

# XRT Timeline to be uploaded on 2011/08/16

Period: 2011/08/16 11:04:00 - 2011/08/20 10:16:00

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Normal mode

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XOB #1886: AR Standard-A(Filter-Ratio) with eruption PFB, FW1=Open, 512x512 at 1064 1048, 100s cad												
Term	Pointing (x, y)						Comment					
08/16 11:17:00 - 08/16 17:21:00	Track ( 573.5, -435.4) <sup>Ⓢ 08/16 11:14:00</sup>						# OP start + 10min, HOP195					
08/16 18:16:30 - 08/16 19:59:54	Track ( -839.4, 198.9) <sup>Ⓢ 08/16 18:13:30</sup>						HOP191					
08/18 06:13:00 - 08/18 10:17:00	Track ( 371.5, 255.2) <sup>Ⓢ 08/18 06:10:00</sup>						HOP195					
<b>PROG= 20 Inf.-time(s)</b>												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 19 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 63ms Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec												
└─ Seqn= 49 4-time(s) 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
└─ Open/thick-Al Open/thick-Be close Safe Norm 16.0s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 6 18-time(s) 2.0sec												
└─ Open/Al-mesh Open/thick-Al close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 0 20.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 512x512 (1064, 1048) Q=95 2 1 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 2 1 20.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 500ms Obs 2x2 512x512 (1064, 1048) Q=95 2 2 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 2 2 20.0sec												
└─ Open/Al-mesh Open/thick-Al close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 3 2.0sec												
└─ Open/Ti-poly Open/thick-Be close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 3 3 20.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #187C: Synoptic Q95 2x2 - Al/mesh(45/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 -1x1 2048x512) + Ti-poly(88/2897) + Thin-Be(36)												
Term	Pointing (x, y)						Comment					
08/16 18:06:30 - 08/16 18:13:24	Fixed ( 0.0, 0.0)						synoptic, shifted 3.5 min					
08/18 06:03:00 - 08/18 06:09:54	Fixed ( 0.0, 0.0)						synoptic					
<b>PROG= 07 1-time(s)</b>												
└─ Subr= 1 1-time(s) 12.0sec												
└─ Seqn= 86 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 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 5 1-time(s) 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec												
└─ Seqn= 37 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 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 32 1-time(s) 2.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ thin-Be/Open thin-Be/Open close Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
└─ Seqn= 4 1-time(s) 2.0sec												
└─ Open/G-band Open/G-band open Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #17F5: AR Standard-B(Morphology) for FW1=Open, 512x512 at 1064 1048, 20sec-cad												
Term	Pointing (x, y)						Comment					
08/16 20:03:00 - 08/16 22:59:54	Track ( 626.6, -429.7) <sup>Ⓢ 08/16 20:00:00</sup>						Track AR11269					
08/16 23:03:00 - 08/17 01:00:00	Track ( 122.4, 247.5) <sup>Ⓢ 08/16 23:00:00</sup>						HOP128					
08/18 03:18:00 - 08/18 05:59:54	Track ( 778.2, -405.3) <sup>Ⓢ 08/18 03:15:00</sup>						Track AR11269					
<b>PROG= 04 Inf.-time(s)</b>												
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 17 1-time(s) 2.0sec												
└─ 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= 95 4-time(s) 2.0sec												
└─ Open/Al-mesh Open/Ti-poly close Safe Norm 250ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
└─ Open/thick-Al Open/thick-Be close Safe Norm 16.0s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 48 120-time(s) 20.0sec												
└─ Open/Ti-poly Open/thick-Al close Safe Norm 250ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1778: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh, Ti/Poly-long												
Term	Pointing (x, y)						Comment					

PROG= 16 1-time(s)													
Subr= 1 1-time(s) 12.0sec													
Seqn= 38 1-time(s) 12.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Dark	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec													
Seqn= 93 2-time(s) 2.0sec													
Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

**XOB #1779: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh,Ti/Poly -long**

Term	Pointing (x, y)	Comment
08/18 02:48:00 - 08/18 02:54:54	Fixed ( 528.4, -528.4)	2/4
PROG= 15 1-time(s)		
Subr= 1 1-time(s) 12.0sec		
Seqn= 36 1-time(s) 12.0sec		
Open/G-band	Open/G-band	open Safe Norm 44ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec
Open/G-band	Open/G-band	open Safe Norm 44ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be	close Safe Dark 44ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be	close Safe Dark 44ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 93 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly	close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

**XOB #177A: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 3rd Quadrant- Al/mesh, Ti/Poly-long**

Term	Pointing (x, y)	Comment
08/18 02:58:00 - 08/18 03:04:54	Fixed ( 528.4, 528.4)	3/4
PROG= 09 1-time(s)		
Subr= 1 1-time(s) 12.0sec		
Seqn= 39 1-time(s) 12.0sec		
Open/G-band	Open/G-band	open Safe Norm 44ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec
Open/G-band	Open/G-band	open Safe Norm 44ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be	close Safe Dark 44ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be	close Safe Dark 44ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 93 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly	close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

**XOB #177B: CCD Monitor During Bakeout - G-Band 45ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh, Ti/Poly-long**

Term	Pointing (x, y)	Comment
08/18 03:08:00 - 08/18 03:14:54	Fixed ( -528.4, 528.4)	4/4
PROG= 10 1-time(s)		
Subr= 1 1-time(s) 12.0sec		
Seqn= 40 1-time(s) 12.0sec		
Open/G-band	Open/G-band	open Safe Norm 44ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec
Open/G-band	Open/G-band	open Safe Norm 44ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec
Open/thick-Be	Open/thick-Be	close Safe Dark 44ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec
Open/thick-Be	Open/thick-Be	close Safe Dark 44ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 93 2-time(s) 2.0sec		
Open/Al-mesh	Open/Ti-poly	close Safe Norm 4.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al	close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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**Flare mode**

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**XOB #1828: Flare Standard Obs. with eruptions mode-A (FW1=Open )**

Term	Pointing (x, y)	Comment
08/16 11:17:00 - 08/16 17:21:00	Track ( 573.5, -435.4) <sup>Ⓜ</sup> 08/16 11:14:00	# OP start + 10min, HOP195
08/16 18:16:30 - 08/16 19:59:54	Track ( -839.4, 198.9) <sup>Ⓜ</sup> 08/16 18:13:30	HOP191
08/16 20:03:00 - 08/16 22:59:54	Track ( 626.6, -429.7) <sup>Ⓜ</sup> 08/16 20:00:00	Track AR11269
08/16 23:03:00 - 08/17 01:00:00	Track ( 122.4, 247.5) <sup>Ⓜ</sup> 08/16 23:00:00	HOP128
08/18 03:18:00 - 08/18 05:59:54	Track ( 778.2, -405.3) <sup>Ⓜ</sup> 08/18 03:15:00	Track AR11269
08/18 06:13:00 - 08/18 10:17:00	Track ( 371.5, 255.2) <sup>Ⓜ</sup> 08/18 06:10:00	HOP195

