

# XRT Timeline to be uploaded on 2017/11/11

Period: 2017/11/11 09:45:00 - 2017/11/16 09:58:00

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Normal mode

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XOB #1BA8: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-A												
Term	Pointing (x, y)		Comment									
11/11 10:12:38 - 11/11 10:20:00	Track ( -0.8, -0.1) @ 11/11 09:55:00		# OP start + 10min Spectral synoptic obs. for QS									
<b>PROG= 05 1-time(s)</b>												
Subr= 1 1-time(s) 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= 1 1-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99 1-time(s) 2.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 67 1-time(s) 2.0sec												
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	177ms	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs 2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 4.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs 1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs 1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 46 2-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= 40 2-time(s) 2.0sec												
	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	5.66s	Obs 2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 65 2-time(s) 2.0sec												
	med-Al/Open	med-Al/Open	close	Safe	Norm	2.83s	Obs 2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	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	

XOB #1BCF: CME watch - 4x4 - AEC 1/2 - Al-poly - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 180s cad (G-band/Leak first)												
Term	Pointing (x, y)		Comment									
11/11 10:23:06 - 11/11 12:47:54	Track ( -0.8, -0.1) @ 11/11 09:55:00		# OP start + 10min Spectral synoptic obs. for QS									
11/11 18:13:00 - 11/12 06:05:24	Track ( -139.2, 429.6) @ 11/11 18:10:00		QS network & Bright point obs.									
11/12 15:03:00 - 11/12 17:52:54	Track ( 23.6, 430.6) @ 11/12 15:00:00		Quiet network & CH BP									
11/12 18:06:00 - 11/13 05:37:24	Track ( 47.5, 430.9) @ 11/12 18:03:00		Quiet network & CH BP									
11/14 03:57:00 - 11/14 05:56:54	Track ( 306.0, 436.3) @ 11/14 03:54:00		Quiet network & CH BP									
11/14 06:14:00 - 11/14 10:00:30	Track ( 322.2, 436.7) @ 11/14 06:07:00		Quiet network & CH BP									
<b>PROG= 14 Inf.-time(s)</b>												
Subr= 1 1-time(s) 2.0sec												
Seqn= 30 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs 1x1	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs 1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 7 20-time(s) 180.0sec												
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs 4x4	2048x2048 (1024, 1024)	Q=98	1	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs 4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BC4: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 90s cad												
Term	Pointing (x, y)		Comment									
11/11 12:51:00 - 11/11 17:59:54	Fixed ( -955.0, -176.0)		HOP 307 SE limb									
11/12 06:18:30 - 11/12 14:59:54	Fixed ( -955.0, -176.0)		HOP 307 SE limb									
<b>PROG= 16 Inf.-time(s)</b>												
Subr= 1 1-time(s) 2.0sec												
Seqn= 92 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs 1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs 1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs 1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
Seqn= 71 3-time(s) 2.0sec												
	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs 1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec
Subr= 2 30-time(s) 90.0sec												
Seqn= 89 1-time(s) 24.0sec												
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs 1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs 1x1	512x512 (1064, 1048)	Q=95	2	0	14.0sec

<b>Seqn= 58</b>		<b>1-time(s)</b>	<b>24.0sec</b>										
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	1	2.0sec	
<b>Seqn= 48</b>		<b>1-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	2	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	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 #1BB4: Synoptic Q95 2x2 - Al/mesh(24/256/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T**

Term	Pointing (x, y)	Comment
11/11 18:03:00 - 11/11 18:09:54	Fixed ( 0.0, 0.0)	synoptic
11/12 06:08:30 - 11/12 06:15:24	Fixed ( 0.0, 0.0)	synoptic, shifted 5.5 min
11/12 17:56:00 - 11/12 18:02:54	Fixed ( 0.0, 0.0)	synoptic, shifted -7.0 min
11/13 05:40:30 - 11/13 05:47:24	Fixed ( 0.0, 0.0)	synoptic, shifted -22.5 min
11/13 17:42:00 - 11/13 17:48:54	Fixed ( 0.0, 0.0)	synoptic, shifted -21.0 min
11/14 06:00:00 - 11/14 06:06:54	Fixed ( 0.0, 0.0)	synoptic, shifted -3.0 min

<b>PROG= 10</b>		<b>1-time(s)</b>											
<b>Subr= 1</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 5</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
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	
<b>Seqn= 1</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
<b>Seqn= 99</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
<b>Seqn= 33</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
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	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
<b>Seqn= 23</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe	Norm	1ms	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 #1B93: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 30s cadence, G-band - 384x384 1ms**

Term	Pointing (x, y)	Comment
11/13 05:50:30 - 11/13 17:38:54	Fixed ( 0.0, 930.0)	off-limb obs for North coronal hole
11/13 17:52:00 - 11/13 21:53:54	Fixed ( 0.0, 930.0)	off-limb obs for North coronal hole

<b>PROG= 12</b>		<b>Inf.-time(s)</b>											
<b>Subr= 1</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 16</b>		<b>2-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
<b>Subr= 2</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 90</b>		<b>1-time(s)</b>	<b>30.0sec</b>										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
<b>Subr= 3</b>		<b>60-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 57</b>		<b>1-time(s)</b>	<b>30.0sec</b>										
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 #1BCD: QS (Al/poly 4096ms/1024ms), 384FOV at 1064, 1048 with G-band (1ms/1ms leak) 30s cad - AEC0- HOP336**

Term	Pointing (x, y)	Comment
11/13 21:57:00 - 11/14 00:53:54	Track ( -130.0, 609.0) @ 11/13 21:54:00	HOP 336 (North pointing)
11/14 00:57:00 - 11/14 03:53:54	Track ( 70.0, 609.0) @ 11/14 00:54:00	HOP 336 (North pointing)

<b>PROG= 18</b>		<b>Inf.-time(s)</b>											
<b>Subr= 1</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 92</b>		<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec	
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec	
<b>Subr= 2</b>		<b>2-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 9</b>		<b>60-time(s)</b>	<b>30.0sec</b>										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	0	0	2.0sec	
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	0	0	2.0sec	
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

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Flare mode

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**XOB #1B8E: 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
11/11 10:23:06 - 11/11 12:47:54	Track ( -0.8, -0.1) @ 11/11 09:55:00	# OP start + 10min Spectral synoptic obs. for QS
11/11 12:51:00 - 11/11 17:59:54	Fixed ( -955.0, -176.0)	HOP 307 SE limb
11/11 18:13:00 - 11/12 06:05:24	Track ( -139.2, 429.6) @ 11/11 18:10:00	QS network & Bright point obs.
11/12 06:18:30 - 11/12 14:59:54	Fixed ( -955.0, -176.0)	HOP 307 SE limb
11/12 15:03:00 - 11/12 17:52:54	Track ( 23.6, 430.6) @ 11/12 15:00:00	Quiet network & CH BP
11/12 18:06:00 - 11/13 05:37:24	Track ( 47.5, 430.9) @ 11/12 18:03:00	Quiet network & CH BP
11/13 05:50:30 - 11/13 17:38:54	Fixed ( 0.0, 930.0)	off-limb obs for North coronal hole
11/13 17:52:00 - 11/13 21:53:54	Fixed ( 0.0, 930.0)	off-limb obs for North coronal hole
11/13 21:57:00 - 11/14 00:53:54	Track ( -130.0, 609.0) @ 11/13 21:54:00	HOP 336 (North pointing)
11/14 00:57:00 - 11/14 03:53:54	Track ( 70.0, 609.0) @ 11/14 00:54:00	HOP 336 (North pointing)
11/14 03:57:00 - 11/14 05:56:54	Track ( 306.0, 436.3) @ 11/14 03:54:00	Quiet network & CH BP
11/14 06:14:00 - 11/14 10:00:30	Track ( 322.2, 436.7) @ 11/14 06:07:00	Quiet network & CH BP

