

# XRT Timeline to be uploaded on 2015/03/19

Period: 2015/03/19 10:11:00 - 2015/03/24 11:00:00

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Normal mode

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XOB #1A1B: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 33ms													
Term	Pointing (x, y)						Comment						
03/19 10:24:00 - 03/19 17:52:30	Fixed ( -18.0, -940.0)						# OP start + 10min, HOP 206 at South Pole						
<b>PROG= 13 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 8 2-time(s) 2.0sec													
	Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 48 1-time(s) 30.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
└─ Subr= 3 30-time(s) 2.0sec													
└─ Seqn= 57 1-time(s) 60.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1A62: Synoptic Q95 2x2 - Al/mesh(8/128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(16/362/2048) + Thi													
Term	Pointing (x, y)						Comment						
03/19 18:19:00 - 03/19 18:25:54	Fixed ( 0.0, 0.0)						synoptic, shifted 16.0 min						
03/20 18:03:00 - 03/20 18:09:54	Fixed ( 0.0, 0.0)						synoptic						
03/21 06:06:30 - 03/21 06:13:24	Fixed ( 0.0, 0.0)						synoptic, shifted 3.5 min						
<b>PROG= 03 1-time(s)</b>													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 33 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	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													
	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= 40 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	354ms	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= 77 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	86ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 6 1-time(s) 2.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1A02: AR standard-B (thin-Be) with PFB (384FOV), 512x512 at 1064 1048, thick Al and Al/Poly context, With G-band (33ms/45ms leak), 5min cad													
Term	Pointing (x, y)						Comment						
03/19 18:29:00 - 03/20 03:59:54	Fixed ( 895.7, -272.8)						# AR 12297 at the limb.						
03/20 18:13:00 - 03/21 05:27:00	Fixed ( 895.7, -272.8)						# Observe AR 12297 as it goes beyond the limb.						
03/21 06:16:30 - 03/21 09:30:00	Fixed ( 895.7, -272.8)						# AR cont.						
<b>PROG= 14 Inf.-time(s)</b>													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 20 2-time(s) 2.0sec													
	Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
└─ Seqn= 75 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	32ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
└─ Subr= 2 2-time(s) 2.0sec													
└─ Seqn= 66 2-time(s) 2.0sec													
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	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
└─ Seqn= 85 7-time(s) 300.0sec													
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	17.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	17.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	17.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	17.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	17.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	17.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	17.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1A70: HOP 278 - Al/Poly, Ti/Poly, Al/mesh with FOV 512x512 at 1064 1048 with AEC 2, With G-band (33ms/45ms leak) and Dark (16sec), 2min cad**

Term	Pointing (x, y)	Comment
03/20 04:03:00 - 03/20 08:44:54	Fixed ( 887.7, -300.0)	# HOP 278 (streamer obs.)
03/20 09:18:00 - 03/20 10:47:00	Fixed ( 732.0, -600.0)	# HOP 278 (cavity obs. during totality)
03/20 11:38:00 - 03/20 17:59:54	Fixed ( 250.0, -929.0)	# HOP 278 (south polar coronal hole)

**PROG= 18 Inf.-time(s)**

Subr= 1	1-time(s)	2.0sec										
Seqn= 20	2-time(s)	2.0sec										
Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
Seqn= 75	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	32ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2	1-time(s)	2.0sec										
Seqn= 94	30-time(s)	120.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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**XOB #1A6B: Synoptic 8 Filter w/ Al-mesh(8/128/1024), Ti-poly(16/362/2048), Thin-Be(88/1024/5795) - Thick-Be(65536), Al-poly+Ti-poly(256/2048), Al-poly(45**

Term	Pointing (x, y)	Comment
03/20 08:48:00 - 03/20 08:54:54	Fixed ( 0.0, 0.0)	# XRT 8-filter synoptic (pre-totally)
03/20 11:06:45 - 03/20 11:14:54	Fixed ( 0.0, 0.0)	# XRT EPO movie of 3rd eclipse seen by Hinode + 8 filter synoptic (post totality)

**PROG= 01 1-time(s)**

Subr= 1	1-time(s)	12.0sec										
Seqn= 33	1-time(s)	4.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	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										
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= 40	1-time(s)	4.0sec										
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	354ms	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= 77	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	86ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 6	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	32ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2	1-time(s)	12.0sec										
Seqn= 46	1-time(s)	2.0sec										
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 25	1-time(s)	4.0sec										
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 21	1-time(s)	4.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 37	1-time(s)	2.0sec										
med-Al/Open	med-Al/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 25	1-time(s)	4.0sec										
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 21	1-time(s)	4.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 37	1-time(s)	2.0sec										
med-Al/Open	med-Al/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open	med-Al/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 46	1-time(s)	2.0sec										
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (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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**XOB #1A6F: HOP 280 (eclipse support) - G-band, Al/Mesh, Ti/Poly -1x1 -1024x1024**

Term	Pointing (x, y)	Comment
03/20 08:58:00 - 03/20 08:59:54	Fixed ( -528.4, -528.4)	# XRT 4 quadrant pointings 1/4
03/20 09:03:00 - 03/20 09:04:54	Fixed ( 528.4, -528.4)	# 2/4
03/20 09:08:00 - 03/20 09:09:54	Fixed ( 528.4, 528.4)	# 3/4
03/20 09:13:00 - 03/20 09:14:54	Fixed ( -528.4, 528.4)	# 4/4

03/20 11:18:00 - 03/20 11:19:54	Fixed ( -528.4, -528.4)	# XRT 4 quadrant pointings 1/4
03/20 11:23:00 - 03/20 11:24:54	Fixed ( 528.4, -528.4)	# 2/4
03/20 11:28:00 - 03/20 11:29:54	Fixed ( 528.4, 528.4)	# 3/4
03/20 11:33:00 - 03/20 11:34:54	Fixed ( -528.4, 528.4)	# 4/4

**PROG= 08 1-time(s)**

<b>Subr= 1 1-time(s) 2.0sec</b>	
└─ <b>Seqn= 92 1-time(s) 2.0sec</b>	
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 1024x1024 (1024, 1024) Q=98 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 32ms Obs 1x1 1024x1024 (1024, 1024) Q=98 0 0 2.0sec
└─ <b>Subr= 2 1-time(s) 2.0sec</b>	
└─ <b>Seqn= 9 2-time(s) 2.0sec</b>	
Open/Al-mesh	Open/Ti-poly close Safe Norm 2.00s Obs 1x1 1024x1024 (1024, 1024) Q=95 0 0 2.0sec
Open/Ti-poly	Open/thick-Al close Safe Norm 5.66s Obs 1x1 1024x1024 (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 #1A6E: Eclipse20150320\_Al-poly\_Movie\_DCpnt-duration-15min-20s cad**

Term	Pointing (x, y)	Comment
03/20 10:50:04 - 03/20 11:06:00	Fixed ( 0.0, 0.0)	# XRT EPO movie of 3rd eclipse seen by Hinode + 8 filter synoptic (post totality)

**PROG= 07 1-time(s)**

<b>Subr= 1 1-time(s) 2.0sec</b>	
└─ <b>Seqn= 54 1-time(s) 2.0sec</b>	
Open/G-band	Open/G-band close Safe Norm 32ms Obs 1x1 2048x2048 (1024, 1024) DPCM 0 0 2.0sec
Open/G-band	Open/G-band open Safe Norm 8ms Obs 2x2 2048x2048 (1024, 1024) Q=90 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly close Safe Norm 16ms Obs 2x2 2048x2048 (1024, 1024) Q=92 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly close Safe Norm 354ms Obs 2x2 2048x2048 (1024, 1024) Q=92 0 0 2.0sec
Open/Ti-poly	Open/Ti-poly close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=92 0 0 2.0sec
Al-poly/Open	Al-poly/Open close Safe Norm 8ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Al-poly/Open	Al-poly/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
└─ <b>Subr= 2 1-time(s) 2.0sec</b>	
└─ <b>Seqn= 61 45-time(s) 20.0sec</b>	
Al-poly/Open	Al-poly/Open close Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024) Q=92 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 #1A61: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512**

Term	Pointing (x, y)	Comment
03/19 10:24:00 - 03/19 17:52:30	Fixed ( -18.0, -940.0)	# OP start + 10min, HOP 206 at South Pole
03/19 18:29:00 - 03/20 03:59:54	Fixed ( 895.7, -272.8)	# AR 12297 at the limb.
03/20 18:13:00 - 03/21 05:27:00	Fixed ( 895.7, -272.8)	# Observe AR 12297 as it goes beyond the limb.
03/21 06:16:30 - 03/21 09:30:00	Fixed ( 895.7, -272.8)	# AR cont.

