

XRT Timeline to be uploaded on 2019/05/11

Period: 2019/05/11 10:07:00 - 2019/05/16 09:47:00

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Normal mode

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XOB #1BB8: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
05/11 10:54:30 - 05/11 18:24:54	Track (253.4, 109.1) @ 05/11 10:17:00	# OP start + 10min, AR12740
05/11 19:17:30 - 05/12 01:59:54	Track (327.7, 107.1) @ 05/11 18:51:00	Cont,
05/12 05:38:00 - 05/12 17:19:54	Track (417.4, 104.1) @ 05/12 05:35:00	AR12740
05/13 16:03:00 - 05/13 17:49:54	Track (667.9, 92.1) @ 05/13 16:00:00	AR12740
05/13 18:50:00 - 05/13 23:03:30	Track (682.6, 91.2) @ 05/13 18:22:00	AR12740
05/13 23:40:00 - 05/14 01:59:54	Track (682.6, 91.2) @ 05/13 18:22:00	AR12740
05/14 06:22:30 - 05/14 10:06:00	Track (750.9, 86.3) @ 05/14 06:19:30	Cont,

PROG= 11 Inf.-time(s)

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= 42 3-time(s) 2.0sec			Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
			thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
			Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 32 30-time(s) 120.0sec			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	34.0sec
			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	34.0sec
			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 #1BA7: Synoptic Q95 2x2 - Al/mesh(8/181/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(16/181/4096) + Th

Term	Pointing (x, y)	Comment
05/11 18:28:00 - 05/11 18:36:30	Fixed (0.0, 0.0)	synoptic, shifted manually and stray light measurement
05/12 05:30:06 - 05/12 05:34:54	Fixed (0.0, 0.0)	HOP349 and synoptic
05/12 17:23:00 - 05/12 17:33:30	Fixed (0.0, 0.0)	synoptic, shifted manually and stray light measurement
05/13 06:05:06 - 05/13 06:09:54	Fixed (0.0, 0.0)	HOP349 and synoptic
05/13 17:53:00 - 05/13 18:08:30	Fixed (0.0, 0.0)	synoptic shifted manually
05/14 06:14:06 - 05/14 06:19:24	Fixed (0.0, 0.0)	HOP349 and synoptic

PROG= 05 1-time(s)

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= 80 1-time(s) 2.0sec			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	177ms	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= 66 1-time(s) 2.0sec			Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
			Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	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= 69 1-time(s) 2.0sec			thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	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	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23 1-time(s) 2.0sec			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
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval		

XOB #1C4B: Stray light study 2019-5 ; med-Al, 2x2 full FOV(1min-cad) and 1x1 384x384 (18sec-cad) at Center

Term	Pointing (x, y)	Comment
05/11 18:39:00 - 05/11 18:50:54	Fixed (0.0, 0.0)	synoptic, shifted manually and stray light measurement

PROG= 19 1-time(s)

Subr= 2	20-time(s)	2.0sec													
Seqn= 13 1-time(s) 10.0sec			Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
			Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 3 6-time(s) 2.0sec															
Seqn= 4 1-time(s) 2.0sec			med-Al/Open	med-Al/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec

L Seqn= 13 3-time(s) 10.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (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 #1C44: HOP349 - 3-filter Synoptics (Al-mesh[128/1024/5795], Al-poly[256/4096/8192], thin-Be[2048/16384/32768] with 512x512 G-band+Leak(1064,1048)

Term	Pointing (x, y)	Comment
05/12 02:03:00 - 05/12 05:27:00	Fixed (0.0, 0.0)	HOP349 and synoptic
05/13 02:15:00 - 05/13 06:02:00	Fixed (0.0, 0.0)	HOP349 and synoptic
05/14 02:03:00 - 05/14 06:11:00	Fixed (0.0, 0.0)	HOP349 and synoptic

PROG= 04 Inf.-time(s)

Subr= 1 1-time(s) 300.0sec												
Seqn= 88 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	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
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 50 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 56 1-time(s) 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	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 81 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
Subr= 2 15-time(s) 180.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 29 1-time(s) 2.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	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 #1C4A: Stray light study 2019-4 ; thick-Al, 2x2 full FOV(1min-cad) and 1x1 384x384 (18sec-cad) at Center

Term	Pointing (x, y)	Comment
05/12 17:36:00 - 05/12 17:46:54	Fixed (0.0, 0.0)	synoptic, shifted manually and stray light measurement

PROG= 03 1-time(s)

Subr= 2 20-time(s) 2.0sec												
Seqn= 13 1-time(s) 10.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 3 6-time(s) 2.0sec												
Seqn= 26 1-time(s) 2.0sec												
Open/thick-Al	Open/thick-Al	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 13 3-time(s) 10.0sec												
Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (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 #1BD6: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 900s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
05/12 18:15:30 - 05/13 01:45:30	Track (-53.8, -358.0) ^{05/12 17:47:00}	QS network and coronal BP obs
05/13 06:13:00 - 05/13 07:59:54	Track (324.4, -757.8) ^{05/13 06:10:00}	EIS test run for MOSES rocket flight

PROG= 06 Inf.-time(s)

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 8-time(s) 900.0sec												
Seqn= 8 1-time(s) 2.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1BA1: HOP336 1-filter - Al/poly -384x384, 512ms and 4s, 60s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
05/13 08:03:00 - 05/13 11:38:00	Fixed (-20.0, 619.0)	HOP336 north hemisphere

PROG= 01 Inf.-time(s)													
Subr= 1		1-time(s)		2.0sec									
Seqn= 16		2-time(s)		2.0sec									
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Subr= 2		1-time(s)		2.0sec									
Seqn= 90		1-time(s)		30.0sec									
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 3		15-time(s)		2.0sec									
Seqn= 68		1-time(s)		60.0sec									
	Al-poly/Open	Al-poly/Open	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	500ms	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 #1C4C: Stray light study 2019-6 ;Al-mesh and Al-poly, 2x2 full FOV(1min-cad) and 1x1 384 on AR(10sec-cad)

Term	Pointing (x, y)	Comment
05/13 18:11:00 - 05/13 18:21:54	Fixed (920.0, 0.0)	Stray light measurement at W-limb
05/13 23:06:00 - 05/13 23:36:54	Track (682.6, 91.2) @ 05/13 18:22:00	AR12740

PROG= 20 1-time(s)													
Subr= 2		18-time(s)		2.0sec									
Seqn= 13		1-time(s)		10.0sec									
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 3		8-time(s)		2.0sec									
Seqn= 37		1-time(s)		2.0sec									
	Open/Al-mesh	Open/Ti-poly	close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 13		3-time(s)		10.0sec									
	Open/Al-mesh	Open/thick-Al	close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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XOB #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
05/11 10:54:30 - 05/11 18:24:54	Track (253.4, 109.1) @ 05/11 10:17:00	# OP start + 10min, AR12740
05/11 19:17:30 - 05/12 01:59:54	Track (327.7, 107.1) @ 05/11 18:51:00	Cont,
05/12 02:03:00 - 05/12 05:27:00	Fixed (0.0, 0.0)	HOP349 and synoptic
05/12 05:38:00 - 05/12 17:19:54	Track (417.4, 104.1) @ 05/12 05:35:00	AR12740
05/12 18:15:30 - 05/13 01:45:30	Track (-53.8, -358.0) @ 05/12 17:47:00	QS network and coronal BP obs
05/13 02:15:00 - 05/13 06:02:00	Fixed (0.0, 0.0)	HOP349 and synoptic
05/13 06:13:00 - 05/13 07:59:54	Track (324.4, -757.8) @ 05/13 06:10:00	EIS test run for MOSES rocket flight
05/13 08:03:00 - 05/13 11:38:00	Fixed (-20.0, 619.0)	HOP336 north hemisphere
05/13 12:05:30 - 05/13 15:59:54	Fixed (-20.0, -668.0)	HOP336 south hemisphere
05/13 16:03:00 - 05/13 17:49:54	Track (667.9, 92.1) @ 05/13 16:00:00	AR12740
05/13 18:50:00 - 05/13 23:03:30	Track (682.6, 91.2) @ 05/13 18:22:00	AR12740
05/13 23:40:00 - 05/14 01:59:54	Track (682.6, 91.2) @ 05/13 18:22:00	AR12740
05/14 02:03:00 - 05/14 06:11:00	Fixed (0.0, 0.0)	HOP349 and synoptic
05/14 06:22:30 - 05/14 10:06:00	Track (750.9, 86.3) @ 05/14 06:19:30	Cont,