**PROG= 13 30-time(s)**

Subr= 1	20-time(s)	2.0sec										
Seqn= 11	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn=100	1-time(s)	10.0sec										
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
Subr= 2	1-time(s)	2.0sec										
Seqn= 10	1-time(s)	2.0sec										
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 11	1-time(s)	2.0sec										
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 87	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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**Active Region Search**

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NOT USED

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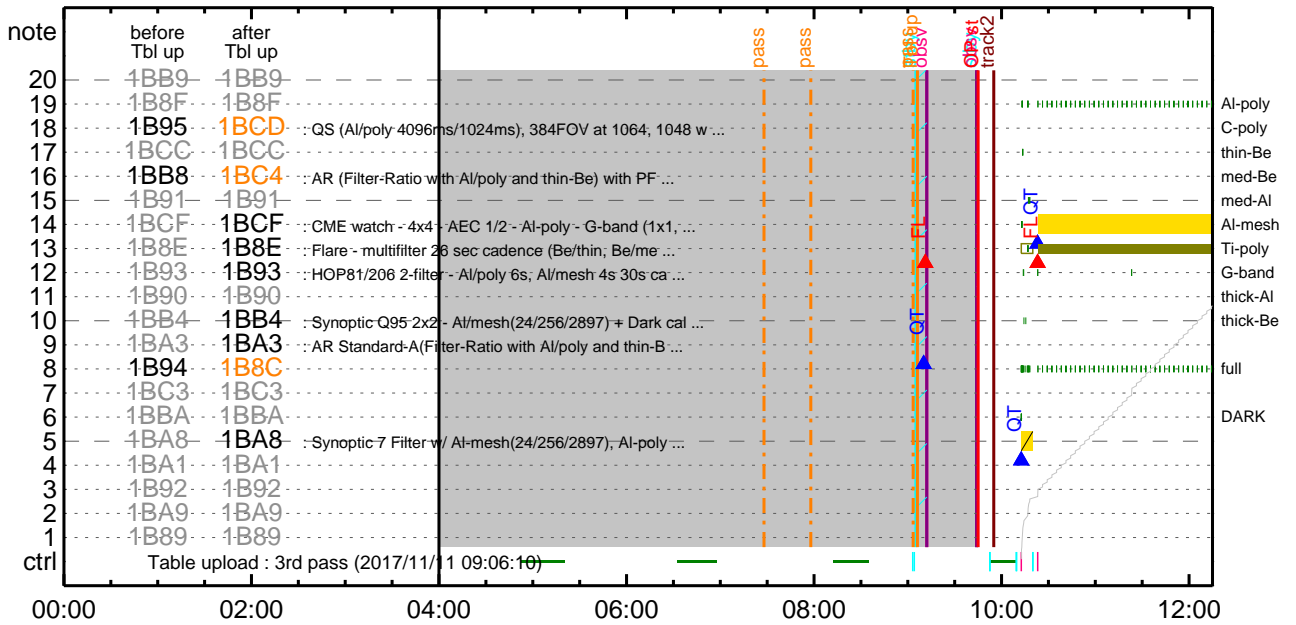
**Flare Detection**

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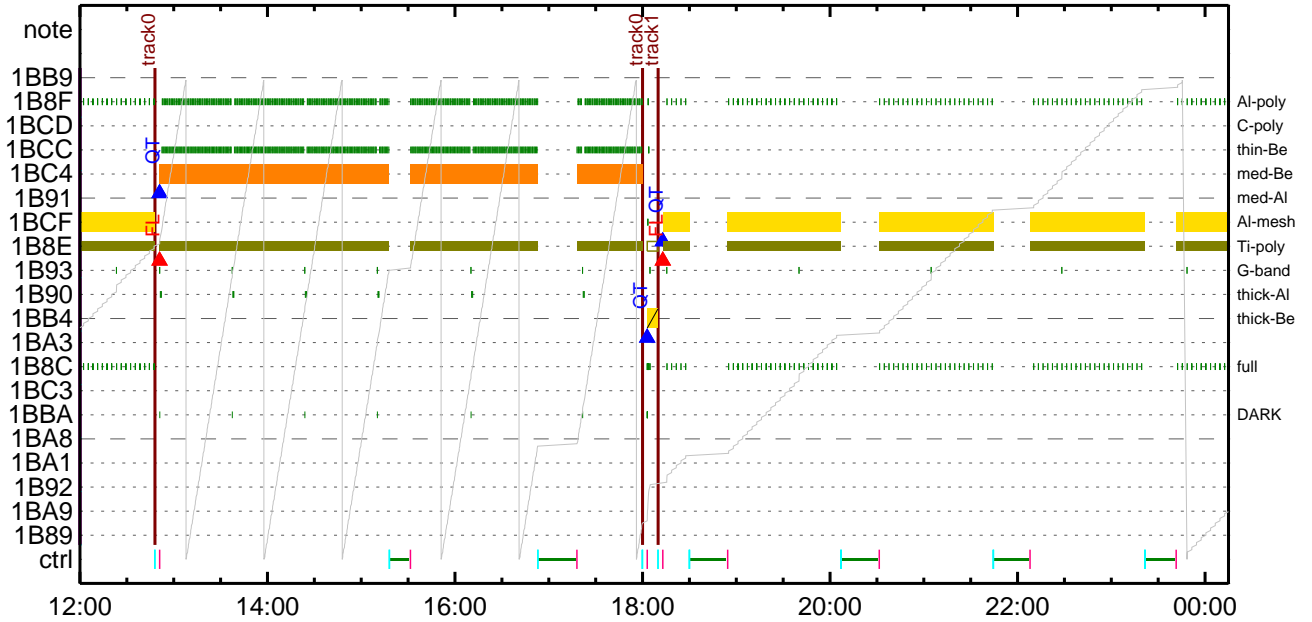
**FLD Patrol**

Term	Pointing (x, y)	Comment									
11/11 10:20:24 - 11/11 18:00:18	Track ( -0.8, -0.1) @ 11/11 09:55:00	# OP start + 10min Spectral synoptic obs. for QS									
11/11 18:10:18 - 11/12 06:05:48	Track ( -139.2, 429.6) @ 11/11 18:10:00	QS network & Bright point obs.									
11/12 06:15:48 - 11/12 17:53:18	Fixed ( -955.0, -176.0)	HOP 307 SE limb									
11/12 18:03:18 - 11/13 05:37:48	Track ( 47.5, 430.9) @ 11/12 18:03:00	Quiet network & CH BP									
11/13 05:47:48 - 11/13 17:39:18	Fixed ( 0.0, 930.0)	off-limb obs for North coronal hole									
11/13 17:49:18 - 11/14 05:57:18	Fixed ( 0.0, 930.0)	off-limb obs for North coronal hole									
11/14 06:11:18 - 11/16 09:58:00	Track ( 322.2, 436.7) @ 11/14 06:07:00	Quiet network & CH BP									
Al-poly/Open	Al-poly/Open	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

