

# XRT Timeline to be uploaded on 2015/01/13

Period: 2015/01/13 10:30:00 - 2015/01/21 09:52:00

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Normal mode

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**XOB #19E5: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, and Al/Poly context, with G-band (33ms)**

Term	Pointing (x, y)	Comment
01/13 10:43:00 - 01/13 14:29:54	Fixed ( 925.0, 121.0)	# OP start + 10min, AR12257(fixed)
01/13 17:33:00 - 01/13 17:47:24	Track ( -192.0, -184.9) @ 01/13 14:30:00	# HOP274 on AR12259
01/13 18:00:30 - 01/14 05:59:54	Fixed ( 925.0, 121.0)	# AR12257(fixed) and EIS spectral atlas
01/14 06:13:00 - 01/14 14:29:54	Track ( -51.3, -182.4) @ 01/14 06:10:00	# AR12259(HOP274 14:30-17:30)
01/14 17:34:00 - 01/14 18:04:24	Track ( -51.3, -182.4) @ 01/14 06:10:00	# AR12259(HOP274 14:30-17:30)
01/14 18:17:30 - 01/15 06:22:24	Track ( 58.1, -181.6) @ 01/14 18:14:30	# AR12259
01/15 06:35:30 - 01/15 14:29:54	Track ( 168.7, -181.8) @ 01/15 06:32:30	# AR12259 (HOP274 14:30-17:30)
01/15 17:33:00 - 01/15 17:45:00	Track ( 168.7, -181.8) @ 01/15 06:32:30	# AR12259 (HOP274 14:30-17:30)
01/15 18:21:30 - 01/16 05:55:24	Track ( 272.3, -182.9) @ 01/15 18:18:30	# AR12259
01/16 06:08:30 - 01/16 09:43:30	Track ( 372.6, -185.0) @ 01/16 06:05:30	# AR12259
01/16 15:31:30 - 01/16 17:57:24	Track ( 446.6, -187.3) @ 01/16 15:10:00	# AR12259
01/16 18:10:30 - 01/16 23:59:54	Track ( 470.0, -188.2) @ 01/16 18:07:30	# AR12259
01/17 06:13:00 - 01/17 10:21:30	Track ( 561.1, -192.3) @ 01/17 06:10:00	# AR12259
01/17 16:07:00 - 01/17 17:59:54	Track ( 627.8, -196.3) @ 01/17 15:41:00	# AR12259
01/17 18:13:00 - 01/18 05:28:54	Track ( 644.4, -197.4) @ 01/17 18:10:00	# AR12259
01/18 05:42:00 - 01/18 09:16:30	Track ( 716.0, -203.1) @ 01/18 05:39:00	# AR12259
01/18 15:33:00 - 01/18 17:55:00	Track ( 770.5, -208.5) @ 01/18 15:30:00	# AR12259
01/18 18:31:30 - 01/19 06:03:24	Track ( 785.6, -210.2) @ 01/18 18:28:30	# AR12259
01/19 06:16:30 - 01/19 09:54:00	Track ( 838.9, -217.6) @ 01/19 06:13:30	# AR12259
01/19 16:11:00 - 01/19 17:59:54	Track ( 875.6, -224.2) @ 01/19 16:08:00	# AR12259
01/19 18:13:00 - 01/20 03:49:30	Track ( 882.1, -225.6) @ 01/19 18:10:00	# AR12259
01/20 04:20:00 - 01/20 06:06:24	Fixed ( 910.0, -232.0)	# AR12259 (fixed)
01/20 06:23:30 - 01/20 08:49:30	Fixed ( 910.0, -232.0)	# AR12259 (fixed)

**PROG= 15 Inf.-time(s)**

<b>Subr= 1</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
└─ <b>Seqn= 8</b>		<b>2-time(s)</b>	<b>2.0sec</b>										
	└─ Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
<b>Subr= 2</b>		<b>2-time(s)</b>	<b>2.0sec</b>										
└─ <b>Seqn= 24</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
	└─ 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
└─ <b>Seqn= 42</b>		<b>4-time(s)</b>	<b>2.0sec</b>										
	└─ 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
└─ <b>Seqn= 62</b>		<b>8-time(s)</b>	<b>240.0sec</b>										
	└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	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	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
	└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
	└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
	└─ Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

**XOB #1A12: AR Standard-B(Morphology), Be-thin w/ 24s cad and Be-med PFB, multifilter context w/ 20 min cad, G-band test w/ 60 min cad, 384x384, 1064**

Term	Pointing (x, y)	Comment
01/13 14:33:00 - 01/13 17:29:54	Track ( -192.0, -184.9) @ 01/13 14:30:00	# HOP274 on AR12259
01/14 14:33:00 - 01/14 17:09:30	Track ( -51.3, -182.4) @ 01/14 06:10:00	# AR12259(HOP274 14:30-17:30)
01/15 14:45:30 - 01/15 17:29:54	Track ( 168.7, -181.8) @ 01/15 06:32:30	# AR12259 (HOP274 14:30-17:30)

**PROG= 14 Inf.-time(s)**

<b>Subr= 1</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
└─ <b>Seqn= 8</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
	└─ Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
└─ <b>Seqn= 24</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
	└─ 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
<b>Subr= 2</b>		<b>3-time(s)</b>	<b>2.0sec</b>										
└─ <b>Seqn= 16</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
	└─ 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
└─ <b>Seqn= 4</b>		<b>50-time(s)</b>	<b>2.0sec</b>										
	└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	8.0sec
	└─ thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	8.0sec
	└─ med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	8.0sec
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
01/13 17:50:30 - 01/13 17:57:24	Fixed ( 0.0, 0.0)	synoptic, shifted -12.5 min
01/14 06:03:00 - 01/14 06:09:54	Fixed ( 0.0, 0.0)	synoptic
01/14 18:07:30 - 01/14 18:14:24	Fixed ( 0.0, 0.0)	synoptic, shifted 4.5 min
01/15 06:25:30 - 01/15 06:32:24	Fixed ( 0.0, 0.0)	synoptic, shifted 22.5 min
01/15 18:11:30 - 01/15 18:18:24	Fixed ( 0.0, 0.0)	synoptic, shifted 8.5 min
01/16 05:58:30 - 01/16 06:05:24	Fixed ( 0.0, 0.0)	synoptic, shifted -4.5 min
01/16 18:00:30 - 01/16 18:07:24	Fixed ( 0.0, 0.0)	synoptic, shifted -2.5 min
01/17 06:03:00 - 01/17 06:09:54	Fixed ( 0.0, 0.0)	synoptic
01/17 18:03:00 - 01/17 18:09:54	Fixed ( 0.0, 0.0)	synoptic
01/18 05:32:00 - 01/18 05:38:54	Fixed ( 0.0, 0.0)	synoptic, shifted -31.0 min
01/18 18:21:30 - 01/18 18:28:24	Fixed ( 0.0, 0.0)	synoptic, shifted 18.5 min
01/19 06:06:30 - 01/19 06:13:24	Fixed ( 0.0, 0.0)	synoptic, shifted 3.5 min
01/19 18:03:00 - 01/19 18:09:54	Fixed ( 0.0, 0.0)	synoptic

PROG= 03 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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

**XOB #1A33: CME watch - 4x4 - AEC 2 - Al-poly - G-band (2x2,8ms) - Leak (33ms) - 5min cad**

Term	Pointing (x, y)	Comment
01/16 10:00:00 - 01/16 12:31:54	Track ( -153.4, 243.8) @ 01/16 09:50:00	# SP mosaic obs 1/2
01/16 12:35:00 - 01/16 15:08:00	Track ( 127.8, 244.0) @ 01/16 12:32:00	# SP mosaic obs 2/2
01/17 00:03:00 - 01/17 05:59:54	Track ( 172.0, 19.2) @ 01/17 00:00:00	# SOT QS observation 15deg W
01/17 10:31:01 - 01/17 13:02:54	Track ( -152.9, -86.2) @ 01/17 10:26:00	# SP mosaic obs 1/2
01/17 13:06:00 - 01/17 15:40:54	Track ( 127.5, -86.0) @ 01/17 13:03:00	# SP mosaic obs 2/2

PROG= 02 Inf.-time(s)

Subr= 1	20-time(s)	300.0sec											
Seqn= 78	1-time(s)	4.0sec											
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	2	0	2.0sec
Subr= 2	1-time(s)	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 #1A1B: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 33ms**

Term	Pointing (x, y)	Comment
01/18 09:35:30 - 01/18 15:29:54	Fixed ( -24.0, 885.0)	# HOP81 at N-pole
01/19 10:11:00 - 01/19 16:07:54	Fixed ( -25.0, -935.0)	# HOP81 at S-pole

PROG= 13 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	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 #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
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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

\* \* \* \* \*

Flare mode

\* \* \* \* \*

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
01/13 10:43:00 - 01/13 14:29:54	Fixed ( 925.0, 121.0)	# OP start + 10min, AR12257(fixed)
01/13 14:33:00 - 01/13 17:29:54	Track ( -192.0, -184.9) @ 01/13 14:30:00	# HOP274 on AR12259
01/13 17:33:00 - 01/13 17:47:24	Track ( -192.0, -184.9) @ 01/13 14:30:00	# HOP274 on AR12259
01/13 18:00:30 - 01/14 05:59:54	Fixed ( 925.0, 121.0)	# AR12257(fixed) and EIS spectral atlas
01/14 06:13:00 - 01/14 14:29:54	Track ( -51.3, -182.4) @ 01/14 06:10:00	# AR12259(HOP274 14:30-17:30)
01/14 14:33:00 - 01/14 17:09:30	Track ( -51.3, -182.4) @ 01/14 06:10:00	# AR12259(HOP274 14:30-17:30)
01/14 17:34:00 - 01/14 18:04:24	Track ( -51.3, -182.4) @ 01/14 06:10:00	# AR12259(HOP274 14:30-17:30)
01/14 18:17:30 - 01/15 06:22:24	Track ( 58.1, -181.6) @ 01/14 18:14:30	# AR12259
01/15 06:35:30 - 01/15 14:29:54	Track ( 168.7, -181.8) @ 01/15 06:32:30	# AR12259 (HOP274 14:30-17:30)
01/15 14:45:30 - 01/15 17:29:54	Track ( 168.7, -181.8) @ 01/15 06:32:30	# AR12259 (HOP274 14:30-17:30)
01/15 17:33:00 - 01/15 17:45:00	Track ( 168.7, -181.8) @ 01/15 06:32:30	# AR12259 (HOP274 14:30-17:30)
01/15 18:21:30 - 01/16 05:55:24	Track ( 272.3, -182.9) @ 01/15 18:18:30	# AR12259
01/16 06:08:30 - 01/16 09:43:30	Track ( 372.6, -185.0) @ 01/16 06:05:30	# AR12259
01/16 10:00:00 - 01/16 12:31:54	Track ( -153.4, 243.8) @ 01/16 09:50:00	# SP mosaic obs 1/2
01/16 12:35:00 - 01/16 15:08:00	Track ( 127.8, 244.0) @ 01/16 12:32:00	# SP mosaic obs 2/2
01/16 15:31:30 - 01/16 17:57:24	Track ( 446.6, -187.3) @ 01/16 15:10:00	# AR12259
01/16 18:10:30 - 01/16 23:59:54	Track ( 470.0, -188.2) @ 01/16 18:07:30	# AR12259
01/17 00:03:00 - 01/17 05:59:54	Track ( 172.0, 19.2) @ 01/17 00:00:00	# SOT QS observation 15deg W
01/17 06:13:00 - 01/17 10:21:30	Track ( 561.1, -192.3) @ 01/17 06:10:00	# AR12259
01/17 10:31:01 - 01/17 13:02:54	Track ( -152.9, -86.2) @ 01/17 10:26:00	# SP mosaic obs 1/2
01/17 13:06:00 - 01/17 15:40:54	Track ( 127.5, -86.0) @ 01/17 13:03:00	# SP mosaic obs 2/2
01/17 16:07:00 - 01/17 17:59:54	Track ( 627.8, -196.3) @ 01/17 15:41:00	# AR12259
01/17 18:13:00 - 01/18 05:28:54	Track ( 644.4, -197.4) @ 01/17 18:10:00	# AR12259
01/18 05:42:00 - 01/18 09:16:30	Track ( 716.0, -203.1) @ 01/18 05:39:00	# AR12259
01/18 09:35:30 - 01/18 15:29:54	Fixed ( -24.0, 885.0)	# HOP81 at N-pole
01/18 15:33:00 - 01/18 17:55:00	Track ( 770.5, -208.5) @ 01/18 15:30:00	# AR12259

01/18 18:31:30 - 01/19 06:03:24 Track ( 785.6, -210.2) <sup>Ⓜ 01/18 18:28:30</sup> # AR12259  
 01/19 06:16:30 - 01/19 09:54:00 Track ( 838.9, -217.6) <sup>Ⓜ 01/19 06:13:30</sup> # AR12259  
 01/19 10:11:00 - 01/19 16:07:54 Fixed ( -25.0, -935.0) # HOP81 at S-pole  
 01/19 16:11:00 - 01/19 17:59:54 Track ( 875.6, -224.2) <sup>Ⓜ 01/19 16:08:00</sup> # AR12259  
 01/19 18:13:00 - 01/20 03:49:30 Track ( 882.1, -225.6) <sup>Ⓜ 01/19 18:10:00</sup> # AR12259  
 01/20 04:20:00 - 01/20 06:06:24 Fixed ( 910.0, -232.0) # AR12259 (fixed)  
 01/20 06:23:30 - 01/20 08:49:30 Fixed ( 910.0, -232.0) # AR12259 (fixed)