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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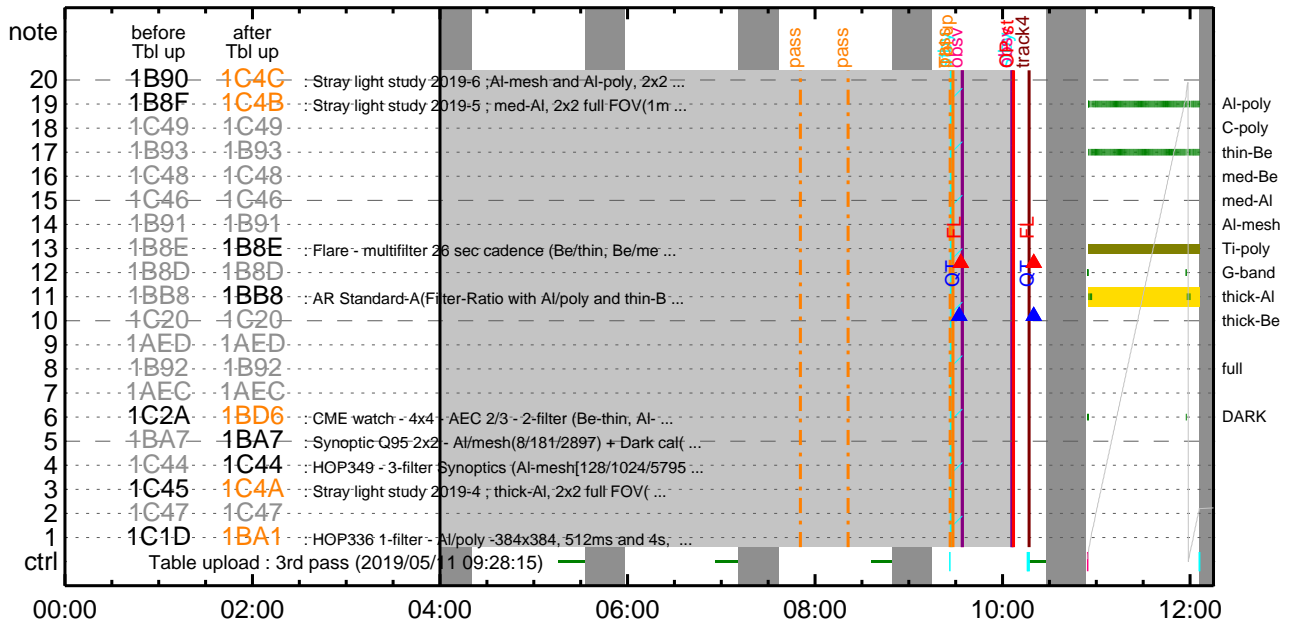
Flare Detection

* * * * *

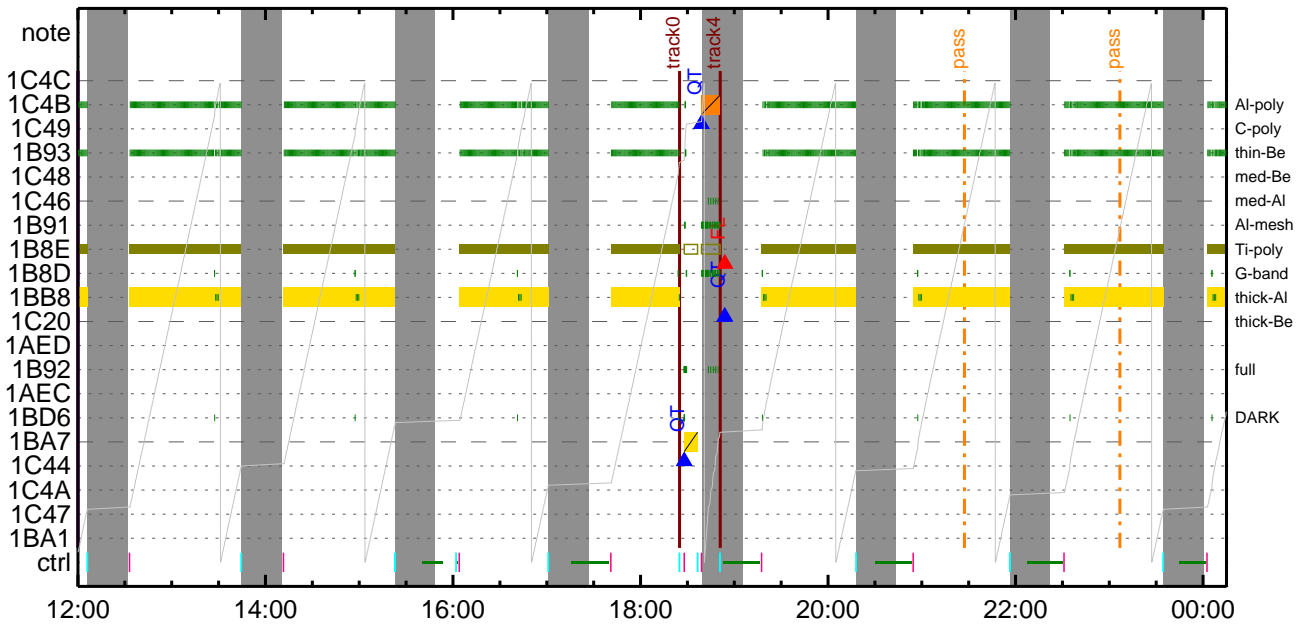
FLD Patrol

Term	Pointing (x, y)	Comment
05/11 18:51:18 - 05/12 05:27:24	Track (327.7, 107.1) @ 05/11 18:51:00	Cont,
05/12 05:35:18 - 05/12 17:20:18	Track (417.4, 104.1) @ 05/12 05:35:00	AR12740
05/12 17:47:18 - 05/13 06:02:24	Track (-53.8, -358.0) @ 05/12 17:47:00	QS network and coronal BP obs
05/13 06:10:18 - 05/13 17:50:18	Track (324.4, -757.8) @ 05/13 06:10:00	EIS test run for MOSES rocket flight
05/13 18:22:18 - 05/13 23:03:54	Track (682.6, 91.2) @ 05/13 18:22:00	AR12740
05/13 23:37:18 - 05/14 06:11:24	Track (682.6, 91.2) @ 05/13 18:22:00	AR12740
05/14 06:19:48 - 05/16 09:47:00	Track (750.9, 86.3) @ 05/14 06:19:30	Cont,
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