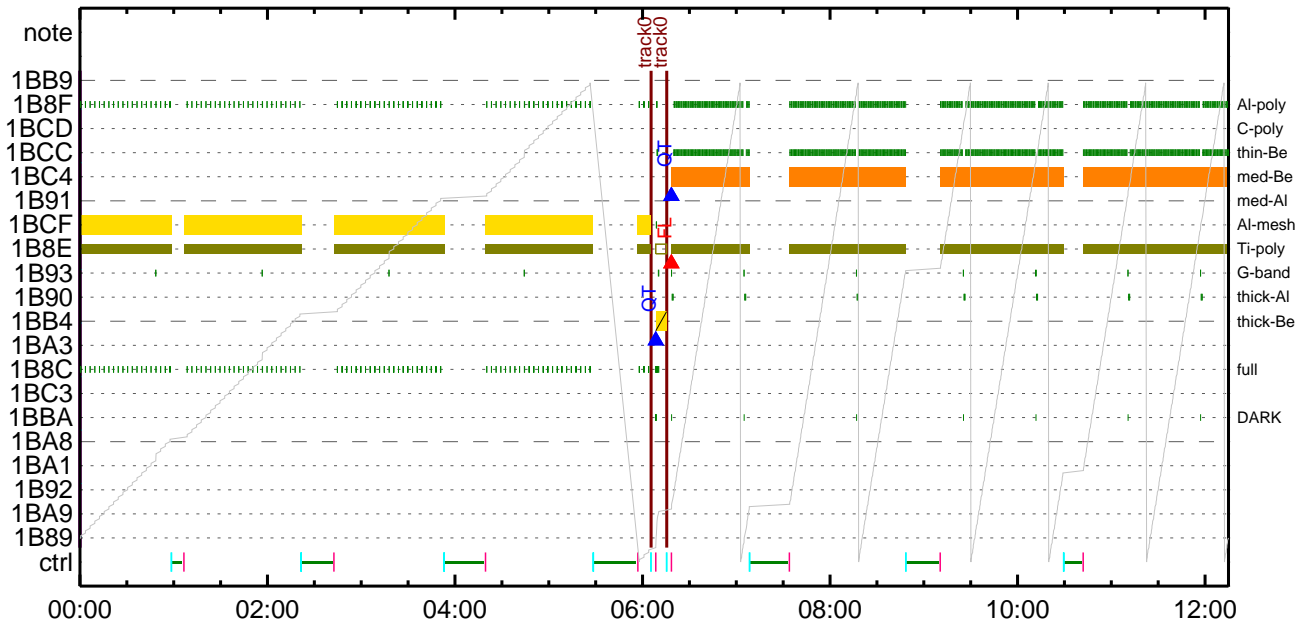
### CMDI #0126 2017/11/11



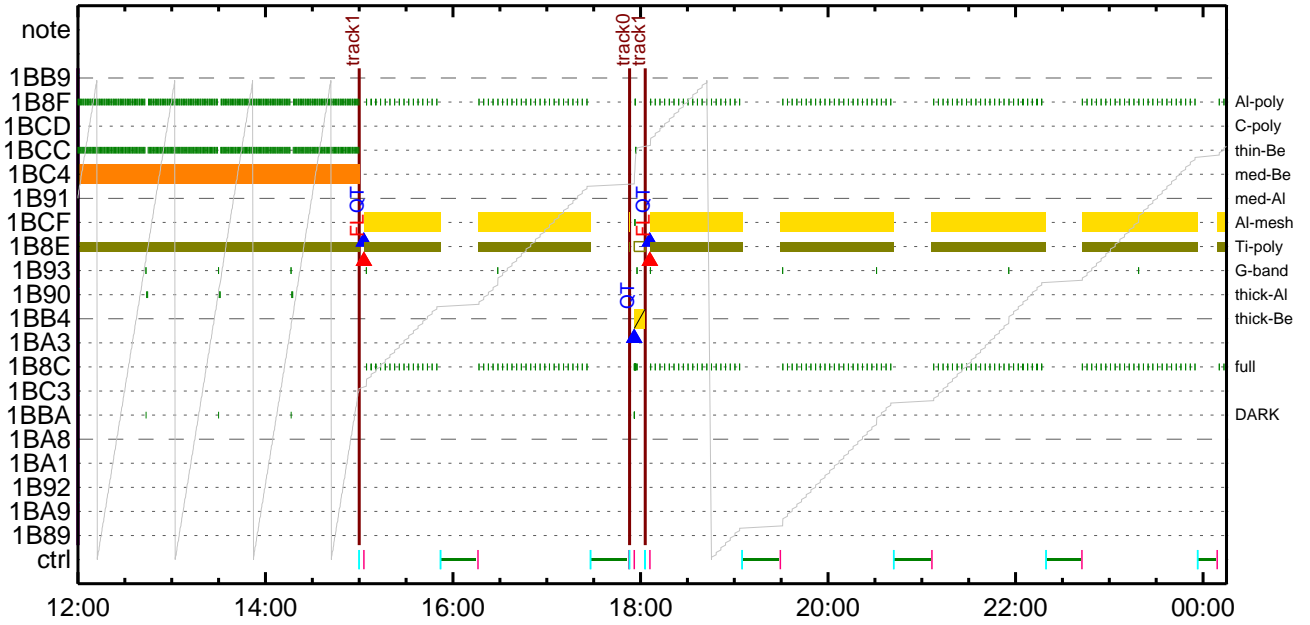
### CMDI #0126 2017/11/11



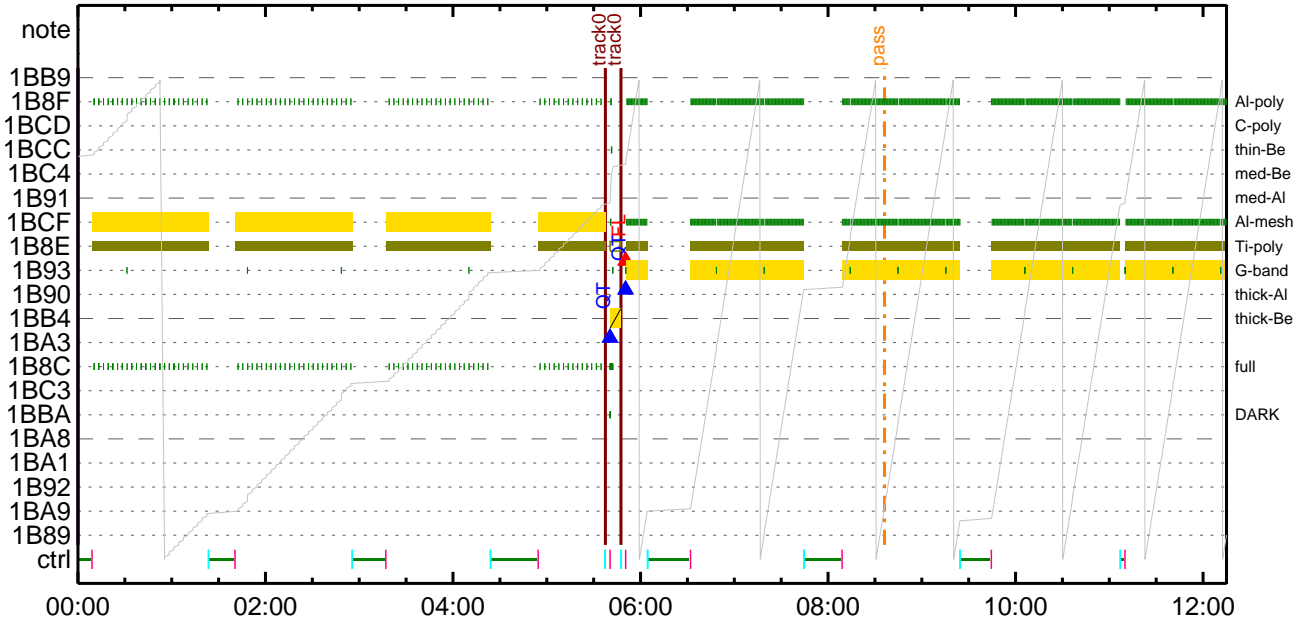
### CMDI #0126 2017/11/12



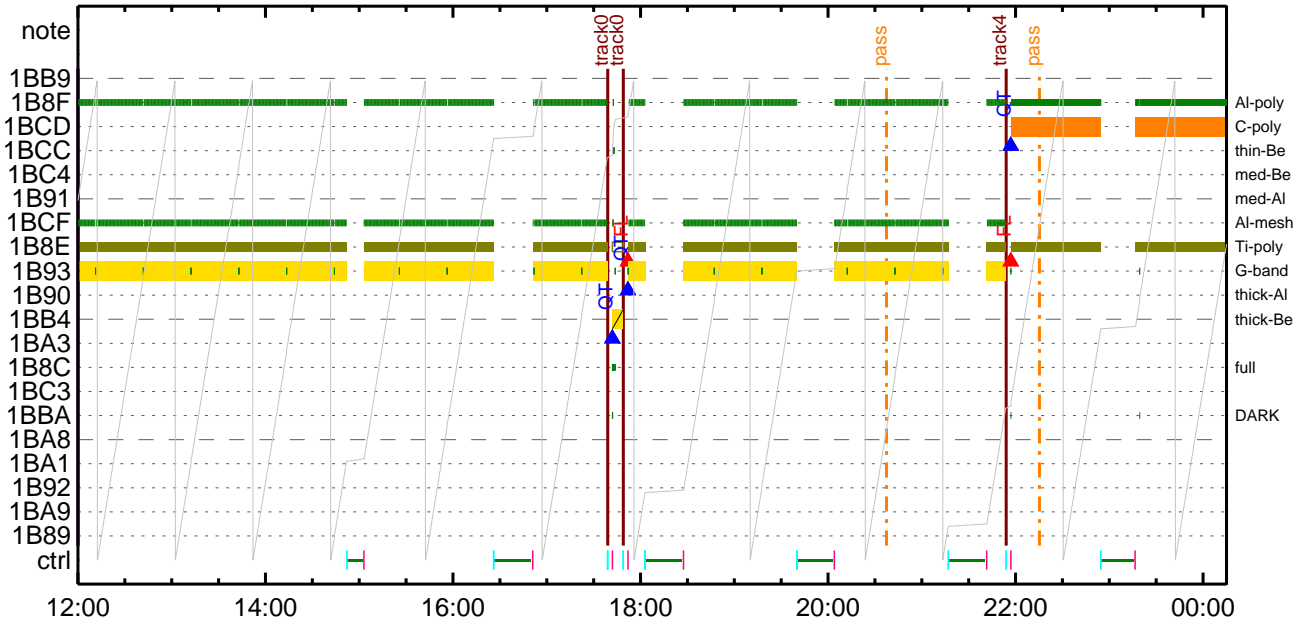
CMDI #0126 2017/11/12



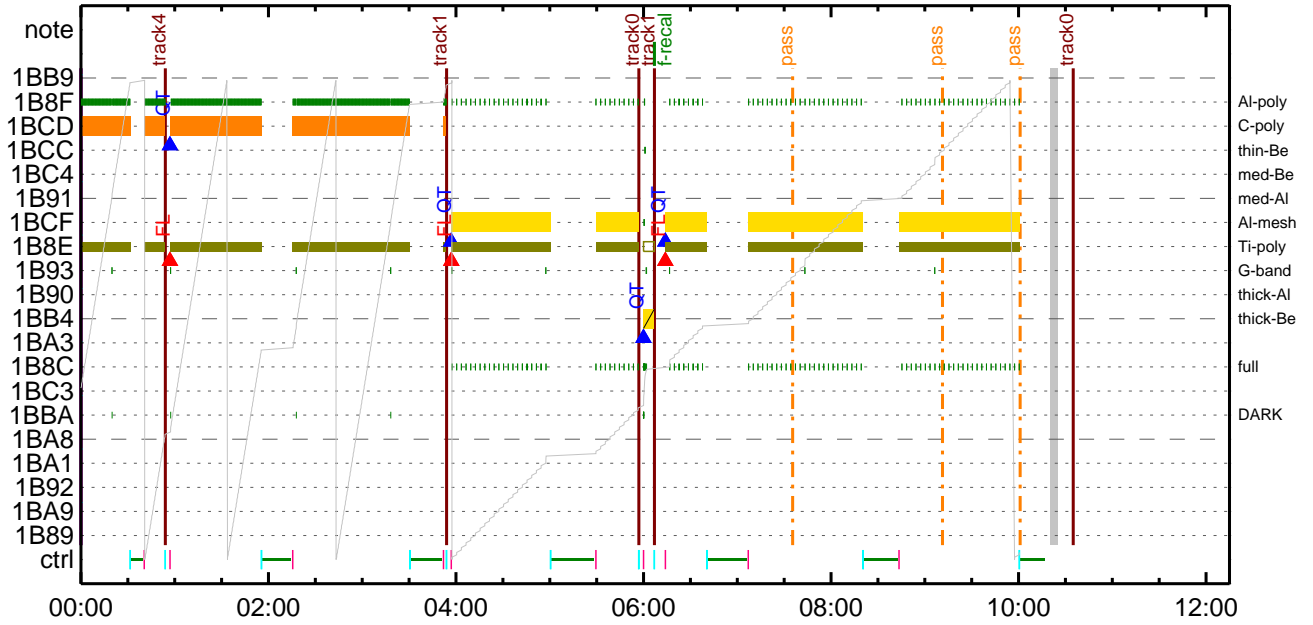
CMDI #0126 2017/11/13



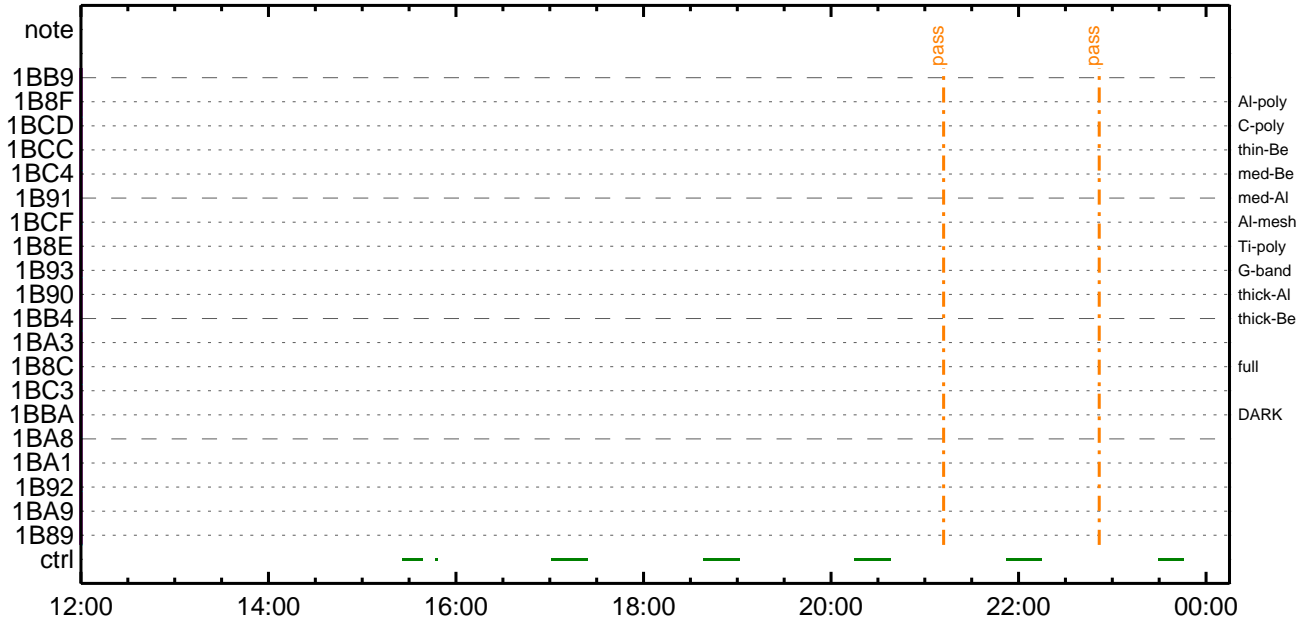
CMDI #0126 2017/11/13



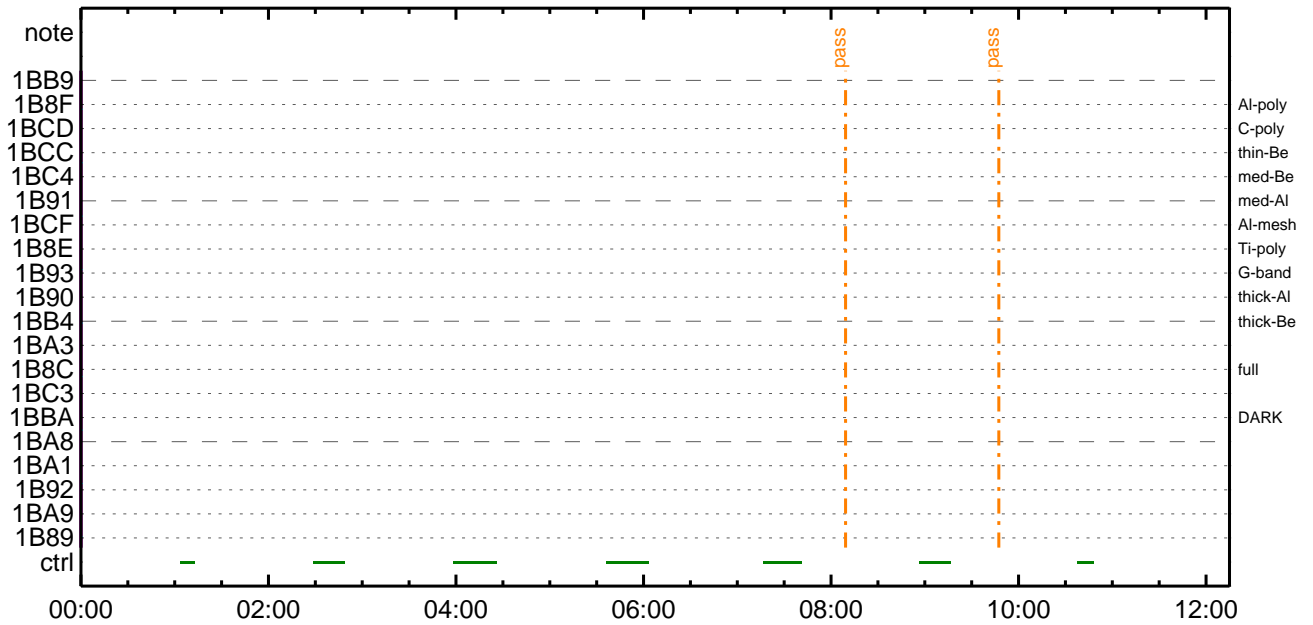
CMDI #0126 2017/11/14



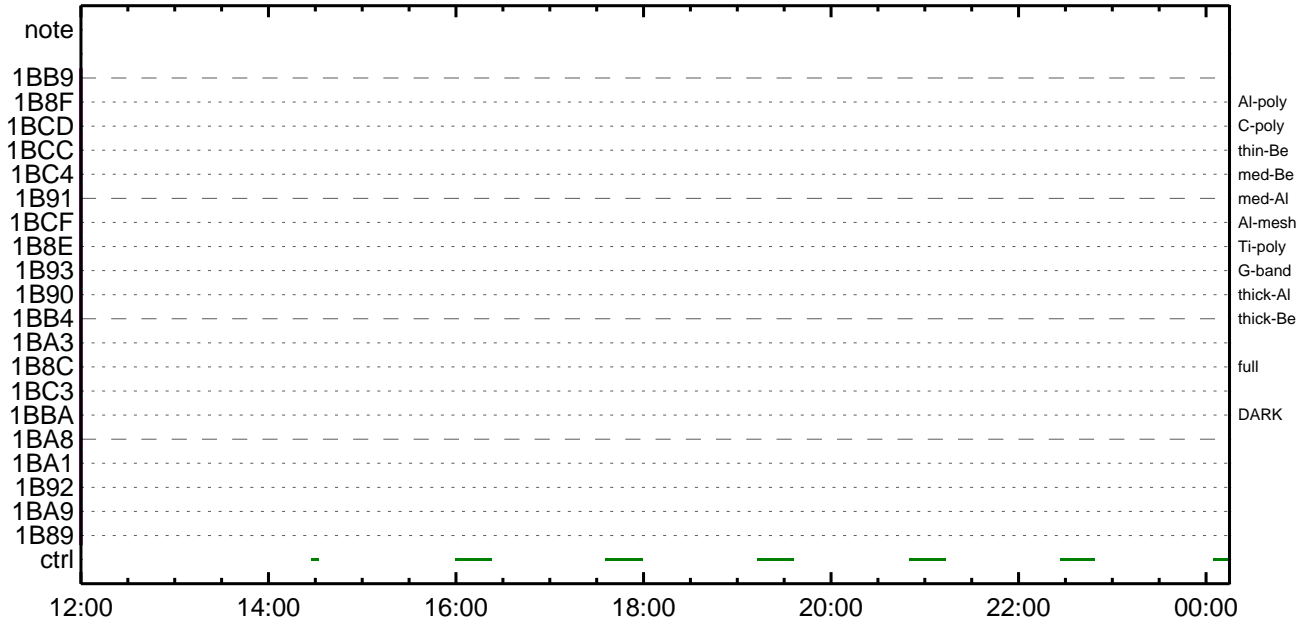
CMDI #0126 2017/11/14



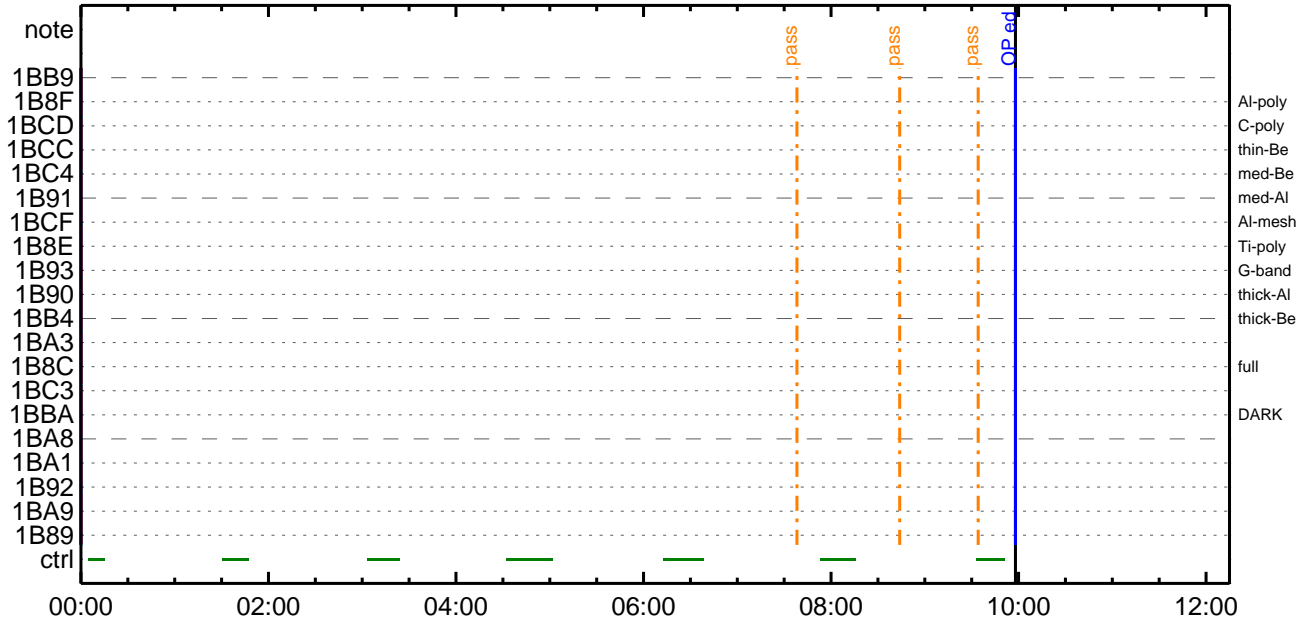
CMDI #0126 2017/11/15



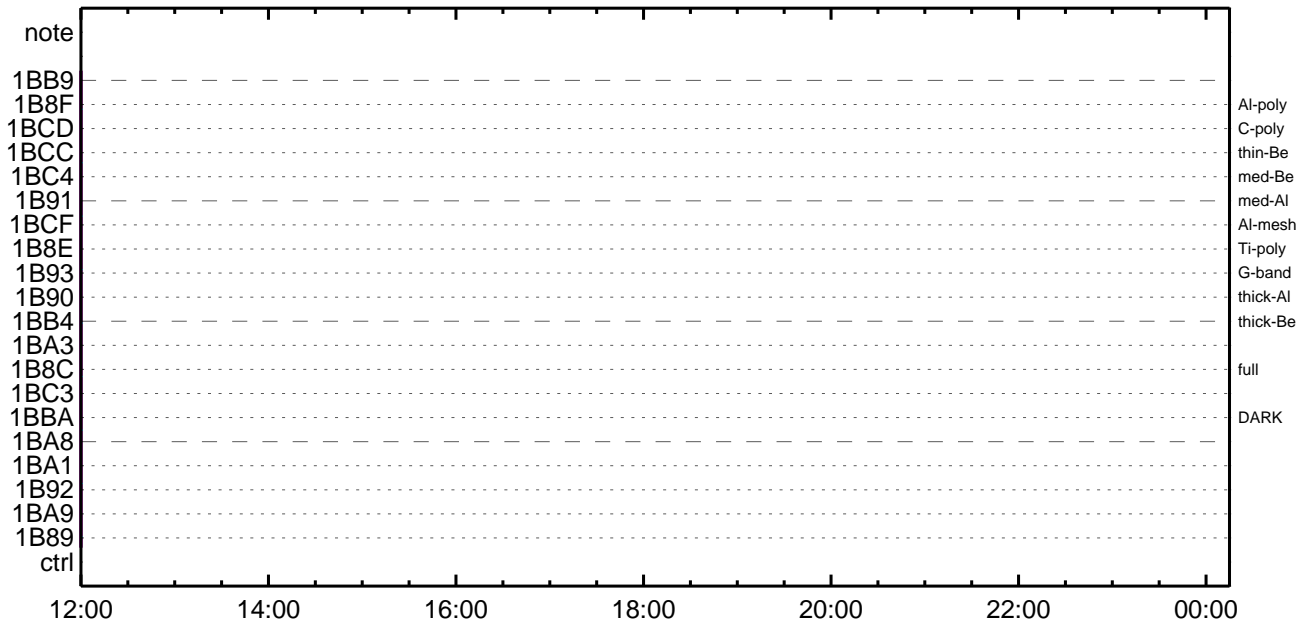
CMDI #0126 2017/11/15



CMDI #0126 2017/11/16



CMDI #0126 2017/11/16









0194 C.  
0195 +. TI 2017-11-11 09:44:59.5  
0196 DC 01-B2 DHU\_OP\_START  
0197 C.                   çç[HK1\_TI\_CMD\_NUM]                   EQ       1COUNTUP  
