
0029   . C. X¥Ð¥ó¥É¥í¥Ã¥¯¾õÂÖ¤¬°ÂÄê¤•¤¿¤é¡¢°Ê²¼¤ÎºÆÀ¸ ¼ê½ç¤ò¼Â¹Ô¤¹¤ë¡£
0030     C.
0031   . C. ***************
0032     C. DR PT1 ÄÌ¾ïºÆÀ¸
0033     C. ***************
0034     C. ¢¨ RESTART¡ÊPT1¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤º¡¢DCBC-150¤Ø¿Ê¤à¡£
0035     C.
0036   . C. ¡ãPT1ºÆÀ¸ ³«»Ï¡ä
0037   +. DC 01-29 DHU_S/X_VC4_OFF
0038   +  DC 06-C8 DR_PT1_REP_SEL
0039     BC       (01 00)
0040   +  DC 06-B3 DR_REP_START
0041   +  DC 01-32 DHU_X_VC4_ON
0042     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0043     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0044     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0045     C.
0046   . C. ¡ã¥¢¥ó¥Æ¥ÈÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤ÎºÆÀ¸ ºÆ³«¡ä
0047   +. DC 06-B3 DR_REP_START
0048   +  DC 01-32 DHU_X_VC4_ON
0049     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT1    (¼Â¹Ô¸¡¾Ú)
0050     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0051     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0052     C.
0053     C.
0054   . C. PT1ºÆÀ¸ ¤¬¼«Æ°Ää»ß¤•¤¿¸å¡¢°Ê²¼¤ò¼Â¹Ô¤¹¤ë¡£
0055     C. ¥¢¥ó¥Æ¥ÈÀÚÂØ¤äÅ•Ä°²óÈò¤¬¶á¤¤¾ì¹ç¤Ï´°Î»¤¹¤ë¤Þ¤ÇÂÔ¤Ä¡£
0056     C.
0057   . C. ***************
0058     C. DR PT2 ÄÌ¾ïºÆÀ¸
0059     C. ***************
0060     C. ¢¨ RESTART¡ÊPT2¡Ë¤•¤¿¤¤¾ì¹ç¤Ï¡¢°Ê²¼¤Ï¼Â¹Ô¤»¤º¡¢DCBC-151¤Ø¿Ê¤à¡£
0061     C.
0062   . C. ¡ãPT2ºÆÀ¸ ³«»Ï¡ä
0063   +. DC 01-29 DHU_S/X_VC4_OFF
0064   +  DC 06-C8 DR_PT2_REP_SEL
0065     BC       (02 00)
0066   +  DC 06-B3 DR_REP_START
0067   +  DC 01-32 DHU_X_VC4_ON
0068     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0069     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0070     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0071     C.
0072   . C. ¡ã¥¢¥ó¥Æ¥ÈÀÚÂØ¡ÊÅ•Ä°²óÈò¡Ë¸å¤ÎºÆÀ¸ ºÆ³«¡ä
0073   +. DC 06-B3 DR_REP_START
0074   +  DC 01-32 DHU_X_VC4_ON
0075     C.                      ¢¢[HK1_REP_PT_1/2]              EQ     PT2    (¼Â¹Ô¸¡¾Ú)
0076     C.                      ¢¢[HK1_REP_STA/STP]             EQ     START  (¼Â¹Ô¸¡¾Ú)
0077     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     ON     (¼Â¹Ô¸¡¾Ú)
0078     C.
0079   . C. ****************************
0080     C. DRºÆÀ¸ Ää»ß¡¢XÁ÷¿®µ¡OFF
0081     C. ****************************
0082     C.
0083   . C. ¡ãDRºÆÀ¸ Ää»ß¡ä
0084   +. DC 06-B4 DR_REP_STOP
0085   +  DC 01-29 DHU_S/X_VC4_OFF
0086     C.                      ¢¢[HK1_REP_STA/STP]             EQ     STOP
0087     C.                      ¢¢[HK1_S_VC4_ON/OFF]            EQ     OFF
0088     C.                      ¢¢[HK1_X_VC4_ON/OFF]            EQ     OFF
0089     C.
0090   . C. ¡ãXÁ÷¿®µ¡OFF¡ä
0091   +. DC 03-85 TCIA_XMOD_OFF
0092     M. WAIT_SEC   1
0093   +  DC 03-B5 TCIA_XPA_OFF
0094     C.                      ¢¢[HK1_XMOD_ON/OFF]             EQ     OFF
0095     C.                      ¢¢[HK1_XPA_ON/OFF]              EQ     OFF
```

