

XRT Timeline to be uploaded on 2014/03/18

Period: 2014/03/18 09:34:00 - 2014/03/21 11:22:00

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Normal mode

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XOB #19C3: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 45ms-2													
Term	Pointing (x, y)		Comment										
03/18 09:47:00 - 03/18 17:47:00	Fixed (-15.0, -940.0)		# OP start + 10min, HOP 206 at South Pole										
PROG= 18 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 13 2-time(s) 2.0sec													
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec													
└─ Seqn= 30 1-time(s) 30.0sec													
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
└─ Subr= 3 30-time(s) 2.0sec													
└─ Seqn= 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 #19FE: Synoptic Q95 2x2 - Al/mesh(3/128/723) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(8/362/1443) + Thin...													
Term	Pointing (x, y)		Comment										
03/18 18:13:30 - 03/18 18:20:24	Fixed (0.0, 0.0)		synoptic, shifted 10.5 min										
03/19 06:00:30 - 03/19 06:07:24	Fixed (0.0, 0.0)		synoptic, shifted -2.5 min										
03/19 18:03:00 - 03/19 18:23:00	Fixed (0.0, 0.0)		synoptic										
03/20 05:53:30 - 03/20 06:00:24	Fixed (0.0, 0.0)		synoptic										
PROG= 17 1-time(s)													
└─ Subr= 1 1-time(s) 12.0sec													
└─ Seqn= 35 1-time(s) 4.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	3ms	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	707ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 5 1-time(s) 2.0sec													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
└─ Seqn= 72 1-time(s) 4.0sec													
	Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	8ms	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	1.41s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 67 1-time(s) 2.0sec													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	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= 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										
03/18 18:23:30 - 03/19 05:57:24	Track (-142.2, 345.1) @ 03/18 18:20:30		# Observe AR 12005										
03/19 06:10:30 - 03/19 08:41:54	Track (-36.4, 346.1) @ 03/19 06:07:30		# AR 12005										
03/19 10:03:00 - 03/19 11:49:54	Track (-1.5, 346.1) @ 03/19 10:00:00		# AR 12005 continued. HOP 247 from 10-15UT.										
03/19 15:34:00 - 03/19 17:29:54	Track (-1.5, 346.1) @ 03/19 10:00:00		# AR 12005 continued. HOP 247 from 10-15UT.										
PROG= 06 Inf.-time(s)													
└─ Subr= 1 1-time(s) 2.0sec													
└─ Seqn= 71 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= 65 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= 34 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= 27 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
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XOB #19EE: AR Standard-B(Morphology), Be/thin 48s-cad, multifilter PFB (Al/poly, Be/thin, Be/med), multifilter context, 384x384, 1064x1048, G-band (33ms)

Term	Pointing (x, y)	Comment
03/19 08:45:00 - 03/19 09:46:00	Track (179.5, 296.1) @ 03/19 08:42:00	# HOP 250 on sunspot in AR 12005

PROG= 14 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec											
Seqn= 8 1-time(s) 2.0sec											
	Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0 0 2.0sec
Seqn= 24 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	32ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0 0 2.0sec
Subr= 2 2-time(s) 2.0sec											
Seqn= 16 2-time(s) 2.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	C-poly/Open	C-poly/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	med-Al/Open	Open/thick-Al	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
Seqn= 29 50-time(s) 2.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 6.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 1 6.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 2 6.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 3 6.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 1 6.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 2 6.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 2 6.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 1 6.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #19FD: AR standard-B (thin-Be) with PFB, 384 FOV at 1064x1048, thin-Be, thick-Al, and Al/Poly context, With G-band (33ms/45ms leak), 10s cad, lowe

Term	Pointing (x, y)	Comment
03/19 11:53:00 - 03/19 15:10:00	Track (-1.5, 346.1) @ 03/19 10:00:00	# AR 12005 continued. HOP 247 from 10-15UT.

PROG= 07 Inf.-time(s)

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 2-time(s) 2.0sec											
Seqn= 24 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	32ms	Obs	1x1	384x384 (1064, 1048)	Q=98	0 0 2.0sec
Seqn= 42 2-time(s) 2.0sec											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3 0 2.0sec
	Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 2.0sec
Seqn= 87 75-time(s) 2.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3 0 10.0sec

Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
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XOB #19F3: CME watch - 4x4 - AEC 2 - Be-thin (Be-Med) - 240s cad

Term	Pointing (x, y)	Comment
03/19 17:33:00 - 03/19 17:59:54	Fixed (-15.0, -965.0)	# HOP 79 S-N scan. 1/20
03/19 18:50:30 - 03/19 19:17:24	Fixed (-15.0, -865.0)	# HOP 79 N-S scan. 2/20
03/19 19:20:30 - 03/19 20:00:00	Fixed (-15.0, -765.0)	# 3/20
03/19 20:27:30 - 03/19 20:54:24	Fixed (-15.0, -665.0)	# 4/20
03/19 20:57:30 - 03/19 21:37:30	Fixed (-15.0, -565.0)	# 5/20
03/19 22:04:00 - 03/19 22:30:54	Fixed (-15.0, -465.0)	# 6/20
03/19 22:34:00 - 03/19 23:15:00	Fixed (-15.0, -365.0)	# 7/20
03/19 23:33:00 - 03/19 23:59:54	Fixed (-15.0, -265.0)	# 8/20
03/20 00:03:00 - 03/20 00:45:00	Fixed (-15.0, -165.0)	# 9/20
03/20 01:02:30 - 03/20 01:29:24	Fixed (-15.0, -65.0)	# 10/20
03/20 01:32:30 - 03/20 02:14:00	Fixed (-15.0, 25.0)	# 11/20
03/20 02:38:30 - 03/20 03:05:24	Fixed (-15.0, 125.0)	# 12/20
03/20 03:08:30 - 03/20 03:42:00	Fixed (-15.0, 225.0)	# 13/20
03/20 04:16:00 - 03/20 04:42:54	Fixed (-15.0, 325.0)	# 14/20
03/20 04:46:00 - 03/20 05:22:30	Fixed (-15.0, 425.0)	# 15/20
03/20 06:03:30 - 03/20 06:29:24	Fixed (-15.0, 525.0)	# 16/20
03/20 06:32:30 - 03/20 07:03:00	Fixed (-15.0, 625.0)	# 17/20
03/20 07:30:30 - 03/20 07:57:24	Fixed (-15.0, 725.0)	# 18/20
03/20 08:00:30 - 03/20 08:42:30	Fixed (-15.0, 825.0)	# 19/20

PROG= 10 Inf.-time(s)

Subr= 1 15-time(s) 240.0sec											
Seqn= 19 1-time(s) 4.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	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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Flare mode

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XOB #19EC: Flare - high cad multifilter (Be/thin, Be/med, Al/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + Gband (4