0198 C.  
0199 C. °Ê²¼αİÄë%İİñαİŷÄŷ§ŷÄŷ-¹àİŭ  
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. TIİİ°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»αò³İÇ§  
0226 C.                   çç[HK1\_DMP\_CHK\_FLG]                   EQ       NON  
0227 C.  
0228 . C. RAM ID=TI\_TBLαİŷÈ¹ç•è²İOKαò³İÇ§  
0229 C.  
0230 . C. DHUŷâ;¼ŷÈ;È¼ŷ¼. ŷİ;¼ŷÈ;Èαòİãα¹  
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 2017-11-11 09:44:16.0  
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 2017-11-11 09:44:30.0  
0256 DC 07-FC EIS\_MODE\_MANU  
0257 BC                   (21 02)  
0258 +. TI 2017-11-11 09:44:40.0  
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 2017-11-11 09:44:00.0  
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 ´ûÃİαİ»ö¼ŷαÈÄĐα¹αèDCBC•x²è \*\*\*\*\*  
0276 C. (¼ª°İŷÖŷÄŷÈŷŷÈŷÄŷçŷèè¼αα¼Ä»Ūα¹αè)  
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. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Ū;ã  
0287 C.  
0288 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0289 C.

(a) Spacecraft Operation Procedure (real-commands)

```
main-978 2017-11-11 14:52:01 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁY$;¼Y³YF¥ÖYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãã•µ°È»Í×ÁÇãÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÈ;ÈÈÈ¼°ÇÔã•ã¿¼í¹çãÍ;çÁ®, ùã¹ãèãããÇÁ+¿®ã•ãÈããã³ãÈ;f
0011 +. DC 02-8E AOCS_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 AOCS_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 AOCS_DUMP 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 AOCS_ORB_UPD
0044 . C.
0045 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0046 +. DC 07-FC EIS_MODE_CHG_ENA
0047 BC (20)
0048 . C. Verify EIS_MODE_CHG_FLG is ENA
0049 +. DC 07-FC EIS_MODE_MANU
0050 BC (21 02)