**PROG= 19 30-time(s)**

<b>Subr= 1 20-time(s) 2.0sec</b>	
└─ <b>Seqn= 11 1-time(s) 2.0sec</b>	
Al-poly/Open	Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
└─ <b>Seqn=100 1-time(s) 10.0sec</b>	
thin-Be/Open	med-Be/Open close Safe Norm 125ms Obs 1x1 384x384 (1024, 1024) Q=95 2 0 2.0sec
med-Be/Open	Open/thick-Al close Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
Open/thick-Al	Open/thick-Be close Safe Norm 1.00s Obs 1x1 384x384 (1024, 1024) Q=95 3 0 2.0sec
└─ <b>Subr= 2 1-time(s) 2.0sec</b>	
└─ <b>Seqn= 10 1-time(s) 2.0sec</b>	
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
└─ <b>Seqn= 11 1-time(s) 2.0sec</b>	
Al-poly/Open	Al-poly/thick-Al close Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) Q=95 2 0 2.0sec
└─ <b>Seqn= 15 1-time(s) 2.0sec</b>	
Open/G-band	Open/G-band open Safe Norm 44ms Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Open/thick-Al	Open/thick-Al close Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024) Q=98 0 0 2.0sec
Open/thick-Al	Open/thick-Al close Safe Dark 1.00s Obs 2x2 512x512 (1024, 1024) Q=98 0 0 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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**Active Region Search**

\* \* \* \* \*

NOT USED

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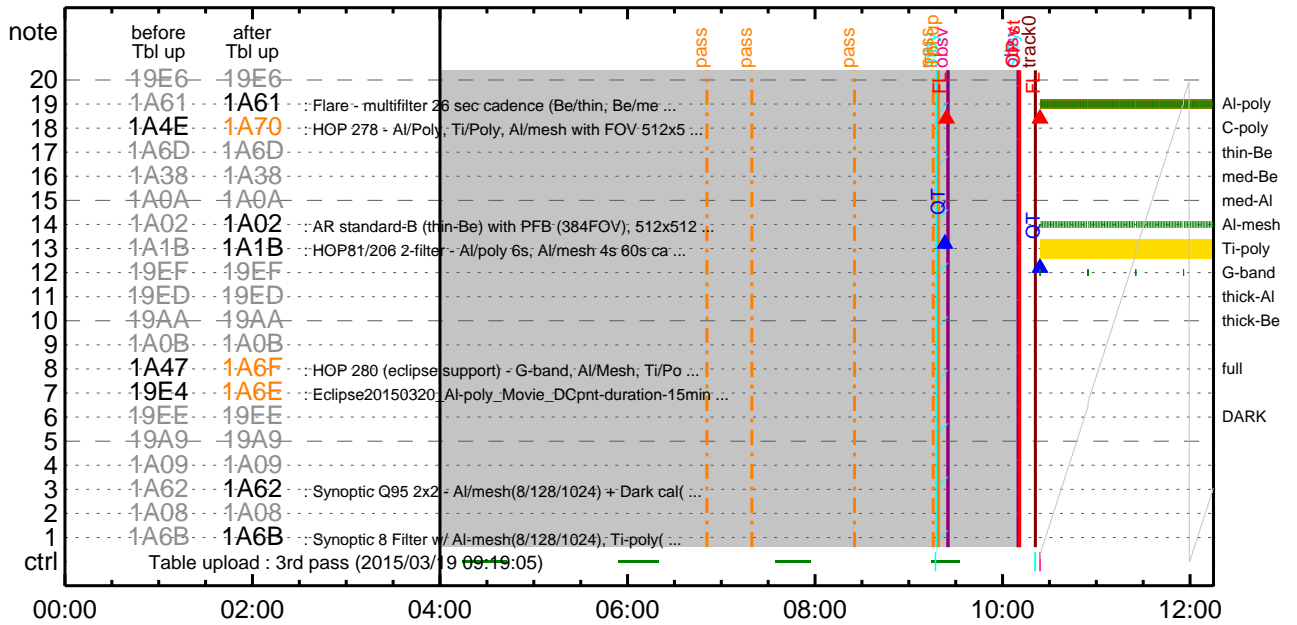
**Flare Detection**

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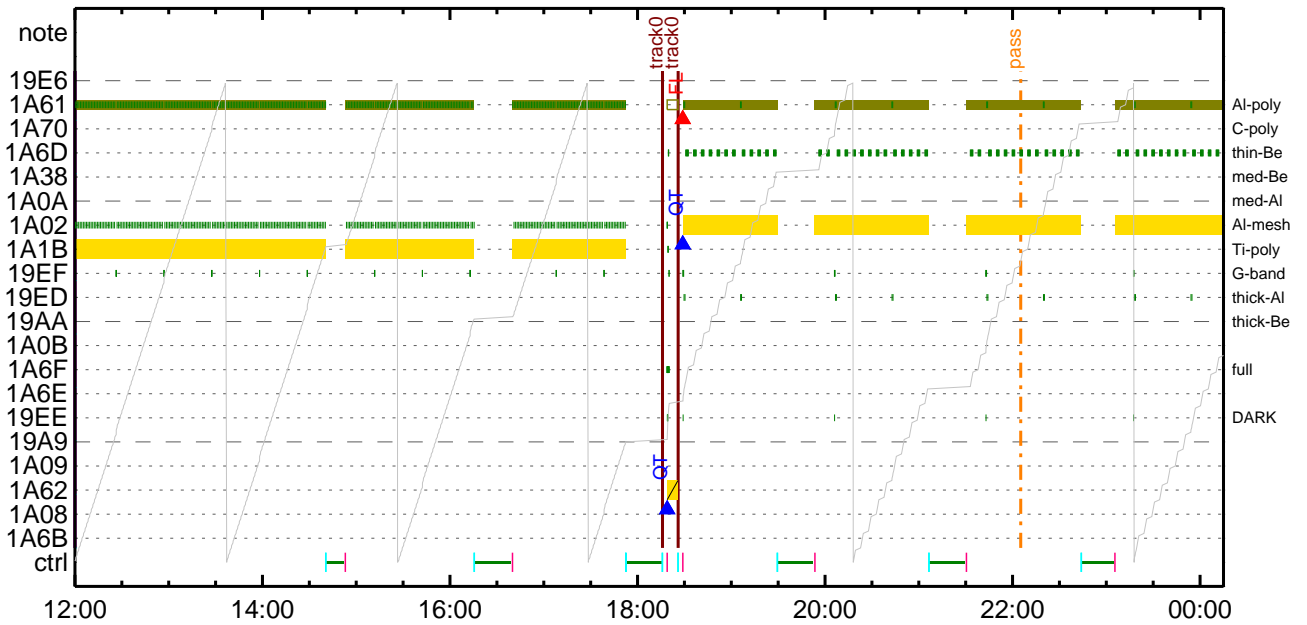
**FLD Patrol**