```
0096     C.
0097     C.
0098   . C. ********************************
0099     C.  SOT table upload
0100     C. ********************************
0101   . C. < Stop FG table >
0102   +. DC 07-F0 MDP_FG_CTRL_MANU
0103     BC       (51)
0104   . C. ------------------------------------
0105     C.  MDP_FG_CTRL_MODE      = MANU    [ ]
0106     C. ------------------------------------
0107     C.
0108   . C. <Upload FG Observation Table>
0109   . S. RAM   ram-269:MDP_OBS_F
0110     ()
0111     C.
0112   . C. < Dump RAMID=MDP_OBS_F >
0113   +. DC 07-F0 MDP_DUMP_FGTBL
0114     BC       (82 07 00 00 00 38 b8)
0115     C. ------------------------------------
0116     C.  MDP_OBS_F verify = OK/NG        [ ]
0117     C. ------------------------------------
0118     C.
0119     C. ********************************
0120     C.  SOT TI command set
0121     C. ********************************
0122     C. Execute, after the success of TBL upload.
0123   +. TI 2011-10-29 10:50:18.0
0124     DC 07-F0 MDP_SOT_MODE_OBSV
0125     BC       (40)
0126    . C. ------------------------------------
0127     C.   HK1_TI_CMD_NUM       = 1 CNTUP [ ]
0128     C. ------------------------------------
0129     C.
0130     C.
0131     C. ************ XRT START ************
0132     C.
0133   +. DC 07-F0 MDP_XRT_CTRL_MANU
0134     BC       (c1)
0135   +  DC 07-F0 MDP_XRT_MODE_STBY
0136     BC       (c3)
0137    . C. ------------ Success Verify ?              OK / NG____
0138     C.
0139     C. XRT Obs. Table Upload
0140   . S. RAM   ram-291:MDP_OBS_X
0141     ()
0142     C.
0143   +. DC 07-F0 MDP_DUMP_XRTTBL
0144     BC       (84 07 00 00 00 3a d4)
0145    . C. ------------ Comparison Check ?                        OK / ERR ____
0146     C.
0147     C.
0148   +. DC 07-F0 MDP_XRT_ROI_SET
0149     BC       (cd 01 b1 b1 04 04)
0150   +  DC 07-F0 MDP_XRT_ROI_SET
0151     BC       (cd 02 b1 b1 08 08)
0152   +  DC 07-F0 MDP_XRT_ROI_SET
0153     BC       (cd 03 b1 b1 08 08)
0154   +  DC 07-F0 MDP_XRT_ROI_SET
0155     BC       (cd 04 b1 b1 06 06)
0156   +  DC 07-F0 MDP_XRT_ROI_SET
0157     BC       (cd 05 85 83 06 06)
0158   +  DC 07-F0 MDP_XRT_ROI_SET
0159     BC       (cd 06 85 83 08 08)
0160   +  DC 07-F0 MDP_XRT_ROI_SET
0161     BC       (cd 07 80 80 20 20)
0162   +  DC 07-F0 MDP_XRT_ROI_SET
0163     BC       (cd 08 80 80 20 08)
0164   +  DC 07-F0 MDP_XRT_ROI_SET
0165     BC       (cd 09 80 80 08 20)
0166   +  DC 07-F0 MDP_XRT_ROI_SET
0167     BC       (cd 0f 80 80 06 06)
0168   +  DC 07-F0 MDP_XRT_ROI_SET
0169     BC       (cd 10 80 80 08 08)
0170   +  DC 07-F0 MDP_XRT_FLD_ENA
0171     BC       (d8)
0172   +  DC 07-F0 MDP_XRT_FLRCTRL_ENA
0173     BC       (c8)
0174   +  DC 07-F0 MDP_XRT_AEC_RESET
0175     BC       (d0)
0176   +  DC 07-F0 MDP_XRT_ARS_DIS
0177     BC       (d5)
0178   +  DC 07-F0 MDP_XRT_FLD_RESET
0179     BC       (da)
0180    . C. ---------- Success Verify ?            OK / NG ____
0181     C.
0182     C.
0183    . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0184     C.