**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			

\* \* \* \* \*

**Active Region Search**

\* \* \* \* \*

NOT USED

\* \* \* \* \*

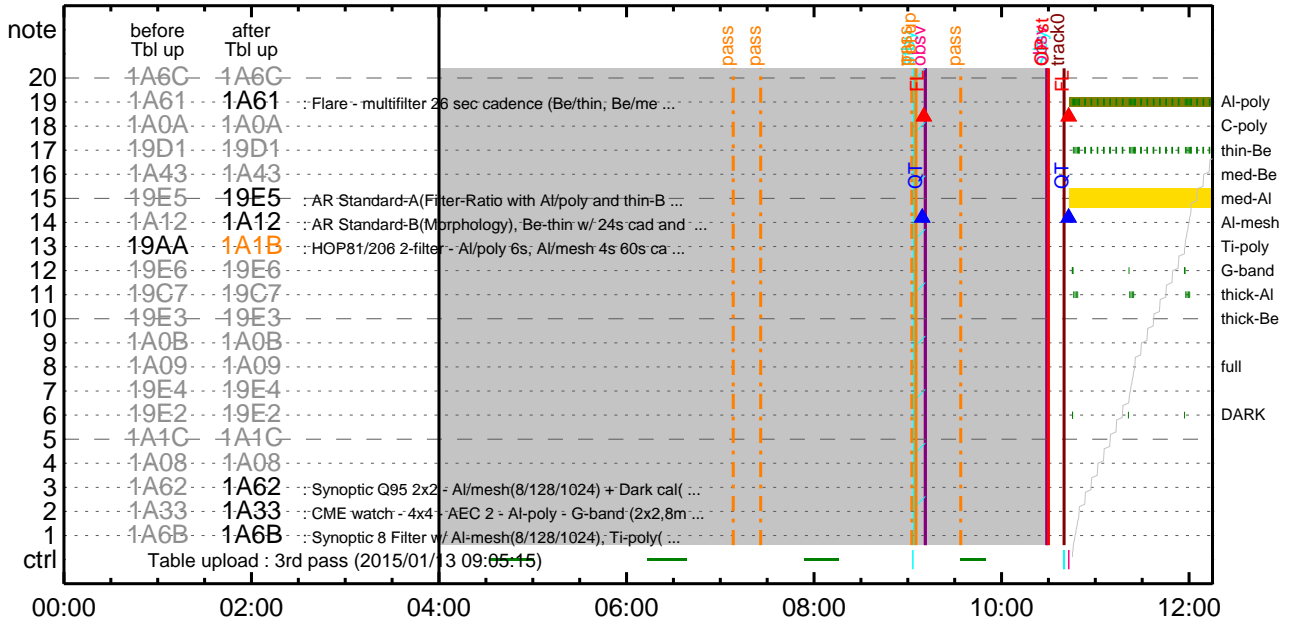
**Flare Detection**

\* \* \* \* \*

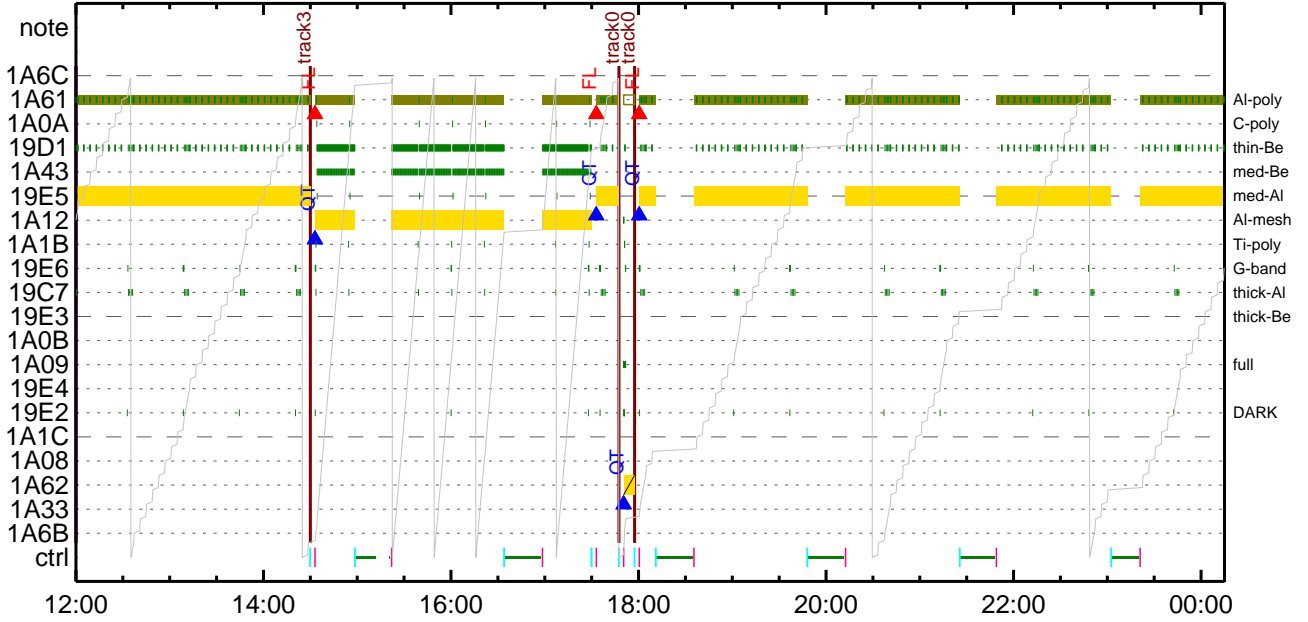
**FLD Patrol**

Term	Pointing (x, y)	Comment
01/13 17:57:48 - 01/14 06:00:18	Fixed ( 925.0, 121.0)	# AR12257(fixed) and EIS spectral atlas
01/14 06:10:18 - 01/14 18:04:48	Track ( -51.3, -182.4) <sup>Ⓜ 01/14 06:10:00</sup>	# AR12259(HOP274 14:30-17:30)
01/14 18:14:48 - 01/15 06:22:48	Track ( 58.1, -181.6) <sup>Ⓜ 01/14 18:14:30</sup>	# AR12259
01/15 06:32:48 - 01/15 18:08:48	Track ( 168.7, -181.8) <sup>Ⓜ 01/15 06:32:30</sup>	# AR12259 (HOP274 14:30-17:30)
01/15 18:18:48 - 01/16 05:55:48	Track ( 272.3, -182.9) <sup>Ⓜ 01/15 18:18:30</sup>	# AR12259
01/16 06:05:48 - 01/16 17:57:48	Track ( 372.6, -185.0) <sup>Ⓜ 01/16 06:05:30</sup>	# AR12259
01/16 18:07:48 - 01/17 06:00:18	Track ( 470.0, -188.2) <sup>Ⓜ 01/16 18:07:30</sup>	# AR12259
01/17 06:10:18 - 01/17 18:00:18	Track ( 561.1, -192.3) <sup>Ⓜ 01/17 06:10:00</sup>	# AR12259
01/17 18:10:18 - 01/18 05:29:18	Track ( 644.4, -197.4) <sup>Ⓜ 01/17 18:10:00</sup>	# AR12259
01/18 05:39:18 - 01/18 18:18:48	Track ( 716.0, -203.1) <sup>Ⓜ 01/18 05:39:00</sup>	# AR12259
01/18 18:28:48 - 01/19 06:03:48	Track ( 785.6, -210.2) <sup>Ⓜ 01/18 18:28:30</sup>	# AR12259
01/19 06:13:48 - 01/19 18:00:18	Track ( 838.9, -217.6) <sup>Ⓜ 01/19 06:13:30</sup>	# AR12259
01/19 18:10:18 - 01/20 06:06:48	Track ( 882.1, -225.6) <sup>Ⓜ 01/19 18:10:00</sup>	# AR12259
01/20 06:20:48 - 01/21 09:52:00	Fixed ( 910.0, -232.0)	# AR12259 (fixed)
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