Term	Pointing (x, y)	Comment
03/19 18:26:18 - 03/20 04:00:18	Fixed ( 895.7, -272.8)	# AR 12297 at the limb.
03/20 18:10:18 - 03/21 06:03:48	Fixed ( 895.7, -272.8)	# Observe AR 12297 as it goes beyond the limb.
03/21 06:13:48 - 03/24 11:00:00	Fixed ( 895.7, -272.8)	# AR cont.
Open/Ti-poly	Open/thick-Al close Safe Norm 8ms Obs 8x8 Q=50 30sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

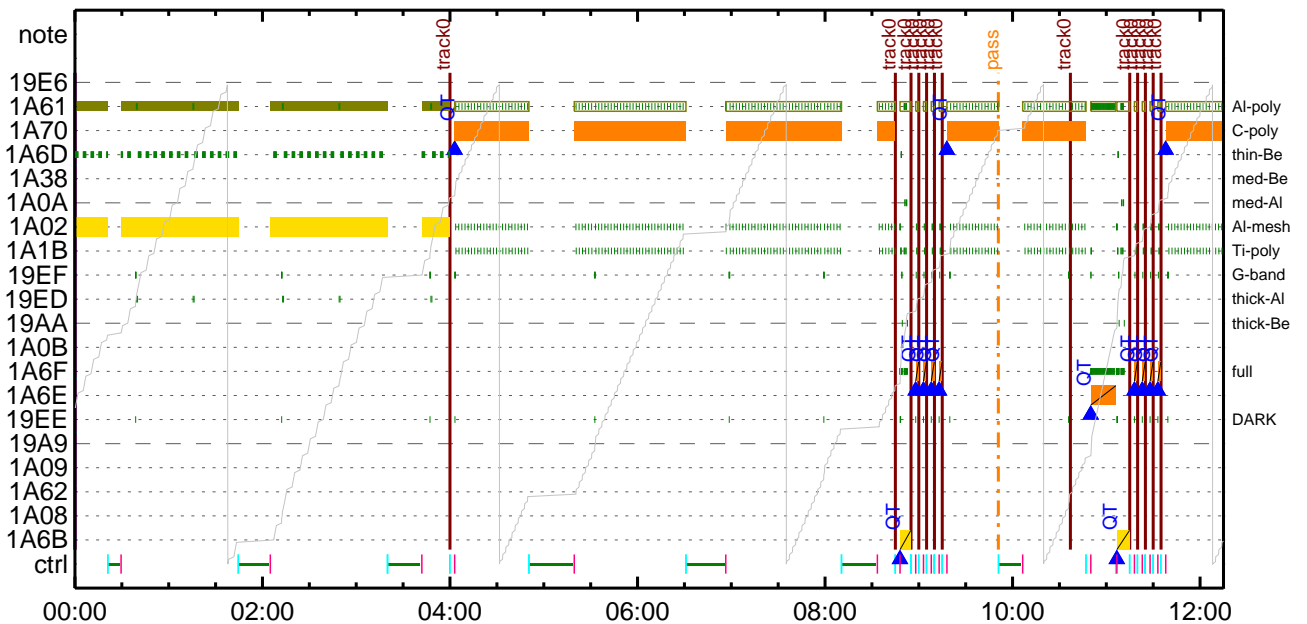
### CMDI #0999 2015/03/19



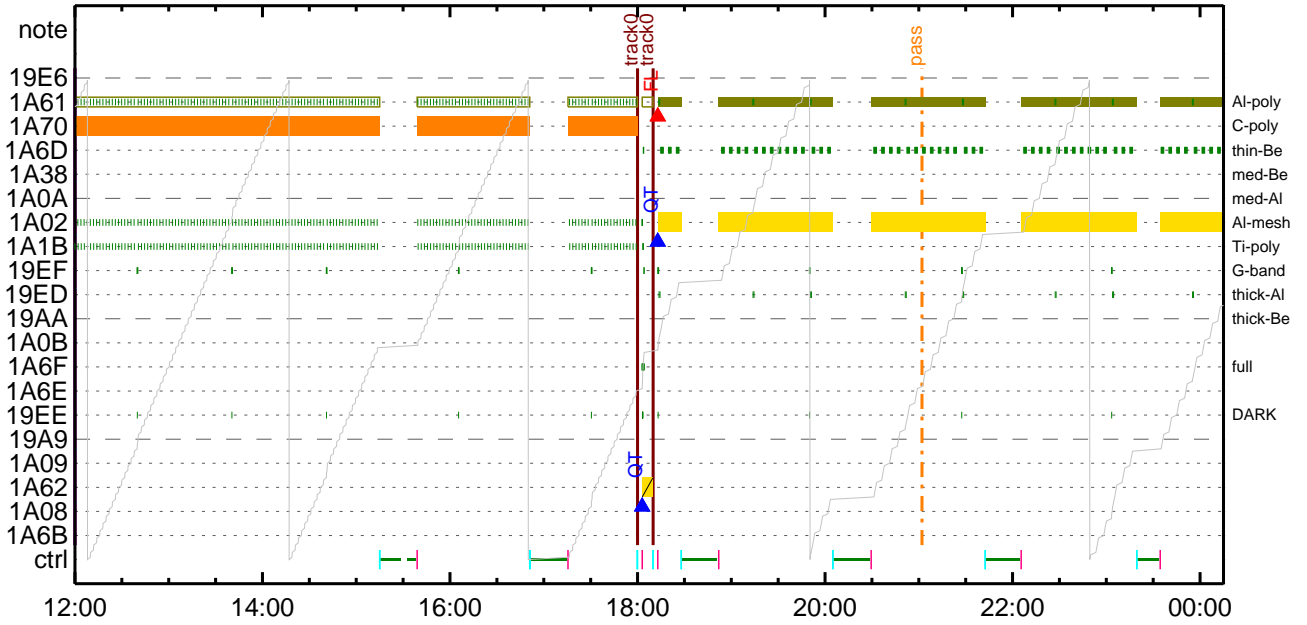
### CMDI #0999 2015/03/19



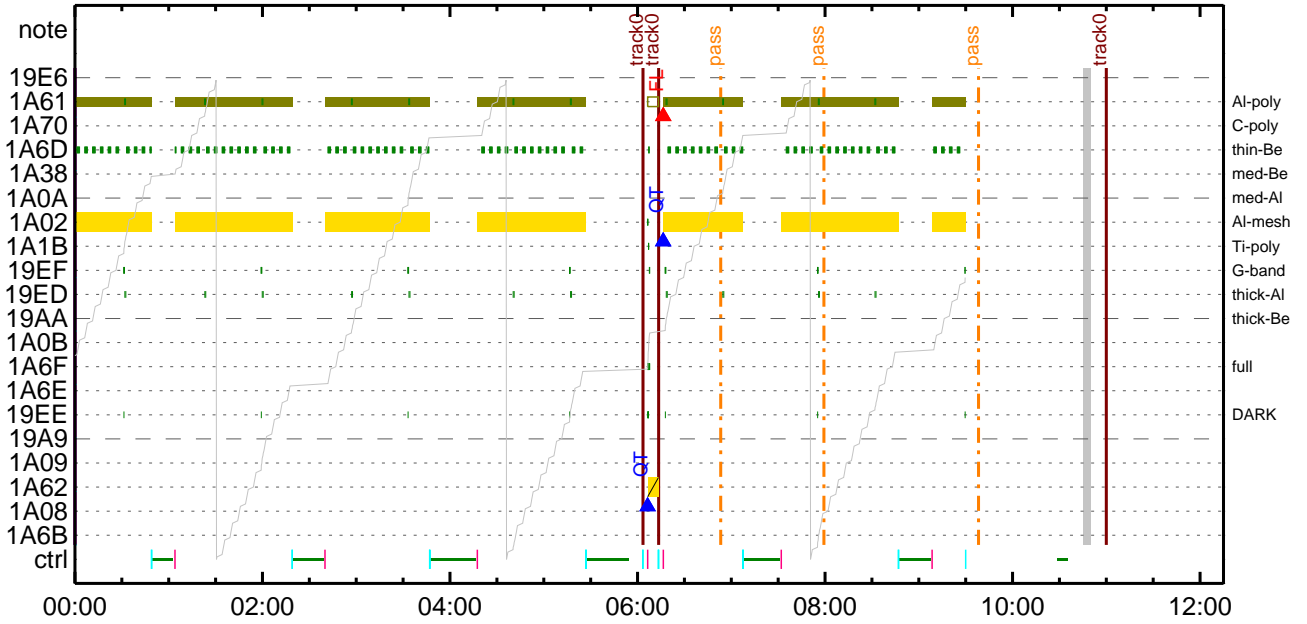
### CMDI #0999 2015/03/20



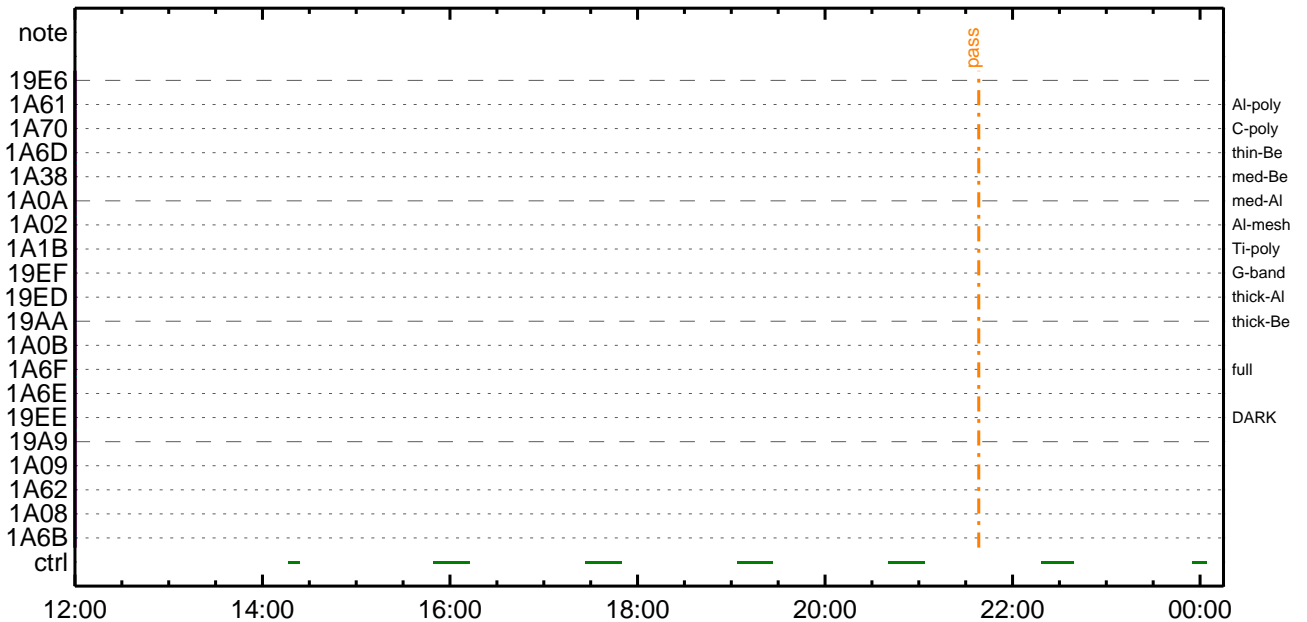
CMDI #0999 2015/03/20



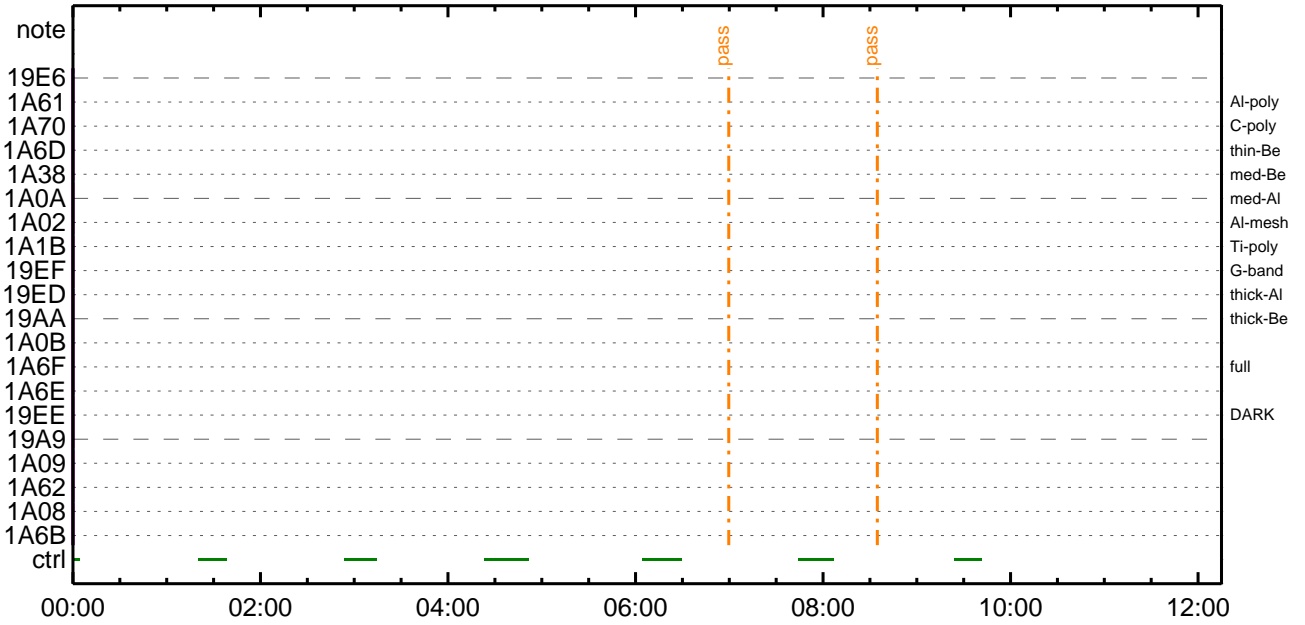
CMDI #0999 2015/03/21



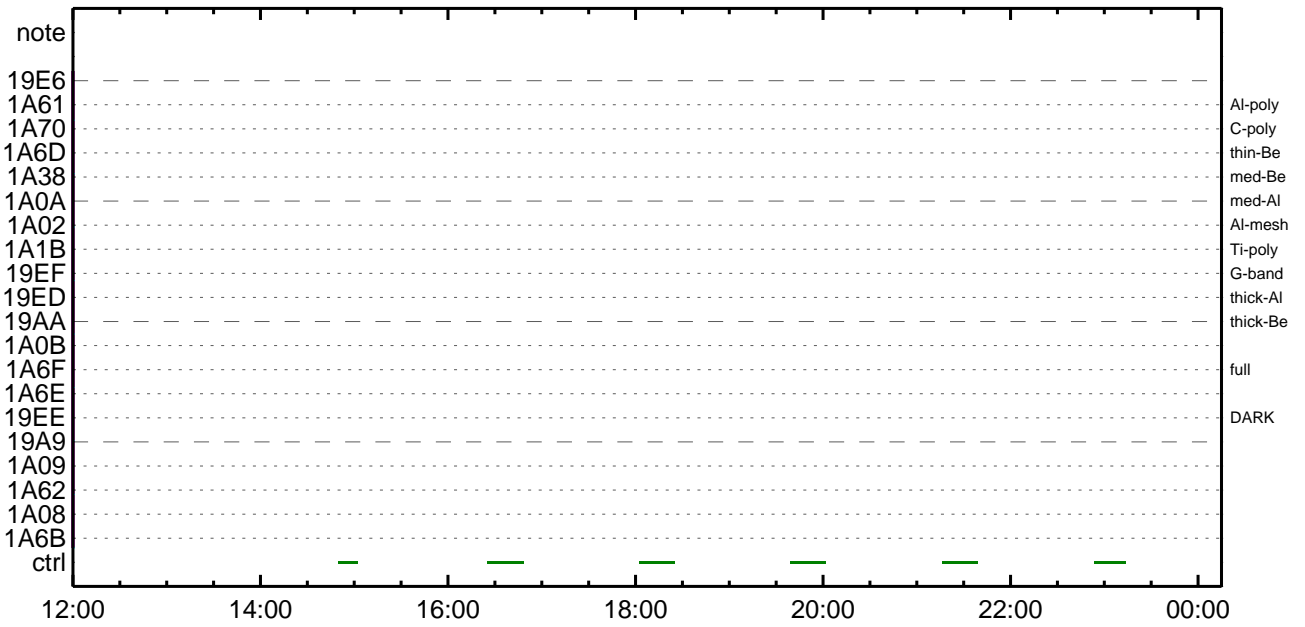
CMDI #0999 2015/03/21



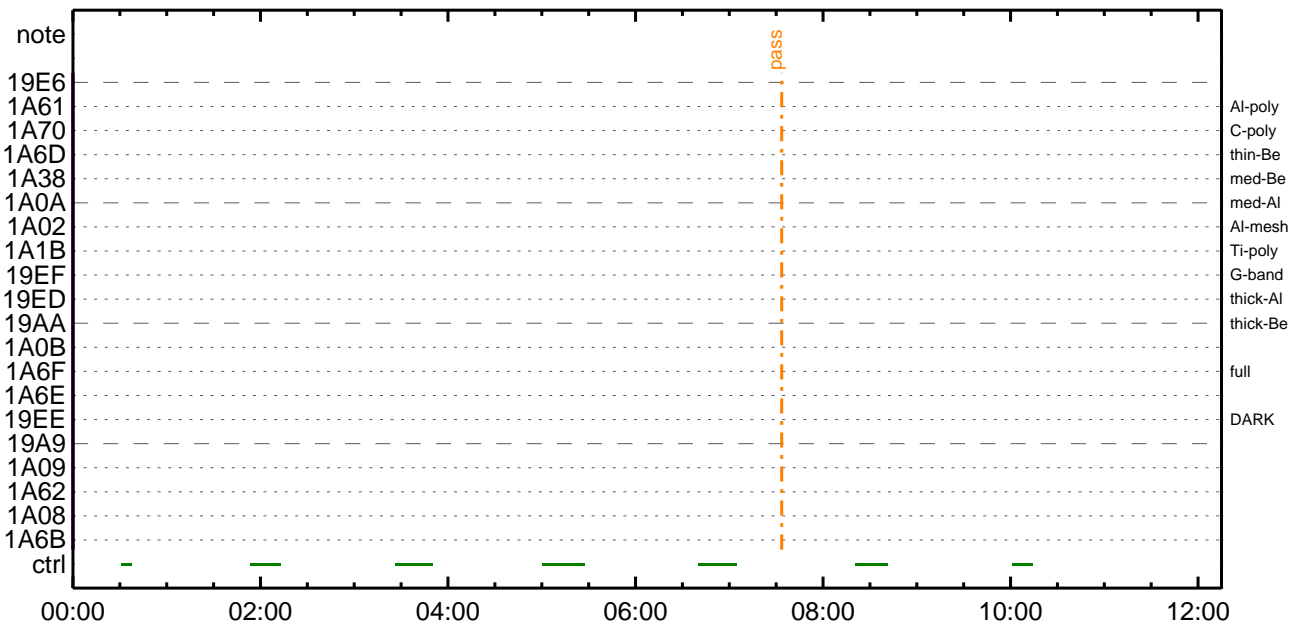
CMDI #0999 2015/03/22



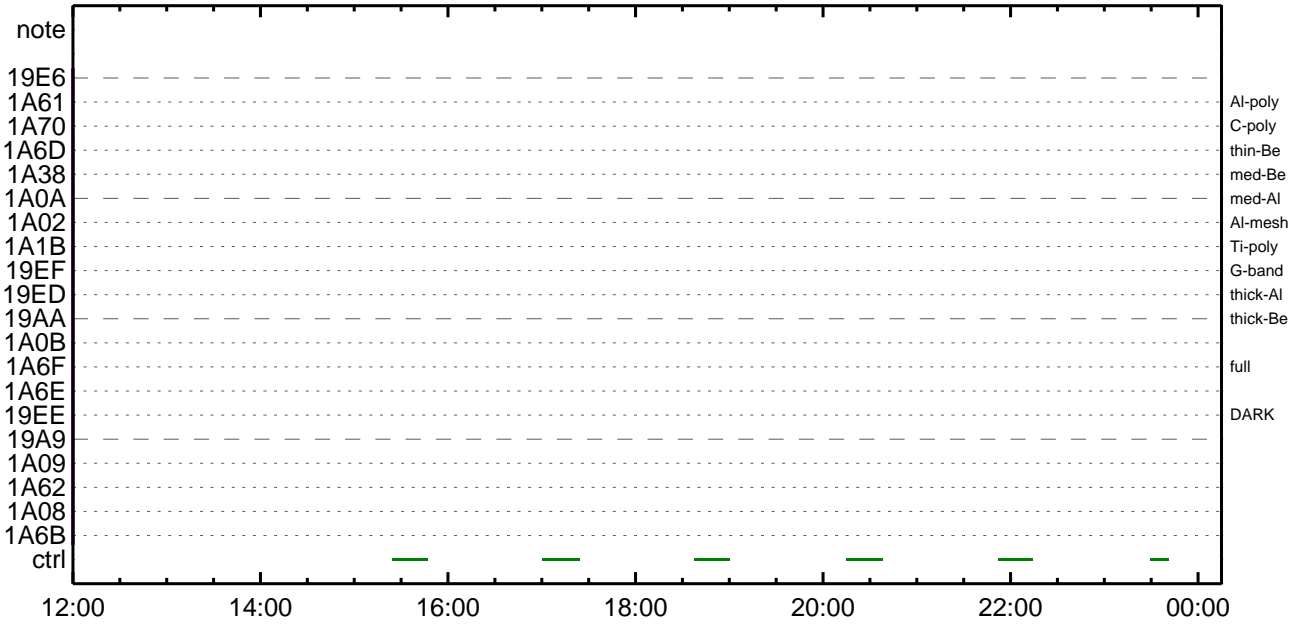
CMDI #0999 2015/03/22



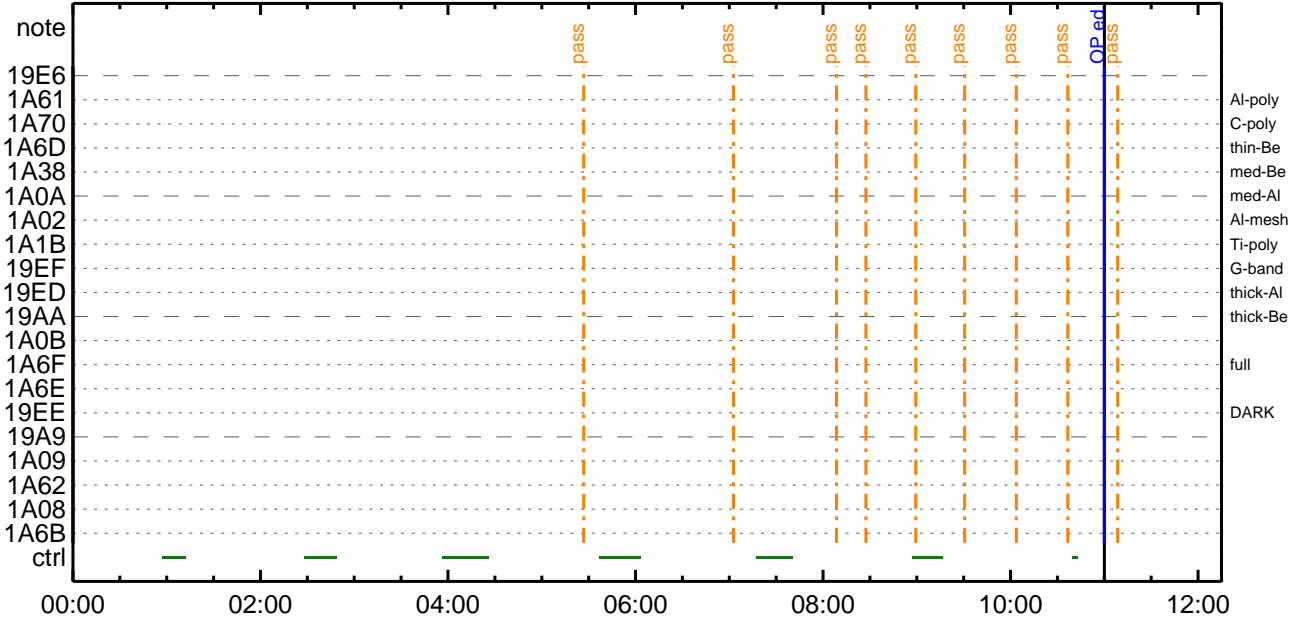
CMDI #0999 2015/03/23



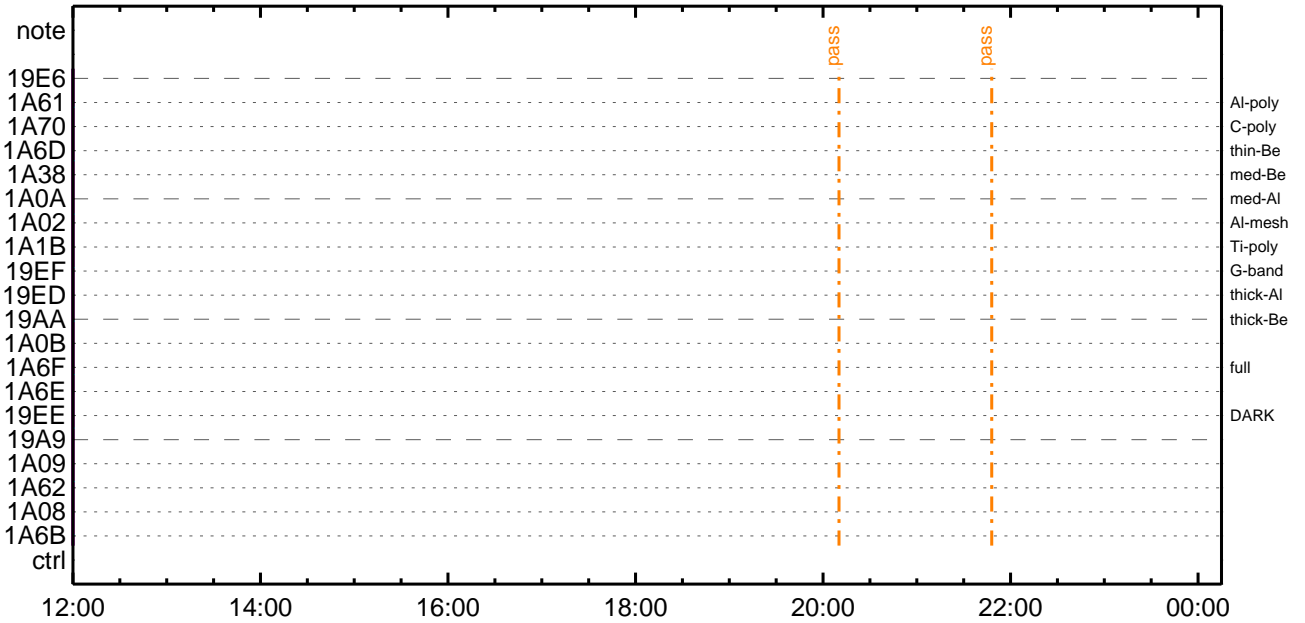
CMDI #0999 2015/03/23



CMDI #0999 2015/03/24



CMDI #0999 2015/03/24



(a) Spacecraft Operation Procedure (real-commands)

```
main-021 2015-03-19 14:09:36 205 33 SOLAR-B MAIN //
0001 . C.
0002 . C. ***** AOS *****
0003 . C.
0004 . C. ;ãAOSYÃYŞYÄY`¼Ä»Ü;ã
0005 . C.
0006 . C. YÃYŞ;¼YŞ³YFÏÖYÉÄ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 . C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 . C. Āí;È□¿□Ã□•µ°Ë»Í×ÁÇ□İYçYÃY×Yİ;¼YÉ;ÈÈèµ•íÊ;È□È¼°ÇÓ□•□¿¼l¹ç□İ;çÄ®, ù□¹□è□ß□çÄ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 . C.
0013 . C.
0014 . C. *****
0015 . C. OP/OGYİ;¼YÉ;|YÃYÖY×
0016 . C. *****
0017 . C.
0018 . C. ;ãOP/OGYİ;¼YÉ;ä