0185   +. DC 07-F0 MDP_XRT_MODE_OBSV
0186     BC       (c2)
0187   +. TI 2011-10-29 10:50:02.0
0188     DC 07-F0 MDP_XRT_MODE_OBSV
0189     BC       (c2)
0190    . C. ---------- Success Verify ?            OK / NG ____
0191     C.
0192     C. ************ XRT END ***********
0193     C.
```

```
0194   . C. ***** MDP ´ûÃÎ¤Î»ö¾Ý¤ËÂÐ¤¹¤ëDCBC•×²è *****
0195     C. (¾å°Ì¥Ó¥Ã¥È¥Þ¥Ë¥å¥¢¥ë¤Ë½¾¤¤¼Â»Ü¤¹¤ë)
0196   . S. DC-BC dcbc-402:DCBC
0197     (MDP_known_event)
0198     C.
0199     C.
0200   . C. ***** ¥Ð¥¹•Ï Daily±¿ÍÑ¤Ë´Ø¤¹¤ëDCBC•×²è *****
0201   . S. DC-BC dcbc-153:DCBC
0202     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0203     C.
0204     C.
0205   . C. ¡ãLOS¥Á¥§¥Ã¥¯¼Â»Ü¡ä
0206     C.
0207   . C. ********** LOS **********
0208     C.
```

```
*** OP Sequence for XRT ***

2011/10/29  11:01:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM               5 02-76 03 00 00 00 00
2011/10/29  18:06:30.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM               5 02-76 00 00 00 00 00
2011/10/29  18:16:30.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM               5 02-76 03 00 00 00 00
2011/10/30  05:37:30.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM               5 02-76 00 00 00 00 00
2011/10/30  05:47:30.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM               5 02-76 03 00 00 00 00
2011/10/30  18:30:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM               5 02-76 00 00 00 00 00
2011/10/30  18:40:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM               5 02-76 03 00 00 00 00
2011/10/31  05:58:30.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM               5 02-76 00 00 00 00 00
2011/10/31  06:08:30.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM               5 02-76 03 00 00 00 00
2011/10/31  09:25:54.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU     1 07-F0 c1
2011/10/31  09:25:56.0  XRT_FOCUS_POSITION_409_OG [0x199]
                                XRT_FOCUS_POSITION    4 07-F8 22 fe 97 00
2011/10/31  09:26:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA       1 07-F0 d8
2011/10/31  09:26:18.0  XRT_FLRCTRL_ENA_413_OG [0x19d]
                                MDP_XRT_FLRCTRL_ENA   1 07-F0 c8
2011/10/31  09:26:20.0  XRT_AEC_RESET_443_OG [0x1bb]
                                MDP_XRT_AEC_RESET     1 07-F0 d0
2011/10/31  09:26:22.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS       1 07-F0 d5
2011/10/31  09:28:54.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET     1 07-F0 da
2011/10/31  09:28:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                MDP_XRT_QT_PROG_SET   2 07-F0 c4 05
2011/10/31  09:28:58.0  XRT_FL_PROG_SET_420_OG [0x1a4]
                                MDP_XRT_FL_PROG_SET   2 07-F0 c5 0d
2011/10/31  09:29:00.0  XRT_CTRL_AUTO_406_OG [0x196]
                                MDP_XRT_CTRL_AUTO     1 07-F0 c0
2011/10/31  10:03:30.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU     1 07-F0 c1
2011/10/31  10:03:32.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET     1 07-F0 da
2011/10/31  10:03:34.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT   1 07-F0 e8
2011/10/31  10:06:44.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP   1 07-F0 e9
2011/10/31  10:16:30.0  XRT_Custom_418_OG [0x1a2]
2011/10/31  10:17:30.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO     1 07-F0 c0
2011/10/31  13:56:54.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU     1 07-F0 c1
2011/10/31  13:56:56.0  XRT_FOCUS_POSITION_409_OG [0x199]
                                XRT_FOCUS_POSITION    4 07-F8 22 fe 97 00
2011/10/31  13:57:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA       1 07-F0 d8
2011/10/31  13:57:18.0  XRT_FLRCTRL_ENA_413_OG [0x19d]
                                MDP_XRT_FLRCTRL_ENA   1 07-F0 c8
2011/10/31  13:57:20.0  XRT_AEC_RESET_443_OG [0x1bb]
                                MDP_XRT_AEC_RESET     1 07-F0 d0
2011/10/31  13:57:22.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS       1 07-F0 d5
2011/10/31  13:59:54.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET     1 07-F0 da
2011/10/31  13:59:56.0  XRT_QT_PROG_SET_407_OG [0x197]
                                MDP_XRT_QT_PROG_SET   2 07-F0 c4 02
2011/10/31  13:59:58.0  XRT_FL_PROG_SET_420_OG [0x1a4]
                                MDP_XRT_FL_PROG_SET   2 07-F0 c5 0d
2011/10/31  14:00:00.0  XRT_CTRL_AUTO_406_OG [0x196]
                                MDP_XRT_CTRL_AUTO     1 07-F0 c0
2011/10/31  15:26:30.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU     1 07-F0 c1
2011/10/31  15:26:32.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET     1 07-F0 da
2011/10/31  15:26:34.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT   1 07-F0 e8
2011/10/31  15:29:44.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP   1 07-F0 e9
2011/10/31  15:50:00.0  XRT_Custom_418_OG [0x1a2]
2011/10/31  15:51:00.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO     1 07-F0 c0