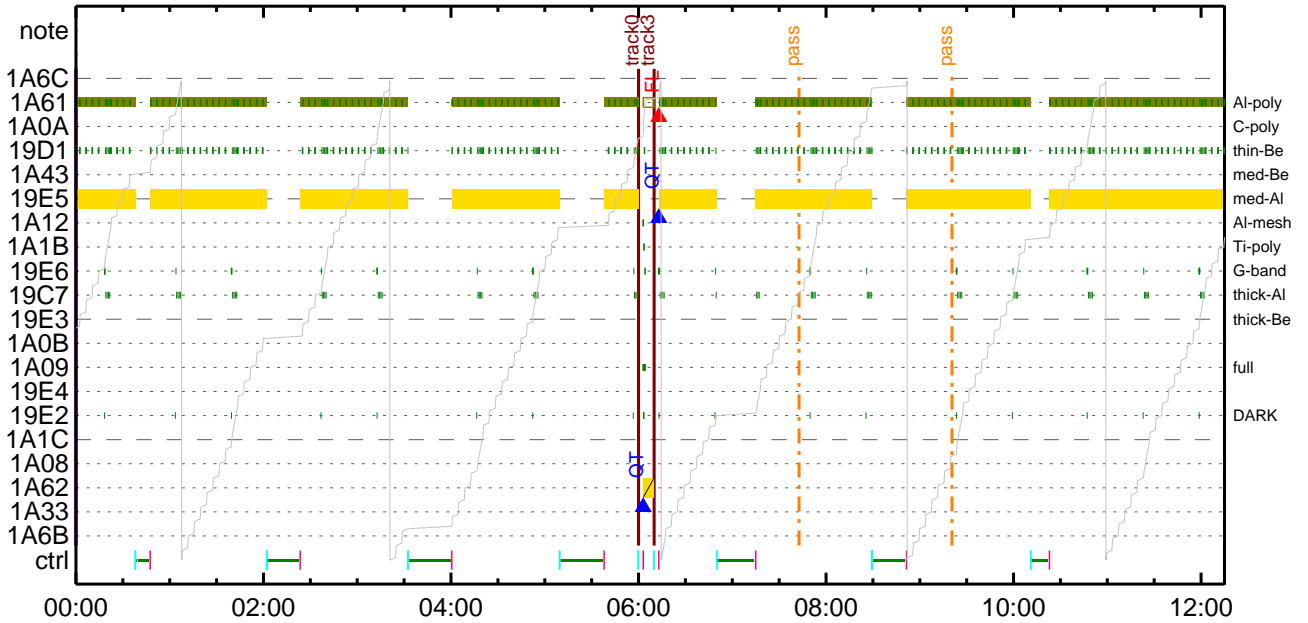
### CMDI #0849 2015/01/13



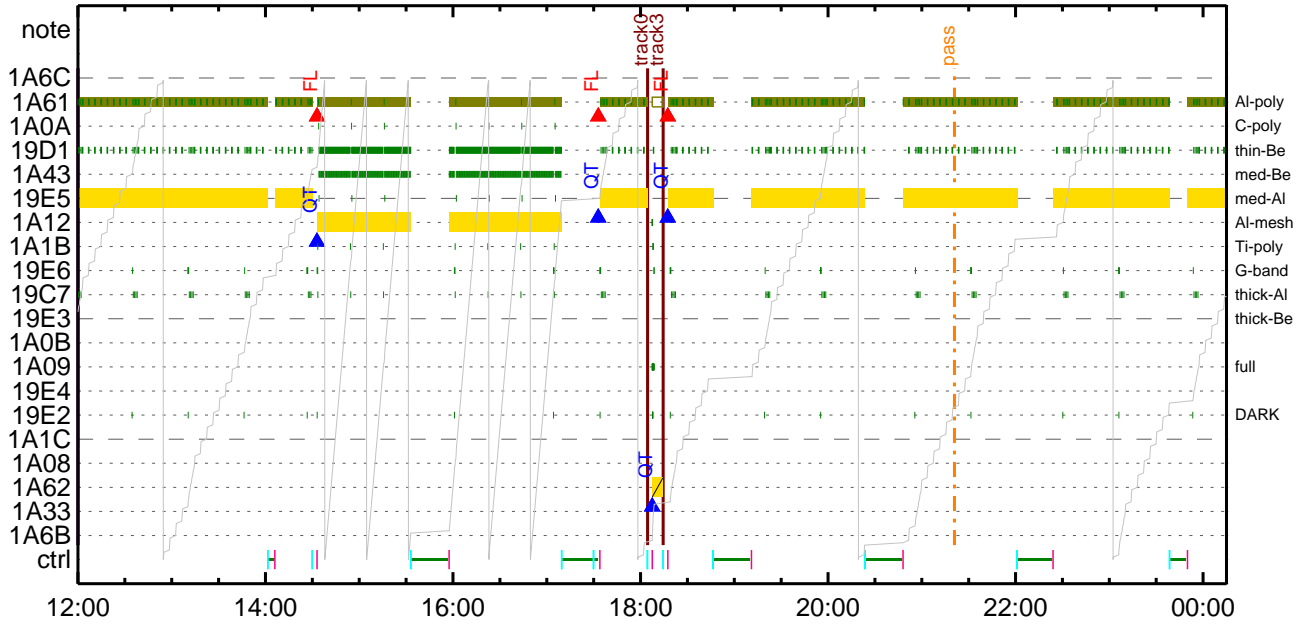
### CMDI #0849 2015/01/13



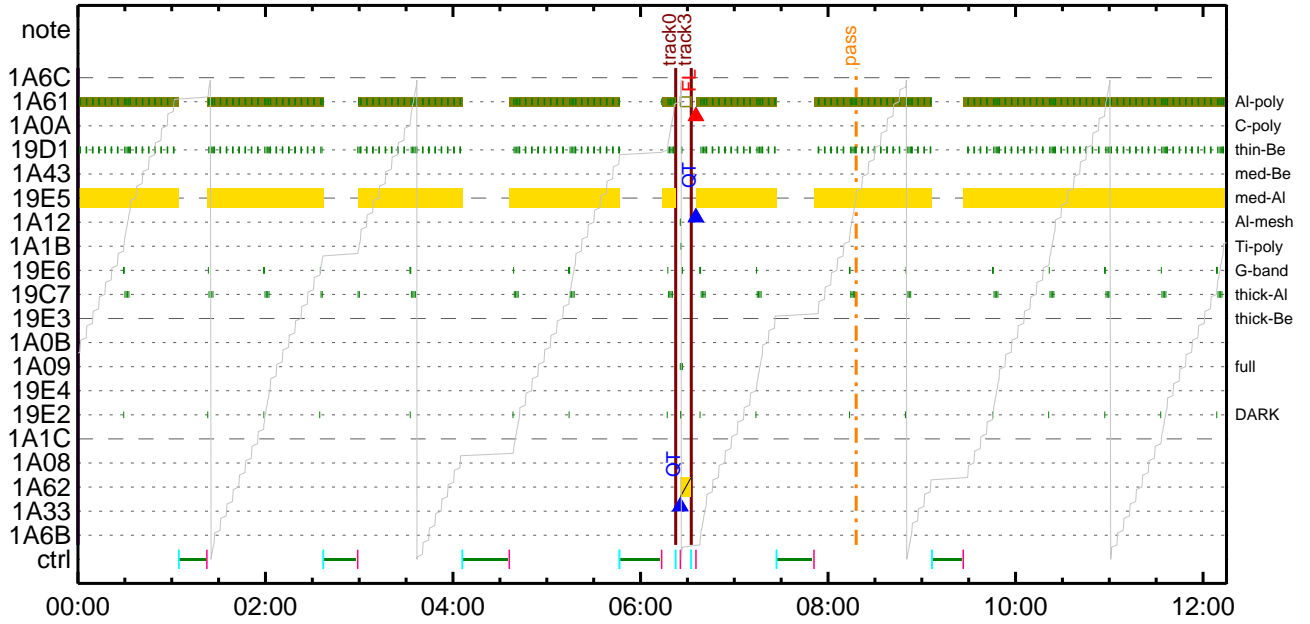
### CMDI #0849 2015/01/14



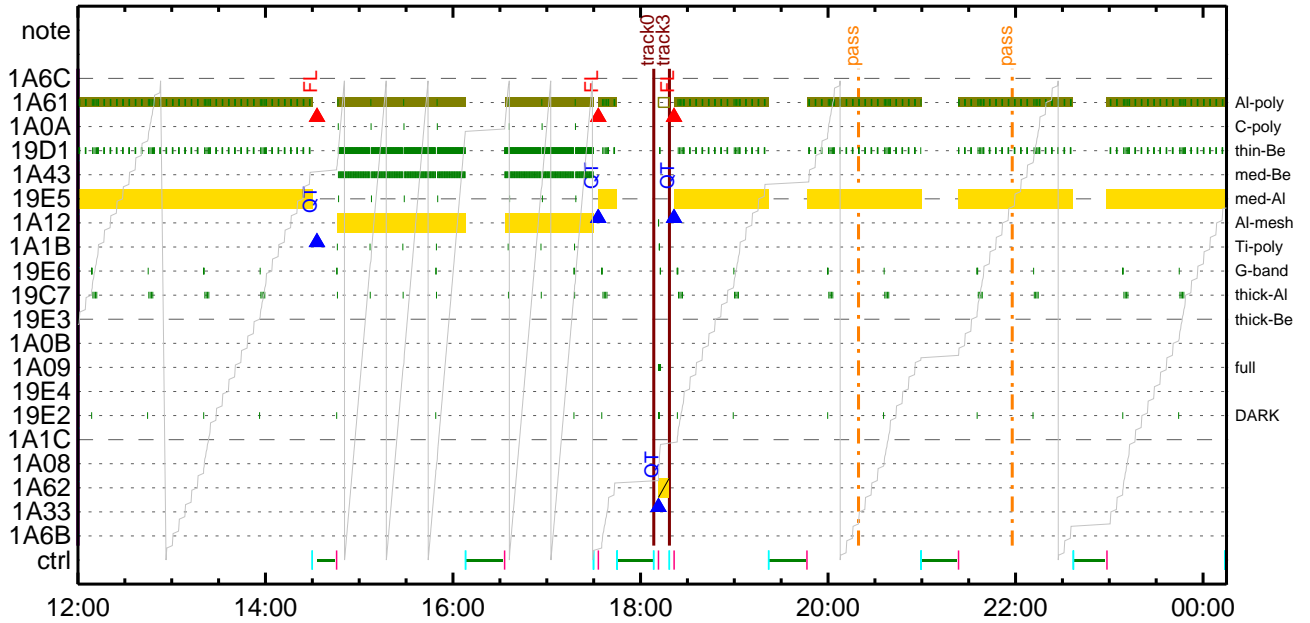
CMDI #0849 2015/01/14



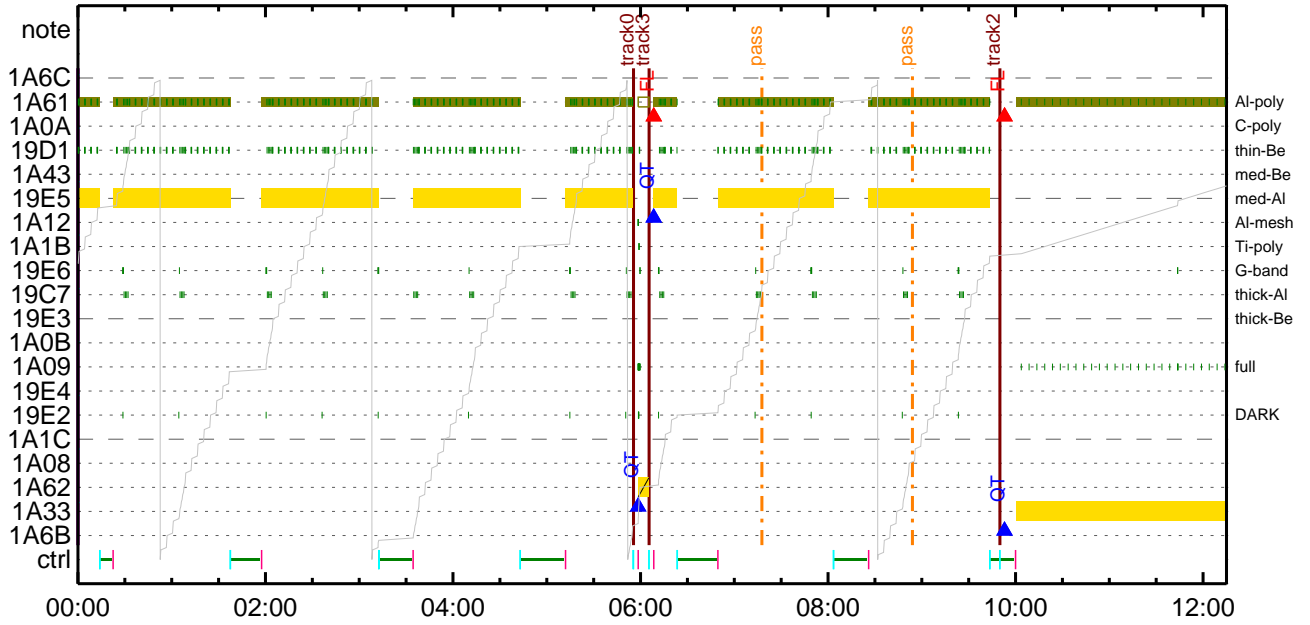
CMDI #0849 2015/01/15



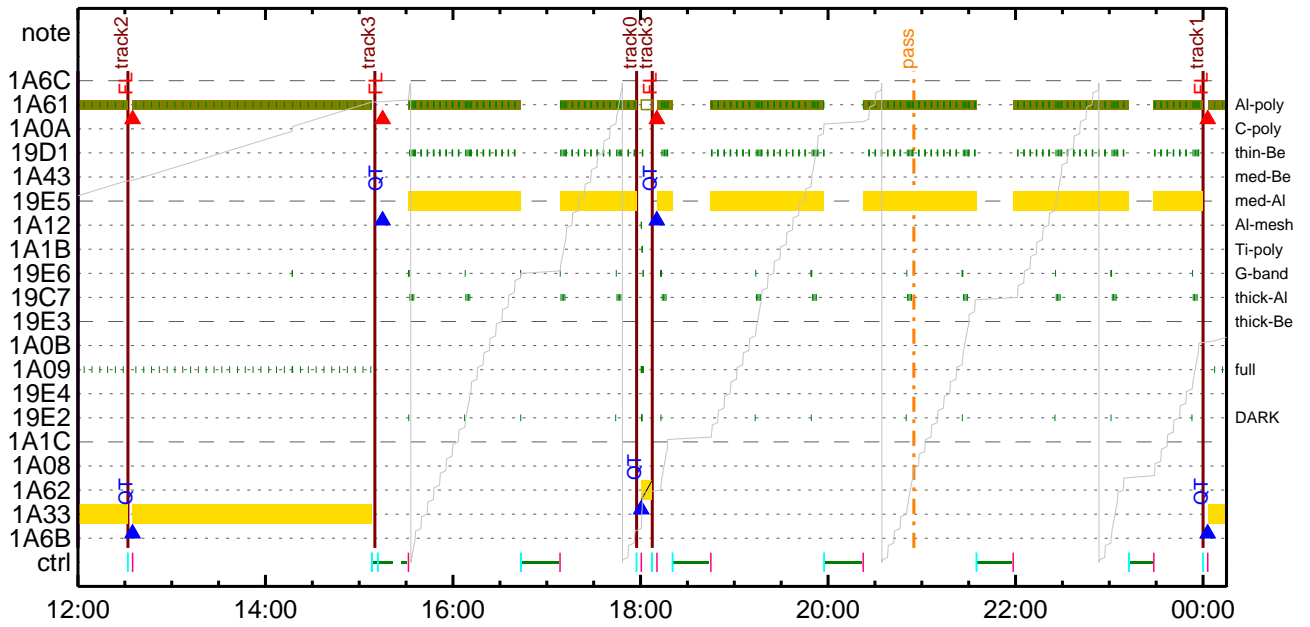
CMDI #0849 2015/01/15



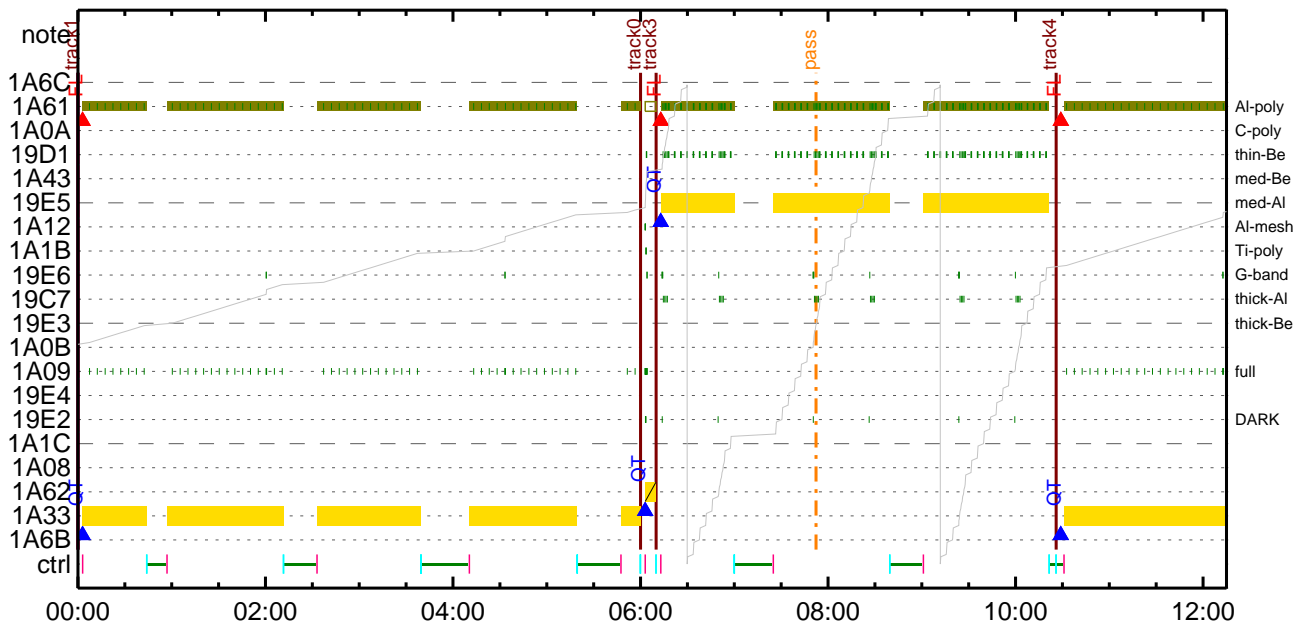
CMDI #0849 2015/01/16



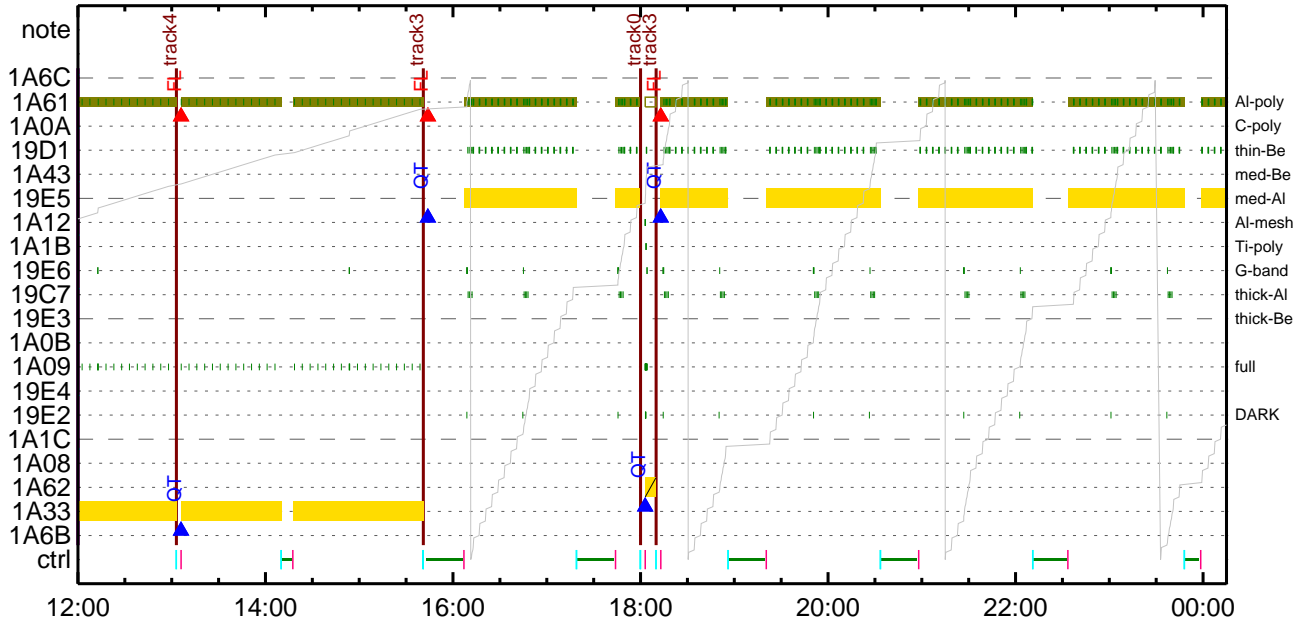
CMDI #0849 2015/01/16



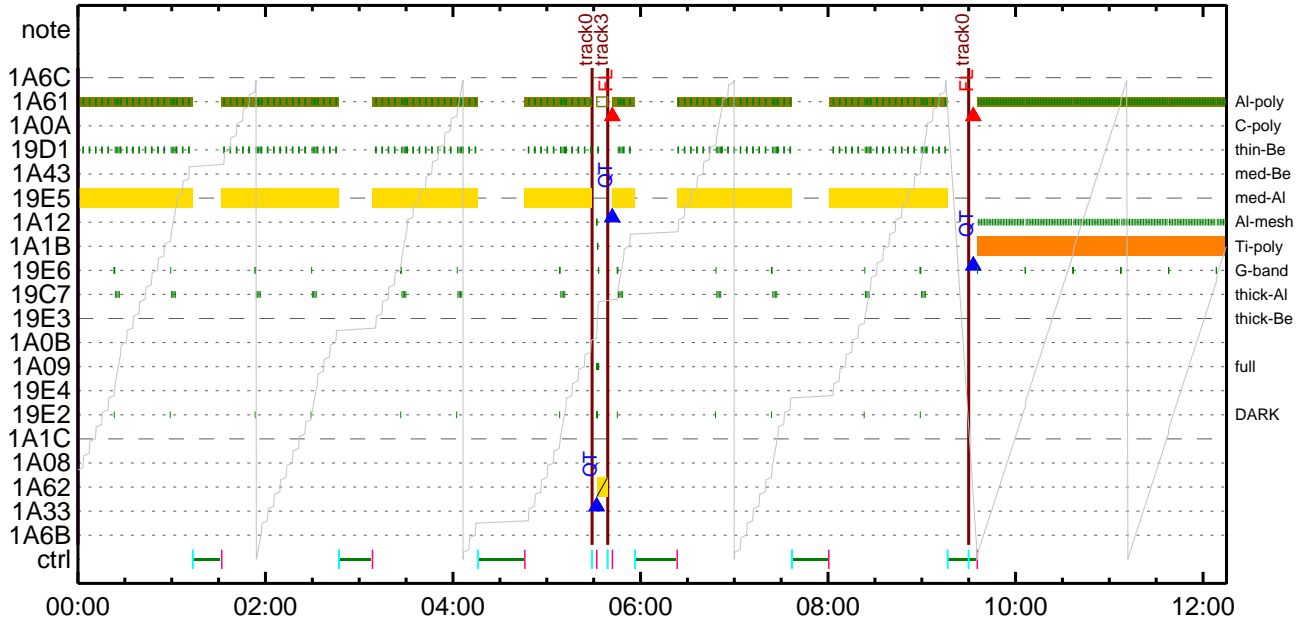
CMDI #0849 2015/01/17



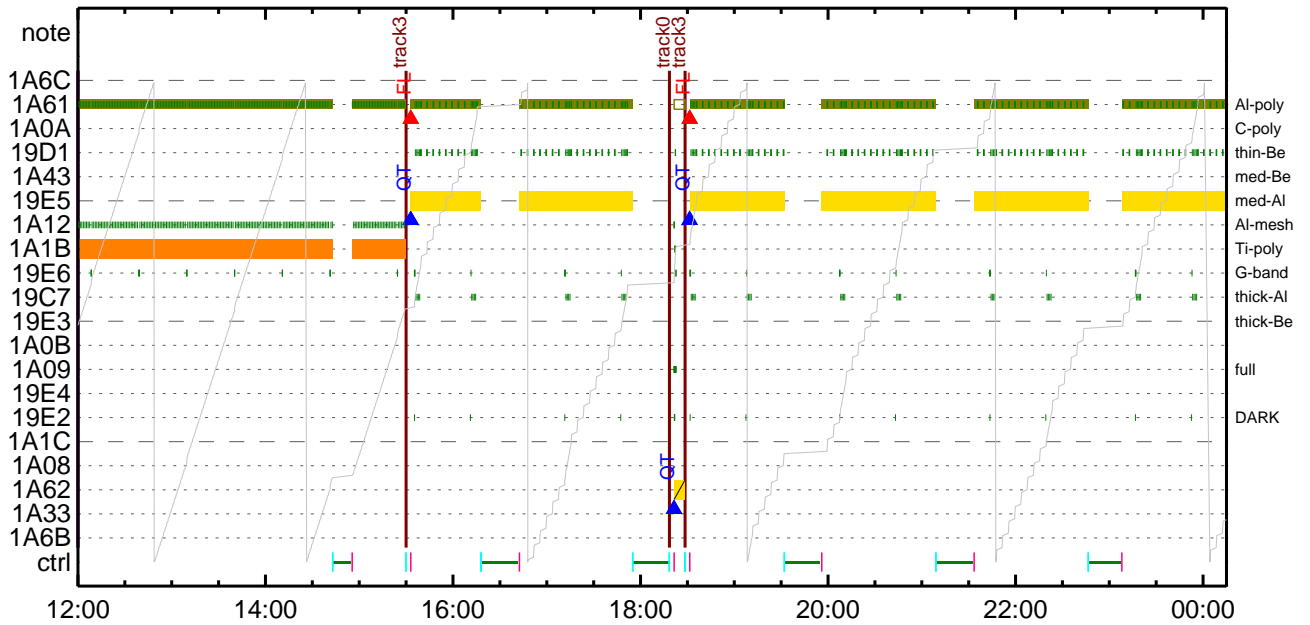
CMDI #0849 2015/01/17



CMDI #0849 2015/01/18

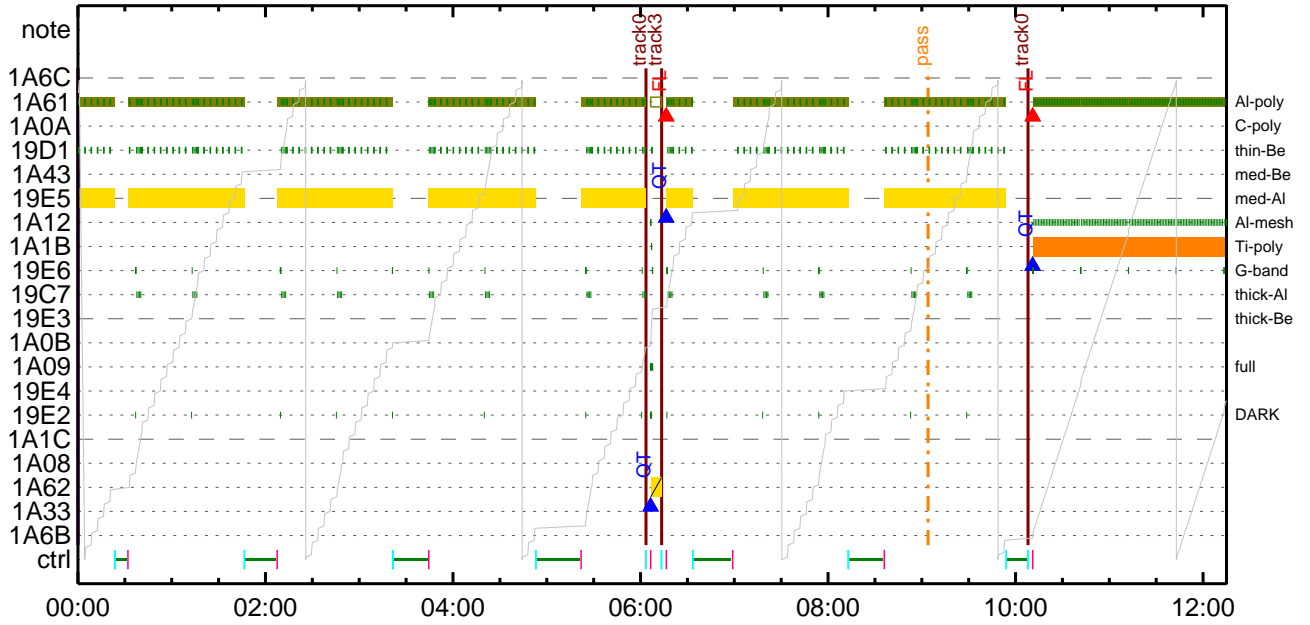


CMDI #0849 2015/01/18

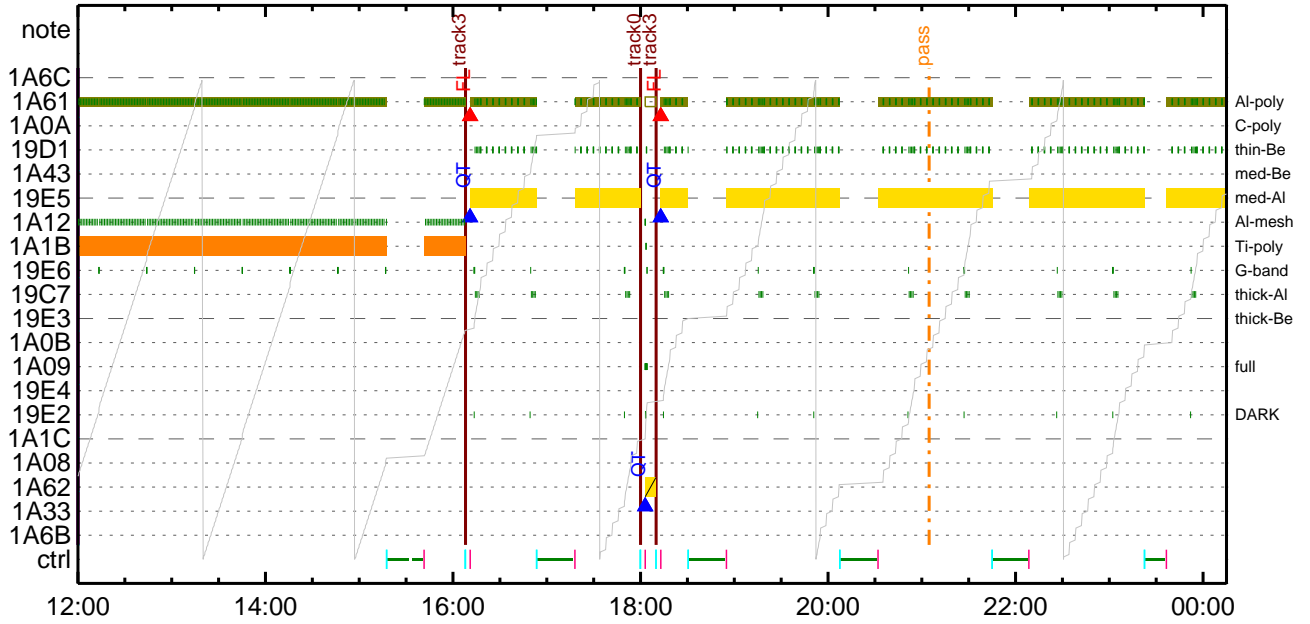




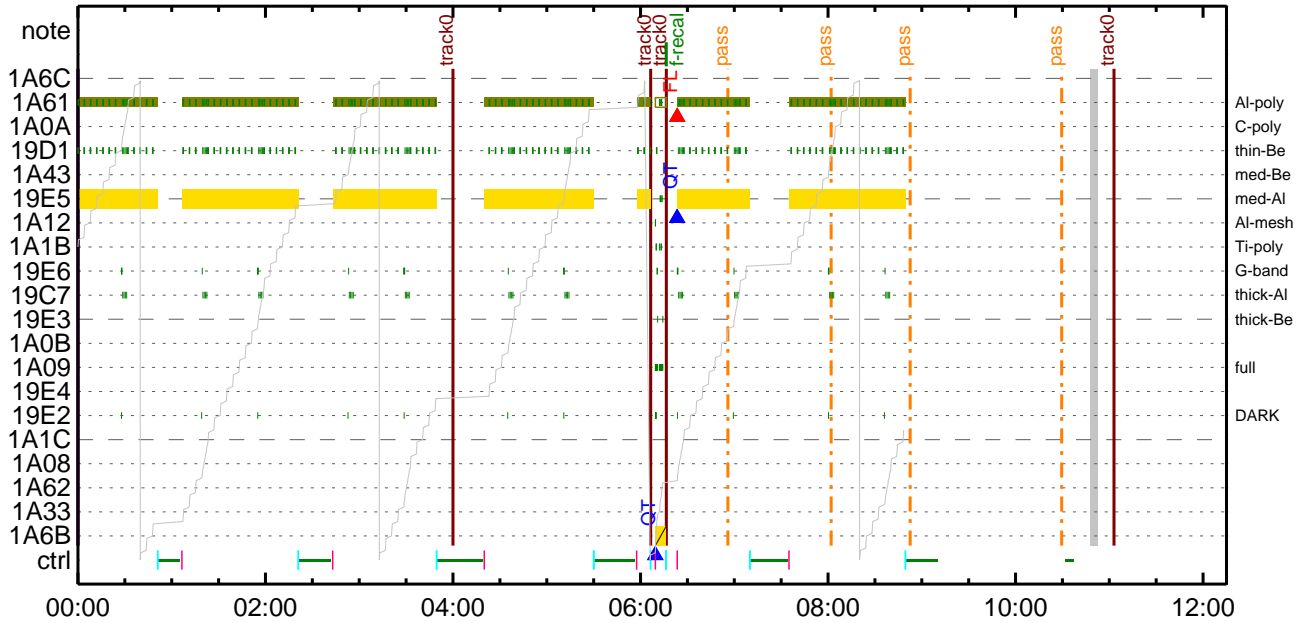
CMDI #0849 2015/01/19



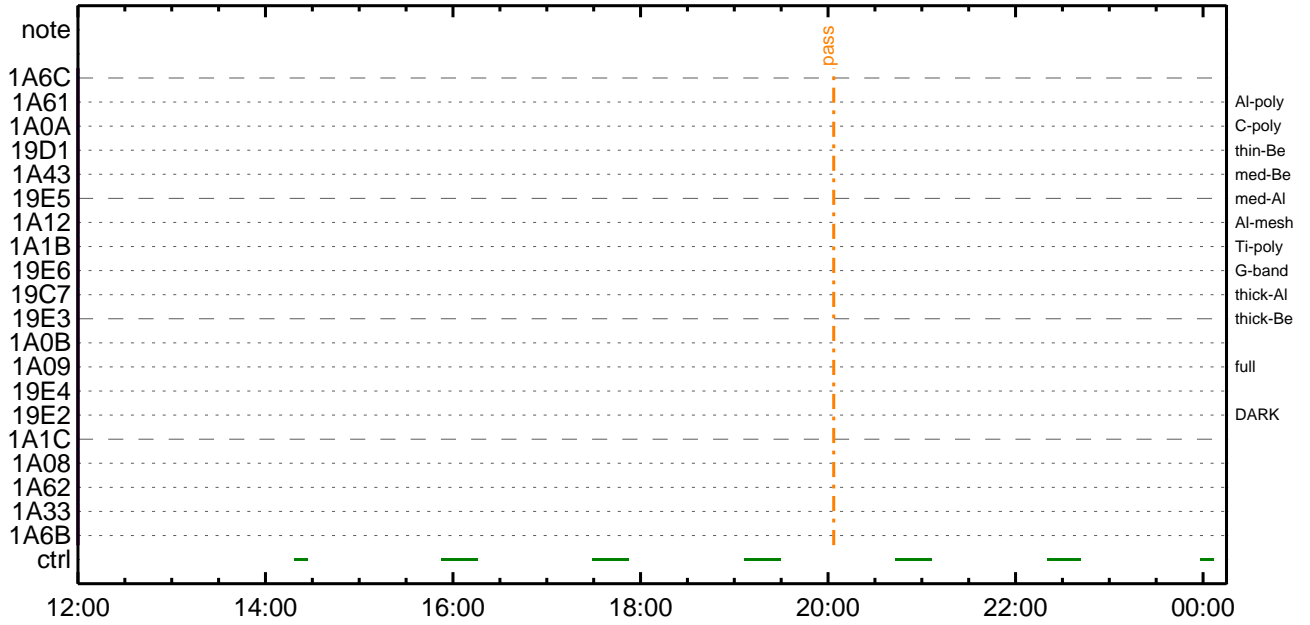
CMDI #0849 2015/01/19



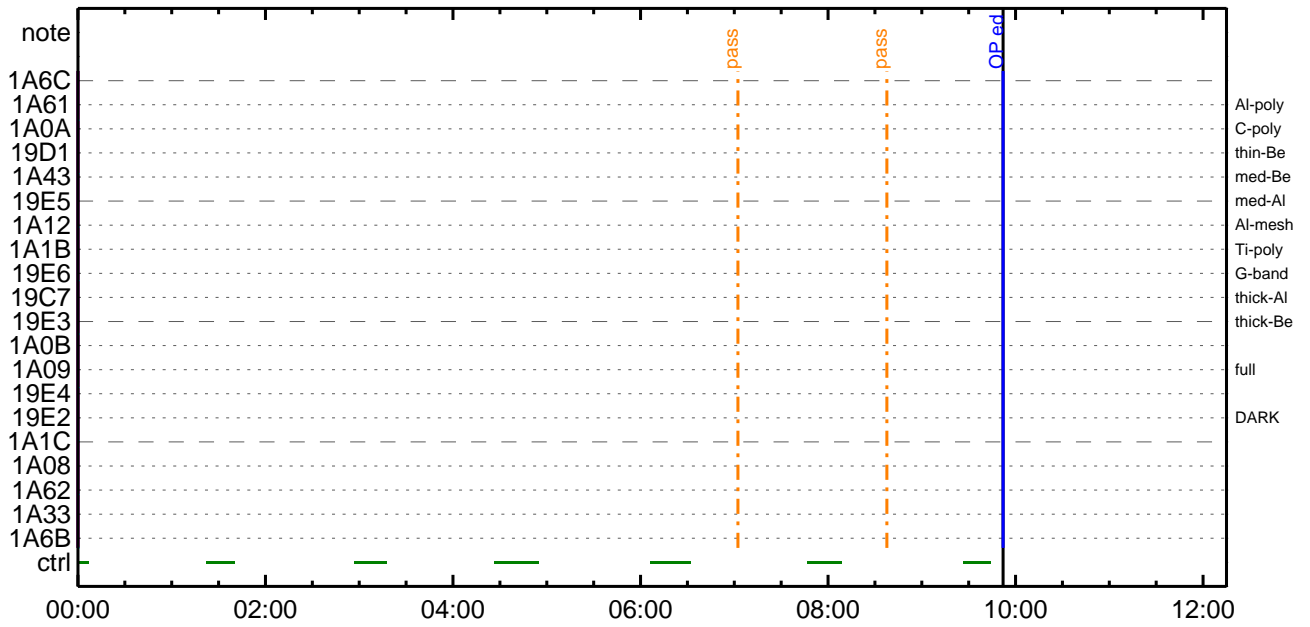
CMDI #0849 2015/01/20



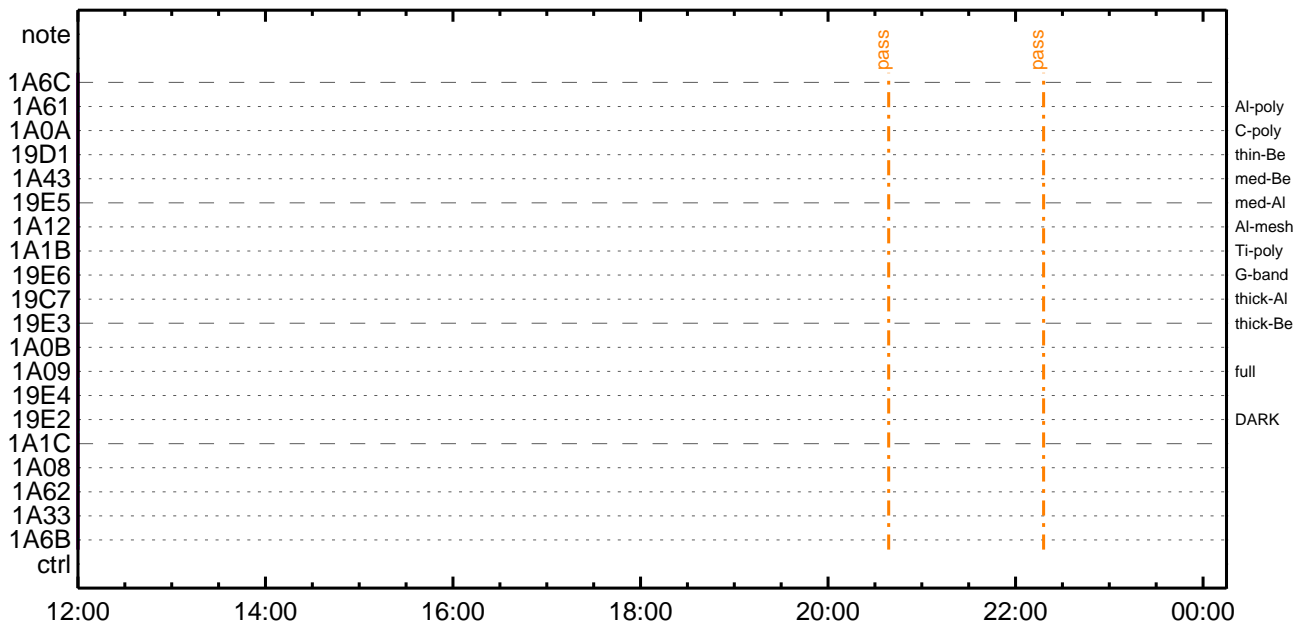
CMDI #0849 2015/01/20



CMDI #0849 2015/01/21



CMDI #0849 2015/01/21





```
0096 C.
0097 C.
0098 C.
0099 C. *****
0099 C. OP/OGY1;4YE; | YAY6Yx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-867:OP
0104 ( )
0105 S. OG og-867:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAY6Yx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAY6Yx½ªî»ð³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG½î½Ë¹Ç·è²îOKð³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAY6Yx½ªî»ð³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG½î½Ë¹Ç·è²îOKð³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAY6Yx½ªî»ð³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG,RAM ID=OP½î½Ë¹Ç·è²îOKð³îÇ§
0165 C.
0166 C. ***** òË²¼òî½Ë¹Ç·è²îOKð³îÇ§ *****
0167 C. DHUYâ;4YE;Ë½Y½;Yî;½YE;Ëòîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD½-À÷¿@NG½î½Ë¹Ç·è²îOKð³îÇ§ *****
0180 C. òð¾¿;çSETòEDUMPAË±òîYNY¹ç¹Ôò|ò³òË;£
0181 C.
0182 C. TIY³YþY6YEòðÂDî¿(UT)
0183 +. TI 2015-01-13 10:25:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2015-01-13 10:25:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2015-01-13 10:25:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```

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0194 C.
0195 +. TI 2015-01-13 10:29:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.      çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼αİÄë%ıİñαİŷÄŷŞŷÄŷ-¹âİŰ
0200 C.      çç[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.      çç[HK1_TI_CMD_NUM]          EQ      4
0202 C.      çç[HK1_NEXT_EXEC_PIM]      EQ      DHU
0203 C.      çç[HK1_NEXT_EXEC_DC]      EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIİİİ°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.      çç[HK1_DMP_TOP_ADRS_1]    EQ      07