0051 . C. Verify EIS in MANUAL mode
0052 . C. Estimated OBSTBL upload time is 43s
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-820:EIS_OBSTBL
0057 ( )
0058 +. DC 07-FC EIS_DUMP_OBSTBL
0059 BC (07 07 07 00 00 70 00)
0060 C.
0061 C. Execute, after the success of OBSTBL upload.
0062 C. Set EIS TI-commands
0063 +. TI 2017-11-11 09:44:50.0
0064 DC 07-FC EIS_MODE_CHG_ENA
0065 BC (20)
0066 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0067 C. *****
0068 C. EIS END OBSTBL LOAD
0069 C. *****
0070 C.
0071 . C. ***** MDP `ûÁîôî»ô¼YôÈÁðã¹ãèDCBC•x²è *****
0072 C. (¼ã°íYÓYÁYÈYpYÈYáYçYèãÈ¼¼ã¼Á»Ûã¹ãè)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** YD¥¹.İ Daily±¿İÑãÈ`Øã¹ãèDCBC•x²è *****
0078 . S. DC-BC dcbc-153:DCBC
0079 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0080 C.
0081 C.
0082 . C. ;ãLOSÁY$YÁY~¼Á»Û;ã
0083 C.
0084 . C. ***** LOS *****
0085 C.
```