PROG= 08 1-time(s)													
Subr= 1 30-time(s) 20.0sec													
Seqn= 87 1-time(s) 2.0sec													
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	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
<b>Seqn= 60 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 90 1-time(s) 2.0sec</b>												
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
<b>Subr= 3 30-time(s) 60.0sec</b>												
<b>Seqn= 87 1-time(s) 2.0sec</b>												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	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
<b>Seqn= 88 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 90 1-time(s) 2.0sec</b>												
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
<b>Subr= 3 30-time(s) 60.0sec</b>												
<b>Seqn= 87 1-time(s) 2.0sec</b>												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	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
<b>Seqn= 88 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 90 1-time(s) 2.0sec</b>												
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
<b>Subr= 3 30-time(s) 60.0sec</b>												
<b>Seqn= 87 1-time(s) 2.0sec</b>												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	1.00s	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
<b>Seqn= 88 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Subr= 4 24-time(s) 600.0sec</b>												
<b>Seqn= 89 1-time(s) 2.0sec</b>												
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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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**Active Region Search**

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NOT USED

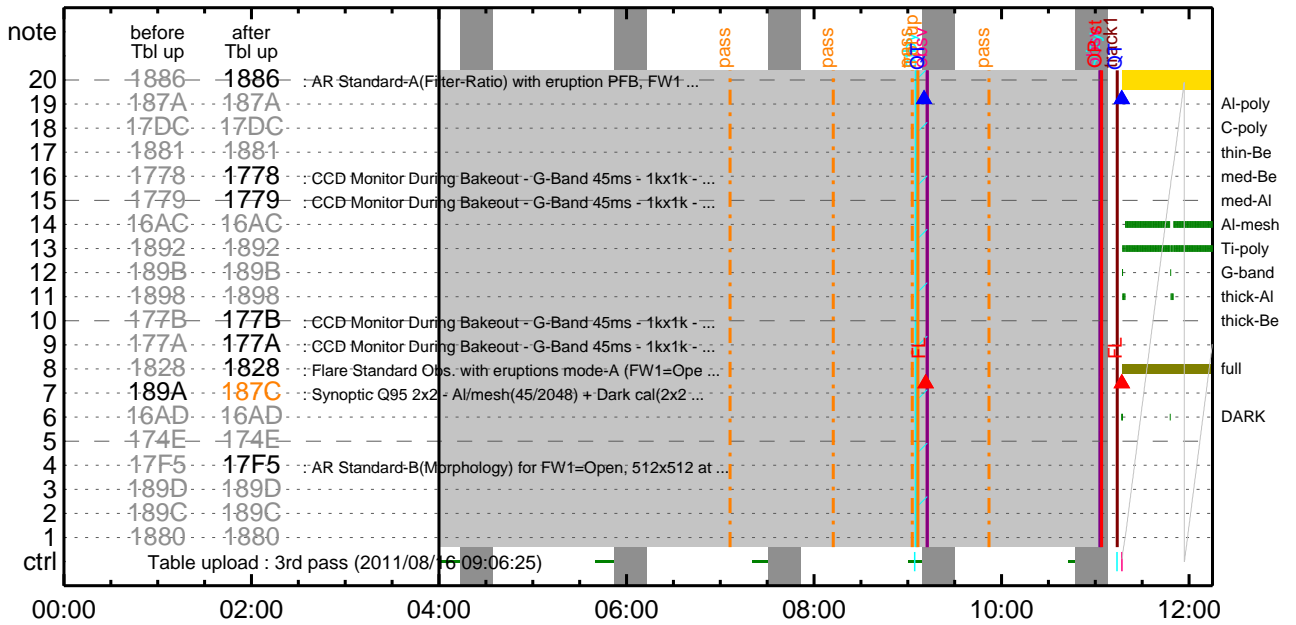
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**Flare Detection**

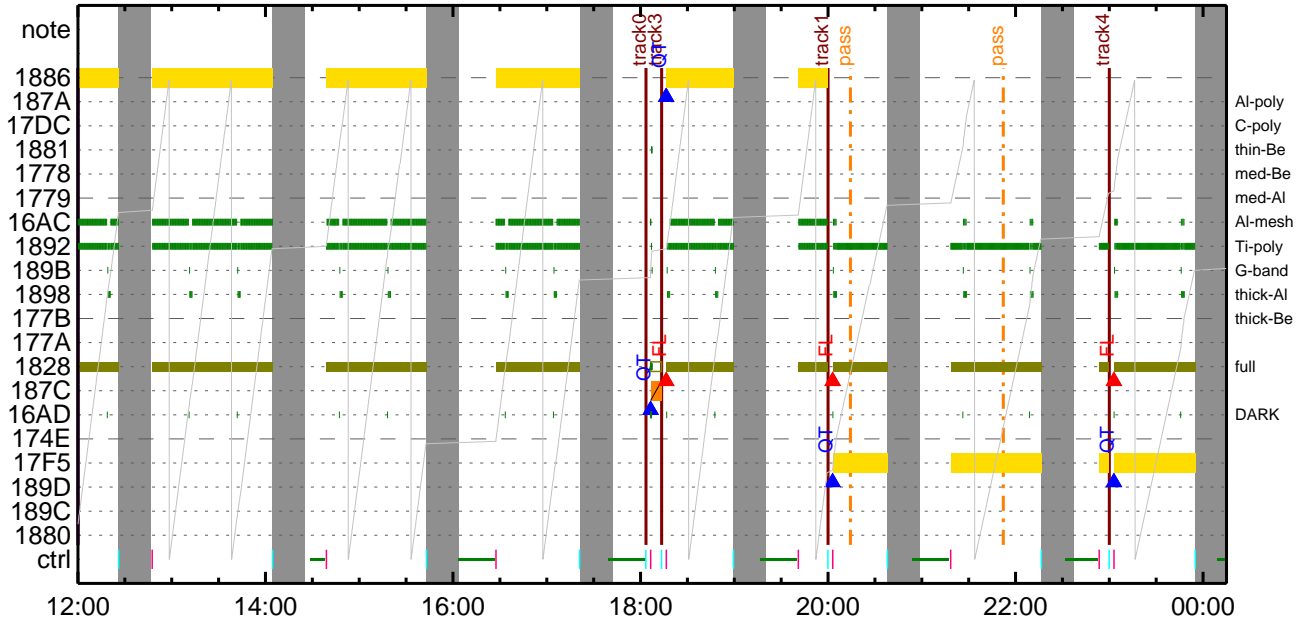
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<b>FLD Patrol</b>												
Term	Pointing (x, y)							Comment				
08/16 18:16:16 - 08/18 02:37:54	Track (	-839.4,	198.9)	@ 08/16 18:13:30	HOP191							
08/18 03:17:46 - 08/18 06:00:16	Track (	778.2,	-405.3)	@ 08/18 03:15:00	Track AR11269							
08/18 06:12:46 - 08/20 10:16:00	Track (	371.5,	255.2)	@ 08/18 06:10:00	HOP195							
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	