Term	Pointing (x, y)	Comment
03/18 09:47:00 - 03/18 17:47:00	Fixed (-15.0, -940.0)	# OP start + 10min, HOP 206 at South Pole
03/18 18:23:30 - 03/19 05:57:24	Track (-142.2, 345.1) @ 03/18 18:20:30	# Observe AR 12005
03/19 06:10:30 - 03/19 08:41:54	Track (-36.4, 346.1) @ 03/19 06:07:30	# AR 12005
03/19 08:45:00 - 03/19 09:46:00	Track (179.5, 296.1) @ 03/19 08:42:00	# HOP 250 on sunspot in AR 12005
03/19 10:03:00 - 03/19 11:49:54	Track (-1.5, 346.1) @ 03/19 10:00:00	# AR 12005 continued. HOP 247 from 10-15UT.
03/19 15:34:00 - 03/19 17:29:54	Track (-1.5, 346.1) @ 03/19 10:00:00	# AR 12005 continued. HOP 247 from 10-15UT.
03/19 17:33:00 - 03/19 17:59:54	Fixed (-15.0, -965.0)	# HOP 79 S-N scan. 1/20
03/19 18:50:30 - 03/19 19:17:24	Fixed (-15.0, -865.0)	# HOP 79 N-S scan. 2/20
03/19 19:20:30 - 03/19 20:00:00	Fixed (-15.0, -765.0)	# 3/20
03/19 20:27:30 - 03/19 20:54:24	Fixed (-15.0, -665.0)	# 4/20
03/19 20:57:30 - 03/19 21:37:30	Fixed (-15.0, -565.0)	# 5/20
03/19 22:04:00 - 03/19 22:30:54	Fixed (-15.0, -465.0)	# 6/20
03/19 22:34:00 - 03/19 23:15:00	Fixed (-15.0, -365.0)	# 7/20
03/19 23:33:00 - 03/19 23:59:54	Fixed (-15.0, -265.0)	# 8/20
03/20 00:03:00 - 03/20 00:45:00	Fixed (-15.0, -165.0)	# 9/20
03/20 01:02:30 - 03/20 01:29:24	Fixed (-15.0, -65.0)	# 10/20
03/20 01:32:30 - 03/20 02:14:00	Fixed (-15.0, 25.0)	# 11/20
03/20 02:38:30 - 03/20 03:05:24	Fixed (-15.0, 125.0)	# 12/20
03/20 03:08:30 - 03/20 03:42:00	Fixed (-15.0, 225.0)	# 13/20
03/20 04:16:00 - 03/20 04:42:54	Fixed (-15.0, 325.0)	# 14/20
03/20 04:46:00 - 03/20 05:22:30	Fixed (-15.0, 425.0)	# 15/20
03/20 06:03:30 - 03/20 06:29:24	Fixed (-15.0, 525.0)	# 16/20
03/20 06:32:30 - 03/20 07:03:00	Fixed (-15.0, 625.0)	# 17/20
03/20 07:30:30 - 03/20 07:57:24	Fixed (-15.0, 725.0)	# 18/20
03/20 08:00:30 - 03/20 08:42:30	Fixed (-15.0, 825.0)	# 19/20

PROG= 01 30-time(s)

Subr=	Seqn=	1-time(s)	2.0sec	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
Subr= 1	30-time(s)	2.0sec													
└─	Seqn= 26	1-time(s)	4.0sec												
└─	thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	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		
└─	Subr= 2	1-time(s)	2.0sec												
└─	Seqn= 10	1-time(s)	2.0sec												
└─	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└─	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└─	Seqn= 11	1-time(s)	2.0sec												
└─	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
└─	Seqn= 15	1-time(s)	2.0sec												
└─	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
└─	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec		
└─	Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec		

XOB #19F0: Flare standard obs. multifilter - thin-Be + (med-Al,thick-Be) 384x384 + (Al-poly 512x512 2x2)-no interval context-12 loops-lowered-gband

Term	Pointing (x, y)	Comment
03/19 11:53:00 - 03/19 15:10:00	Track (-1.5, 346.1) @ 03/19 10:00:00	# AR 12005 continued. HOP 247 from 10-15UT.

PROG= 02 12-time(s)

Subr=	Seqn=	1-time(s)	2.0sec	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval
Subr= 1	45-time(s)	10.0sec													
└─	Seqn= 9	1-time(s)	2.0sec												
└─	thin-Be/Open	med-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└─	Seqn= 10	1-time(s)	2.0sec												
└─	med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└─	Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec		
└─	Seqn= 11	1-time(s)	2.0sec												
└─	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec		
└─	Subr= 2	1-time(s)	10.0sec												
└─	Seqn= 17	1-time(s)	2.0sec												
└─	Open/G-band	Open/G-band	open	Safe	Norm	32ms	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		

* * * * *

Active Region Search

* * * * *

NOT USED

* * * * *

Flare Detection

* * * * *

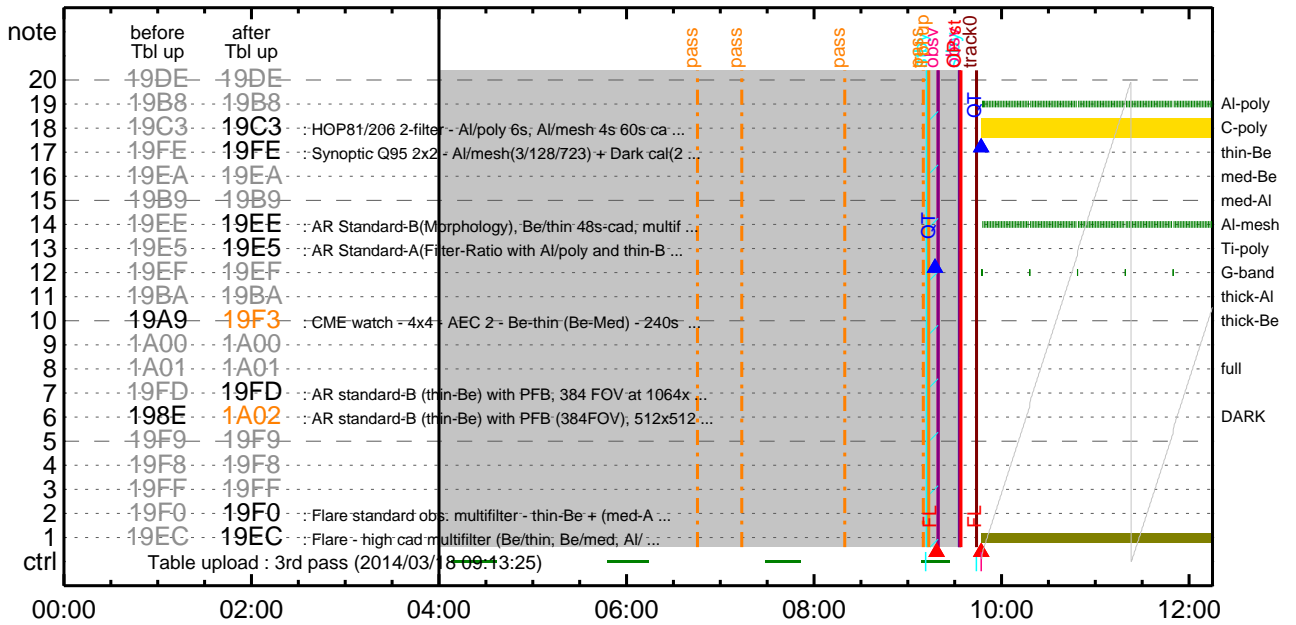
FLD Patrol

Term	Pointing (x, y)	Comment
03/18 18:20:46 - 03/19 05:57:46	Track (-142.2, 345.1) @ 03/18 18:20:30	# Observe AR 12005
03/19 06:07:46 - 03/19 18:00:16	Track (-36.4, 346.1) @ 03/19 06:07:30	# AR 12005