2011/10/31  17:03:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU     1 07-F0 c1
2011/10/31  17:03:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET     1 07-F0 da
2011/10/31  17:03:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT   1 07-F0 e8
2011/10/31  17:06:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP   1 07-F0 e9
2011/10/31  17:26:30.0  XRT_Custom_418_OG [0x1a2]
2011/10/31  17:27:30.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO     1 07-F0 c0
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2011/10/31  17:59:54.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/10/31  17:59:56.0  XRT_FOCUS_POSITION_401_OG [0x191]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2011/10/31  18:00:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM              5 02-76 00 00 00 00 00
2011/10/31  18:00:16.0  XRT_FLD_DIS_402_OG [0x192]
                                MDP_XRT_FLD_DIS      1 07-F0 d9
2011/10/31  18:00:18.0  XRT_FLRCTRL_DIS_433_OG [0x1b1]
                                MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2011/10/31  18:00:20.0  XRT_ARS_DIS_438_OG [0x1b6]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2011/10/31  18:02:58.0  XRT_QT_PROG_SET_436_OG [0x1b4]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 04
2011/10/31  18:03:00.0  XRT_CTRL_AUTO_406_OG [0x196]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/10/31  18:09:54.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/10/31  18:09:56.0  XRT_FOCUS_POSITION_409_OG [0x199]
                                XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2011/10/31  18:10:00.0  AOCS_ORe-point_Start_3_OG [0x099]
                                AOCU_NM              5 02-76 00 10 e5 53 74
2011/10/31  18:10:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2011/10/31  18:10:18.0  XRT_FLRCTRL_ENA_413_OG [0x19d]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2011/10/31  18:10:20.0  XRT_AEC_RESET_443_OG [0x1bb]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2011/10/31  18:10:22.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2011/10/31  18:12:54.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/10/31  18:12:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 05
2011/10/31  18:12:58.0  XRT_FL_PROG_SET_420_OG [0x1a4]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0d
2011/10/31  18:13:00.0  XRT_CTRL_AUTO_406_OG [0x196]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/10/31  18:40:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/10/31  18:40:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/10/31  18:40:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/10/31  18:43:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/10/31  19:03:30.0  XRT_Custom_418_OG [0x1a2]
2011/10/31  19:04:30.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/10/31  20:17:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/10/31  20:17:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/10/31  20:17:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/10/31  20:20:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/10/31  20:40:30.0  XRT_Custom_418_OG [0x1a2]
2011/10/31  20:41:30.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/10/31  21:54:30.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/10/31  21:54:32.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/10/31  21:54:34.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/10/31  21:57:44.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/10/31  22:17:00.0  XRT_Custom_418_OG [0x1a2]
2011/10/31  22:18:00.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/10/31  23:09:54.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/10/31  23:09:56.0  XRT_FOCUS_POSITION_409_OG [0x199]
                                XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2011/10/31  23:10:00.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM              5 02-76 03 00 00 00 00
2011/10/31  23:10:16.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2011/10/31  23:10:18.0  XRT_FLRCTRL_ENA_413_OG [0x19d]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2011/10/31  23:10:20.0  XRT_AEC_RESET_443_OG [0x1bb]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2011/10/31  23:10:22.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2011/10/31  23:12:54.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/10/31  23:12:56.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 05
2011/10/31  23:12:58.0  XRT_FL_PROG_SET_420_OG [0x1a4]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0d
2011/10/31  23:13:00.0  XRT_CTRL_AUTO_406_OG [0x196]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
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2011/10/31  23:32:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/10/31  23:32:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/10/31  23:32:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/10/31  23:35:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/10/31  23:44:00.0  XRT_Custom_418_OG [0x1a2]