0213 C.      çç[HK1_DMP_TOP_ADRS_0]    EQ      2B
0214 C.      çç[HK1_DMP_BLOCK_NUM]     EQ      3
0215 C.      çç[HK1_DMP_REPEAT_NUM]    EQ      0
0216 C.      çç[HK1_DMA_DMP_PIM]      EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.      çç[HK1_PKT_FORM_NO]      EQ      7
0220 C.      çç[HK1_PKT_GEN_TIME]      EQ      0.25 s
0221 C.      çç[HK1_S_TLM_BIT_RATE]   EQ      32k
0222 C.      çç[HK1_X_TLM_BIT_RATE]   EQ      4M
0223 C.      çç[HK1_DMP_CHK_FLG]      EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªİ»αð³İÇŞ
0226 C.      çç[HK1_DMP_CHK_FLG]      EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLαİŷÈ¹ç•è²İOKαð³İÇŞ
0229 C.
0230 C. DHUŷâ;¼ŷÈ;È¼ŷ¼. ŷİ;¼ŷÈ;Èαðİāα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.      çç[HK1_PKT_FORM_NO]      EQ      2
0234 C.      çç[HK1_PKT_GEN_TIME]      EQ      0.5S
0235 C.      çç[HK1_S_TLM_BIT_RATE]   EQ      32K
0236 C.      çç[HK1_X_TLM_BIT_RATE]   EQ      4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2015-01-13 10:29:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C. -----
0246 C.      HK1_TI_CMD_NUM      = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2015-01-13 10:29:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2015-01-13 10:29:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.      [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2015-01-13 10:29:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC      (c3)
0271 C.      [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP `úÃİαİ»ö¼ŷ¼ÈÄĐα¹αèDCBC•x²è *****
0276 C. (¼ā°İŷÖŷÄŷÈŷŷŷÈŷáŷçŷèÈ¼αα¼Ä»Űα¹αè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷĐŷ¹•İ Daily±çİñαÈ'Øα¹αèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷŞŷÄŷ-¼Ä»Ű;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-868 2015-01-13 13:11:44 94 33 SOLAR-B MAIN //
0001   C.
0002   . C. ***** AOS *****
0003   C.
0004   . C. ;ãAOSYÁY$YÁY~¼Ä»Û;ã
0005   C.
0006   C. YÁYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008   C.
0009   . C. ***** AOCs : Reload orbital element (send every contact) *****
0010   C.   Áí;È¿¿ðÁß•µ°Æ»Í×ÁÇ¿íYçYÁY×Yí;¼YÉ;ÈÈ%µ•ííÈ;ÈßÈ¼°ÇÔß•ñ¿¼ì¹ç¿í;çÁ®, ùñ¹òÈßß¿ÇÁ+¿®ß•ßÈßß³ßÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012   C.
0013   C.
0014   . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015   C. Upload the Orbit Element and the Target Attitude
0016   C. RAM-ID:TARGET_ATT
0017   . S. RAM   ram-150:TARGET_ATT
0018   ( )
0019   C.
0020   C.
0021   C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023   BC      (07 00 00 00 18 00)
0024   C.
0025   C.    <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026   C.
0027   C.
0028   C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030   BC      (04 0b f8)