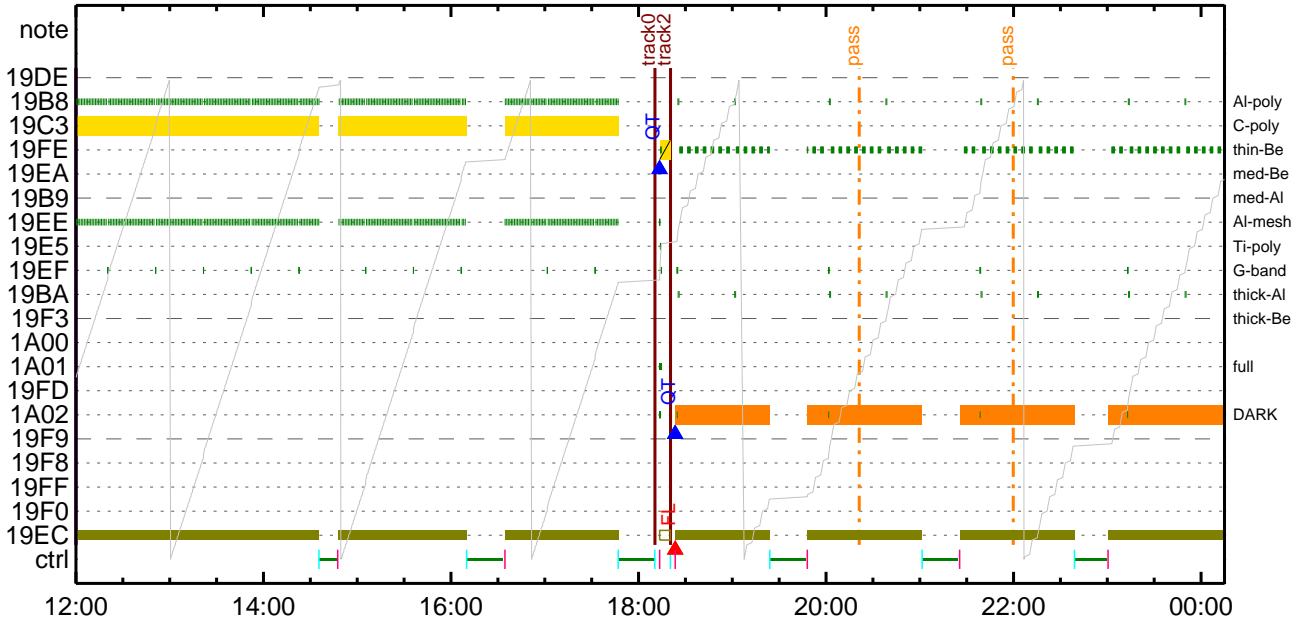
03/19 18:47:46 - 03/20 05:50:46 Fixed (-15.0, -865.0) # HOP 79 N-S scan. 2/20
03/20 06:00:46 - 03/21 11:22:00 Fixed (-15.0, 525.0) # 16/20

Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8			Q=50	80sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval

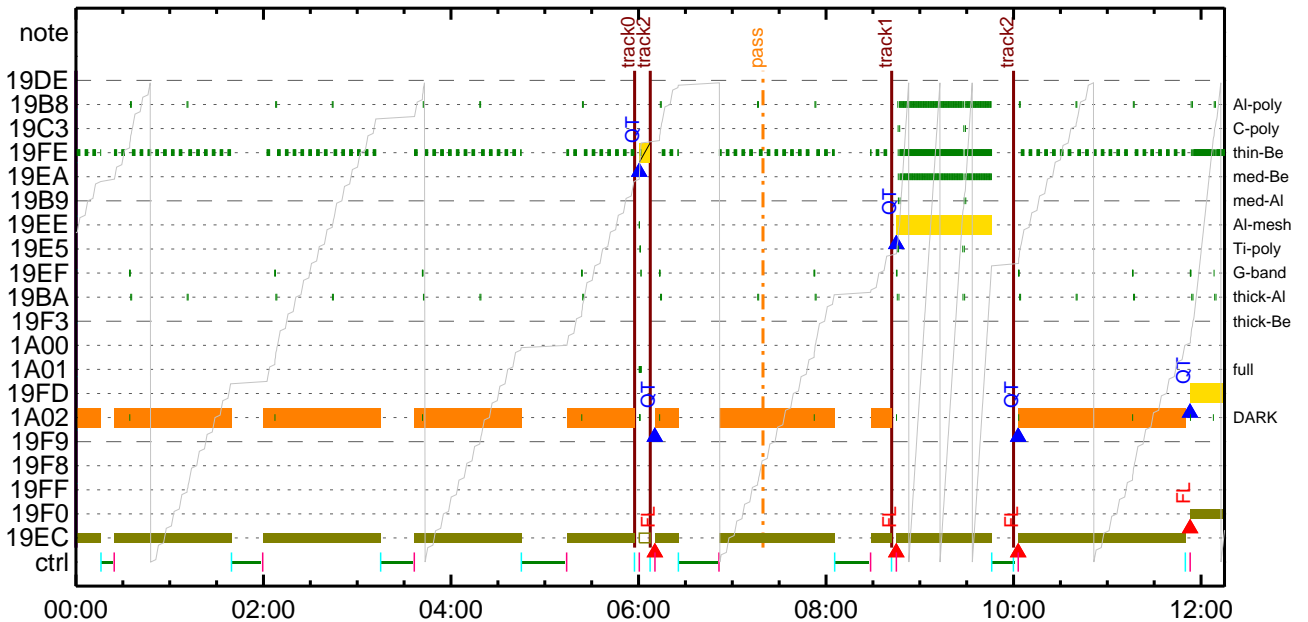
CMDI #0153 2014/03/18



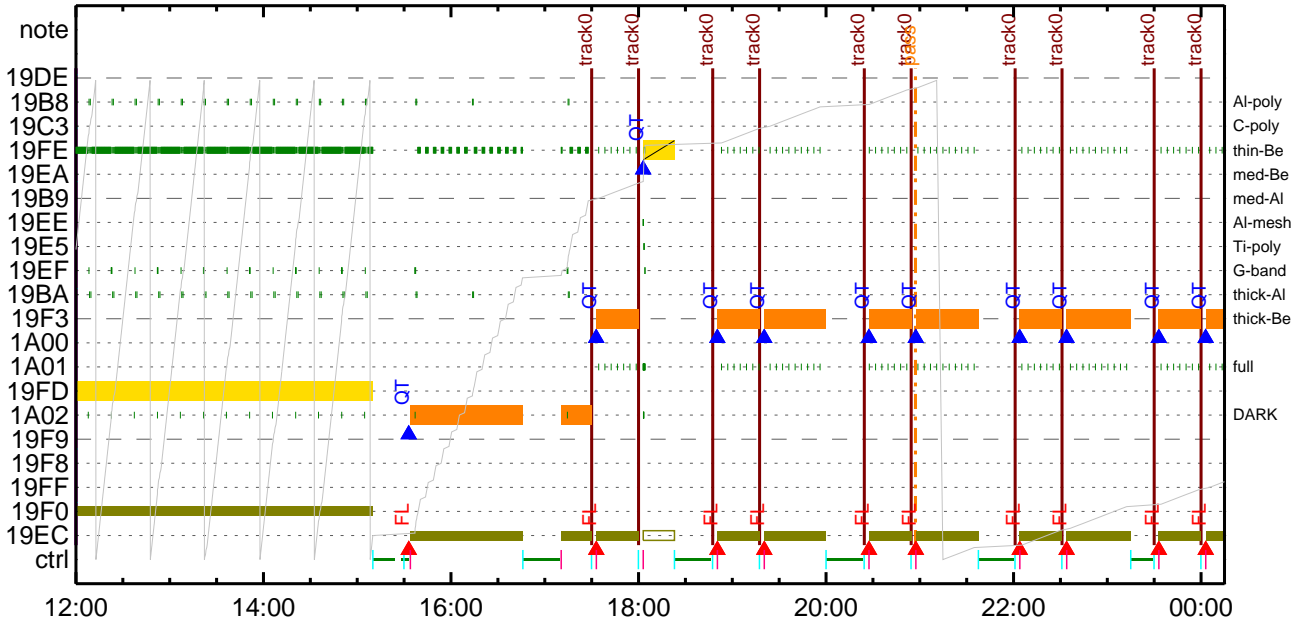
CMDI #0153 2014/03/18



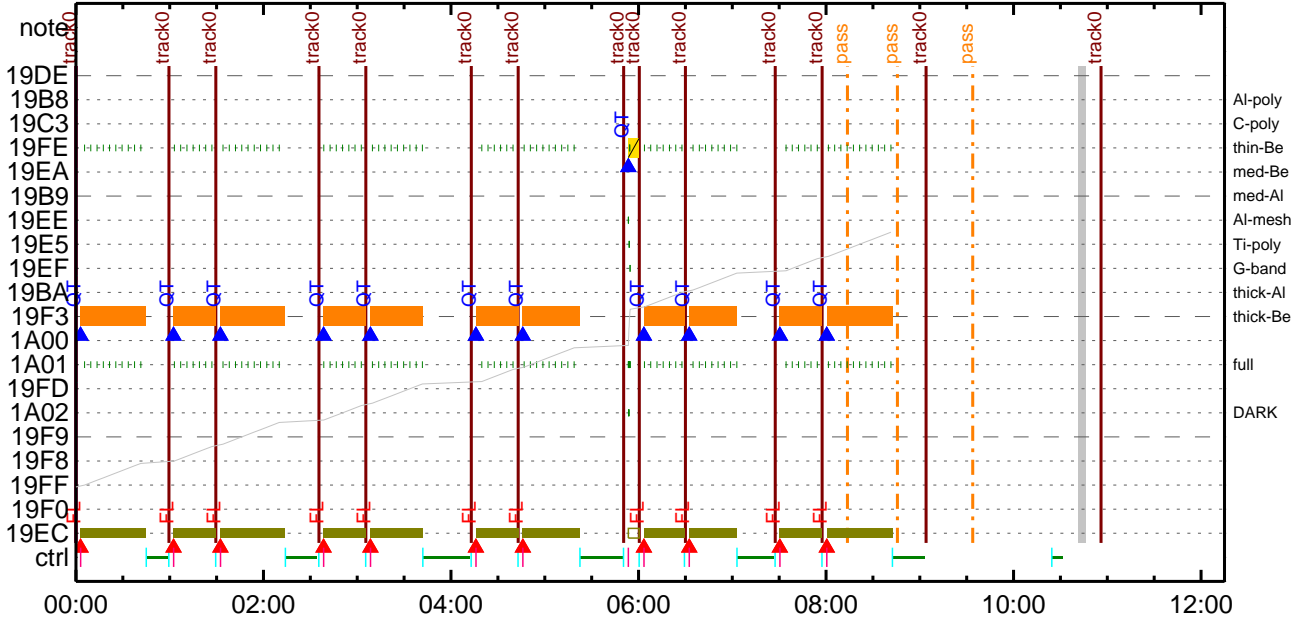
CMDI #0153 2014/03/19



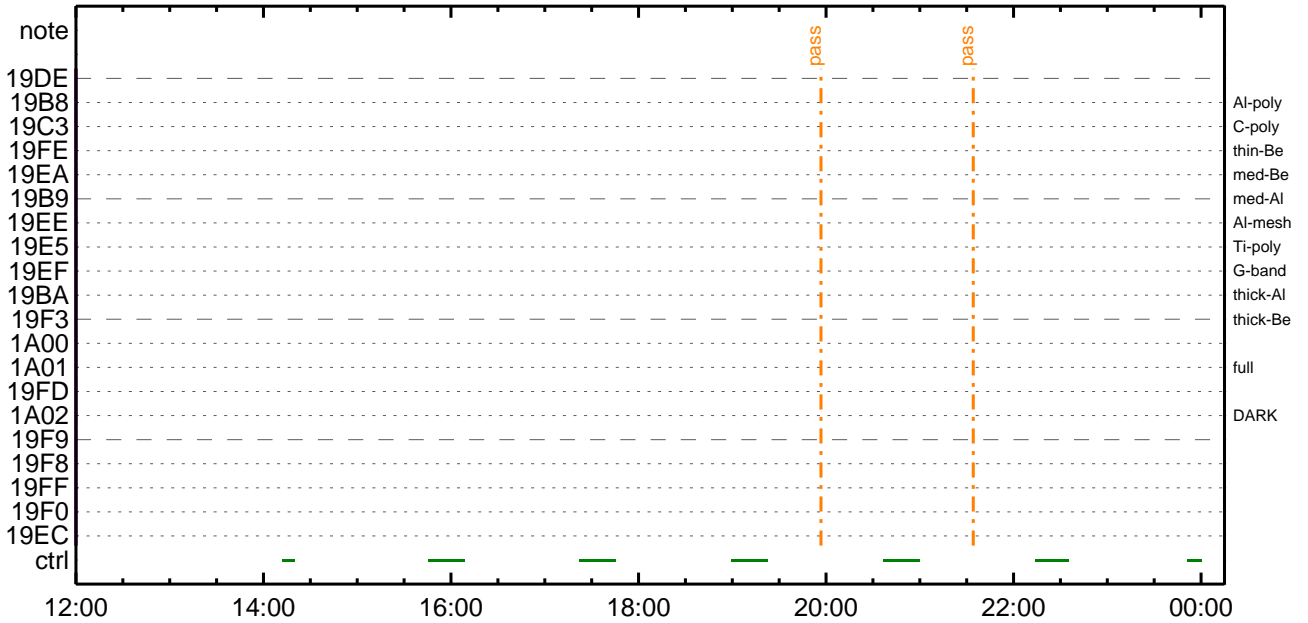
CMDI #0153 2014/03/19



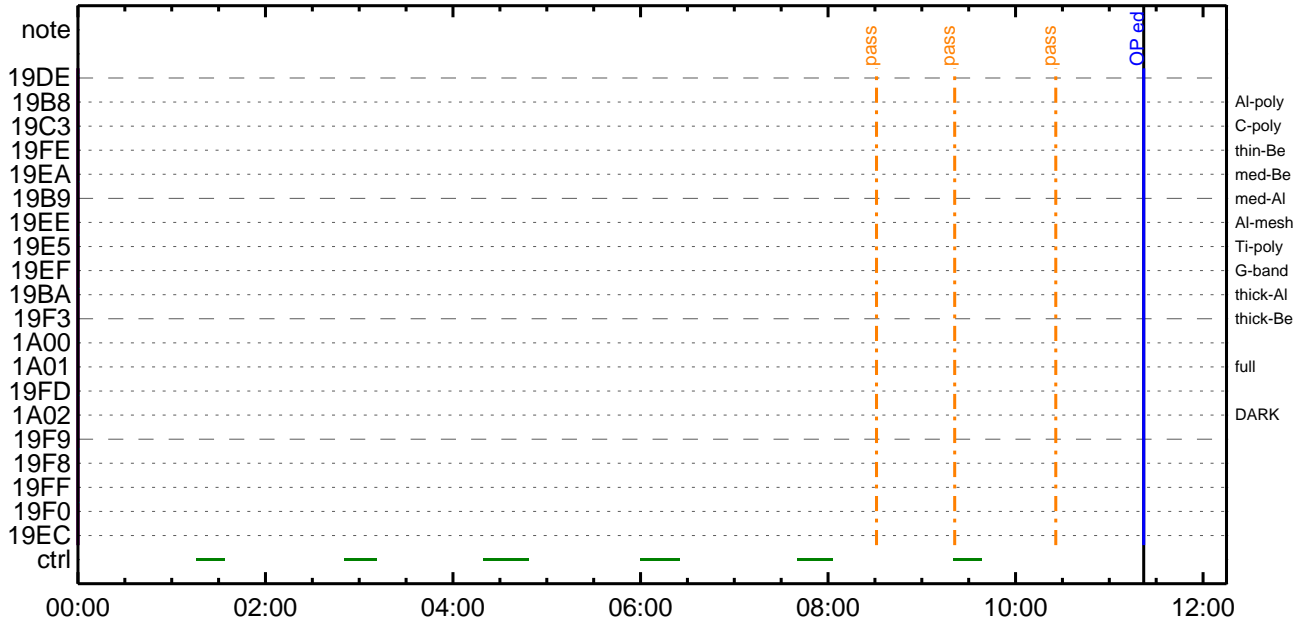
CMDI #0153 2014/03/20



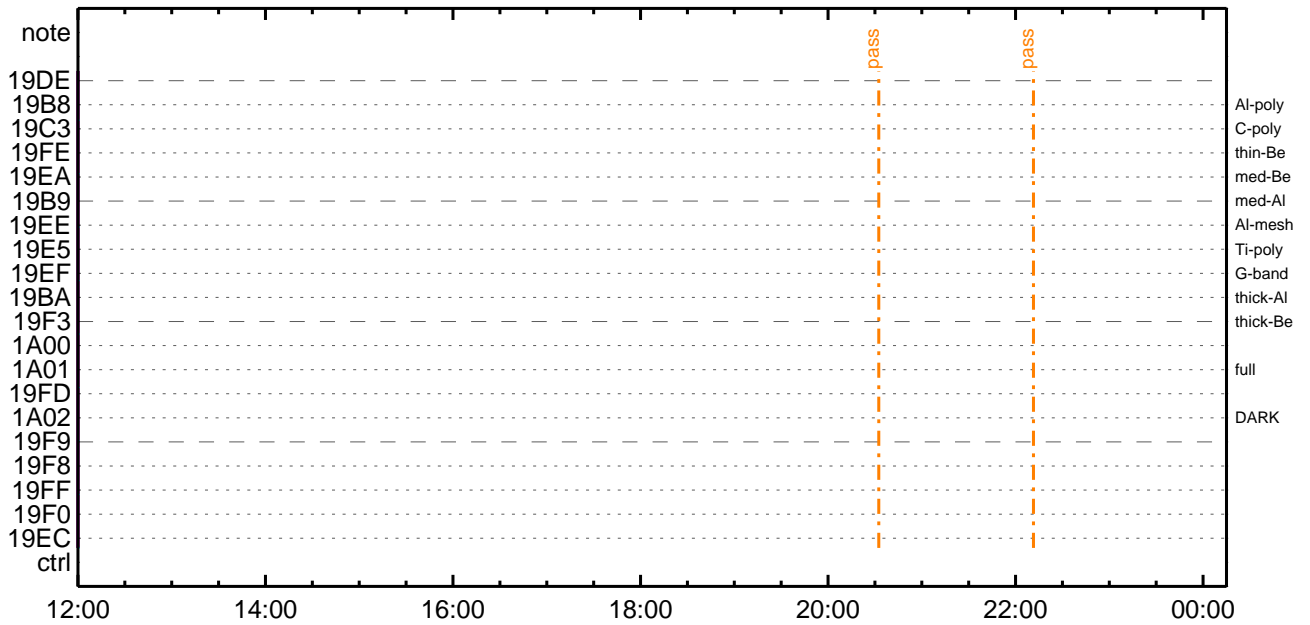
CMDI #0153 2014/03/20



CMDI #0153 2014/03/21



CMDI #0153 2014/03/21



(a) Spacecraft Operation Procedure (real-commands)

```
main-268 2014-03-18 14:13:07 205 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁY$;¼Y³YFÿóYÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èó¿òÁò•µ°Æ»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈè¼µ•ííÉ;ÈòÈ¼°ÇÓò•ó¿¼í¹çóÍ;çÁ®, ùò¹òèòòòÇÁ÷¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. OP/OGYí;¼YÉ;|YÁYóY×
0016 C. *****
0017 C.
0018 . C. ;ãOP/OGYí;¼YÉ;ä
0019 . S. OP op-268:OP
0020 ()
0021 . S. OG og-268:OG
0022 ()
0023 C.