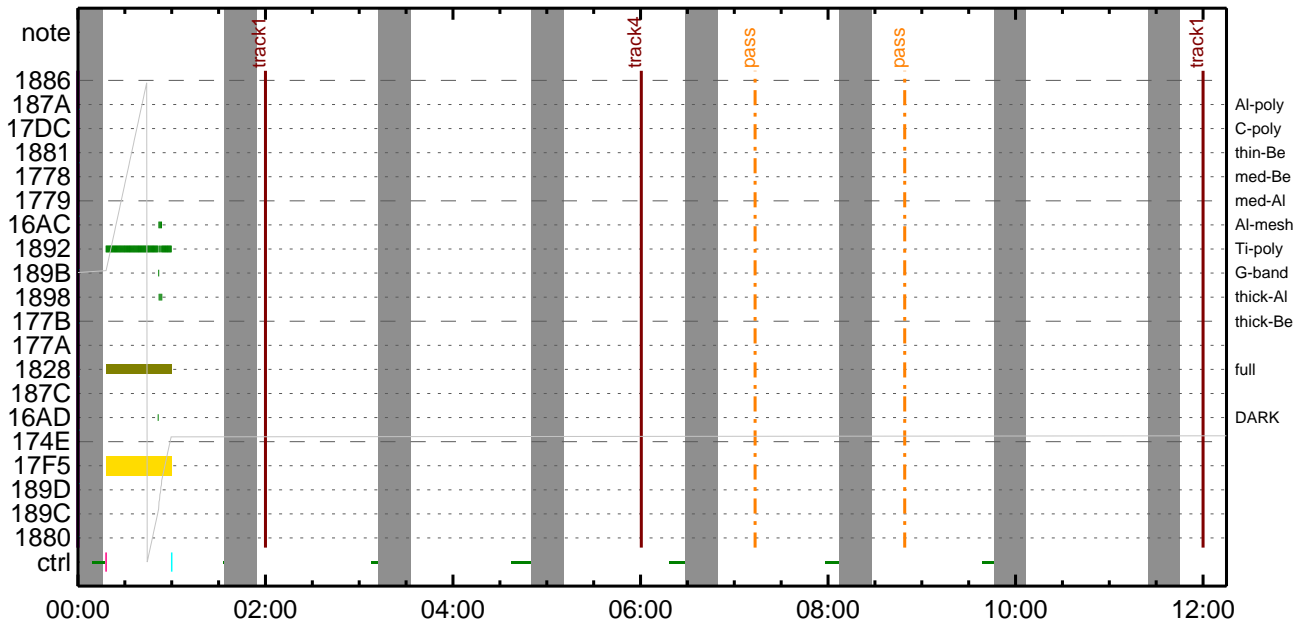
### CMDI #0089 2011/08/16



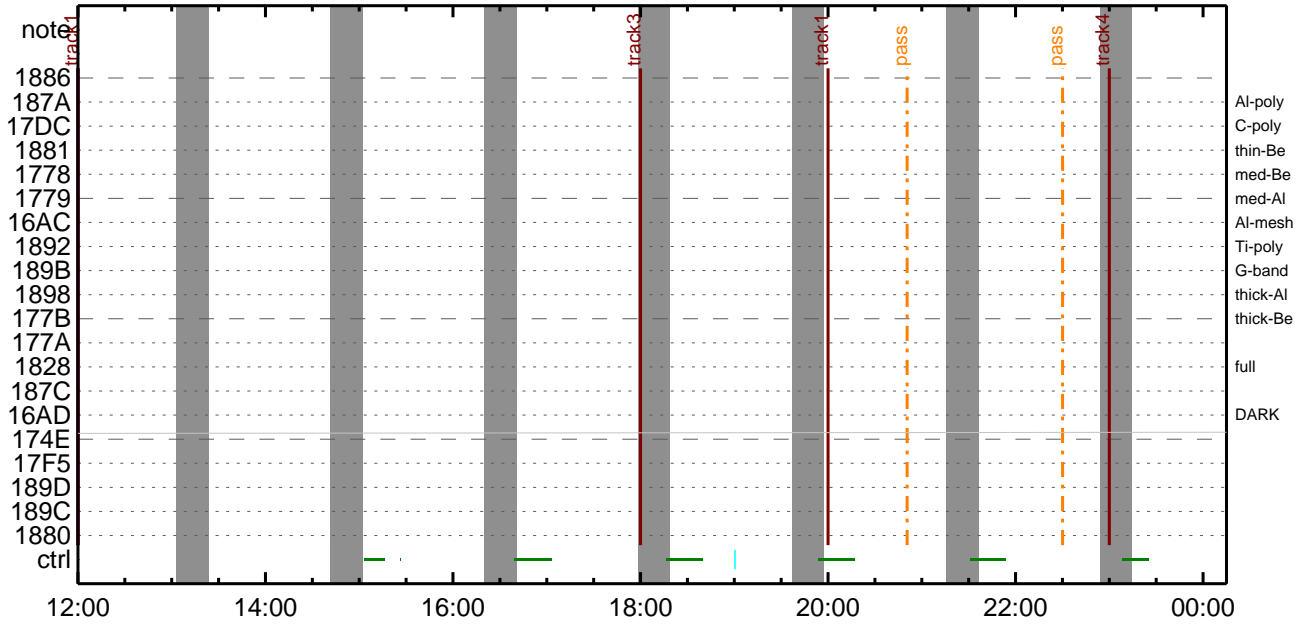
### CMDI #0089 2011/08/16



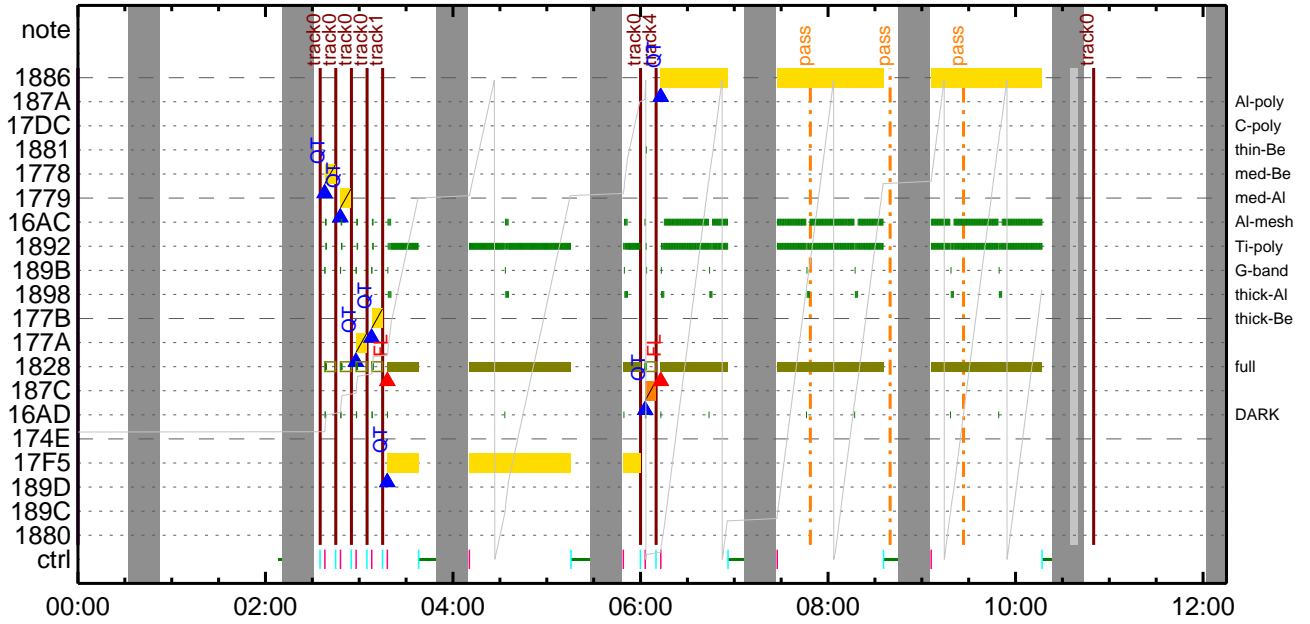
### CMDI #0089 2011/08/17



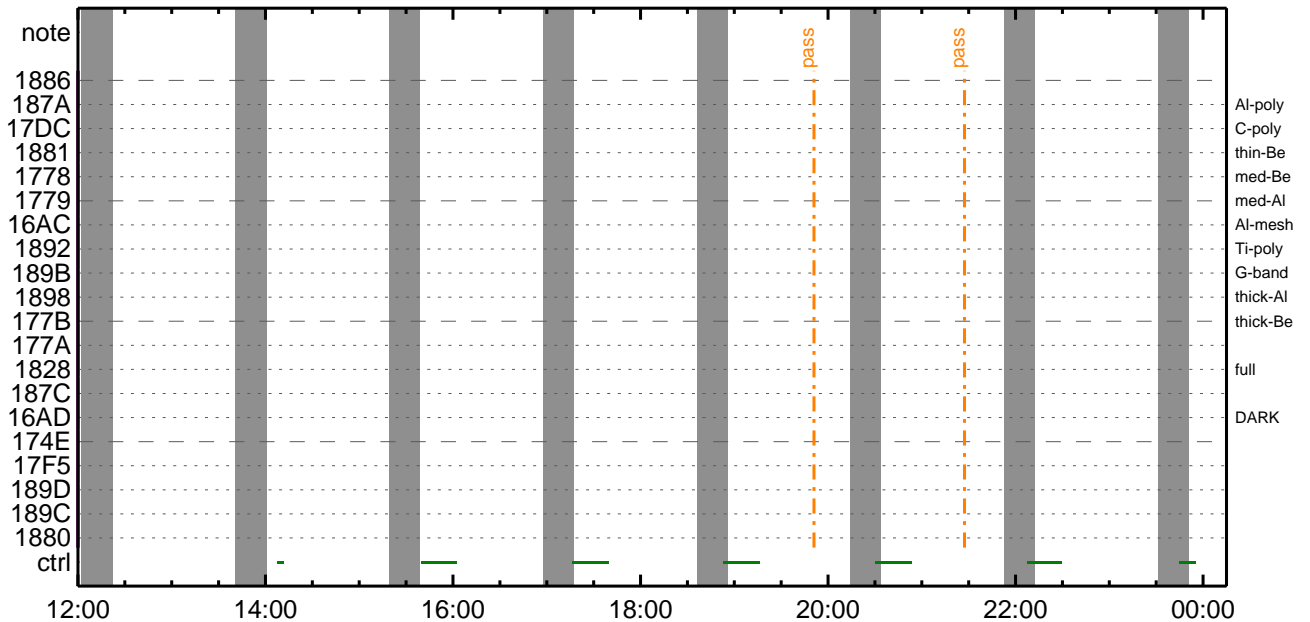
CMDI #0089 2011/08/17



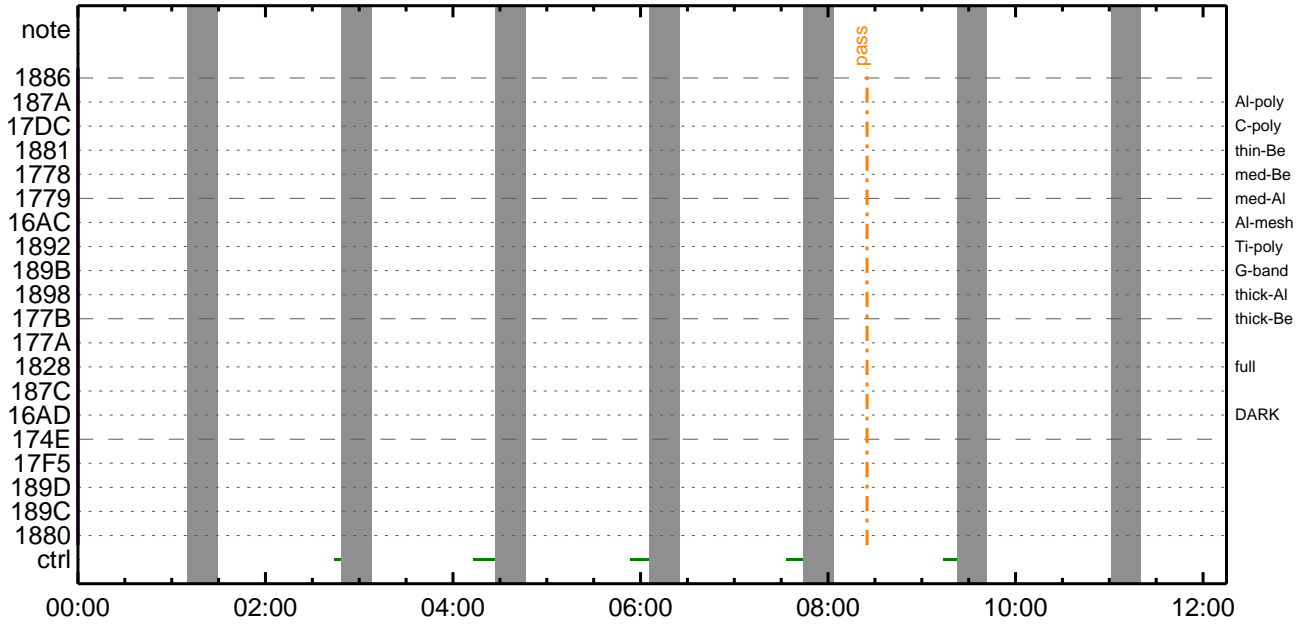