0019 . S. OP op-021:OP
0020 . C.
0021 . S. OG og-021:OG
0022 . C.
0023 . C.
0024 . C. ;ãNMOG&OPİ°èYÃYÖY×;ã
0025 . C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027 . BC (20 00 7f 01 02)
0028 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0029 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0030 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0031 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0032 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034 . BC (07 0b f8)
0035 . C. çç[HK1_PKT_FORM_NO] EQ 7
0036 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0037 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0038 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0039 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0040 . C. YÃYÖY×½ªİ»□δ³İÇŞ
0041 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOG□İ½È¹ç•è²İOK□δ³İÇŞ
0043 . C.
0044 . C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046 . BC (20 80 7f 01 02)
0047 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0048 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0049 . C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0050 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0051 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053 . BC (07 0b f8)
0054 . C. çç[HK1_PKT_FORM_NO] EQ 7
0055 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0056 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0057 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0058 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0059 . C. YÃYÖY×½ªİ»□δ³İÇŞ
0060 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOG□İ½È¹ç•è²İOK□δ³İÇŞ
0062 . C.
0063 . C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065 . BC (21 00 41 01 02)
0066 . C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0067 . C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0068 . C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0069 . C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0070 . C. çç[HK1_DMA_DMP_PIM] EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072 . BC (07 0b f8)
0073 . C. çç[HK1_PKT_FORM_NO] EQ 7
0074 . C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0075 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0076 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0077 . C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0078 . C. YÃYÖY×½ªİ»□δ³İÇŞ
0079 . C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG,RAM ID=OP□İ½È¹ç•è²İOK□δ³İÇŞ
0081 . C.
0082 . C. ***** °È²¼□İ¼Ä´¼¼°□ÈÈ-□□Ä+¿® (¼¼µ-YÃYÖY×½¼¼ç□δ³ÄÓÄæç¼ª□□¼¼¼i¹ç□ç□â) *****
0083 . C. DHUYâ;¼YÉ;ÈY¼;Yİ;¼YÉ;È□øİä□¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085 . BC (02 0a f8)
0086 . C. çç[HK1_PKT_FORM_NO] EQ 2
0087 . C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0088 . C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0089 . C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0090 . C.
0091 . C. *****
0092 . C. TI-CMD SET (OPOG STOP/COPY/START)
0093 . C. *****
0094 . C.
0095 . C. NOTICE |ş OPOG UPLOAD□-Ä+¿®NG□İ½İ¹ç;ç°È²¼□İTI-CMDÄ+¿®□İ¼Ä¹Ö□□È□□□³□È;f
```



```

0096 C.      01-03-19 10:06:00.0
0097 C.
0098 C.      TI 2015-03-19 10:06:00.0
0099 +. TI 2015-03-19 10:06:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.      EQ      1COUNTUP
0102 C.
0103 +. TI 2015-03-19 10:06:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.      EQ      1COUNTUP