2011/10/31  23:45:00.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/11/01  01:00:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  01:00:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/11/01  01:00:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/11/01  01:03:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/11/01  01:15:00.0  XRT_Custom_418_OG [0x1a2]
2011/11/01  01:16:00.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/11/01  02:31:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  02:31:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/11/01  02:31:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/11/01  02:34:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/11/01  02:51:30.5  XRT_Custom_418_OG [0x1a2]
2011/11/01  02:52:30.5  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/11/01  03:59:30.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  03:59:32.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/11/01  03:59:34.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/11/01  04:02:44.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/11/01  04:29:00.0  XRT_Custom_418_OG [0x1a2]
2011/11/01  04:30:00.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/11/01  05:40:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  05:40:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/11/01  05:40:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/11/01  05:43:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/11/01  06:16:24.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  06:16:26.0  XRT_FOCUS_POSITION_401_OG [0x191]
                                XRT_FOCUS_POSITION   4 07-F8 22 ff aa 00
2011/11/01  06:16:30.0  AOCS_ORe-point_Start_2_OG [0x098]
                                AOCU_NM              5 02-76 00 00 00 00 00
2011/11/01  06:16:46.0  XRT_FLD_DIS_402_OG [0x192]
                                MDP_XRT_FLD_DIS      1 07-F0 d9
2011/11/01  06:16:48.0  XRT_FLRCTRL_DIS_433_OG [0x1b1]
                                MDP_XRT_FLRCTRL_DIS  1 07-F0 c9
2011/11/01  06:16:50.0  XRT_ARS_DIS_438_OG [0x1b6]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2011/11/01  06:19:28.0  XRT_QT_PROG_SET_436_OG [0x1b4]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 04
2011/11/01  06:19:30.0  XRT_CTRL_AUTO_406_OG [0x196]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/11/01  06:26:24.0  XRT_CTRL_MANU_400_OG [0x190]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  06:26:26.0  XRT_FOCUS_POSITION_409_OG [0x199]
                                XRT_FOCUS_POSITION   4 07-F8 22 fe 97 00
2011/11/01  06:26:30.0  AOCS_ORe-point_Start_1_OG [0x097]
                                AOCU_NM              5 02-76 03 00 00 00 00
2011/11/01  06:26:46.0  XRT_FLD_ENA_411_OG [0x19b]
                                MDP_XRT_FLD_ENA      1 07-F0 d8
2011/11/01  06:26:48.0  XRT_FLRCTRL_ENA_413_OG [0x19d]
                                MDP_XRT_FLRCTRL_ENA  1 07-F0 c8
2011/11/01  06:26:50.0  XRT_AEC_RESET_443_OG [0x1bb]
                                MDP_XRT_AEC_RESET    1 07-F0 d0
2011/11/01  06:26:52.0  XRT_ARS_DIS_427_OG [0x1ab]
                                MDP_XRT_ARS_DIS      1 07-F0 d5
2011/11/01  06:29:24.0  XRT_FLD_RESET_412_OG [0x19c]
                                MDP_XRT_FLD_RESET    1 07-F0 da
2011/11/01  06:29:26.0  XRT_QT_PROG_SET_444_OG [0x1bc]
                                MDP_XRT_QT_PROG_SET  2 07-F0 c4 05
2011/11/01  06:29:28.0  XRT_FL_PROG_SET_420_OG [0x1a4]
                                MDP_XRT_FL_PROG_SET  2 07-F0 c5 0d
2011/11/01  06:29:30.0  XRT_CTRL_AUTO_406_OG [0x196]
                                MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/11/01  07:20:30.0  XRT_CTRL_MANU_408_OG [0x198]
                                MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  07:20:32.0  XRT_FLD_RESET_412_OG [0x19c]
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                                        MDP_XRT_FLD_RESET    1 07-F0 da
2011/11/01  07:20:34.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/11/01  07:23:44.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/11/01  07:44:00.0  XRT_Custom_418_OG [0x1a2]
2011/11/01  07:45:00.0  XRT_CTRL_AUTO_419_OG [0x1a3]
                                        MDP_XRT_CTRL_AUTO    1 07-F0 c0
2011/11/01  08:45:00.0  XRT_CTRL_MANU_400_OG [0x190]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  09:00:00.0  XRT_CTRL_MANU_408_OG [0x198]
                                        MDP_XRT_CTRL_MANU    1 07-F0 c1
2011/11/01  09:00:02.0  XRT_FLD_RESET_412_OG [0x19c]
                                        MDP_XRT_FLD_RESET    1 07-F0 da
2011/11/01  09:00:04.0  XRT_PREFLR_STRT_422_OG [0x1a6]
                                        MDP_XRT_PREFLR_STRT  1 07-F0 e8
2011/11/01  09:03:14.0  XRT_PREFLR_STOP_424_OG [0x1a8]
                                        MDP_XRT_PREFLR_STOP  1 07-F0 e9
2011/11/01  09:53:00.0  AOCS_ORe-point_Start_2_OG [0x098]
                                        AOCU_NM              5 02-76 00 00 00 00 00
```