CMDI #0089 2011/08/18



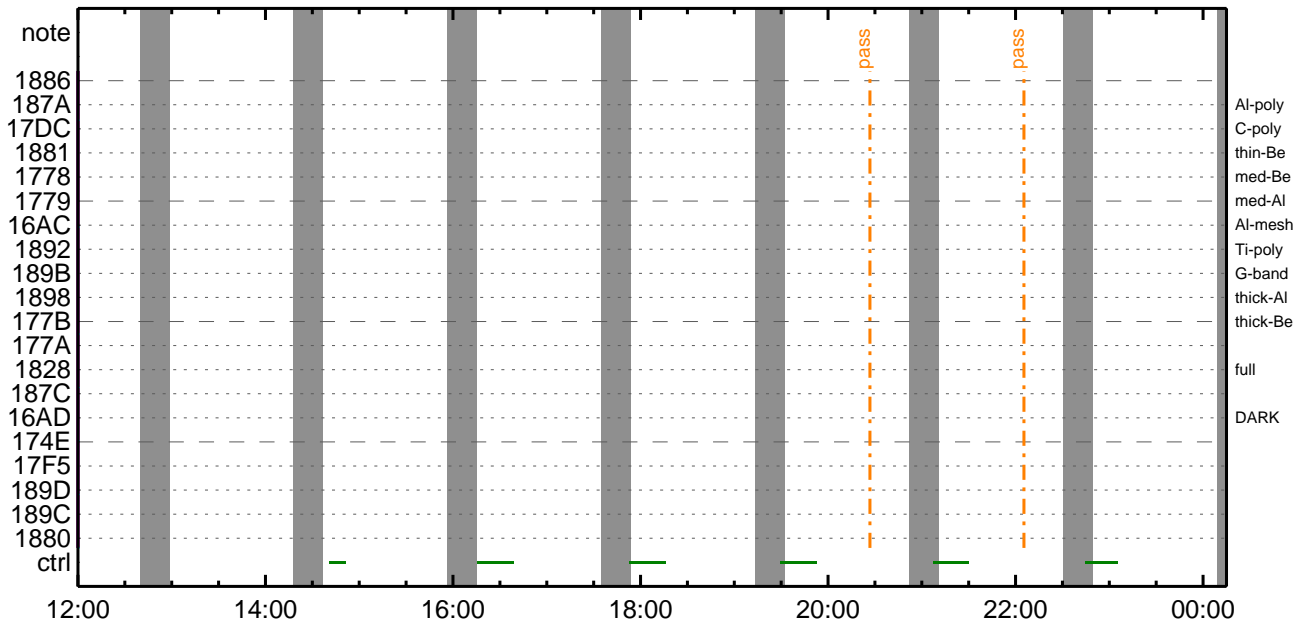
CMDI #0089 2011/08/18



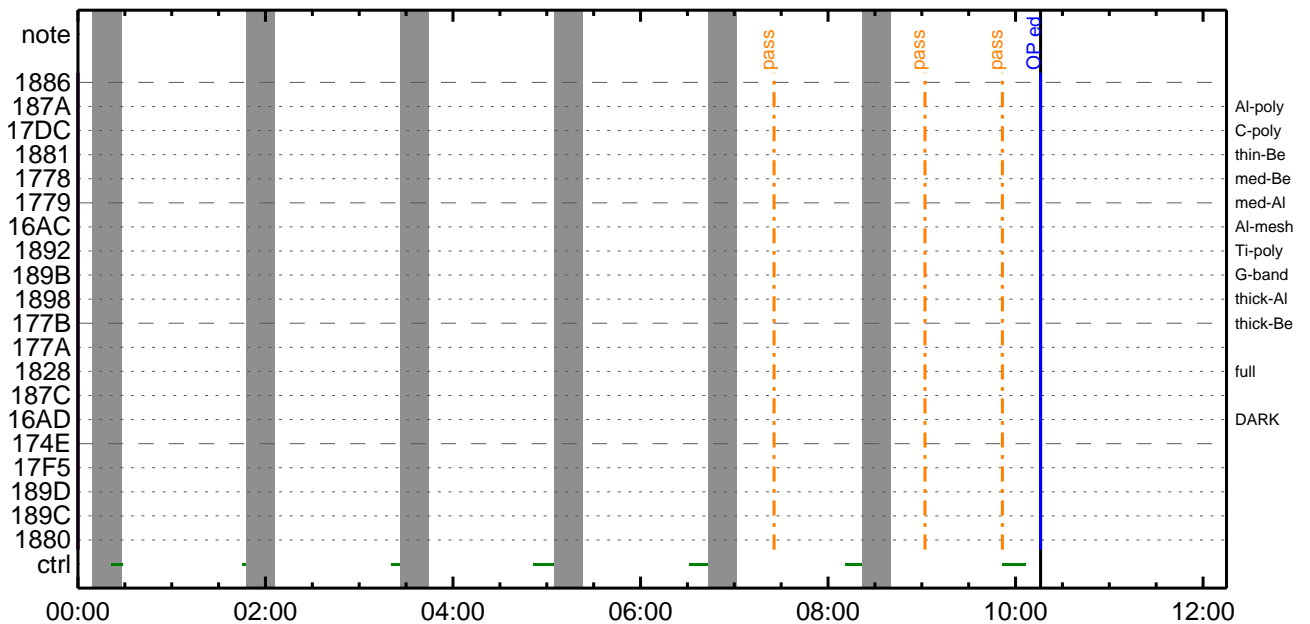
CMDI #0089 2011/08/19



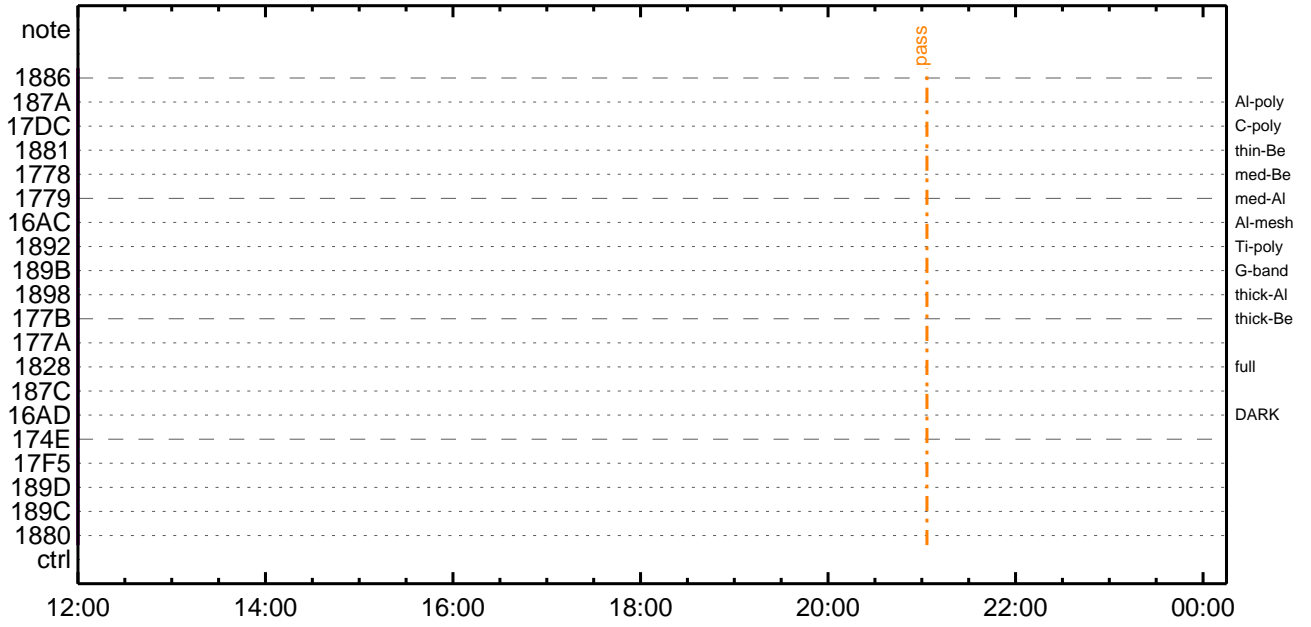
CMDI #0089 2011/08/19



CMDI #0089 2011/08/20



CMDI #0089 2011/08/20







0096 C. 0p0z;çSET0ÈDUMP0İÆ±°İŸŸ¹0Ç¹Ô0|0³0È;f

0097 C.

0098 C. TIŸ³ŸPŸÖŸÈ00ðÀĐİĵ (UT)

0099 +. TI 2011-08-16 10:59:00.0

0100 DC 01-B3 DHU\_OP\_STOP

0101 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0102 C.

0103 +. TI 2011-08-16 10:59:01.0

0104 DC 01-B4 DHU\_OP\_COPY

0105 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0106 C.

0107 +. TI 2011-08-16 10:59:01.0

0108 DC 01-B5 DHU\_OPOG\_COPY

0109 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0110 C.

0111 +. TI 2011-08-16 11:03:59.5

0112 DC 01-B2 DHU\_OP\_START

0113 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0114 C.