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-286:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2017-11-11 09:44:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 +. DC 07-F0 MDP_XRT_CTRL_MANU
0136 BC (c1)
0137 +. DC 07-F0 MDP_XRT_MODE_STBY
0138 BC (c3)
0139 . C. ----- Success Verify ? OK / NG____
0140 C.
0141 C. XRT Obs. Table Upload
0142 . S. RAM ram-291:MDP_OBS_X
0143 ( )
0144 C.
0145 +. DC 07-F0 MDP_DUMP_XRTTBL
0146 BC (84 07 00 00 00 3a d4)
0147 . C. ----- Comparison Check ? OK / ERR ____
0148 C.
0149 C.
0150 +. DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 01 b1 b1 04 04)
0152 +. DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 02 b1 b1 08 08)
0154 +. DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 03 b1 b1 08 08)
0156 +. DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 04 b1 b1 06 06)
0158 +. DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 05 85 83 06 06)
0160 +. DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 06 85 83 06 06)
0162 +. DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 07 85 83 08 08)
0164 +. DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 08 80 80 20 20)
0166 +. DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 09 80 80 20 08)
0168 +. DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0a 80 80 08 20)
0170 +. DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0b 80 80 08 08)
0172 +. DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0f 80 80 06 06)
0174 +. DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 10 80 80 08 08)
0176 +. DC 07-F0 MDP_XRT_FLD_ENA
0177 BC (d8)
0178 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0179 BC (c8)
0180 +. DC 07-F0 MDP_XRT_ARS_DIS
0181 BC (d5)
0182 +. DC 07-F0 MDP_XRT_AEC_RESET
0183 BC (d0)
0184 +. DC 07-F0 MDP_XRT_FLD_RESET
0185 BC (da)
0186 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0187 BC (c4 09)
0188 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0189 BC (c5 0d)
0190 . C. ----- Success Verify ? OK / NG ____
0191 C.
0192 C.
0193 . C. All OK? Yes--> Please Proceed. / No --> Stop here.

```

0194 C.  
0195 +. DC 07-F0 MDP\_XRT\_MODE\_OBSV  
0196 BC (c2)  
0197 +. TI 2017-11-11 09:44:02.0  
0198 DC 07-F0 MDP\_XRT\_MODE\_OBSV  
0199 BC (c2)  
0200 . C. ----- Success Verify ? OK / NG \_\_\_\_  
0201 C.  
0202 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0203 C.  
0204 . C. \*\*\*\*\* MDP 'ûÃîñî»ò¼ÿñÈÃðñ¹ñèDCBC•x²è \*\*\*\*\*  
0205 C. (¼ã°îÿÓÿÃÿÈÿÏÿÈÿâÿçÿèñÈ¼ññ¼Ã»Ûñ¹ñè)  
0206 . S. DC-BC dcbc-402:DCBC  
0207 (MDP\_known\_event)  
0208 C.  
0209 C.  
0210 . C. \*\*\*\*\* ÿDÿ¹•ï Daily±¿îññÈ'øñ¹ñèDCBC•x²è \*\*\*\*\*  
0211 . S. DC-BC dcbc-153:DCBC  
0212 (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0213 C.  
0214 C.  
0215 . C. ;ãLOSÿÃÿSÿÿÃÿ-¼Ã»Û¿;ã  
0216 C.  
0217 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0218 C.

Nov 11, 17 14:52

XRT\_OGLIST\_0126.chk

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

2017/11/11	09:52:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	09:52:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	09:52:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/11	09:52:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/11	09:55:00.0	AOCS_ORe-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2017/11/11	09:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/11	10:09:31.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	10:09:33.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	10:09:36.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/11/11	10:09:56.0	XRT_FLD_DIS_425_OG [0x1a9]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/11/11	10:12:32.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/11/11	10:12:34.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/11	10:12:36.0	XRT_QT_PROG_SET_426_OG [0x1aa]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2017/11/11	10:12:38.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/11	10:20:00.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	10:20:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	10:20:04.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/11/11	10:20:24.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/11/11	10:20:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/11/11	10:20:28.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/11/11	10:20:30.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/11	10:20:32.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/11	10:23:02.0	XRT_QT_PROG_SET_407_OG [0x197]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2017/11/11	10:23:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/11/11	10:23:06.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/11	12:47:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	12:47:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	12:47:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/11/11	12:48:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 0f a5 54 e5		
2017/11/11	12:48:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/11/11	12:48:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/11/11	12:48:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/11/11	12:48:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/11	12:48:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/11	12:50:56.0	XRT_QT_PROG_SET_446_OG [0x1be]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2017/11/11	12:50:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/11/11	12:51:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/11	15:18:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	15:18:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	15:18:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/11	15:18:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/11	15:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/11	15:30:30.0	XRT_Custom_430_OG [0x1ae]					
2017/11/11	15:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/11	16:53:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	16:53:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2017/11/11	16:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/11/11	16:53:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/11/11	16:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/11/11	17:17:00.0	XRT_Custom_430_OG [0x1ae]				
2017/11/11	17:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/11/11	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/11/11	18:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2017/11/11	18:00:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/11/11	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/11/11	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/11/11	18:02:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/11/11	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/11/11	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/11/11	18:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00
2017/11/11	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/11/11	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/11/11	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/11/11	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/11/11	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/11/11	18:12:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2017/11/11	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2017/11/11	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/11/11	18:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	18:30:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	18:30:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/11/11	18:30:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/11/11	18:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/11/11	18:53:31.0	XRT_Custom_430_OG [0x1ae]				
2017/11/11	18:54:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/11/11	20:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	20:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	20:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/11/11	20:07:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/11/11	20:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/11/11	20:30:30.0	XRT_Custom_430_OG [0x1ae]				
2017/11/11	20:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/11/11	21:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	21:44:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	21:44:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/11/11	21:44:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/11/11	21:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/11/11	22:07:00.0	XRT_Custom_430_OG [0x1ae]				
2017/11/11	22:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/11/11	23:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/11/11	23:21:32.0	XRT_CTRL_MANU_402_OG [0x192]				



2017/11/11	23:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/11	23:21:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/11	23:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/11	23:40:31.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/11	23:41:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2017/11/12	00:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/12	00:58:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	00:58:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	00:58:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/12	01:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/12	01:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/12	01:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2017/11/12	02:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/12	02:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	02:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	02:21:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/12	02:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/12	02:41:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/12	02:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2017/11/12	03:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/12	03:53:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	03:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	03:53:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/12	03:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/12	04:18:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/12	04:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2017/11/12	05:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/12	05:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	05:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	05:28:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/12	05:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/12	05:56:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/12	05:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2017/11/12	06:05:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/12	06:05:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	06:05:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	06:05:30.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/11/12	06:05:48.0	XRT_FLD_DIS_425_OG [0x1a9]	AOCU_NM	5	02-76	00 00 00 00 00		
2017/11/12	06:08:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/11/12	06:08:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/11/12	06:08:28.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/12	06:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2017/11/12	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/12	06:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	06:15:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/12	06:15:30.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/11/12	06:15:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 0f a5 54 e5		
2017/11/12	06:15:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/11/12	06:15:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		

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2017/11/12	06:15:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/11/12	06:15:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	06:18:26.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2017/11/12	06:18:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/11/12	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	07:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	07:08:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	07:08:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	07:08:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	07:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	07:33:00.0	XRT_Custom_430_OG [0x1ae]								
2017/11/12	07:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	08:48:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	08:48:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	08:48:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	08:48:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	08:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	09:09:30.0	XRT_Custom_430_OG [0x1ae]								
2017/11/12	09:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	10:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	10:29:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	10:29:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	10:29:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	10:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	10:41:00.5	XRT_Custom_430_OG [0x1ae]								
2017/11/12	10:42:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	14:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	14:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	14:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2017/11/12	15:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01	00 00 00 00			
2017/11/12	15:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/11/12	15:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/11/12	15:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/11/12	15:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/11/12	15:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	15:02:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2017/11/12	15:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2017/11/12	15:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	15:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	15:52:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	15:52:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	15:52:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	15:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	16:15:00.0	XRT_Custom_430_OG [0x1ae]								
2017/11/12	16:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	17:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	17:28:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	17:28:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				

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2017/11/12	17:28:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	17:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	17:51:30.0	XRT_Custom_430_OG [0x1ae]							
2017/11/12	17:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	17:52:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	17:52:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	17:52:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/11/12	17:53:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/11/12	17:53:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/11/12	17:55:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/11/12	17:55:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/11/12	17:55:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2017/11/12	17:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	18:02:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	18:02:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	18:02:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/11/12	18:03:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2017/11/12	18:03:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/11/12	18:03:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/11/12	18:03:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/11/12	18:03:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/11/12	18:03:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	18:05:56.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2017/11/12	18:05:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2017/11/12	18:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	19:05:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	19:05:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	19:05:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	19:05:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	19:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	19:28:30.0	XRT_Custom_430_OG [0x1ae]							