0024 . C. ;ãNMOG&OPÍî°èYÁYóY×;ä
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. YÁYóY×¼ªªî»òð³îÇ§
0041 C. çç[HK1_DMP_CHK_FLG] EQ NON
0042 . C. RAM ID=NMOGòí¼È¹ç•è²îOKòð³îÇ§
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. YÁYóY×¼ªªî»òð³îÇ§
0060 C. çç[HK1_DMP_CHK_FLG] EQ NON
0061 . C. RAM ID=NMOGòí¼È¹ç•è²îOKòð³îÇ§
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. YÁYóY×¼ªªî»òð³îÇ§
0079 C. çç[HK1_DMP_CHK_FLG] EQ NON
0080 . C. RAM ID=NMOG, RAM ID=OPòí¼È¹ç•è²îOKòð³îÇ§
0081 C.
0082 . C. ***** òÈ²¼òí¼Á´¶¼òèÈ-òòÁ÷¿®(¼áµ-YÁYóY×¼è¼çòðÁÓÁæòç¼ªªòµòò¼í¹çóçòá) *****
0083 C. DHUYá;¼YÉ;È¼Y¼; Yí;¼YÉ;ÈòðÍáò¹
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 ;§ OPOG UPLOADò-Á÷¿®NGòí¼í¹ç;ç°È²¼òí¼TI-CMDÁ÷¿®òí¼Á¹Òò•òÈòòò³òÈ;f
```


0096 C. 0p0z;çSET0EDUMP0iÆ±°iYÑY¹0Ç¹Ô0|0³0E;f

0097 C.

0098 . C. TIY³YFÿÖYÉ00ðÁDİ¿(UT)

0099 +. TI 2014-03-18 09:29:00.0

0100 DC 01-B3 DHU_OP_STOP

0101 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0102 C.