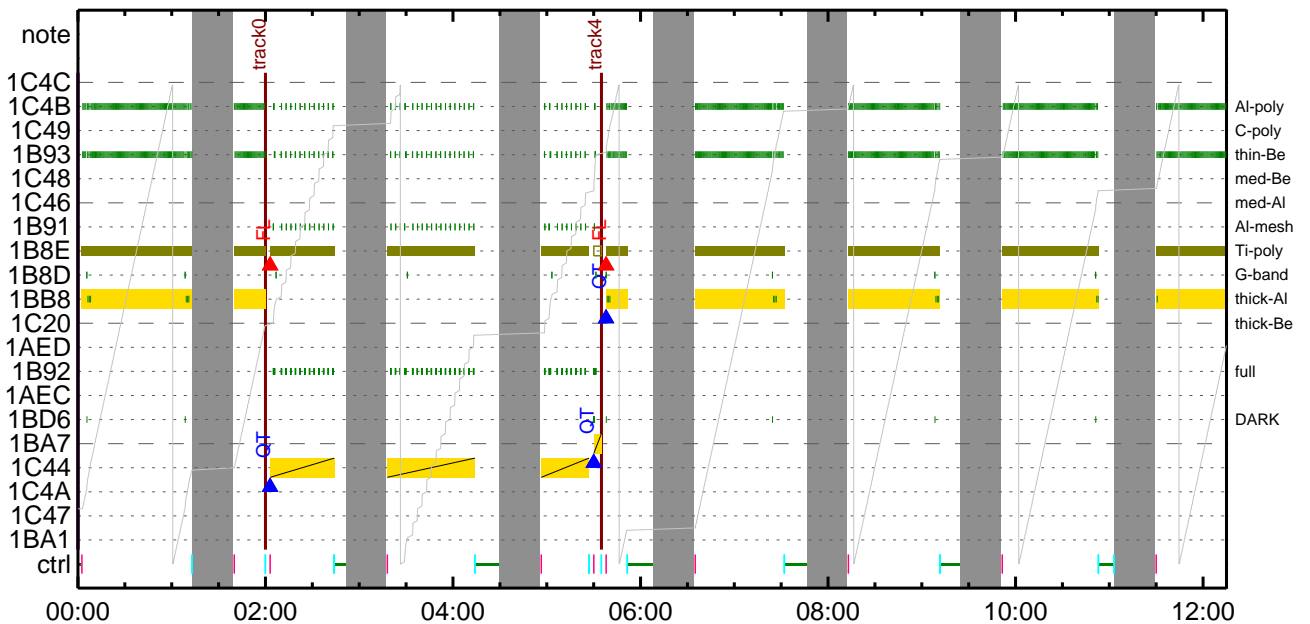
CMDI #0228 2019/05/11



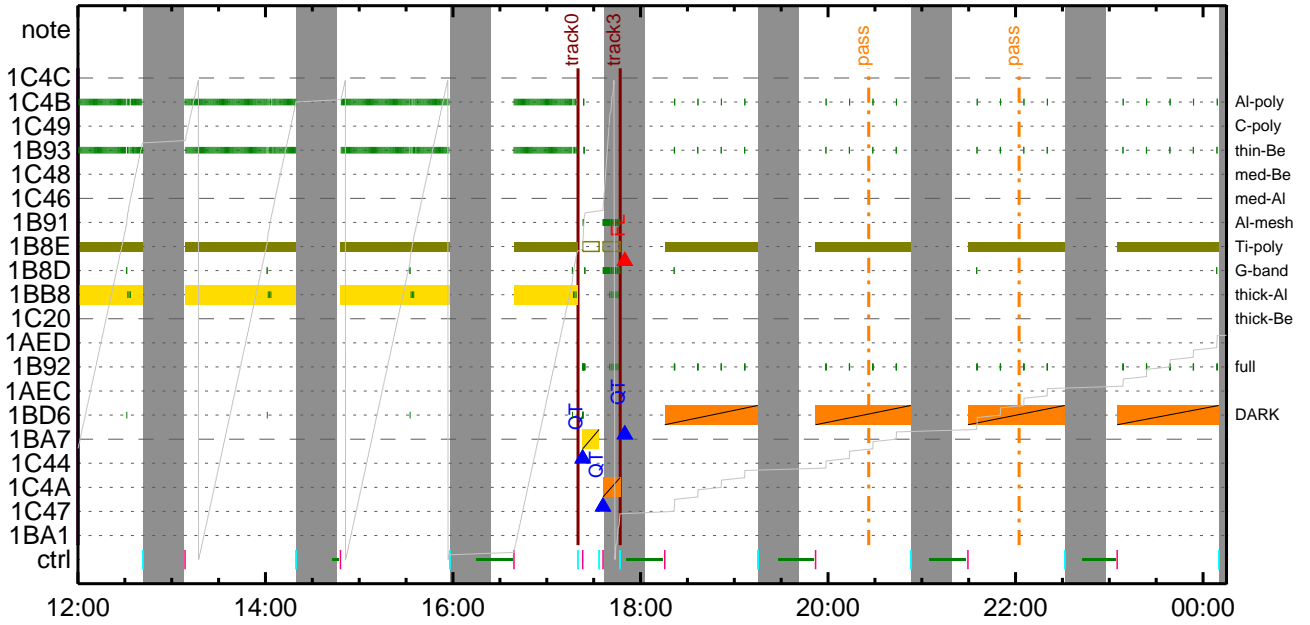
CMDI #0228 2019/05/11



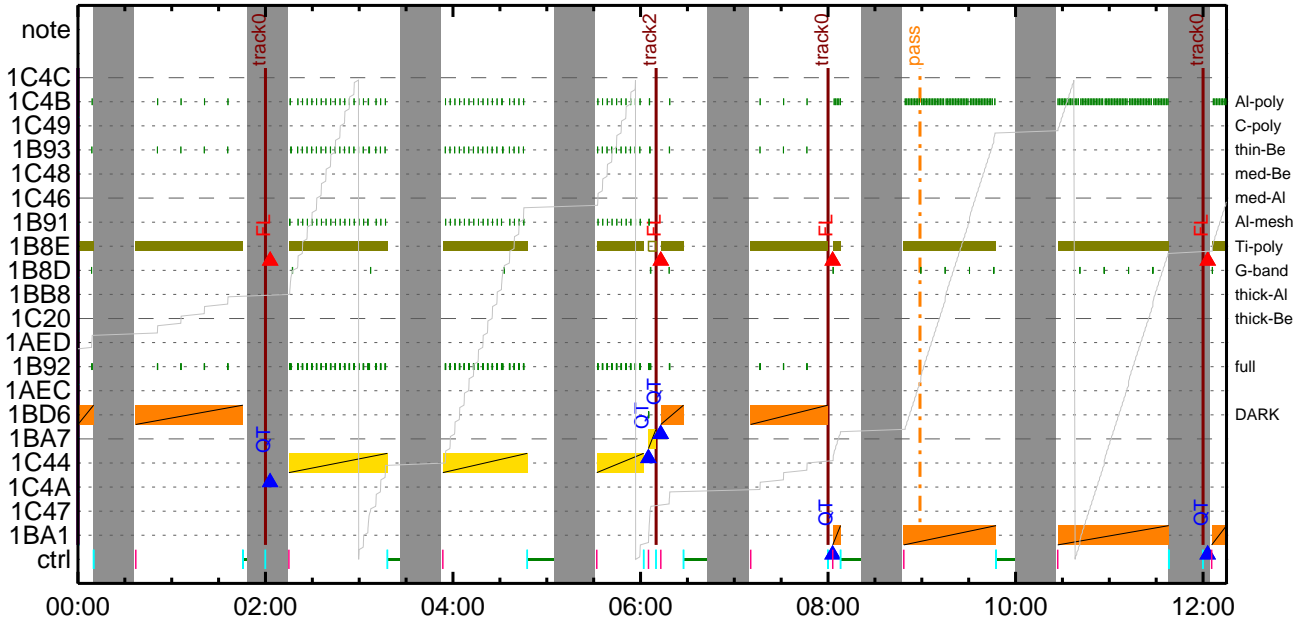
CMDI #0228 2019/05/12



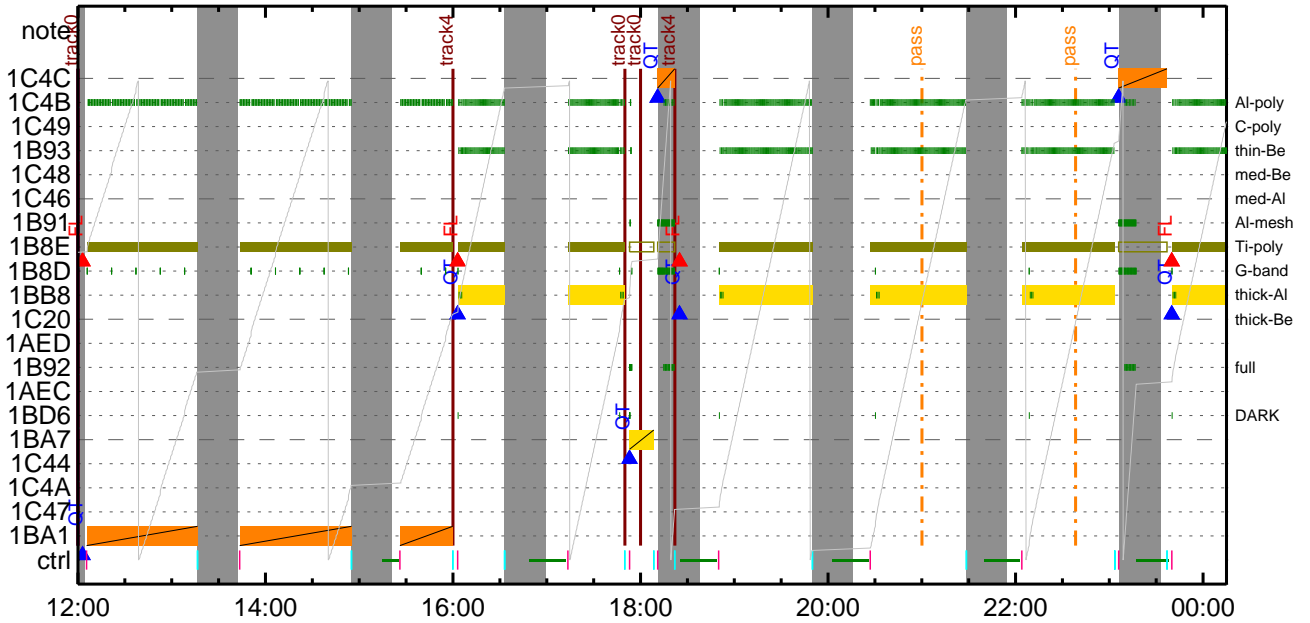
CMDI #0228 2019/05/12



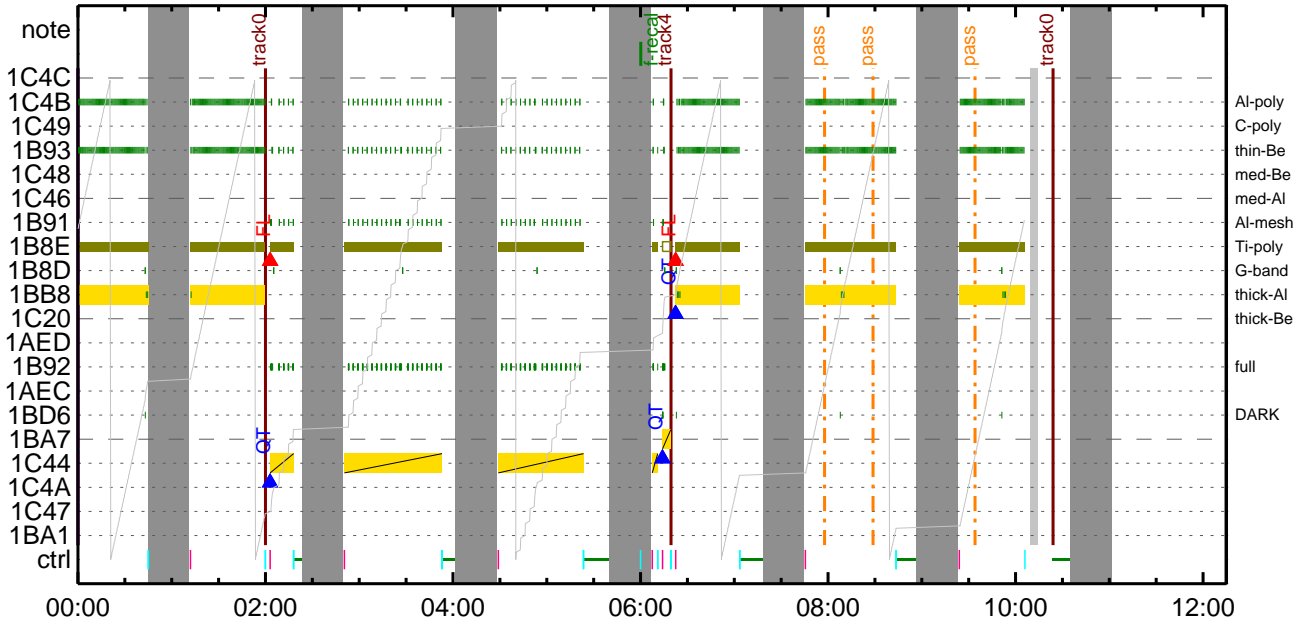
CMDI #0228 2019/05/13



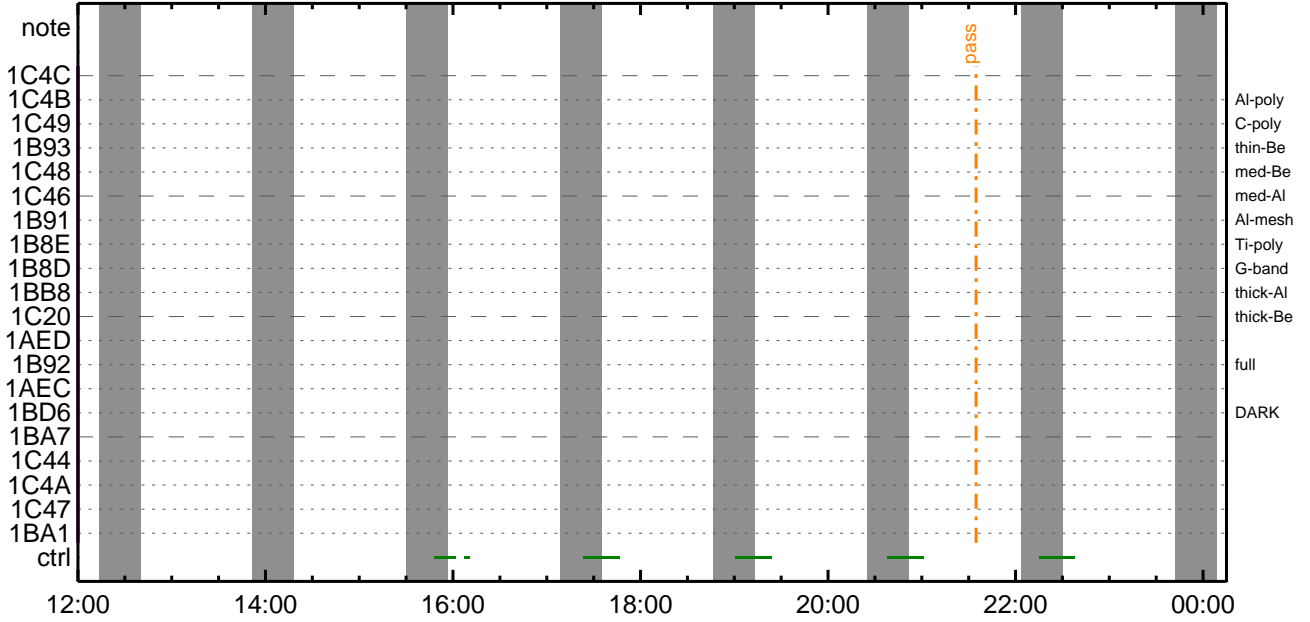
CMDI #0228 2019/05/13



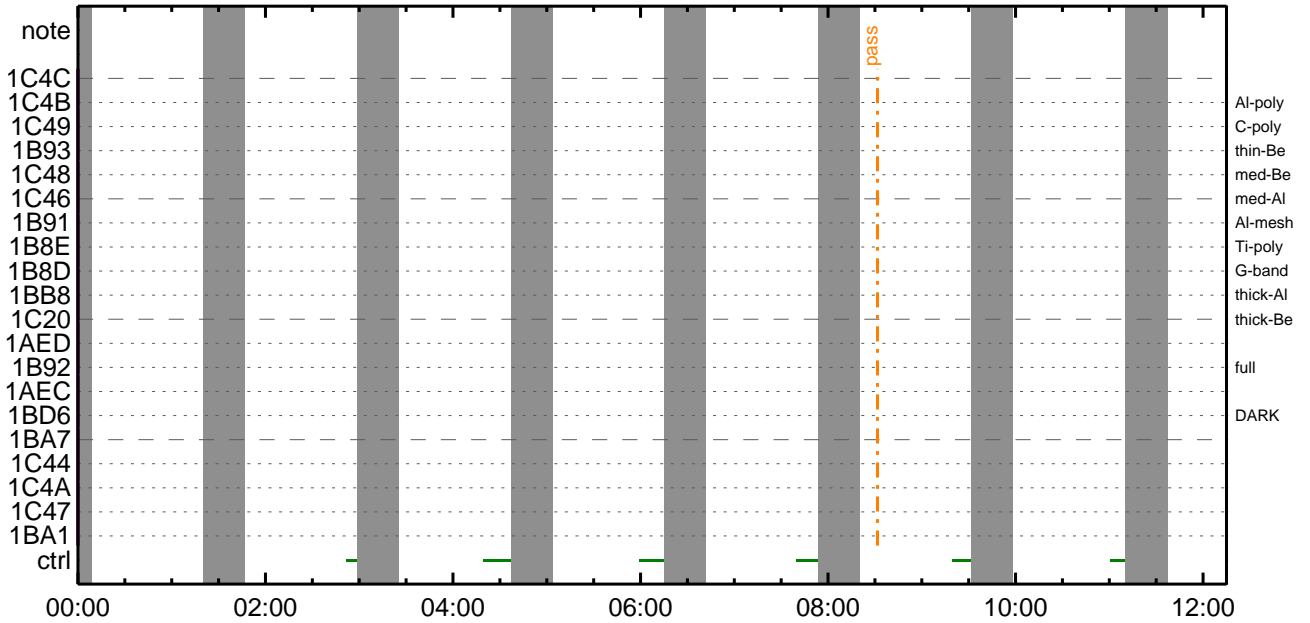
CMDI #0228 2019/05/14



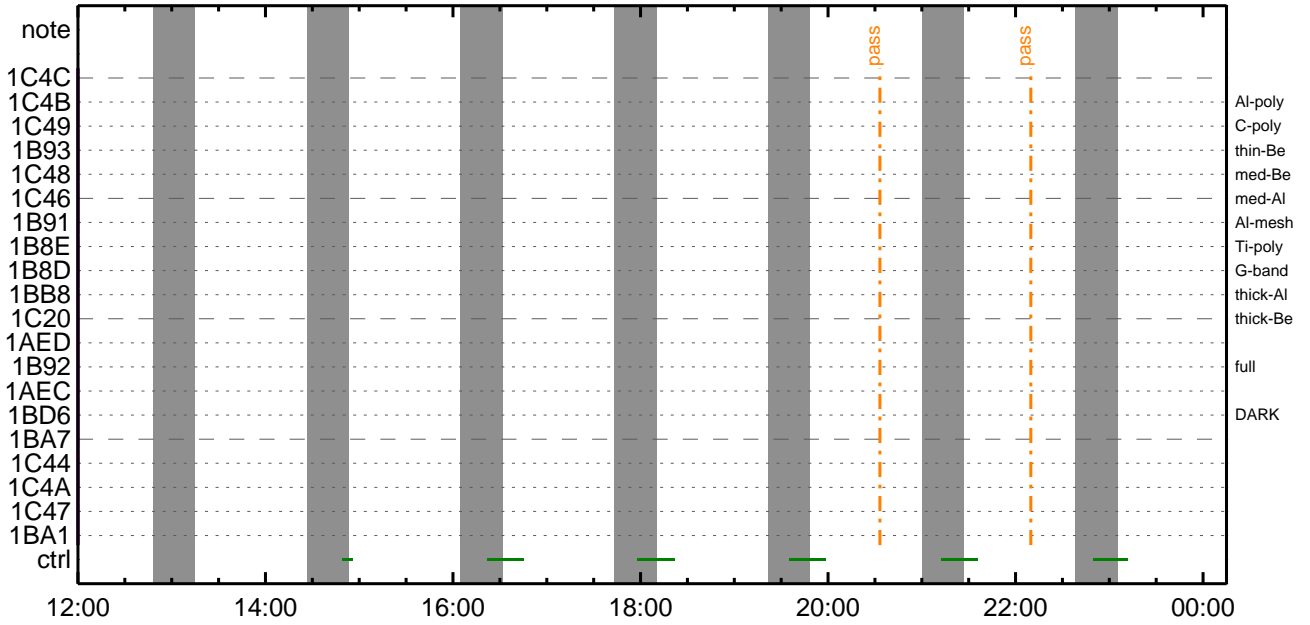
CMDI #0228 2019/05/14



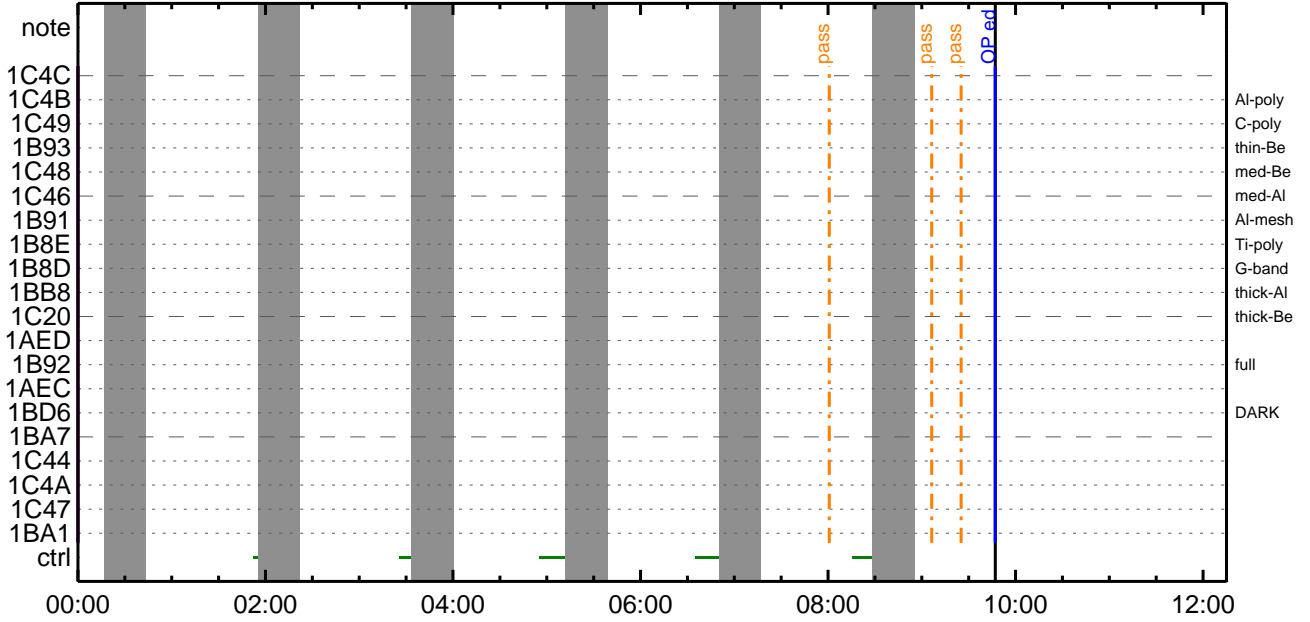
CMDI #0228 2019/05/15



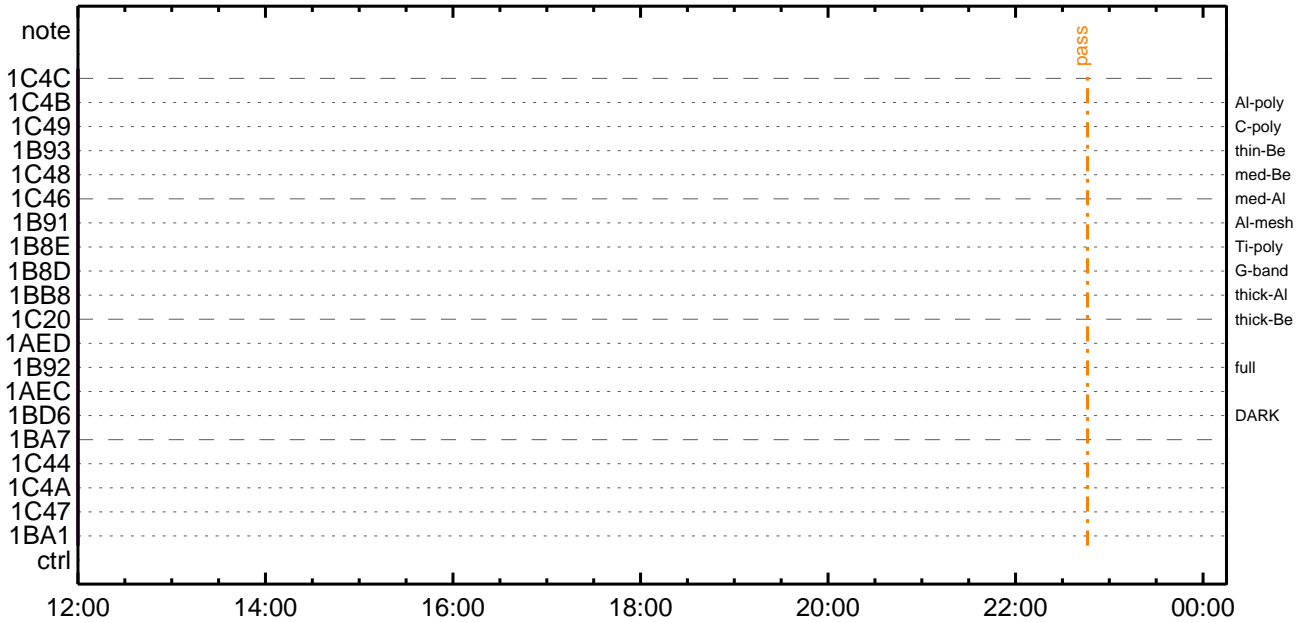
CMDI #0228 2019/05/15



CMDI #0228 2019/05/16



CMDI #0228 2019/05/16