0031   C.
0032   C. Wait for AOCSDUMP to end
0033   C.
0034   . C. Check the dump memory
0035   C.
0036   C.                                     Result = OK [ ]
0037   C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039   BC      (02 0a f8)
0040   C.
0041   C.                                     <A_***>[TLM STS] FMT = 2 [ ]
0042   C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044   . C.
0045   . C. ***** AOCs Commands (Orbital Element Update) *****
0046   C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048   BC      (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050   C.
0051   C.    <A_ORB>[ORBIT] EPC = 1715276.1 +- 1.0 (s) [ ]
0052   C.
0053   C.
0054   . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056   BC      (20)
0057   . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059   BC      (21 02)
0060   . C. Verify EIS in MANUAL mode
0061   C. Estimated OBSTBL upload time is 1m21s
0062   C. *****
0063   C. EIS START OBSTBL LOAD
0064   C. *****
0065   . S. RAM   ram-820:EIS_OBSTBL
0066   ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068   BC      (07 07 07 00 00 70 00)
0069   C.
0070   C. Execute, after the success of OBSTBL upload.
0071   C. Set EIS TI-commands
0072 +. TI 2015-01-13 10:29:50.0
0073   DC 07-FC EIS_MODE_CHG_ENA
0074   BC      (20)
0075   . C.          [ ] [HK1_TI_CMD_NUM]    EQ    1 COUNTUP
0076   C. *****
0077   C. EIS END OBSTBL LOAD
0078   C. *****
0079   C.
0080   . C. ***** MDP `ûÁÎñÎ»ò¼YðÈÁðñ¹èDCBC•x²è *****
0081   C. (¼á°îYÓYÁYÈYÈYÈYáYçYèñE¾¼ñ¼Á»Ûñ¹è)
0082   . S. DC-BC dcbc-402:DCBC
0083   (MDP_known_event)
0084   C.
0085   C.
0086   . C. ***** YDÝ¹•İ Daily±¿ÍÑñÈ´Øñ¹èDCBC•x²è *****
0087   . S. DC-BC dcbc-153:DCBC
0088   (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089   C.
0090   C.
0091   . C. ;ãLOSÝÁY$YÁY~¼Ä»Û;ã
0092   C.
0093   . C. ***** LOS *****
0094   C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-869 2015-01-13 13:11:44 154 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÃY$YÃY-¼Å»Û;ã
0005 C.
0006 C. YÃYB;¼Y³YFÿóYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ðÃð•µ°Æ»Í×ÁÇ¿íYçYÃY×Yí;¼YÉ;ÈÈè¼µ•ííÉ;ÈðÈ¼°ÇÔð•¿¿¼í¹ç¿í;çÀ®, ù¿¹¿ð¿ð¿ð¿ÇÁ+¿®ð•¿È¿¿¿¿¿¿¿È;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-263: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. < Upload DPL table >
0036 C.
0037 C. YçYÃY×Yí;¼YÉ¿íÁ°¿ÈSTS_CHK¿ðOFF¿È¿¹¿è
0038 C.
0039 . S. RAM ram-271:MDP_DPL
0040 ( )
0041 C.
0042 . C. < Dump RAMID=MDP_DPL >
0043 +. DC 07-F0 MDP_DUMP_FGTBL
0044 BC (82 07 00 38 b8 00 40)
0045 C. -----
0046 C. MDP_DPL verify = OK [ ]
0047 C. -----
0048 C.
0049 C. STS_CHK¿ðON¿È¿¹¿è
0050 C.
0051 . C. < Update MDP DSC PAR1 >
0052 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0053 BC (4c)