0115 C. °È²¼0İÄè%İİŸ0İŸÄŸŸŸÄŸ-¹àİŸ

0116 C. çç[HK1\_TI\_CMD\_ENA/DIS] EQ ENA

0117 C. çç[HK1\_TI\_CMD\_NUM] EQ 4

0118 C. çç[HK1\_NEXT\_EXEC\_PIM] EQ DHU

0119 C. çç[HK1\_NEXT\_EXEC\_DC] EQ 0xB3

0120 C.

0121 C. \*\*\*\*\*

0122 C. TIİİ°èŸÄŸÖŸx

0123 C. \*\*\*\*\*

0124 C.

0125 C. TI\_TBL(0x03AB00-0x03AEFF;§ 1024byte)

0126 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET

0127 BC (03 ab 03 01 02)

0128 C. çç[HK1\_DMP\_TOP\_ADRS\_1] EQ 07

0129 C. çç[HK1\_DMP\_TOP\_ADRS\_0] EQ 2B

0130 C. çç[HK1\_DMP\_BLOCK\_NUM] EQ 3

0131 C. çç[HK1\_DMP\_REPEAT\_NUM] EQ 0

0132 C. çç[HK1\_DMA\_DMP\_PIM] EQ DHU

0133 +. DC 01-22 DHU\_MODE\_CHNG

0134 BC (07 0b f8)

0135 C. çç[HK1\_PKT\_FORM\_NO] EQ 7

0136 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.25 s

0137 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32k

0138 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M

0139 C. çç[HK1\_DMP\_CHK\_FLG] EQ EXEC

0140 C.

0141 C. ŸÄŸÖŸx¼¹İ»0ð³İÇ§

0142 C. çç[HK1\_DMP\_CHK\_FLG] EQ NON

0143 C.

0144 C. RAM ID=TI\_TBL0İÈ¹Ç•è²İOK0ð³İÇ§

0145 C.

0146 C. DHUŸâ;¼ŸÈ;È¼Ÿ¼,Ÿİ;¼ŸÈ;È00İã0¹

0147 +. DC 01-22 DHU\_MODE\_CHNG

0148 BC (02 0a f8)

0149 C. çç[HK1\_PKT\_FORM\_NO] EQ 2

0150 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.5S

0151 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32K

0152 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M

0153 C.

0154 C. \*\*\*\*\*

0155 C. SOT TI command set

0156 C. \*\*\*\*\*

0157 C. Execute, after the success of OP upload.

0158 +. TI 2011-08-16 11:03:16.0

0159 DC 07-F0 MDP\_SOT\_MODE\_STBY

0160 BC (41)

0161 C. -----

0162 C. HK1\_TI\_CMD\_NUM = 1 CNTUP [ ]

0163 C. -----

0164 C. \*\*\*\*\* SOT END \*\*\*\*\*

0165 C. Stop EIS observation and temporarily disable EIS mode changes

0166 C.

0167 C.

0168 C. \*\*\*\*\* Start EIS operation (TI set) \*\*\*\*\*

0169 C. Execute, after the success of OP upload.

0170 C. Set EIS TI-commands

0171 +. TI 2011-08-16 11:03:30.0

0172 DC 07-FC EIS\_MODE\_MANU

0173 BC (21 02)

0174 +. TI 2011-08-16 11:03:40.0

0175 DC 07-FC EIS\_MODE\_CHG\_DIS

0176 BC (22)

0177 C. [ ] [HK1\_TI\_CMD\_NUM] EQ 2 COUNTUP

0178 C. \*\*\*\*\* End EIS operation (TI set) \*\*\*\*\*

0179 C.

0180 C.

0181 C.

0182 C. \*\*\*\*\* XRT START \*\*\*\*\*

0183 C. Execute, after the success of OP upload.

0184 +. TI 2011-08-16 11:03:00.0

0185 DC 07-F0 MDP\_XRT\_MODE\_STBY

0186 BC (c3)

0187 C. [ ] [HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0188 C.

0189 C. \*\*\*\*\* XRT END \*\*\*\*\*

0190 C.

0191 C. \*\*\*\*\* MDP ĸÄİ0İ»0¼Ÿ0ÈÄ0ð¹0èDCBC•x²è \*\*\*\*\*

0192 C. (¼0İŸÖŸÄŸÈŸPŸÈŸÄŸçŸè0È¼00¼Ä»Ÿ0¹0é)

0193 S. DC-BC dcbc-402:DCBC

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







```
0096 BC (cd 0b c0 c0 10 10)
0097 + DC 07-F0 MDP_XRT_ROI_SET
0098 BC (cd 0c 40 c0 10 10)
0099 + DC 07-F0 MDP_XRT_ROI_SET
0100 BC (cd 0d 40 40 10 10)
0101 + DC 07-F0 MDP_XRT_ROI_SET
0102 BC (cd 0e c0 40 10 10)
0103 + DC 07-F0 MDP_XRT_ROI_SET
0104 BC (cd 0f 80 80 06 06)
0105 + DC 07-F0 MDP_XRT_ROI_SET
0106 BC (cd 10 80 80 08 08)
0107 + DC 07-F0 MDP_XRT_FLD_ENA
0108 BC (d8)
0109 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0110 BC (c8)
0111 + DC 07-F0 MDP_XRT_ARS_DIS
0112 BC (d5)
0113 + DC 07-F0 MDP_XRT_QT_PROG_SET
0114 BC (c4 14)
0115 + DC 07-F0 MDP_XRT_FL_PROG_SET
0116 BC (c5 08)
0117 . C. ----- Success Verify ? OK / NG ____
0118 C.
0119 C.
0120 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0121 C.
0122 + DC 07-F0 MDP_XRT_MODE_OBSV
0123 BC (c2)
0124 + TI 2011-08-16 11:03:02.0
0125 DC 07-F0 MDP_XRT_MODE_OBSV
0126 BC (c2)
0127 . C. ----- Success Verify ? OK / NG ____
0128 C.
0129 C. ***** XRT END *****
0130 C.
0131 . C. ***** MDP 'úÃîâî»ö¼ÝðËÂð¹ñèDCBC•x²è *****
0132 C. (%ã°îÿÓÿÄÿËÿPÿËÿÄÿçÿËè%¼ðð¼Ä»Û¹ñè)
0133 . S. DC-BC dcbc-402:DCBC
0134 (MDP_known_event)
0135 C.
0136 C.
0137 . C. ***** ÿÐÿ¹•ï Daily±¿îÑñË´Ø¹ñèDCBC•x²è *****
0138 . S. DC-BC dcbc-153:DCBC
0139 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0140 C.
0141 C.
0142 . C. ;ãLOSÿÄÿ$ÿÄÿ-¼Ä»Û;ä
0143 C.
0144 . C. ***** LOS *****
0145 C.
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\*\*\* OP Sequence for XRT \*\*\*

2011/08/16	11:13:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/16	11:14:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2011/08/16	11:16:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/08/16	11:16:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/08/16	11:16:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/08/16	11:16:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/08/16	11:16:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/16	11:16:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/16	11:16:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2011/08/16	11:16:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2011/08/16	11:17:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/16	12:26:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/16	12:26:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/16	12:26:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/08/16	12:29:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/08/16	12:46:30.0	XRT_Custom_418_OG [0x1a2]							
2011/08/16	12:47:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/16	14:04:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/16	14:04:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/16	14:04:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/08/16	14:07:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/08/16	14:38:00.0	XRT_Custom_418_OG [0x1a2]							
2011/08/16	14:39:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/16	15:43:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/16	15:43:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/16	15:43:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/08/16	15:46:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/08/16	16:26:30.0	XRT_Custom_418_OG [0x1a2]							
2011/08/16	16:27:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/16	17:21:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/16	17:21:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/16	17:21:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/08/16	17:24:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/08/16	18:03:24.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/16	18:03:26.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/08/16	18:03:30.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/08/16	18:03:46.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/08/16	18:03:48.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/08/16	18:03:50.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/16	18:06:28.0	XRT_QT_PROG_SET_410_OG [0x19a]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2011/08/16	18:06:30.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/16	18:13:24.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/16	18:13:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2011/08/16	18:15:56.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/08/16	18:16:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/08/16	18:16:18.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/08/16	18:16:20.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				

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2011/08/16	18:16:22.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/08/16	18:16:24.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/08/16	18:16:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14		
2011/08/16	18:16:28.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2011/08/16	18:16:30.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/08/16	18:59:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/08/16	18:59:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/08/16	18:59:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/08/16	19:02:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/08/16	19:40:00.0	XRT_Custom_418_OG [0x1a2]							
2011/08/16	19:41:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/08/16	19:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/08/16	20:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01	00 00 00 00		
2011/08/16	20:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2011/08/16	20:02:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/08/16	20:02:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/08/16	20:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/08/16	20:02:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/08/16	20:02:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/08/16	20:02:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2011/08/16	20:02:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2011/08/16	20:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/08/16	20:38:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/08/16	20:38:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/08/16	20:38:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/08/16	20:41:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/08/16	21:17:30.0	XRT_Custom_418_OG [0x1a2]							
2011/08/16	21:18:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/08/16	22:16:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/08/16	22:16:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/08/16	22:16:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2011/08/16	22:19:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2011/08/16	22:52:30.0	XRT_Custom_418_OG [0x1a2]							