```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;aOP/OGY1;4YE;a
0103 S. OP op-100:OP
0104 ( )
0105 S. OG og-100:OG
0106 ( )
0107 C.
0108 C. ;aNMOG&OPf^°eYAYOX;a
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. YAYOXx½^a î»oð³ îÇ§
0125 C.          çç[HK1_DMP_CHK_FLG]            EQ     NON
0126 C. RAM ID=NMOG□î½E¹ç•ë² îOKoð³ îÇ§
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. YAYOXx½^a î»oð³ îÇ§
0144 C.          çç[HK1_DMP_CHK_FLG]            EQ     NON
0145 C. RAM ID=NMOG□î½E¹ç•ë² îOKoð³ îÇ§
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. YAYOXx½^a î»oð³ îÇ§
0163 C.          çç[HK1_DMP_CHK_FLG]            EQ     NON
0164 C. RAM ID=NMOG, RAM ID=OP□î½E¹ç•ë² îOKoð³ îÇ§
0165 C.
0166 C. ***** °E²¼o î½Ä´ ¶Á°oEÉ-°oÁ÷¿@ (¼âµ-YAYOXx½ê½çoðÄÖæoç¼^a°°oE¼i¹çoçoâ) *****
0167 C. DHUYâ;4YE;E½Y½;Yi;4YE;Eoðîâ¹
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 UPLOAD□-Á÷¿@NGuî½i¹ç;ç°E²¼o îTI-CMDÁ÷¿@î½Ä¹Ôo°oE¼oð³ oE;f
0180 C.          oE¼;çSEToEDUMPaîE±°iYNY¹oç¹Ôo|o³oE;f
0181 C.
0182 C. TIY³YpYóYEoðÄî¿¿(UT)
0183 +. TI 2019-05-11 10:02:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C.          çç[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0186 C.
0187 +. TI 2019-05-11 10:02:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C.          çç[HK1_TI_CMD_NUM]              EQ     1COUNTUP
0190 C.
0191 +. TI 2019-05-11 10:02:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C.          çç[HK1_TI_CMD_NUM]              EQ     1COUNTUP

```



```

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-288: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 2019-05-11 10:06:18.0
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_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 05 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 85 83 08 08)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 20)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 20 08)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 08 20)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0b 80 80 06 06)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0c 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 0b)
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.