0054 C. MDP_CMD_CODE = F04C0700[ ]
0055 C. MDP_CMD_CNT (count-up 1) [ ]
0056 C. -----
0057 C.
0058 . C.
0059 C. *****
0060 C. SOT TI command set
0061 C. *****
0062 C. Execute, after the success of TBL upload.
0063 +. TI 2015-01-13 10:29:18.0
0064 DC 07-F0 MDP_SOT_MODE_OBSV
0065 BC (40)
0066 . C. -----
0067 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0068 C. -----
0069 C.
0070 C.
0071 C. ***** XRT START *****
0072 C.
0073 +. DC 07-F0 MDP_XRT_CTRL_MANU
0074 BC (c1)
0075 + DC 07-F0 MDP_XRT_MODE_STBY
0076 BC (c3)
0077 . C. ----- Success Verify ? OK / NG_____
0078 C.
0079 C. XRT Obs. Table Upload
0080 . S. RAM ram-291:MDP_OBS_X
0081 ( )
0082 C.
0083 +. DC 07-F0 MDP_DUMP_XRTTBL
0084 BC (84 07 00 00 00 3a d4)
0085 . C. ----- Comparison Check ? OK / ERR _____
0086 C.
0087 C.
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 01 b1 b1 04 04)
0090 + DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 02 b1 b1 08 08)
0092 + DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 03 b1 b1 08 08)
0094 + DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 04 b1 b1 06 06)
```

```

0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 05 85 83 06 06)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 06 85 83 06 06)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 07 85 83 08 08)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 08 80 80 20 20)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 09 80 80 20 08)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 0a 80 80 08 20)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 0f 80 80 06 06)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 10 80 80 08 08)
0112 + DC 07-F0 MDP_XRT_FLD_ENA
0113 BC (d8)
0114 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0115 BC (c8)
0116 + DC 07-F0 MDP_XRT_AEC_RESET
0117 BC (d0)
0118 + DC 07-F0 MDP_XRT_ARS_DIS
0119 BC (d5)
0120 + DC 07-F0 MDP_XRT_FLD_RESET
0121 BC (da)
0122 + DC 07-F0 MDP_XRT_QT_PROG_SET
0123 BC (c4 0f)
0124 + DC 07-F0 MDP_XRT_FL_PROG_SET
0125 BC (c5 13)
0126 . C. ----- Success Verify ? OK / NG ____
0127 C.
0128 C.
0129 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0130 C.
0131 + DC 07-F0 MDP_XRT_MODE_OBSV
0132 BC (c2)
0133 + TI 2015-01-13 10:29:02.0
0134 DC 07-F0 MDP_XRT_MODE_OBSV
0135 BC (c2)
0136 . C. ----- Success Verify ? OK / NG ____
0137 C.
0138 C. ***** XRT END *****
0139 C.
0140 . C. ***** MDP 'uÃîâî»ö¼ÝðÊÂð¹ñèDCBC•x²è *****
0141 C. (%á°îÿÓÿÁÿËÿPÿËÿâÿçÿèñ¼ð¼Á»Û¹ñè)
0142 . S. DC-BC dcbc-402:DCBC
0143 (MDP_known_event)
0144 C.
0145 C.
0146 . C. ***** ÿÐÿ¹•ï Daily±¿îÑñÊ´Ø¹ñèDCBC•x²è *****
0147 . S. DC-BC dcbc-153:DCBC
0148 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0149 C.
0150 C.
0151 . C. ;ãLOSÿÁÿSÿËÿÿ-¼Á»Û;ä
0152 C.
0153 . C. ***** LOS *****
0154 C.