2011/08/16	22:53:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/08/16	22:59:54.0	XRT_CTRL_MANU_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/08/16	23:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	04	00 00 00 00		
2011/08/16	23:02:26.0	XRT_FOCUS_POSITION_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2011/08/16	23:02:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2011/08/16	23:02:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2011/08/16	23:02:50.0	XRT_AEC_RESET_443_OG [0x1bb]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2011/08/16	23:02:52.0	XRT_ARS_DIS_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2011/08/16	23:02:54.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/08/16	23:02:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	04		
2011/08/16	23:02:58.0	XRT_FL_PROG_SET_414_OG [0x19e]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	08		
2011/08/16	23:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2011/08/16	23:55:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2011/08/16	23:55:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da			
2011/08/16	23:55:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			



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2011/08/16	23:58:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/08/17	00:17:00.0	XRT_Custom_418_OG [0x1a2]							
2011/08/17	00:18:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/17	01:00:00.0	XRT_CTRL_MANU_449_OG [0x1c1]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/17	01:00:30.0	XRT_TCIB_XRT_S_HTR_A_ENA_417_OG [0x1a1]							
		TCIB_XRT_S_HTR_A_ENA	0	04-BC					
2011/08/17	02:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2011/08/17	03:00:30.0	XRT_Custom_421_OG [0x1a5]							
2011/08/17	05:00:30.0	XRT_Custom_421_OG [0x1a5]							
2011/08/17	06:00:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2011/08/17	07:00:30.0	XRT_Custom_421_OG [0x1a5]							
2011/08/17	09:00:30.0	XRT_Custom_416_OG [0x1a0]							
2011/08/17	09:00:40.0	XRT_Custom_421_OG [0x1a5]							
2011/08/17	11:00:40.0	XRT_Custom_421_OG [0x1a5]							
2011/08/17	12:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2011/08/17	13:00:40.0	XRT_Custom_421_OG [0x1a5]							
2011/08/17	15:00:40.0	XRT_Custom_421_OG [0x1a5]							
2011/08/17	17:00:40.0	XRT_Custom_426_OG [0x1aa]							
2011/08/17	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2011/08/17	19:00:18.0	XRT_Custom_416_OG [0x1a0]							
2011/08/17	19:00:28.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/17	19:00:30.0	XRT_TCIB_XRT_S_HTR_A_DIS_427_OG [0x1ab]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2011/08/17	20:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2011/08/17	23:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2011/08/18	02:34:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	02:35:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 2e f9 2e f9				
2011/08/18	02:37:32.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/08/18	02:37:52.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2011/08/18	02:37:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/08/18	02:37:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/08/18	02:37:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/18	02:38:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	02:44:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	02:45:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 2e f9 d1 07				
2011/08/18	02:47:32.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/08/18	02:47:52.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2011/08/18	02:47:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/08/18	02:47:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/08/18	02:47:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/18	02:48:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	02:54:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	02:55:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 d1 07 d1 07				
2011/08/18	02:57:32.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/08/18	02:57:52.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2011/08/18	02:57:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/08/18	02:57:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/08/18	02:57:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/18	02:58:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	03:04:54.0	XRT_CTRL_MANU_428_OG [0x1ac]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	03:05:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00 d1 07 2e f9				
2011/08/18	03:07:32.0	XRT_FOCUS_POSITION_435_OG [0x1b3]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/08/18	03:07:52.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2011/08/18	03:07:54.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				

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2011/08/18	03:07:56.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/08/18	03:07:58.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/18	03:08:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	03:14:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	03:15:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2011/08/18	03:17:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/08/18	03:17:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/08/18	03:17:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/08/18	03:17:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/08/18	03:17:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/18	03:17:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/18	03:17:56.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2011/08/18	03:17:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2011/08/18	03:18:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	03:38:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	03:38:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/18	03:38:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/08/18	03:41:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/08/18	04:09:30.0	XRT_Custom_418_OG [0x1a2]							
2011/08/18	04:10:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	05:15:30.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	05:15:32.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/18	05:15:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2011/08/18	05:18:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2011/08/18	05:48:00.0	XRT_Custom_418_OG [0x1a2]							
2011/08/18	05:49:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	05:59:54.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	05:59:56.0	XRT_FOCUS_POSITION_401_OG [0x191]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2011/08/18	06:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2011/08/18	06:00:16.0	XRT_FLD_DIS_402_OG [0x192]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2011/08/18	06:00:18.0	XRT_FLRCTRL_DIS_433_OG [0x1b1]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2011/08/18	06:00:20.0	XRT_ARS_DIS_438_OG [0x1b6]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/18	06:02:58.0	XRT_QT_PROG_SET_410_OG [0x19a]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2011/08/18	06:03:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	06:09:54.0	XRT_CTRL_MANU_439_OG [0x1b7]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	06:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2011/08/18	06:12:26.0	XRT_FOCUS_POSITION_409_OG [0x199]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2011/08/18	06:12:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2011/08/18	06:12:48.0	XRT_FLRCTRL_ENA_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2011/08/18	06:12:50.0	XRT_AEC_RESET_443_OG [0x1bb]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2011/08/18	06:12:52.0	XRT_ARS_DIS_431_OG [0x1af]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2011/08/18	06:12:54.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/18	06:12:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2011/08/18	06:12:58.0	XRT_FL_PROG_SET_414_OG [0x19e]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 08				
2011/08/18	06:13:00.0	XRT_CTRL_AUTO_406_OG [0x196]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2011/08/18	06:56:00.0	XRT_CTRL_MANU_408_OG [0x198]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2011/08/18	06:56:02.0	XRT_FLD_RESET_412_OG [0x19c]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2011/08/18	06:56:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]							

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2011/08/18	06:59:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/08/18	07:26:30.0	XRT_Custom_418_OG [0x1a2]				
2011/08/18	07:27:30.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/08/18	08:35:30.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/08/18	08:35:32.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/08/18	08:35:34.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/08/18	08:38:44.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/08/18	09:05:00.0	XRT_Custom_418_OG [0x1a2]				
2011/08/18	09:06:00.0	XRT_CTRL_AUTO_419_OG [0x1a3]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2011/08/18	10:17:00.0	XRT_CTRL_MANU_408_OG [0x198]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2011/08/18	10:17:02.0	XRT_FLD_RESET_412_OG [0x19c]	MDP_XRT_FLD_RESET	1	07-F0	da
2011/08/18	10:17:04.0	XRT_PREFLR_STRT_422_OG [0x1a6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2011/08/18	10:20:14.0	XRT_PREFLR_STOP_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2011/08/18	10:50:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00