```


*** OP Sequence for XRT ***

2019/05/11	10:16:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	10:16:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	10:16:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/11	10:16:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/05/11	10:16:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	10:16:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	10:16:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/05/11	10:17:00.0	AOCS_ORe-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	04 03 02 01 ca			
2019/05/11	10:17:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/05/11	10:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/05/11	10:17:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/05/11	10:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/05/11	10:17:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/11	10:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/05/11	10:19:56.0	XRT_QT_PROG_SET_401_OG [0x191]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b			
2019/05/11	10:19:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/05/11	10:53:30.0	XRT_Custom_430_OG [0x1ae]						
2019/05/11	10:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/11	12:06:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	12:06:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	12:06:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/11	12:06:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/05/11	12:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/05/11	12:32:00.0	XRT_Custom_430_OG [0x1ae]						
2019/05/11	12:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/11	13:44:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	13:44:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	13:44:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/11	13:44:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/05/11	13:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/05/11	14:10:30.0	XRT_Custom_430_OG [0x1ae]						
2019/05/11	14:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/11	15:23:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	15:23:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	15:23:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/11	15:23:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/05/11	15:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/05/11	16:02:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	16:02:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	16:02:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/11	16:02:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/05/11	16:03:00.0	XRT_Custom_430_OG [0x1ae]						
2019/05/11	16:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/11	16:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/05/11	17:01:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	17:01:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/11	17:01:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/11	17:01:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]						

2019/05/11	17:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/11	17:40:00.0	XRT_Custom_430_OG [0x1ae]					
2019/05/11	17:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/11	18:24:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	18:24:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	18:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/05/11	18:25:00.0	AOCS_OrE-point_Start_2_OG [0x098]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2019/05/11	18:25:18.0	XRT_FLD_DIS_409_OG [0x199]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/05/11	18:25:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/05/11	18:25:22.0	XRT_ARS_DIS_443_OG [0x1bb]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/05/11	18:27:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2019/05/11	18:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/11	18:36:30.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	18:36:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	18:36:34.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/05/11	18:36:54.0	XRT_FLD_DIS_435_OG [0x1b3]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/05/11	18:38:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/05/11	18:38:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/05/11	18:38:58.0	XRT_QT_PROG_SET_437_OG [0x1b5]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2019/05/11	18:39:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/11	18:50:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	18:50:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	18:50:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/05/11	18:51:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
			AOCU_NM	5	02-76	04 03 02 01 ca	
2019/05/11	18:51:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/05/11	18:51:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/05/11	18:51:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/05/11	18:51:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/05/11	18:51:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/11	18:53:56.0	XRT_QT_PROG_SET_401_OG [0x191]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2019/05/11	18:53:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/05/11	19:16:30.0	XRT_Custom_430_OG [0x1ae]					
2019/05/11	19:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/11	20:18:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	20:18:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	20:18:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/11	20:18:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/11	20:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/11	20:53:30.0	XRT_Custom_430_OG [0x1ae]					
2019/05/11	20:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/11	21:56:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	21:56:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/11	21:56:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/11	21:56:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/11	21:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/11	22:30:00.0	XRT_Custom_430_OG [0x1ae]					
2019/05/11	22:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/11	23:34:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	

2019/05/12	05:34:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	05:35:00.0	AOCS_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/05/12	05:35:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 03 02 01 ca
2019/05/12	05:35:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/05/12	05:35:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/05/12	05:35:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/05/12	05:35:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/05/12	05:37:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/05/12	05:37:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2019/05/12	05:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/05/12	05:51:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/05/12	05:51:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	05:51:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	05:51:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/05/12	05:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/05/12	06:34:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/05/12	06:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]			
2019/05/12	07:32:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/05/12	07:32:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	07:32:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	07:32:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/05/12	07:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/05/12	08:12:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/05/12	08:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]			
2019/05/12	09:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/05/12	09:11:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	09:11:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	09:11:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/05/12	09:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/05/12	09:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/05/12	09:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]			
2019/05/12	10:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/05/12	10:53:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	10:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	10:53:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/05/12	10:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/05/12	11:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/05/12	11:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	11:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	11:03:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/05/12	11:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/05/12	11:29:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/05/12	11:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]			
2019/05/12	12:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/05/12	12:41:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	12:41:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/05/12	12:41:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/05/12	12:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/05/12			MDP_XRT_PREFLR_STOP	1	07-F0	e9

2019/05/12	13:07:30.0	XRT_Custom_430_OG [0x1ae]						
2019/05/12	13:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/12	14:19:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	14:19:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	14:19:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/12	14:19:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/05/12	14:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/05/12	14:47:00.5	XRT_Custom_430_OG [0x1ae]						
2019/05/12	14:48:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/12	15:58:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	15:58:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	15:58:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/12	15:58:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/05/12	16:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/05/12	16:38:00.0	XRT_Custom_430_OG [0x1ae]						
2019/05/12	16:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/12	17:19:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	17:19:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	17:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/05/12	17:20:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2019/05/12	17:20:18.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/05/12	17:20:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/05/12	17:20:22.0	XRT_ARS_DIS_443_OG [0x1bb]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/05/12	17:22:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05			
2019/05/12	17:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/12	17:33:30.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	17:33:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	17:33:34.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/05/12	17:33:54.0	XRT_FLD_DIS_435_OG [0x1b3]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/05/12	17:35:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/05/12	17:35:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/05/12	17:35:58.0	XRT_QT_PROG_SET_405_OG [0x195]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2019/05/12	17:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/12	17:46:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	17:46:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	17:46:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/05/12	17:47:00.0	AOCS_Ore-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	03 03 02 01 ca			
2019/05/12	17:47:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/05/12	17:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/05/12	17:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/05/12	17:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/05/12	17:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/05/12	17:49:56.0	XRT_QT_PROG_SET_407_OG [0x197]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06			
2019/05/12	17:49:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/05/12	18:14:30.0	XRT_Custom_430_OG [0x1ae]						
2019/05/12	18:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/05/12	19:15:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	19:15:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/05/12	19:15:04.0	XRT_FLD_RESET_415_OG [0x19f]						

2019/05/12	19:15:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/12	19:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/12	19:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/12	19:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/12	20:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/12	20:53:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/12	20:53:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/12	20:53:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/12	20:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/12	21:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/12	21:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/12	22:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/12	22:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/12	22:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/12	22:31:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/12	22:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/12	23:04:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/12	23:05:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	00:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	00:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	00:10:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/13	00:10:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/13	00:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/13	00:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/13	00:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	01:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	01:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	01:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/13	01:45:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/13	01:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/13	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/05/13	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2019/05/13	02:00:18.0	XRT_FLD_ENA_425_OG [0x1a9]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/05/13	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/05/13	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/05/13	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/05/13	02:02:54.0	XRT_FLD_RESET_445_OG [0x1bd]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/13	02:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04	
2019/05/13	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/05/13	02:14:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/05/13	02:15:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	03:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	03:18:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/05/13	03:18:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/05/13	03:18:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/05/13	03:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/05/13	03:52:30.0	XRT_Custom_430_OG [0x1ae]					