0106 C.
0107 +. TI 2015-03-19 10:06:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.      EQ      1COUNTUP
0110 C.
0111 +. TI 2015-03-19 10:10:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.      EQ      1COUNTUP
0114 C.
0115 C.      *****
0116 C.      EQ      ENA
0117 C.      EQ      4
0118 C.      EQ      DHU
0119 C.      EQ      0xB3
0120 C.
0121 C.      *****
0122 C.      *****
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.      EQ      07
0129 C.      EQ      2B
0130 C.      EQ      3
0131 C.      EQ      0
0132 C.      EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC      (07 0b f8)
0135 C.      EQ      7
0136 C.      EQ      0.25 s
0137 C.      EQ      32k
0138 C.      EQ      4M
0139 C.      EQ      EXEC
0140 C.
0141 C.      *****
0142 C.      EQ      NON
0143 C.
0144 C.      *****
0145 C.
0146 C.      *****
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC      (02 0a f8)
0149 C.      EQ      2
0150 C.      EQ      0.5S
0151 C.      EQ      32K
0152 C.      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 2015-03-19 10:10:16.0
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 2015-03-19 10:10:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC      (21 02)
0174 +. TI 2015-03-19 10:10:40.0
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 2015-03-19 10:10:00.0
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 '01-03-19 10:10:00.0 *****
0192 C.      (01-03-19 10:10:00.0)
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. ;ãLOSŸÁŸSŸÃŸ-¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```





(a) Spacecraft Operation Procedure (real-commands)