2017/11/12	19:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	20:42:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	20:42:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	20:42:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	20:42:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	20:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	21:05:30.0	XRT_Custom_430_OG [0x1ae]							
2017/11/12	21:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	22:19:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	22:19:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	22:19:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/12	22:19:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/12	22:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/12	22:41:30.0	XRT_Custom_430_OG [0x1ae]							
2017/11/12	22:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/12	23:56:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	23:56:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/12	23:56:34.0	XRT_FLD_RESET_415_OG [0x19f]							

2017/11/12	23:56:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/12	23:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/13	00:08:01.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/13	00:09:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/13	01:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	01:23:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	01:23:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/13	01:23:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/13	01:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/13	01:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/13	01:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	02:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	02:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	02:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/13	02:55:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/13	02:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/13	03:16:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/13	03:17:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	04:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	04:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	04:24:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/13	04:24:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/11/13	04:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/13	04:53:31.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/13	04:54:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	05:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	05:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	05:37:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2017/11/13	05:37:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2017/11/13	05:37:48.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/11/13	05:40:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/11/13	05:40:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/13	05:40:28.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2017/11/13	05:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/13	05:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	05:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	05:47:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/11/13	05:47:30.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 ad 59 00 00		
2017/11/13	05:47:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/11/13	05:47:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/11/13	05:47:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/11/13	05:47:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/13	05:47:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/13	05:50:26.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2017/11/13	05:50:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/11/13	05:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/13	06:04:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/13	06:04:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2017/11/13	06:04:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/13	06:04:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/13	06:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/13	06:31:00.0	XRT_Custom_430_OG [0x1ae]							
2017/11/13	06:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/13	07:44:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	07:44:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	07:44:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/13	07:44:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/13	07:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/13	08:08:00.0	XRT_Custom_430_OG [0x1ae]							
2017/11/13	08:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/13	09:24:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	09:24:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	09:24:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/13	09:24:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/13	09:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/13	09:43:30.0	XRT_Custom_430_OG [0x1ae]							
2017/11/13	09:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/13	11:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	11:07:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	11:07:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/13	11:07:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/13	11:09:00.0	XRT_Custom_430_OG [0x1ae]							
2017/11/13	11:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/13	11:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/13	14:52:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	14:52:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	14:52:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/13	14:52:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/13	14:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/13	15:02:00.0	XRT_Custom_430_OG [0x1ae]							
2017/11/13	15:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/13	16:26:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	16:26:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	16:26:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/11/13	16:26:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/11/13	16:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/11/13	16:50:00.0	XRT_Custom_430_OG [0x1ae]							
2017/11/13	16:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/13	17:38:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	17:38:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/11/13	17:38:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/11/13	17:39:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/11/13	17:39:18.0	XRT_FLD_DIS_425_OG [0x1a9]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/11/13	17:41:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/11/13	17:41:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/11/13	17:41:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a				
2017/11/13	17:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/11/13	17:48:54.0	XRT_CTRL_MANU_402_OG [0x192]							

2017/11/13	17:48:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	17:48:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	17:49:00.0	AOCs_OrE-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/11/13	17:49:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ad 59 00 00	
2017/11/13	17:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/11/13	17:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/11/13	17:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/11/13	17:49:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/11/13	17:51:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/13	17:51:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2017/11/13	17:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/11/13	18:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/13	18:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	18:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	18:03:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/13	18:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/11/13	18:26:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/11/13	18:27:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2017/11/13	19:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/13	19:40:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	19:40:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	19:40:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/13	19:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/11/13	20:03:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/11/13	20:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2017/11/13	21:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/13	21:17:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	21:17:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	21:17:06.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/13	21:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/11/13	21:40:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/11/13	21:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2017/11/13	21:53:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/13	21:53:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	21:53:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	21:54:00.0	AOCs_OrE-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/11/13	21:54:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00	
2017/11/13	21:54:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/11/13	21:54:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/11/13	21:54:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/11/13	21:54:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/11/13	21:56:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/13	21:56:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12	
2017/11/13	21:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/11/13	22:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/13	22:54:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	22:54:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/13	22:54:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da	

2017/11/13	22:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8		
2017/11/13	23:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/13	23:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/14	00:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	00:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	00:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/14	00:31:36.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8		
2017/11/14	00:34:44.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/14	00:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/14	00:40:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	00:53:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	00:53:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	00:53:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/11/14	00:54:00.0	AOCS_Or-e-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	04 00 00 ef e8		
2017/11/14	00:54:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/11/14	00:54:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/11/14	00:54:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/11/14	00:54:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/14	00:54:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/14	00:56:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12		
2017/11/14	00:56:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/11/14	00:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/14	01:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	01:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	01:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/14	01:55:36.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8		
2017/11/14	01:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/14	02:14:30.0	XRT_Custom_430_OG [0x1ae]						
2017/11/14	02:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/14	03:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	03:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	03:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/14	03:30:36.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8		
2017/11/14	03:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/11/14	03:51:00.0	XRT_Custom_430_OG [0x1ae]						
2017/11/14	03:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/11/14	03:53:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	03:53:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/11/14	03:53:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2017/11/14	03:54:00.0	AOCS_Or-e-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00		
2017/11/14	03:54:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/11/14	03:54:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/11/14	03:54:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/11/14	03:54:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/11/14	03:54:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2017/11/14	03:56:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2017/11/14	03:56:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2017/11/14	03:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		

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2017/11/14	05:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	05:00:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	05:00:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/14	05:00:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/11/14	05:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/11/14	05:28:31.5	XRT_Custom_430_OG [0x1ae]					
2017/11/14	05:29:31.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/14	05:56:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	05:56:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	05:56:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/11/14	05:57:00.0	AOCS_Or-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2017/11/14	05:57:18.0	XRT_FLD_DIS_425_OG [0x1a9]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/11/14	05:59:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/11/14	05:59:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/11/14	05:59:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a	
2017/11/14	06:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/14	06:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	06:06:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	06:06:58.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]	XRT_FOCUS_RECAL	2	07-F8	78 00	
2017/11/14	06:07:00.0	AOCS_Or-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	01 00 00 00 00	
2017/11/14	06:10:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/11/14	06:11:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/11/14	06:11:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/11/14	06:11:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/11/14	06:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/11/14	06:11:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/14	06:13:56.0	XRT_QT_PROG_SET_407_OG [0x197]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2017/11/14	06:13:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2017/11/14	06:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/14	06:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	06:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	06:40:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/14	06:40:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/11/14	06:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/11/14	07:06:01.0	XRT_Custom_430_OG [0x1ae]					
2017/11/14	07:07:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/14	08:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	08:20:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	08:20:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/14	08:20:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/11/14	08:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/11/14	08:42:30.0	XRT_Custom_430_OG [0x1ae]					
2017/11/14	08:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/11/14	10:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	10:00:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/11/14	10:00:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/11/14	10:00:36.0	XRT_PREFLR_STRT_449_OG [0x1c1]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/11/14	10:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	



2017/11/14 10:35:00.0 AACS\_ORe-point\_Start\_3\_OG [0x099]  
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