0103 +. TI 2014-03-18 09:29:01.0

0104 DC 01-B4 DHU_OP_COPY

0105 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0106 C.

0107 +. TI 2014-03-18 09:29:01.0

0108 DC 01-B5 DHU_OPOG_COPY

0109 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0110 C.

0111 +. TI 2014-03-18 09:33:59.5

0112 DC 01-B2 DHU_OP_START

0113 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

0114 C.

0115 C. 0E²¼0iÄ0iíN0îYÁY§YÁY-¹àîÛ

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. TIîî°èYÄYÖYx

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. YÄYÖYx¼¹î»0ð³îÇ§

0142 C. çç[HK1_DMP_CHK_FLG] EQ NON

0143 C.

0144 . C. RAM ID=TI_TBL0iE¹ç•è²ïOK0ð³îÇ§

0145 C.

0146 . C. DHUYâ;¼YÉ;È¼Y¼, Yî;¼YÈ;Ë0ðîá0¹

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 2014-03-18 09:33:16.0

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 2014-03-18 09:33:30.0

0172 DC 07-FC EIS_MODE_MANU

0173 BC (21 02)

0174 +. TI 2014-03-18 09:33:40.0

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 2014-03-18 09:33:00.0

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 ´úÃî0î»ö¼Y0ÈÁD0¹0èDCBC•x²è *****

0192 C. (¼0iYÖYÄYÉYFÿYÁYçYè0E¼00¼Ä»Û0¹0é)

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;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-270 2014-03-18 14:13:07 156 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èø¿òÁø•µ°È»Í×ÁÇøÍYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈøÈ¼°ÇÓø•ø¿¼í¹çøÍ;çÁ®, ùø¹øèøøøçÁ+¿®ø•øÈøøøøøÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 85 83 08 08)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 20)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 20 08)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 20)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0f 80 80 06 06)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 10 80 80 08 08)
0056 + DC 07-F8 XRT_FOCUS_POSITION
0057 BC (22 fe 97 00)
0058 + DC 07-F0 MDP_XRT_FLD_ENA
0059 BC (d8)
0060 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0061 BC (c8)
0062 + DC 07-F0 MDP_XRT_AEC_RESET
0063 BC (d0)
0064 + DC 07-F0 MDP_XRT_ARS_DIS
0065 BC (d5)
0066 + DC 07-F0 MDP_XRT_FLD_RESET
0067 BC (da)
0068 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0069 BC (c4 0d)
0070 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0071 BC (c5 01)
0072 . C. ----- Success Verify ? OK / NG ____
0073 C.
0074 C.
0075 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0076 C.
0077 +. DC 07-F0 MDP_XRT_MODE_OBSV
0078 BC (c2)
0079 +. TI 2014-03-18 09:33:02.0
0080 DC 07-F0 MDP_XRT_MODE_OBSV
0081 BC (c2)
0082 . C. ----- Success Verify ? OK / NG ____
0083 C.
0084 C. ***** XRT END *****
0085 . C. *****
0086 C. SOT table upload
0087 C. *****
0088 . C. < Stop FG table >
0089 +. DC 07-F0 MDP_FG_CTRL_MANU
0090 BC (51)
0091 . C. -----
0092 C. MDP_FG_CTRL_MODE = MANU [ ]
0093 C. -----
0094 C.
0095 . C. <Upload FG Observation Table>
```