```



(a) Spacecraft Operation Procedure (real-commands)

```
main-870 2015-01-13 13:11:44 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µ°Æ»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈÈÈ¼°ÇÓα.α¿¼i¹çαÍ;çÀ®, ùα¹αèαβαÇÁ+¿®α.αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP `úÁíσí»ò¼YαÈÁĐα¹αèDCBC•x²è *****
0016 C. (¼á°íYÓYÁYÈYβYÈYáYçYèαÈ¼αα¼Á»Ûα¹αè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** YDÝ¹•İ Daily+¿ÍÑαÈ´Øα¹αèDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSÁY$YÁY-¼Á»Û;ã
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

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

2015/01/13	10:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	10:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	10:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/13	10:40:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 f5 40 ad cb				
2015/01/13	10:40:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/13	10:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/13	10:40:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/13	10:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/13	10:40:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/13	10:42:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2015/01/13	10:42:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/13	10:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/13	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	14:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	14:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/13	14:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2015/01/13	14:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/13	14:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/13	14:30:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/13	14:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/13	14:30:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/13	14:32:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2015/01/13	14:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/13	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/13	14:58:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	14:58:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	14:58:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/13	14:58:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/13	15:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/13	15:21:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/13	15:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/13	16:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	16:34:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	16:34:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/13	16:34:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/13	16:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/13	16:57:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/13	16:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/13	17:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	17:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/13	17:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/13	17:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/13	17:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/13	17:30:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/13	17:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/13	17:30:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/13	17:32:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							

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2015/01/13	17:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/01/13	17:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/13	17:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	17:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	17:47:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2015/01/13	17:47:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00
2015/01/13	17:47:48.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/01/13	17:50:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/01/13	17:50:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/13	17:50:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2015/01/13	17:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/13	17:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	17:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	17:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2015/01/13	17:57:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00	f5 40 ad cb
2015/01/13	17:57:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/13	17:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/13	17:57:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/13	17:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/13	17:57:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/13	18:00:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f
2015/01/13	18:00:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/01/13	18:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/13	18:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	18:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	18:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/13	18:11:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/13	18:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/13	18:34:30.0	XRT_Custom_430_OG [0x1ae]					
2015/01/13	18:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/13	19:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	19:48:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	19:48:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/13	19:48:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/13	19:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/13	20:11:30.0	XRT_Custom_430_OG [0x1ae]					
2015/01/13	20:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/13	21:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	21:25:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	21:25:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/13	21:25:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/13	21:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/13	21:48:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/13	21:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/13	23:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	23:02:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/13	23:02:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/13	23:02:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]					

2015/01/13	23:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/13	23:20:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/13	23:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	00:38:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	00:38:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	00:38:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	00:38:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	00:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	00:46:30.0	XRT_Custom_430_OG [0x1ae]					
2015/01/14	00:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	02:02:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	02:02:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	02:02:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	02:02:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	02:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	02:22:30.0	XRT_Custom_430_OG [0x1ae]					
2015/01/14	02:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	03:32:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	03:32:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	03:32:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	03:32:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	03:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	03:59:30.0	XRT_Custom_430_OG [0x1ae]					
2015/01/14	04:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	05:09:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	05:09:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	05:09:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	05:09:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	05:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	05:37:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/14	05:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2015/01/14	06:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2015/01/14	06:00:18.0	XRT_FLD_DIS_422_OG [0x1a6]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/01/14	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/01/14	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/14	06:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2015/01/14	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/01/14	06:10:00.0	AOCS_OrE-point_Start_2_OG [0x098]					
			AOCU_NM	5	02-76	03 00 00 00 00	
2015/01/14	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/14	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/14	06:10:22.0	XRT_AEC_RESET_413_OG [0x19d]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/14	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/14	06:10:26.0	XRT_FLD_RESET_407_OG [0x197]					

2015/01/14	06:12:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	06:12:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f
2015/01/14	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/01/14	06:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	06:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	06:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	06:50:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	06:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	07:14:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	07:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2015/01/14	08:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	08:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	08:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	08:29:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	08:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	08:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	08:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2015/01/14	10:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	10:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	10:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	10:11:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	10:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	10:22:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	10:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2015/01/14	14:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	14:01:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	14:01:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	14:01:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	14:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	14:05:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	14:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2015/01/14	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	14:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	14:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	14:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2015/01/14	14:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/14	14:30:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/14	14:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/14	14:30:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/14	14:32:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	14:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2015/01/14	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/01/14	15:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	15:33:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	15:33:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	15:33:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	15:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	15:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	15:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				

2015/01/14	17:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	17:09:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	17:09:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	17:09:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	17:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	17:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	17:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	17:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/01/14	17:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/14	17:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/14	17:30:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/14	17:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/14	17:30:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	17:32:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2015/01/14	17:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/01/14	17:33:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/14	17:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	18:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	18:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	18:04:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2015/01/14	18:04:30.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2015/01/14	18:04:48.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/01/14	18:07:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/01/14	18:07:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/14	18:07:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2015/01/14	18:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	18:14:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	18:14:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	18:14:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/01/14	18:14:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 00 00 00 00	
2015/01/14	18:14:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/14	18:14:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/14	18:14:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/14	18:14:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/14	18:14:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	18:17:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2015/01/14	18:17:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/01/14	18:17:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	18:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	18:46:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	18:46:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/14	18:46:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/14	18:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/14	19:10:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/14	19:11:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/14	20:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/14	20:23:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2015/01/14	20:23:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/14	20:23:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/14	20:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/14	20:47:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/14	20:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/14	22:01:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/14	22:01:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/14	22:01:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/14	22:01:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/14	22:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/14	22:23:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/14	22:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/14	23:38:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/14	23:38:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/14	23:38:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/14	23:38:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/14	23:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/14	23:49:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/14	23:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/15	01:04:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	01:04:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	01:04:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/15	01:04:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/15	01:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/15	01:21:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/15	01:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/15	02:37:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	02:37:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	02:37:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/15	02:37:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/15	02:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/15	02:58:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/15	02:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/15	04:06:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	04:06:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	04:06:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/15	04:06:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/15	04:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/15	04:35:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/15	04:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/15	05:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	05:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	05:46:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/15	05:46:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/15	05:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/15	06:12:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/15	06:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/15	06:22:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	06:22:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/15	06:22:28.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00

2015/01/15	06:22:30.0	AOCS_OrE-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00	00	00	00	00
2015/01/15	06:22:48.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/01/15	06:25:24.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/01/15	06:25:26.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/15	06:25:28.0	XRT_QT_PROG_SET_438_OG [0x1b6] MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2015/01/15	06:25:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	06:32:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	06:32:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	06:32:28.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/01/15	06:32:30.0	AOCS_OrE-point_Start_2_OG [0x098] AOCU_NM	5	02-76	03	00	00	00	00
2015/01/15	06:32:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/15	06:32:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/15	06:32:52.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/15	06:32:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/15	06:32:56.0	XRT_FLD_RESET_407_OG [0x197] MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	06:35:26.0	XRT_QT_PROG_SET_416_OG [0x1a0] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2015/01/15	06:35:28.0	XRT_FL_PROG_SET_401_OG [0x191] MDP_XRT_FL_PROG_SET	2	07-F0	c5	13			
2015/01/15	06:35:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	07:27:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	07:27:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	07:27:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	07:27:06.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/15	07:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/15	07:50:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/15	07:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	09:06:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	09:06:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	09:06:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	09:06:36.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/15	09:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/15	09:25:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/15	09:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	14:29:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	14:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/01/15	14:30:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/15	14:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/15	14:30:22.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/15	14:30:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/15	14:30:26.0	XRT_FLD_RESET_407_OG [0x197] MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	14:32:56.0	XRT_QT_PROG_SET_427_OG [0x1ab] MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2015/01/15	14:32:58.0	XRT_FL_PROG_SET_401_OG [0x191] MDP_XRT_FL_PROG_SET	2	07-F0	c5	13			
2015/01/15	14:44:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/15	14:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	16:08:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	16:08:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	16:08:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	16:08:06.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8				



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2015/01/15	16:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/15	16:32:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/15	16:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	17:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	17:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	17:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/15	17:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/15	17:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/15	17:30:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/15	17:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/15	17:30:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	17:32:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2015/01/15	17:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/15	17:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	17:45:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	17:45:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	17:45:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	17:45:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/15	17:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/15	18:08:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	18:08:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	18:08:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/01/15	18:08:30.0	AOCS_Orе-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2015/01/15	18:08:48.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/01/15	18:11:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/01/15	18:11:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/15	18:11:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2015/01/15	18:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	18:18:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	18:18:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	18:18:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/15	18:18:30.0	AOCS_Orе-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2015/01/15	18:18:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/15	18:18:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/15	18:18:52.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/15	18:18:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/15	18:18:56.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	18:21:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2015/01/15	18:21:28.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/15	18:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	19:22:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	19:22:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	19:22:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	19:22:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/15	19:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/15	19:45:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/15	19:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	20:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							

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2015/01/15	20:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	20:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	20:59:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	21:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/15	21:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/15	21:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]							
2015/01/15	22:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/15	22:37:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/15	22:37:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	22:37:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/15	22:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/15	22:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/15	22:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	00:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]							
2015/01/16	00:14:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/16	00:14:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	00:14:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	00:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	00:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	00:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	01:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	01:37:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]							
2015/01/16	01:37:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/16	01:37:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	01:37:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	01:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	01:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	01:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	03:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	03:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]							
2015/01/16	03:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/16	03:12:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	03:12:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	03:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	03:33:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	03:34:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	04:43:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	04:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]							
2015/01/16	04:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/16	04:43:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	04:43:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	04:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	05:11:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	05:12:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	05:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	05:55:26.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]							
2015/01/16	05:55:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/16	05:55:30.0	AOCS_Ore-point_Start_3_OG [0x099]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	05:55:48.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	05:58:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	05:58:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	05:58:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	05:58:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	05:58:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/01/16	05:55:48.0	XRT_FLD_DIS_422_OG [0x1a6]	AOCS_Ore-point_Start_3_OG [0x099]							
2015/01/16	05:55:48.0	XRT_FLD_DIS_422_OG [0x1a6]	AOCU_NM	5	02-76	00 00 00 00 00				
2015/01/16	05:58:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	d9				
2015/01/16	05:58:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/01/16	05:58:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/16	05:58:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				

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2015/01/16	05:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	06:05:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	06:05:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/16	06:05:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2015/01/16	06:05:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/16	06:05:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/16	06:05:52.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/16	06:05:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/16	06:05:56.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	06:08:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2015/01/16	06:08:28.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/16	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	06:23:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	06:23:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	06:23:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	06:23:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	06:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	06:48:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/16	06:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	08:03:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	08:03:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	08:03:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	08:03:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	08:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	08:25:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/16	08:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	09:43:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	09:43:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	09:43:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	09:43:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	09:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	09:49:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	09:49:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	09:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/16	09:50:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02 00 00 0b 64				
2015/01/16	09:50:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/16	09:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/16	09:50:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/16	09:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/16	09:50:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	09:52:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2015/01/16	09:52:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/16	09:59:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/16	10:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	12:31:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	12:31:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	12:31:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				

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2015/01/16	12:32:00.0	AOCS_OrE-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	02	00	00	f4	9c
2015/01/16	12:32:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/16	12:32:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/16	12:32:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/16	12:32:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/16	12:32:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	12:34:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2015/01/16	12:34:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	13			
2015/01/16	12:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	15:08:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	15:08:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	15:08:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	15:08:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	15:10:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03	00	00	00	00
2015/01/16	15:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	15:11:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	15:11:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	15:11:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/01/16	15:12:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/16	15:12:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/16	15:12:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/16	15:12:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/16	15:12:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	15:14:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2015/01/16	15:14:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	13			
2015/01/16	15:30:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/16	15:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	16:43:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	16:43:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	16:43:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/16	16:43:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/16	16:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/16	17:07:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/16	17:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	17:57:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	17:57:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	17:57:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2015/01/16	17:57:30.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2015/01/16	17:57:48.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/01/16	18:00:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/01/16	18:00:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/16	18:00:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2015/01/16	18:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/16	18:07:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	18:07:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/16	18:07:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/01/16	18:07:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03	00	00	00	00
2015/01/16	18:07:48.0	XRT_FLD_ENA_411_OG [0x19b]							

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2015/01/16	18:07:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/16	18:07:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/16	18:07:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/16	18:07:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/16	18:10:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/16	18:10:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f
2015/01/16	18:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/01/16	18:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/16	18:20:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	18:20:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	18:20:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/16	18:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/16	18:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/16	18:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]				
2015/01/16	19:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/16	19:57:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	19:57:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	19:57:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/16	20:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/16	20:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/16	20:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]				
2015/01/16	21:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/16	21:35:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	21:35:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	21:35:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/16	21:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/16	21:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/16	21:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]				
2015/01/16	23:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/16	23:12:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	23:12:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	23:12:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/16	23:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/16	23:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/16	23:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]				