```

main-023 2015-03-19 14:09:36 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ä
0005 C.
0006 C. YÀYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÁò•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈèµ•íÉ;ÈÈÈ¼°ÇÒò•ò¿¼ì¹çòÍ;çÀ®, ùò¹òèòòòçÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-262:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2015-03-19 10:10:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 . C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR ____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 08 08)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 85 83 06 06)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 20)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 20 08)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 80 08 20)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 80 80 10 10)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 + DC 07-F0 MDP_XRT_FLD_ENA
0091 BC (d8)
0092 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0093 BC (c8)
0094 + DC 07-F0 MDP_XRT_AEC_RESET
0095 BC (d0)

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0096 + DC 07-F0 MDP_XRT_ARS_DIS
0097 BC (d5)
0098 + DC 07-F0 MDP_XRT_FLD_RESET
0099 BC (da)
0100 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0101 BC (c4 0e)
0102 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0103 BC (c5 13)
0104 . C. ----- Success Verify ? OK / NG ____
0105 C.
0106 C.
0107 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0108 C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110 BC (c2)
0111 +. TI 2015-03-19 10:10:02.0
0112 DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC (c2)
0114 . C. ----- Success Verify ? OK / NG ____
0115 C.
0116 C. ***** XRT END *****
0117 C.
0118 . C. ***** MDP `ûÃîñî»ö¼ÿñÈÂðñ¹ñèDCBC•x²è *****
0119 C. (¼ã°îÿÓÿÃÿÈÿPÿÈÿãÿçÿèñ¼¼ã¼Ã»Ûñ¹ñè)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 C.
0123 C.
0124 . C. ***** ÿDÿ¹•ï Daily±;îññÈ´øñ¹ñèDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 C.
0128 C.
0129 . C. ;ãLOSÿÃÿSÿÿÃÿ-¼Ã»Û;ã
0130 C.
0131 . C. ***** LOS *****
0132 C.

```

Mar 19, 15 14:09

XRT\_OGLIST\_0999.chk

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\*\*\* OP Sequence for XRT \*\*\*

2015/03/19	10:20:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	10:20:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	10:20:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/03/19	10:21:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 53 8d 01 99				
2015/03/19	10:21:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/19	10:21:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/19	10:21:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/19	10:21:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/19	10:21:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/19	10:23:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2015/03/19	10:23:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/03/19	10:24:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/19	14:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	14:40:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	14:40:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/19	14:40:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/19	14:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/19	14:52:00.0	XRT_Custom_430_OG [0x1ae]							
2015/03/19	14:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/19	16:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	16:15:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	16:15:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/19	16:15:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/19	16:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/19	16:39:00.0	XRT_Custom_430_OG [0x1ae]							
2015/03/19	16:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/19	17:52:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	17:52:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	17:52:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/19	17:52:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/19	17:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/19	18:15:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	18:15:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	18:15:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/03/19	18:16:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2015/03/19	18:16:18.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/03/19	18:18:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/03/19	18:18:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/19	18:18:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2015/03/19	18:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/19	18:25:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	18:25:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/19	18:25:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/03/19	18:26:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 18 41 b0 63				
2015/03/19	18:26:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/19	18:26:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/19	18:26:22.0	XRT_AEC_RESET_413_OG [0x19d]							

2015/03/19	18:26:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
			MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/19	18:26:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/19	18:28:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2015/03/19	18:28:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/03/19	18:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/19	19:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/19	19:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/19	19:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/19	19:29:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/19	19:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/19	19:52:30.0	XRT_Custom_430_OG [0x1ae]				
2015/03/19	19:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/19	21:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/19	21:06:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/19	21:06:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/19	21:06:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/19	21:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/19	21:29:30.0	XRT_Custom_430_OG [0x1ae]				
2015/03/19	21:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/19	22:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/19	22:44:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/19	22:44:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/19	22:44:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/19	22:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/19	23:04:30.0	XRT_Custom_430_OG [0x1ae]				
2015/03/19	23:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	00:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	00:21:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	00:21:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/20	00:21:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	00:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	00:28:30.0	XRT_Custom_430_OG [0x1ae]				
2015/03/20	00:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	01:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	01:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	01:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/20	01:44:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	01:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	02:04:00.0	XRT_Custom_430_OG [0x1ae]				
2015/03/20	02:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	03:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	03:20:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	03:20:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/20	03:20:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	03:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	03:41:00.0	XRT_Custom_430_OG [0x1ae]				
2015/03/20	03:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1



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2015/03/20	03:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/03/20	04:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00	1a	a7	b1 17
2015/03/20	04:00:18.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0		d9		
2015/03/20	04:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2015/03/20	04:02:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2015/03/20	04:02:58.0	XRT_QT_PROG_SET_441_OG [0x1b9] MDP_XRT_QT_PROG_SET	2	07-F0		c4	12	
2015/03/20	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/03/20	04:50:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	04:50:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	04:50:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/03/20	04:50:36.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2015/03/20	04:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2015/03/20	05:18:30.0	XRT_Custom_430_OG [0x1ae]						
2015/03/20	05:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/03/20	06:31:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	06:31:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	06:31:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/03/20	06:31:06.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2015/03/20	06:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2015/03/20	06:55:30.0	XRT_Custom_430_OG [0x1ae]						
2015/03/20	06:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/03/20	08:10:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	08:10:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	08:10:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da		
2015/03/20	08:10:36.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0		e8		
2015/03/20	08:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9		
2015/03/20	08:32:30.0	XRT_Custom_430_OG [0x1ae]						
2015/03/20	08:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/03/20	08:44:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	08:44:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	08:44:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2015/03/20	08:45:00.0	AOCS_Ore-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00	00	00	00 00
2015/03/20	08:45:18.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0		d9		
2015/03/20	08:47:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2015/03/20	08:47:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2015/03/20	08:47:58.0	XRT_QT_PROG_SET_425_OG [0x1a9] MDP_XRT_QT_PROG_SET	2	07-F0		c4	01	
2015/03/20	08:48:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/03/20	08:54:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	08:54:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	08:54:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2015/03/20	08:55:00.0	AOCS_Ore-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00	2e	f9	2e f9
2015/03/20	08:55:18.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0		d9		
2015/03/20	08:57:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9		
2015/03/20	08:57:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5		
2015/03/20	08:57:58.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0		c4	08	
2015/03/20	08:58:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0		
2015/03/20	08:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		
2015/03/20	08:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1		

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2015/03/20	08:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	09:00:00.0	AOCs_Ore-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 2e f9 d1 07
2015/03/20	09:00:18.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	09:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	09:02:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	09:02:58.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2015/03/20	09:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	09:04:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:04:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:04:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	09:05:00.0	AOCs_Ore-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00 d1 07 d1 07
2015/03/20	09:05:18.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	09:07:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	09:07:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	09:07:58.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2015/03/20	09:08:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	09:09:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:09:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	09:10:00.0	AOCs_Ore-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	00 d1 07 2e f9