```

0096 . S. RAM ram-261:MDP_OBS_F
0097 ( )
0098 C.
0099 . C. < Dump RAMID=MDP_OBS_F >
0100 +. DC 07-F0 MDP_DUMP_FGTBL
0101 BC (82 07 00 00 00 38 b8)
0102 C. -----
0103 C. MDP_OBS_F verify = OK/NG [ ]
0104 C. -----
0105 C.
0106 . C. < Upload DPL table >
0107 C.
0108 C. ¥ç¥Ã¥×¥í;¥É°Ê°ESTS_CHKαδOFFαÈα¹αè
0109 C.
0110 . S. RAM ram-271:MDP_DPL
0111 ( )
0112 C.
0113 . C. < Dump RAMID=MDP_DPL >
0114 +. DC 07-F0 MDP_DUMP_FGTBL
0115 BC (82 07 00 38 b8 00 40)
0116 C. -----
0117 C. MDP_DPL verify = OK [ ]
0118 C. -----
0119 C.
0120 C. STS_CHKαδONαÈα¹αè
0121 C.
0122 . C. < Update MDP DSC PAR1 >
0123 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0124 BC (4c)
0125 C. MDP_CMD_CODE = F04C0700[ ]
0126 C. MDP_CMD_CNT (count-up 1) [ ]
0127 C. -----
0128 C.
0129 . C.
0130 C. *****
0131 C. SOT TI command set
0132 C. *****
0133 C. Execute, after the success of TBL upload.
0134 +. TI 2014-03-18 09:33:18.0
0135 DC 07-F0 MDP_SOT_MODE_OBSV
0136 BC (40)
0137 C. -----
0138 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0139 C. -----
0140 C.
0141 C.
0142 . C. ***** MDP `ûÃîñî»ò%ÿαÈÊα¹αèDCBC•x²è *****
0143 C. (%ã°î¥Ö¥Ã¥È¥P¥È¥ã¥ç¥èαÈ%¼αα¼Ã»Ûα¹αè)
0144 . S. DC-BC dcbc-402:DCBC
0145 (MDP_known_event)
0146 C.
0147 C.
0148 . C. ***** ¥D¥¹.Ï Daily±;îÑαÈ´Øα¹αèDCBC•x²è *****
0149 . S. DC-BC dcbc-153:DCBC
0150 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0151 C.
0152 C.
0153 . C. ;ãLOS¥Ã¥S¥Ã¥~¼Ã»Û;ã
0154 C.
0155 . C. ***** LOS *****
0156 C.

```

Mar 18, 14 14:13

XRT_OGLIST_0153.chk

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*** OP Sequence for XRT ***

2014/03/18	09:43:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/18	09:43:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2014/03/18	09:44:00.0	AOCS_OrE-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	00 53 8d 01 58			
2014/03/18	09:44:16.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/03/18	09:44:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/03/18	09:44:20.0	XRT_AEC_RESET_413_OG [0x19d]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/03/18	09:44:22.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/03/18	09:44:24.0	XRT_FLD_RESET_431_OG [0x1af]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/18	09:46:56.0	XRT_QT_PROG_SET_445_OG [0x1bd]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12			
2014/03/18	09:46:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01			
2014/03/18	09:47:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/18	14:35:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/18	14:35:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/18	14:35:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/03/18	14:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/03/18	14:46:30.0	XRT_Custom_430_OG [0x1ae]						
2014/03/18	14:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/18	16:10:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/18	16:10:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/18	16:10:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/03/18	16:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/03/18	16:33:30.0	XRT_Custom_430_OG [0x1ae]						
2014/03/18	16:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/18	17:47:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/18	17:47:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/18	17:47:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/03/18	17:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/03/18	18:10:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/18	18:10:26.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2014/03/18	18:10:30.5	AOCS_OrE-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2014/03/18	18:10:46.0	XRT_FLD_DIS_434_OG [0x1b2]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2014/03/18	18:13:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2014/03/18	18:13:26.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/03/18	18:13:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2014/03/18	18:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/18	18:20:24.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/18	18:20:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2014/03/18	18:20:30.0	AOCS_OrE-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	02 00 00 00 00			
2014/03/18	18:20:46.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/03/18	18:20:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/03/18	18:20:50.0	XRT_AEC_RESET_413_OG [0x19d]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/03/18	18:20:52.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/03/18	18:20:54.0	XRT_FLD_RESET_431_OG [0x1af]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/18	18:23:26.0	XRT_QT_PROG_SET_441_OG [0x1b9]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06			
2014/03/18	18:23:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01			
2014/03/18	18:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/18	19:24:00.0	XRT_CTRL_MANU_400_OG [0x190]						

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2014/03/18	19:24:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/18	19:24:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/03/18	19:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/03/18	19:47:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/18	19:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/18	21:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/18	21:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/03/18	21:01:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/03/18	21:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/18	21:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/18	21:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/18	22:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/18	22:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/18	22:39:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/03/18	22:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/03/18	22:59:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/18	23:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	00:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/19	00:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/19	00:16:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/03/19	00:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/03/19	00:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	00:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	01:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/19	01:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/19	01:39:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/03/19	01:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/03/19	01:58:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	01:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	03:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/19	03:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/19	03:15:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/03/19	03:15:04.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/03/19	03:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	03:35:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	03:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	04:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/19	04:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/19	04:45:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2014/03/19	04:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2014/03/19	05:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	05:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2014/03/19	05:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2014/03/19	05:57:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2014/03/19	05:57:30.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2014/03/19	05:57:46.0	XRT_FLD_DIS_434_OG [0x1b2]	AOCU_NM	5	02-76	00 00 00 00 00
2014/03/19	06:00:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2014/03/19	06:00:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2014/03/19	06:00:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_ARS_DIS	1	07-F0	d5
2014/03/19	06:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2014/03/19	06:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2014/03/19	06:07:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		XRT_FOCUS_POSITION		4	07-F8	22 fe 97 00	
2014/03/19	06:07:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	02 00 00 00 00	
2014/03/19	06:07:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/19	06:07:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/19	06:07:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/19	06:07:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/19	06:07:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	06:10:26.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2014/03/19	06:10:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2014/03/19	06:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	06:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	06:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	06:25:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/19	06:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/19	06:50:30.0	XRT_Custom_430_OG [0x1ae]					
2014/03/19	06:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	08:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	08:05:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	08:05:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/19	08:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/19	08:27:30.0	XRT_Custom_430_OG [0x1ae]					
2014/03/19	08:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	08:41:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	08:41:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2014/03/19	08:42:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00	
2014/03/19	08:42:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/19	08:42:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/19	08:42:20.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/19	08:42:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/19	08:42:24.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	08:44:56.0	XRT_QT_PROG_SET_443_OG [0x1bb]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2014/03/19	08:44:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2014/03/19	08:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	09:46:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	09:46:03.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	09:46:05.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/19	09:49:15.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/19	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	09:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2014/03/19	10:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	02 00 00 00 00	
2014/03/19	10:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/19	10:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/19	10:00:20.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/19	10:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/19	10:00:24.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	10:02:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06	
2014/03/19	10:02:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	

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2014/03/19	10:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/03/19	11:49:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/03/19	11:49:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/03/19	11:50:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/03/19	11:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/03/19	11:50:20.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/03/19	11:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/03/19	11:50:24.0	XRT_FLD_RESET_431_OG [0x1af]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/03/19	11:52:56.0	XRT_QT_PROG_SET_406_OG [0x196]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2014/03/19	11:52:58.0	XRT_FL_PROG_SET_417_OG [0x1a1]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 02		
2014/03/19	11:53:00.5	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/03/19	15:10:00.5	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/03/19	15:10:03.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/03/19	15:10:05.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/03/19	15:13:15.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/03/19	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/03/19	15:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/03/19	15:30:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/03/19	15:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/03/19	15:30:20.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/03/19	15:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/03/19	15:30:24.0	XRT_FLD_RESET_431_OG [0x1af]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/03/19	15:32:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2014/03/19	15:32:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2014/03/19	15:33:00.0	XRT_Custom_430_OG [0x1ae]					
2014/03/19	15:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/03/19	16:46:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/03/19	16:46:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/03/19	16:46:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2014/03/19	16:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2014/03/19	17:09:30.0	XRT_Custom_430_OG [0x1ae]					
2014/03/19	17:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/03/19	17:29:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/03/19	17:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2014/03/19	17:30:00.0	AOCS_ORe-point_Start_5_OG [0x09b]					
		AOCU_NM	5	02-76	00 55 ca 01 58		
2014/03/19	17:30:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2014/03/19	17:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2014/03/19	17:30:20.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2014/03/19	17:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2014/03/19	17:30:24.0	XRT_FLD_RESET_431_OG [0x1af]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2014/03/19	17:32:56.0	XRT_QT_PROG_SET_409_OG [0x199]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2014/03/19	17:32:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01		
2014/03/19	17:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2014/03/19	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2014/03/19	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2014/03/19	18:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2014/03/19	18:00:16.0	XRT_FLD_DIS_434_OG [0x1b2]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2014/03/19	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					

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2014/03/19	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/19	18:02:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2014/03/19	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	18:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	18:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	18:23:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/19	18:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/19	18:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	18:47:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2014/03/19	18:47:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	4c e5 01 58
2014/03/19	18:47:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/19	18:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/19	18:47:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/19	18:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/19	18:47:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	18:50:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2014/03/19	18:50:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/03/19	18:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	19:17:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	19:17:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2014/03/19	19:17:30.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	43 ff 01 58