2015/01/16	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/16	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/16	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	00:00:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2015/01/17	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01	00 00 00 00
2015/01/17	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/17	00:00:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/17	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/17	00:00:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/17	00:02:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/17	00:02:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02
2015/01/17	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/01/17	00:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/17			MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2015/01/17	00:44:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	00:44:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	00:44:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/17	00:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/17	00:56:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/17	00:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	02:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	02:11:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	02:11:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	02:11:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/17	02:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/17	02:32:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/17	02:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	03:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	03:39:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	03:39:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	03:39:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/17	03:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/17	04:09:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/17	04:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	05:19:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	05:19:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	05:19:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	05:19:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/17	05:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/17	05:46:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/17	05:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/01/17	06:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2015/01/17	06:00:18.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/01/17	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/01/17	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/17	06:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2015/01/17	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/17	06:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2015/01/17	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/17	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/17	06:10:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/17	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/17	06:10:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	06:12:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2015/01/17	06:12:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/17	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	07:00:00.5	XRT_CTRL_MANU_400_OG [0x190]							

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2015/01/17	07:00:02.5	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	07:00:04.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	07:00:06.5	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	07:03:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/17	07:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/17	07:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]							
2015/01/17	08:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/17	08:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	08:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	08:39:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	08:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	09:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/17	09:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/17	10:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]							
2015/01/17	10:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/17	10:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	10:21:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	10:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	10:25:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	10:25:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	10:25:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/17	10:26:00.0	AOCs_Or-e-point_Start_7_OG [0x09d]	AOCs_Or-e-point_Start_7_OG [0x09d]							
2015/01/17	10:26:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 0b 64				
2015/01/17	10:26:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FLD_ENA_411_OG [0x19b]							
2015/01/17	10:26:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/17	10:26:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/17	10:26:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/17	10:28:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/17	10:28:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	10:30:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2015/01/17	10:31:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/17	13:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/17	13:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	13:02:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/17	13:03:00.0	AOCs_Or-e-point_Start_8_OG [0x09e]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/17	13:03:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCs_Or-e-point_Start_8_OG [0x09e]							
2015/01/17	13:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	04 00 00 f4 9c				
2015/01/17	13:03:22.0	XRT_AEC_RESET_413_OG [0x19d]	XRT_FLD_ENA_411_OG [0x19b]							
2015/01/17	13:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/17	13:03:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/17	13:05:56.0	XRT_QT_PROG_SET_431_OG [0x1af]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/01/17	13:05:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/17	13:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/17	14:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2015/01/17	14:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/17	14:10:04.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_408_OG [0x198]							
2015/01/17	14:10:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/17	14:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				

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2015/01/17	14:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/17	14:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2015/01/17	15:40:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/17	15:40:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	15:40:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	15:41:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/01/17	15:41:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00	
2015/01/17	15:41:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/17	15:41:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/17	15:41:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/17	15:41:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/17	15:43:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/17	15:43:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2015/01/17	16:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/01/17	16:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2015/01/17	17:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/17	17:19:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	17:19:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	17:19:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/17	17:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/17	17:43:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/17	17:44:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
2015/01/17	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/17	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2015/01/17	18:00:18.0	XRT_FLD_DIS_422_OG [0x1a6]	AOCU_NM	5	02-76	00 00 00 00 00	
2015/01/17	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/01/17	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/01/17	18:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/17	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2015/01/17	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/17	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	18:10:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/01/17	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00	
2015/01/17	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/17	18:10:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/17	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/17	18:10:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/17	18:12:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/17	18:12:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2015/01/17	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/01/17	18:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/17	18:56:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	18:56:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/17	18:56:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/17	18:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	



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2015/01/17	19:19:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/17	19:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/17	20:33:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/17	20:33:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/17	20:33:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/17	20:33:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/17	20:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/17	20:57:00.0	XRT_Custom_430_OG [0x1ae]				
2015/01/17	20:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/17	22:11:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/17	22:11:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/17	22:11:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/17	22:11:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/17	22:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/17	22:32:30.0	XRT_Custom_430_OG [0x1ae]				
2015/01/17	22:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/17	23:48:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/17	23:48:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/17	23:48:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/17	23:48:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/17	23:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/17	23:57:30.0	XRT_Custom_430_OG [0x1ae]				
2015/01/17	23:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	01:13:30.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	01:13:32.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	01:13:34.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	01:13:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	01:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	01:31:00.0	XRT_Custom_430_OG [0x1ae]				
2015/01/18	01:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	02:47:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	02:47:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	02:47:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	02:47:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	02:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	03:07:30.5	XRT_Custom_430_OG [0x1ae]				
2015/01/18	03:08:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	04:16:00.0	XRT_CTRL_MANU_400_OG [0x190]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	04:16:02.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	04:16:04.0	XRT_FLD_RESET_415_OG [0x19f]				
			MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	04:16:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	04:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	04:45:00.0	XRT_Custom_430_OG [0x1ae]				
2015/01/18	04:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	05:28:54.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	05:28:56.0	XRT_CTRL_MANU_402_OG [0x192]				
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	05:28:58.0	XRT_FOCUS_POSITION_403_OG [0x193]				
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/01/18	05:29:00.0	AOCS_Ore-point_Start_3_OG [0x099]				
			AOCU_NM	5	02-76	00 00 00 00 00
2015/01/18	05:29:18.0	XRT_FLD_DIS_422_OG [0x1a6]				
			MDP_XRT_FLD_DIS	1	07-F0	d9
2015/01/18	05:31:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]				

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2015/01/18	05:31:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
			MDP_XRT_ARS_DIS	1	07-F0	d5
2015/01/18	05:31:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2015/01/18	05:32:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	05:38:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	05:38:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	05:38:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/01/18	05:39:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03 00 00 00 00
2015/01/18	05:39:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/01/18	05:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/01/18	05:39:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/01/18	05:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/01/18	05:39:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	05:41:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2015/01/18	05:41:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/01/18	05:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	05:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	05:56:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	05:56:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	05:56:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	05:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	06:22:30.0	XRT_Custom_430_OG [0x1ae]				
2015/01/18	06:23:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	07:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	07:37:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	07:37:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	07:37:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	07:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	07:59:30.0	XRT_Custom_430_OG [0x1ae]				
2015/01/18	08:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	09:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	09:16:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	09:16:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	09:16:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	09:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	09:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	09:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	09:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2015/01/18	09:30:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 b1 59 02 24
2015/01/18	09:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/01/18	09:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/01/18	09:30:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/01/18	09:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/01/18	09:30:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	09:32:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2015/01/18	09:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/01/18	09:34:30.5	XRT_Custom_430_OG [0x1ae]				
2015/01/18	09:35:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	14:43:00.0	XRT_CTRL_MANU_400_OG [0x190]				

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2015/01/18	14:43:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/18	14:43:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/18	14:43:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/18	14:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/18	14:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/18	14:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]							
2015/01/18	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/18	15:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/18	15:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/18	15:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/01/18	15:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION							
2015/01/18	15:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	03 00 00 00 00				
2015/01/18	15:30:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/01/18	15:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/01/18	15:30:26.0	XRT_FLD_RESET_407_OG [0x197]	XRT_AEC_RESET_413_OG [0x19d]							
2015/01/18	15:32:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/18	15:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/18	15:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	XRT_QT_PROG_SET_416_OG [0x1a0]							
2015/01/18	16:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c4 0f				
2015/01/18	16:18:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/01/18	16:18:04.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_408_OG [0x198]							
2015/01/18	16:18:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/18	16:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/18	16:41:30.0	XRT_Custom_430_OG [0x1ae]	XRT_CTRL_MANU_400_OG [0x190]							
2015/01/18	16:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_MANU_402_OG [0x192]							
2015/01/18	17:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/18	17:55:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_FLD_RESET_415_OG [0x19f]							
2015/01/18	17:55:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2015/01/18	17:55:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	XRT_PREFLR_STRT_439_OG [0x1b7]							
2015/01/18	17:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/01/18	18:18:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/01/18	18:18:26.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]							
2015/01/18	18:18:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_CTRL_AUTO_424_OG [0x1a8]							
2015/01/18	18:18:30.0	AOCS_Ore-point_Start_3_OG [0x099]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/01/18	18:18:48.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/18	18:21:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	XRT_CTRL_MANU_400_OG [0x190]							
2015/01/18	18:21:26.0	XRT_ARS_DIS_423_OG [0x1a7]	XRT_CTRL_MANU_402_OG [0x192]							
2015/01/18	18:21:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/01/18	18:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]	XRT_FOCUS_POSITION_410_OG [0x19a]							
2015/01/18	18:28:24.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/01/18	18:28:26.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 00 00				
2015/01/18	18:28:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FLD_DIS_422_OG [0x1a6]							
2015/01/18	18:28:30.0	AOCS_Ore-point_Start_2_OG [0x098]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/01/18	18:28:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/01/18	18:28:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_ARS_DIS_423_OG [0x1a7]							
2015/01/18	18:28:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/01/18	18:28:54.0	XRT_ARS_DIS_423_OG [0x1a7]	XRT_QT_PROG_SET_438_OG [0x1b6]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
			XRT_CTRL_AUTO_408_OG [0x198]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
			XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
			XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
			XRT_FOCUS_POSITION_410_OG [0x19a]							
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
			AOCS_Ore-point_Start_2_OG [0x098]							
			AOCU_NM	5	02-76	03 00 00 00 00				
			XRT_FLD_ENA_411_OG [0x19b]							
			MDP_XRT_FLD_ENA	1	07-F0	d8				
			XRT_FLRCTRL_ENA_412_OG [0x19c]							
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
			XRT_AEC_RESET_413_OG [0x19d]							
			MDP_XRT_AEC_RESET	1	07-F0	d0				
			XRT_ARS_DIS_423_OG [0x1a7]							
			MDP_XRT_ARS_DIS	1	07-F0	d5				

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2015/01/18	18:28:56.0	XRT_FLD_RESET_407_OG [0x197]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	18:31:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2015/01/18	18:31:28.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/01/18	18:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	19:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	19:32:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	19:32:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	19:32:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	19:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	19:55:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/18	19:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	21:09:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	21:09:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	21:09:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	21:09:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	21:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	21:32:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/18	21:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/18	22:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	22:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/18	22:46:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/18	22:46:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/18	22:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/18	23:07:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/18	23:08:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	00:23:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	00:23:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	00:23:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	00:23:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/19	00:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/19	00:31:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/19	00:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	01:46:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	01:46:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	01:46:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	01:46:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/19	01:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/19	02:06:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/19	02:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	03:21:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	03:21:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	03:21:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	03:21:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/19	03:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/19	03:43:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/19	03:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	04:53:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	04:53:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	04:53:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	04:53:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			

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2015/01/19	04:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/19	05:21:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/19	05:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/19	06:03:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	06:03:26.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	06:03:28.0	XRT_FOCUS_POSITION_403_OG [0x193]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2015/01/19	06:03:30.0	AOCS_Ore-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2015/01/19	06:03:48.0	XRT_FLD_DIS_422_OG [0x1a6]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/01/19	06:06:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/01/19	06:06:26.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/19	06:06:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2015/01/19	06:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/19	06:13:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	06:13:26.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	06:13:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/01/19	06:13:30.0	AOCS_Ore-point_Start_2_OG [0x098]					
			AOCU_NM	5	02-76	03 00 00 00 00	
2015/01/19	06:13:48.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/01/19	06:13:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/01/19	06:13:52.0	XRT_AEC_RESET_413_OG [0x19d]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/01/19	06:13:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/01/19	06:13:56.0	XRT_FLD_RESET_407_OG [0x197]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/19	06:16:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2015/01/19	06:16:28.0	XRT_FL_PROG_SET_401_OG [0x191]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/01/19	06:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/19	06:33:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	06:33:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	06:33:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/19	06:33:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/19	06:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/19	06:58:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/19	06:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/19	08:13:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	08:13:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	08:13:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/19	08:13:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/19	08:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/19	08:35:00.0	XRT_Custom_430_OG [0x1ae]					
2015/01/19	08:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/01/19	09:54:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	09:54:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	09:54:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2015/01/19	09:54:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/01/19	09:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/01/19	10:07:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	10:07:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/01/19	10:07:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2015/01/19	10:08:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]					
			AOCU_NM	5	02-76	00 53 1a 02 35	
2015/01/19	10:08:18.0	XRT_FLD_ENA_411_OG [0x19b]					

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2015/01/19	10:08:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8			
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2015/01/19	10:08:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2015/01/19	10:08:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/01/19	10:08:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/19	10:10:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		
2015/01/19	10:10:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13		
2015/01/19	10:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/19	15:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	15:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	15:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/19	15:17:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/01/19	15:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/01/19	15:40:30.0	XRT_Custom_430_OG [0x1ae]							
2015/01/19	15:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/19	16:07:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	16:07:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	16:07:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/01/19	16:08:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03	00	00	00
2015/01/19	16:08:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2015/01/19	16:08:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2015/01/19	16:08:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2015/01/19	16:08:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/01/19	16:08:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/19	16:10:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2015/01/19	16:10:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13		
2015/01/19	16:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/19	16:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	16:53:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	16:53:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/19	16:53:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/01/19	16:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/01/19	17:17:00.0	XRT_Custom_430_OG [0x1ae]							
2015/01/19	17:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/19	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2015/01/19	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00
2015/01/19	18:00:18.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2015/01/19	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2015/01/19	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/01/19	18:02:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2015/01/19	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/19	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/19	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/01/19	18:10:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	03	00	00	00
2015/01/19	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			

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2015/01/19	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/01/19	18:10:22.0	XRT_AEC_RESET_413_OG [0x19d]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2015/01/19	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2015/01/19	18:10:26.0	XRT_FLD_RESET_407_OG [0x197]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	18:12:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2015/01/19	18:12:58.0	XRT_FL_PROG_SET_401_OG [0x191]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/01/19	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	18:30:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	18:30:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	18:30:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	18:30:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/19	18:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/19	18:54:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/19	18:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	20:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	20:07:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	20:07:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	20:07:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/19	20:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/19	20:31:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/19	20:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	21:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	21:45:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	21:45:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	21:45:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/19	21:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/19	22:07:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/19	22:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/19	23:22:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	23:22:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/19	23:22:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/19	23:22:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/19	23:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/19	23:35:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/19	23:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/20	00:51:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/20	00:51:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/20	00:51:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/20	00:51:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/20	00:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/20	01:05:30.0	XRT_Custom_430_OG [0x1ae]			
2015/01/20	01:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/20	02:21:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/20	02:21:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/01/20	02:21:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/01/20	02:21:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/01/20	02:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/01/20	02:42:00.0	XRT_Custom_430_OG [0x1ae]			
2015/01/20	02:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/01/20	03:49:30.0	XRT_CTRL_MANU_400_OG [0x190]			

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2015/01/20	03:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	03:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	03:49:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/20	03:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/01/20	04:00:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/01/20	04:19:00.0	XRT_Custom_430_OG [0x1ae]	AOCU_NM	5	02-76	00 14 9b af 1b			
2015/01/20	04:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2015/01/20	05:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2015/01/20	05:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/20	05:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	05:30:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	05:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/20	05:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/01/20	05:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/01/20	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]						
2015/01/20	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2015/01/20	06:06:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/20	06:06:30.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	06:06:48.0	XRT_FLD_DIS_422_OG [0x1a6]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2015/01/20	06:09:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	AOCU_NM	5	02-76	00 00 00 00 00			
2015/01/20	06:09:26.0	XRT_ARS_DIS_423_OG [0x1a7]	XRT_FLD_DIS_422_OG [0x1a6]						
2015/01/20	06:09:28.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_FLRCTRL_DIS	1	07-F0	d9			
2015/01/20	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/01/20	06:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01			
2015/01/20	06:16:26.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_408_OG [0x198]						
2015/01/20	06:16:28.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/20	06:16:30.0	AOCS_ORe-point_Start_11_OG [0x0a1]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	06:20:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]						
2015/01/20	06:20:48.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2015/01/20	06:20:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FLD_ENA_411_OG [0x19b]						
2015/01/20	06:20:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	d8			
2015/01/20	06:20:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2015/01/20	06:20:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/01/20	06:23:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/20	06:23:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f			
2015/01/20	06:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13			
2015/01/20	07:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_408_OG [0x198]						
2015/01/20	07:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/20	07:10:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	07:10:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/20	07:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/01/20	07:34:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/01/20	07:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]						
2015/01/20	08:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]						
2015/01/20	08:49:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/01/20	08:49:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/01/20	08:49:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/01/20	08:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			



2015/01/20	11:03:00.0	AOCS_ORe-point_Start_3_OG [0x099]	MDP_XRT_PREFLR_STOP	1	07-F0 e9
			AOCU_NM	5	02-76 00 00 00 00 00