2015/03/20	09:10:18.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	09:12:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	09:12:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	09:12:58.0	XRT_QT_PROG_SET_436_OG [0x1b4] MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2015/03/20	09:13:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	09:14:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:14:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/03/20	09:15:00.0	AOCs_Ore-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00 35 58 be f2
2015/03/20	09:15:18.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	09:17:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	09:17:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	09:17:58.0	XRT_QT_PROG_SET_441_OG [0x1b9] MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2015/03/20	09:18:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	09:51:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:51:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	09:51:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/20	09:51:06.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	09:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	10:05:30.0	XRT_Custom_430_OG [0x1ae]			
2015/03/20	10:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	10:37:00.0	AOCs_Ore-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00
2015/03/20	10:47:00.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	10:47:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	10:47:04.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	10:47:24.0	XRT_FLD_DIS_446_OG [0x1be] MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	10:49:58.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

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2015/03/20	10:50:00.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	10:50:02.0	XRT_QT_PROG_SET_429_OG [0x1ad]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2015/03/20	10:50:04.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	11:06:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:06:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:06:04.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	11:06:24.0	XRT_FLD_DIS_414_OG [0x19e]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	11:06:39.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	11:06:41.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	11:06:43.0	XRT_QT_PROG_SET_425_OG [0x1a9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2015/03/20	11:06:45.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	11:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:14:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:14:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	11:15:00.0	AOCS_Or-e-point_Start_5_OG [0x09b]			
		AOCU_NM	5	02-76	00 2e f9 2e f9
2015/03/20	11:15:18.0	XRT_FLD_DIS_422_OG [0x1a6]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	11:17:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	11:17:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	11:17:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2015/03/20	11:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	11:19:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:19:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:19:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	11:20:00.0	AOCS_Or-e-point_Start_6_OG [0x09c]			
		AOCU_NM	5	02-76	00 2e f9 d1 07
2015/03/20	11:20:18.0	XRT_FLD_DIS_422_OG [0x1a6]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	11:22:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	11:22:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	11:22:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2015/03/20	11:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	11:24:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:24:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:24:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	11:25:00.0	AOCS_Or-e-point_Start_7_OG [0x09d]			
		AOCU_NM	5	02-76	00 d1 07 d1 07
2015/03/20	11:25:18.0	XRT_FLD_DIS_422_OG [0x1a6]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	11:27:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	11:27:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	11:27:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2015/03/20	11:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:29:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	11:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/20	11:30:00.0	AOCS_Or-e-point_Start_8_OG [0x09e]			
		AOCU_NM	5	02-76	00 d1 07 2e f9
2015/03/20	11:30:18.0	XRT_FLD_DIS_422_OG [0x1a6]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2015/03/20	11:32:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2015/03/20	11:32:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/20	11:32:58.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2015/03/20	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]			

2015/03/20	11:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	11:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	11:34:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/03/20	11:35:00.0	AOCS_ORe-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 52 97 e9 cb	
2015/03/20	11:35:18.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/03/20	11:37:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/03/20	11:37:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/20	11:37:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2015/03/20	11:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/20	15:15:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	15:15:03.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	15:15:05.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/20	15:15:07.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/20	15:18:15.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/20	15:38:00.0	XRT_Custom_430_OG [0x1ae]					
2015/03/20	15:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/20	16:51:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	16:51:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	16:51:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/20	16:51:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/20	16:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/20	17:14:30.0	XRT_Custom_430_OG [0x1ae]					
2015/03/20	17:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/20	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2015/03/20	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2015/03/20	18:00:18.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/03/20	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/03/20	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/20	18:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2015/03/20	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/20	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/03/20	18:10:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 18 41 b0 63	
2015/03/20	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/20	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/20	18:10:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/20	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/20	18:10:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/20	18:12:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2015/03/20	18:12:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/03/20	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/20	18:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	18:28:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/20	18:28:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	

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2015/03/20	18:28:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	18:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	18:51:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/20	18:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	20:05:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	20:05:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	20:05:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/20	20:05:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	20:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	20:28:30.0	XRT_Custom_430_OG [0x1ae]			
2015/03/20	20:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	21:42:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	21:42:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	21:42:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/20	21:42:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	21:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	22:04:30.0	XRT_Custom_430_OG [0x1ae]			
2015/03/20	22:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/20	23:19:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	23:19:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/20	23:19:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/20	23:19:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/20	23:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/20	23:33:30.0	XRT_Custom_430_OG [0x1ae]			
2015/03/20	23:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/21	00:49:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	00:49:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	00:49:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	00:49:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/21	00:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/21	01:03:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/21	01:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/21	02:19:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	02:19:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	02:19:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	02:19:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/21	02:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/21	02:39:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/21	02:40:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/21	03:47:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	03:47:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	03:47:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	03:47:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/21	03:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/21	04:16:30.0	XRT_Custom_430_OG [0x1ae]			
2015/03/21	04:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/21	05:27:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	05:27:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	05:27:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	05:27:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8

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2015/03/21	05:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/21	06:03:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	06:03:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	06:03:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/03/21	06:03:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2015/03/21	06:03:48.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/03/21	06:06:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/03/21	06:06:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/21	06:06:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2015/03/21	06:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/21	06:13:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	06:13:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	06:13:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/03/21	06:13:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 18 41 b0 63				
2015/03/21	06:13:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/21	06:13:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/21	06:13:52.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/21	06:13:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/21	06:13:56.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/21	06:16:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2015/03/21	06:16:28.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/03/21	06:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/21	07:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	07:07:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	07:07:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/21	07:07:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/21	07:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/21	07:31:00.0	XRT_Custom_430_OG [0x1ae]							
2015/03/21	07:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/21	08:47:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	08:47:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	08:47:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/21	08:47:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/21	08:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/21	09:07:30.0	XRT_Custom_430_OG [0x1ae]							
2015/03/21	09:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/21	09:30:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	11:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				