May 11, 19 11:47

XRT_OGLIST_0228.chk

Page 7/12

2019/05/13	03:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	04:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	04:47:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	04:47:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/13	04:47:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/05/13	04:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/05/13	05:31:00.0	XRT_Custom_430_OG [0x1ae]							
2019/05/13	05:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	06:02:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	06:02:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	06:02:04.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/05/13	06:02:24.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/05/13	06:02:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/05/13	06:02:28.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/05/13	06:05:04.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2019/05/13	06:05:06.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	06:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/05/13	06:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2019/05/13	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/05/13	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/05/13	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/05/13	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/05/13	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/13	06:12:56.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2019/05/13	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/05/13	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	06:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	06:27:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	06:27:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/13	06:27:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/05/13	06:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/05/13	07:09:30.0	XRT_Custom_430_OG [0x1ae]							
2019/05/13	07:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	07:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	07:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/05/13	08:00:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 c8 fe 01 ca				
2019/05/13	08:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/05/13	08:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/05/13	08:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/05/13	08:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/05/13	08:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/13	08:02:56.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2019/05/13	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/05/13	08:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	08:08:00.0	XRT_CTRL_MANU_400_OG [0x190]							

2019/05/13	08:08:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	08:08:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	08:08:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	08:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/13	08:47:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/13	08:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_OG [0x1a8]					
2019/05/13	09:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	09:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	09:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	09:47:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	09:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/13	10:26:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/13	10:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_OG [0x1a8]					
2019/05/13	11:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	11:38:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	11:38:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	11:38:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	11:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/13	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/13	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	11:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	12:00:00.0	AOCS_Ore-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/05/13	12:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 3b 64 01 ca		
2019/05/13	12:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/05/13	12:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/05/13	12:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/05/13	12:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/05/13	12:02:56.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	12:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2019/05/13	12:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/05/13	12:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_OG [0x1a8]					
2019/05/13	13:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	13:16:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	13:16:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	13:16:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	13:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/13	13:42:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/13	13:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_OG [0x1a8]					
2019/05/13	14:55:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	14:55:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	14:55:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	14:55:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	14:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/13	15:25:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/13	15:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_OG [0x1a8]					
2019/05/13	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	16:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		

2019/05/13	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	03	02	01	ca
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/05/13	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/05/13	16:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/05/13	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/05/13	16:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/13	16:02:56.0	XRT_QT_PROG_SET_401_OG [0x191]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2019/05/13	16:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/05/13	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	16:33:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	16:33:02.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	16:33:04.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/13	16:33:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/05/13	16:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/05/13	17:12:30.0	XRT_Custom_430_OG [0x1ae]								
2019/05/13	17:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	17:49:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	17:49:58.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2019/05/13	17:50:00.0	AOCS_Ore-point_Start_2_OG [0x098]								
			AOCU_NM	5	02-76	00	00	00	00	00
2019/05/13	17:50:18.0	XRT_FLD_DIS_409_OG [0x199]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/05/13	17:50:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/05/13	17:50:22.0	XRT_ARS_DIS_443_OG [0x1bb]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/05/13	17:52:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2019/05/13	17:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	18:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]								
			AOCU_NM	5	02-76	00	00	00	ae	36
2019/05/13	18:08:30.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	18:08:32.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	18:08:34.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2019/05/13	18:08:54.0	XRT_FLD_DIS_435_OG [0x1b3]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/05/13	18:10:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]								
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/05/13	18:10:56.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/05/13	18:10:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2019/05/13	18:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	18:21:54.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	18:21:56.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/13	18:21:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]								
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/05/13	18:22:00.0	AOCS_Ore-point_Start_1_OG [0x097]								
			AOCU_NM	5	02-76	04	03	02	01	ca
2019/05/13	18:22:18.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/05/13	18:22:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/05/13	18:22:22.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/05/13	18:22:24.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/05/13	18:22:26.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/13	18:24:56.0	XRT_QT_PROG_SET_401_OG [0x191]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2019/05/13	18:24:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/05/13	18:49:00.0	XRT_Custom_430_OG [0x1ae]								
2019/05/13	18:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/13	19:50:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				

May 11, 19 11:47

XRT_OGLIST_0228.chk

Page 10/12

2019/05/13	19:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	19:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	19:50:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/13	19:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/13	20:26:00.0	XRT_Custom_430_OG [0x1ae]						
2019/05/13	20:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	21:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	21:28:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	21:28:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	21:28:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/13	21:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/13	22:03:00.0	XRT_Custom_430_OG [0x1ae]						
2019/05/13	22:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	23:03:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	23:03:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	23:03:34.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/05/13	23:03:54.0	XRT_FLD_DIS_435_OG [0x1b3]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/05/13	23:05:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/05/13	23:05:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/05/13	23:05:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14		
2019/05/13	23:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/13	23:36:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	23:36:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/13	23:36:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/05/13	23:37:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/05/13	23:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/05/13	23:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/05/13	23:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/05/13	23:37:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/13	23:39:56.0	XRT_QT_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		
2019/05/13	23:39:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/05/13	23:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	00:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	00:45:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	00:45:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/14	00:45:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/14	00:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/14	01:11:00.0	XRT_Custom_430_OG [0x1ae]						
2019/05/14	01:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/05/14	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2019/05/14	02:00:18.0	XRT_FLD_ENA_425_OG [0x1a9]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/05/14	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/05/14	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/05/14	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/05/14	02:02:54.0	XRT_FLD_RESET_445_OG [0x1bd]	MDP_XRT_FLD_RESET	1	07-F0	da		

May 11, 19 11:47

XRT_OGLIST_0228.chk

Page 11/12

2019/05/14	02:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2019/05/14	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/05/14	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	02:18:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	02:18:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	02:18:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/14	02:18:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/14	02:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/14	02:49:30.0	XRT_Custom_430_OG [0x1ae]					
2019/05/14	02:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	03:53:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	03:53:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	03:53:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/14	03:53:06.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/14	03:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/14	04:28:00.0	XRT_Custom_430_OG [0x1ae]					
2019/05/14	04:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	05:23:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	05:23:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	05:23:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/14	05:23:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/05/14	05:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/05/14	06:00:00.0	XRT_CTRL_MANU_416_OG [0x1a0]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	06:00:10.0	XRT_FOCUS_RECALIBRATE_417_OG [0x1a1]					
		XRT_FOCUS_RECAL	2	07-F8	78	00	
2019/05/14	06:04:10.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2019/05/14	06:06:30.0	XRT_Custom_430_OG [0x1ae]					
2019/05/14	06:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	06:11:00.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	06:11:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	06:11:04.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2019/05/14	06:11:24.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/05/14	06:11:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/05/14	06:11:28.0	XRT_ARS_DIS_443_OG [0x1bb]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/05/14	06:14:04.0	XRT_QT_PROG_SET_442_OG [0x1ba]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2019/05/14	06:14:06.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	06:19:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	06:19:26.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/05/14	06:19:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2019/05/14	06:19:30.0	AOCs_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04	03	02 01 ca
2019/05/14	06:19:48.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/05/14	06:19:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/05/14	06:19:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/05/14	06:19:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/05/14	06:19:56.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/05/14	06:22:26.0	XRT_QT_PROG_SET_401_OG [0x191]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b	
2019/05/14	06:22:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2019/05/14	06:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/05/14	07:03:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		

May 11, 19 11:47

XRT_OGLIST_0228.chk

Page 12/12

2019/05/14	07:03:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/14	07:03:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/14	07:03:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/05/14	07:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/05/14	07:44:30.0	XRT_Custom_430_OG [0x1ae]							
2019/05/14	07:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/14	08:43:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/14	08:43:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/14	08:43:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/05/14	08:43:36.0	XRT_PREFLR_STRT_428_OG [0x1ac]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/05/14	08:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/05/14	09:23:00.0	XRT_Custom_430_OG [0x1ae]							
2019/05/14	09:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/05/14	10:06:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/05/14	10:24:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				