2014/03/19	19:17:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/19	19:17:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/19	19:17:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/19	19:17:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/19	19:17:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	19:20:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2014/03/19	19:20:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/03/19	19:20:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	20:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	20:00:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	20:00:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/19	20:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/19	20:24:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	20:24:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2014/03/19	20:24:30.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00	3b 1a 01 58
2014/03/19	20:24:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/19	20:24:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/19	20:24:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/19	20:24:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/19	20:24:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	20:27:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2014/03/19	20:27:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/03/19	20:27:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	20:54:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/19	20:54:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00

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2014/03/19	20:54:30.0	AOCS_OrE-point_Start_9_OG [0x09f] AOCU_NM	5	02-76	00	32	35	01	58
2014/03/19	20:54:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2014/03/19	20:54:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2014/03/19	20:54:50.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0		d0			
2014/03/19	20:54:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2014/03/19	20:54:54.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0		da			
2014/03/19	20:57:26.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0		c4	0a		
2014/03/19	20:57:28.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0		c5	01		
2014/03/19	20:57:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2014/03/19	21:37:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2014/03/19	21:37:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da			
2014/03/19	21:37:34.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2014/03/19	21:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2014/03/19	22:00:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2014/03/19	22:00:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2014/03/19	22:01:00.0	AOCS_OrE-point_Start_10_OG [0x0a0] AOCU_NM	5	02-76	00	29	58	01	58
2014/03/19	22:01:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2014/03/19	22:01:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2014/03/19	22:01:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0		d0			
2014/03/19	22:01:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2014/03/19	22:01:24.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0		da			
2014/03/19	22:03:56.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0		c4	0a		
2014/03/19	22:03:58.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0		c5	01		
2014/03/19	22:04:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2014/03/19	22:30:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2014/03/19	22:30:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2014/03/19	22:31:00.0	AOCS_OrE-point_Start_11_OG [0x0a1] AOCU_NM	5	02-76	00	20	72	01	58
2014/03/19	22:31:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2014/03/19	22:31:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2014/03/19	22:31:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0		d0			
2014/03/19	22:31:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2014/03/19	22:31:24.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0		da			
2014/03/19	22:33:56.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0		c4	0a		
2014/03/19	22:33:58.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0		c5	01		
2014/03/19	22:34:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2014/03/19	23:15:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2014/03/19	23:15:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da			
2014/03/19	23:15:04.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2014/03/19	23:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2014/03/19	23:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2014/03/19	23:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2014/03/19	23:30:00.0	AOCS_OrE-point_Start_12_OG [0x0a2] AOCU_NM	5	02-76	00	17	8d	01	58
2014/03/19	23:30:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0		d8			
2014/03/19	23:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2014/03/19	23:30:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0		d0			
2014/03/19	23:30:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2014/03/19	23:30:24.0	XRT_FLD_RESET_431_OG [0x1af]							

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2014/03/19	23:32:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/19	23:32:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2014/03/19	23:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/03/19	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/19	23:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	00:00:00.0	AOCS_Ore-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2014/03/20	00:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	0e a7 01 58
2014/03/20	00:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/20	00:00:20.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/20	00:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/20	00:00:24.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/20	00:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	00:02:58.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2014/03/20	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/03/20	00:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/20	00:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	00:45:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	00:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/20	00:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/20	00:59:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	00:59:30.0	AOCS_Ore-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2014/03/20	00:59:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	05 ca 01 58
2014/03/20	00:59:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/20	00:59:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/20	00:59:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/20	00:59:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/20	01:02:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	01:02:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2014/03/20	01:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/03/20	01:29:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/20	01:29:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	01:29:30.0	AOCS_Ore-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2014/03/20	01:29:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	fd cb 01 58
2014/03/20	01:29:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/20	01:29:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/20	01:29:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/20	01:29:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/20	01:32:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	01:32:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2014/03/20	01:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2014/03/20	02:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/20	02:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	02:14:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	02:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/20	02:35:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/20	02:35:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		XRT_FOCUS_POSITION	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00

2014/03/20	02:35:30.5	AOCS_ORe-point_Start_16_OG [0x0a6] AOCU_NM	5	02-76	00	f4 e6 01 58
2014/03/20	02:35:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/20	02:35:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/20	02:35:50.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/20	02:35:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/20	02:35:54.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	02:38:26.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2014/03/20	02:38:28.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2014/03/20	02:38:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/20	03:05:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	03:05:26.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2014/03/20	03:05:30.0	AOCS_ORe-point_Start_17_OG [0x0a7] AOCU_NM	5	02-76	00 ec 00 01 58	
2014/03/20	03:05:46.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/20	03:05:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/20	03:05:50.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/20	03:05:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/20	03:05:54.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	03:08:26.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2014/03/20	03:08:28.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2014/03/20	03:08:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/20	03:42:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	03:42:02.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	03:42:04.0	XRT_PREFLR_STRT_418_OG [0x1a2] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2014/03/20	03:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2014/03/20	04:12:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	04:12:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2014/03/20	04:13:00.0	AOCS_ORe-point_Start_18_OG [0x0a8] AOCU_NM	5	02-76	00 e3 1b 01 58	
2014/03/20	04:13:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/20	04:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/20	04:13:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/20	04:13:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/20	04:13:24.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	04:15:56.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2014/03/20	04:15:58.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2014/03/20	04:16:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/20	04:42:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2014/03/20	04:42:56.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2014/03/20	04:43:00.0	AOCS_ORe-point_Start_19_OG [0x0a9] AOCU_NM	5	02-76	00 da 36 01 58	
2014/03/20	04:43:16.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2014/03/20	04:43:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2014/03/20	04:43:20.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0	
2014/03/20	04:43:22.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2014/03/20	04:43:24.0	XRT_FLD_RESET_431_OG [0x1af] MDP_XRT_FLD_RESET	1	07-F0	da	
2014/03/20	04:45:56.0	XRT_QT_PROG_SET_409_OG [0x199] MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2014/03/20	04:45:58.0	XRT_FL_PROG_SET_448_OG [0x1c0] MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2014/03/20	04:46:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2014/03/20	05:22:30.0	XRT_CTRL_MANU_400_OG [0x190]				

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2014/03/20	05:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/20	05:22:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/03/20	05:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/03/20	05:50:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/20	05:50:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2014/03/20	05:50:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00			
2014/03/20	05:50:46.0	XRT_FLD_DIS_434_OG [0x1b2]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2014/03/20	05:53:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2014/03/20	05:53:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/03/20	05:53:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2014/03/20	05:53:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/20	06:00:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/20	06:00:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2014/03/20	06:00:30.0	AOCS_Ore-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 d1 59 01 58			
2014/03/20	06:00:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/03/20	06:00:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/03/20	06:00:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/03/20	06:00:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/03/20	06:00:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/20	06:03:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a			
2014/03/20	06:03:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01			
2014/03/20	06:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/20	06:29:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/20	06:29:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2014/03/20	06:29:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/03/20	06:29:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/03/20	06:29:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/03/20	06:29:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/03/20	06:29:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/20	06:30:00.0	AOCS_Ore-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00 c8 73 01 58			
2014/03/20	06:32:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a			
2014/03/20	06:32:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01			
2014/03/20	06:32:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2014/03/20	07:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/20	07:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/20	07:03:04.0	XRT_PREFLR_STRT_418_OG [0x1a2]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2014/03/20	07:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2014/03/20	07:27:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2014/03/20	07:27:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2014/03/20	07:27:30.0	AOCS_Ore-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 bf 8e 01 58			
2014/03/20	07:27:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2014/03/20	07:27:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2014/03/20	07:27:50.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2014/03/20	07:27:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2014/03/20	07:27:54.0	XRT_FLD_RESET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da			
2014/03/20	07:30:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a			

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2014/03/20	07:30:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2014/03/20	07:30:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/03/20	07:57:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/03/20	07:57:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2014/03/20	07:57:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	00	b6	a8	01	58
2014/03/20	07:57:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2014/03/20	07:57:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2014/03/20	07:57:50.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2014/03/20	07:57:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2014/03/20	07:57:54.0	XRT_FLD_RESET_431_OG [0x1af]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/03/20	08:00:26.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a			
2014/03/20	08:00:28.0	XRT_FL_PROG_SET_448_OG [0x1c0]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	01			
2014/03/20	08:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2014/03/20	08:42:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/03/20	08:42:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/03/20	08:42:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/03/20	08:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/03/20	09:04:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]							
		AOCU_NM	5	02-76	00	ad	cb	01	58
2014/03/20	10:24:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2014/03/20	10:24:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2014/03/20	10:24:34.0	XRT_PREFLR_STRT_418_OG [0x1a2]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2014/03/20	10:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2014/03/20	10:56:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00