

XRT Timeline to be uploaded on 2019/12/28

Period: 2019/12/28 10:57:00 - 2020/01/07 10:48:00

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Normal mode

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XOB #1BDB: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 120s cad

Term	Pointing (x, y)	Comment
12/28 11:10:00 - 12/28 17:59:54	Track (-53.6, -509.0) @ 12/28 11:07:00	# OP start + 10min , AR12753
12/28 18:13:00 - 12/29 01:59:54	Track (0.6, -508.5) @ 12/28 18:10:00	Cont,
12/29 06:25:30 - 12/29 17:35:30	Track (94.3, -507.9) @ 12/29 06:22:30	Cont,
12/30 11:57:30 - 12/30 17:46:24	Track (312.3, -508.6) @ 12/30 11:54:30	AR12753
12/30 17:59:30 - 12/31 01:59:30	Track (354.4, -509.1) @ 12/30 17:56:30	Cont,
12/31 06:13:00 - 12/31 10:07:00	Track (435.8, -510.5) @ 12/31 06:10:00	Cont,
12/31 18:15:30 - 01/01 01:59:54	Track (510.2, -512.4) @ 12/31 18:12:30	Cont,
01/01 06:33:00 - 01/01 17:42:30	Track (579.5, -514.9) @ 01/01 06:30:00	Cont,
01/01 18:19:30 - 01/02 01:39:30	Track (638.6, -517.7) @ 01/01 18:16:30	Cont,
01/02 08:27:06 - 01/02 17:53:24	Track (697.7, -521.6) @ 01/02 08:02:00	AR12753
01/02 18:06:30 - 01/03 01:59:30	Track (733.6, -524.8) @ 01/02 18:03:30	Cont,
01/04 06:40:30 - 01/04 10:35:00	Fixed (800.0, -496.0)	AR12753

PROG= 09 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= 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) 120.0sec															
Seqn= 15 1-time(s) 40.0sec			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	2.0sec
Seqn= 58 1-time(s) 40.0sec			Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
			thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Seqn= 48 1-time(s) 2.0sec			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 #1C6B: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(128/1024/4096) +

Term	Pointing (x, y)	Comment
12/28 18:03:00 - 12/28 18:09:54	Fixed (0.0, 0.0)	synoptic
12/29 06:15:36 - 12/29 06:22:24	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 12.5 min
12/29 18:03:00 - 12/29 18:09:54	Fixed (0.0, 0.0)	synoptic
12/30 05:47:36 - 12/30 05:54:24	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -15.5 min
12/31 06:03:06 - 12/31 06:09:54	Fixed (0.0, 0.0)	HOP349 + synoptic
12/31 18:05:30 - 12/31 18:12:24	Fixed (0.0, 0.0)	synoptic, shifted 2.5 min
01/01 06:23:06 - 01/01 06:29:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 20.0 min
01/01 18:09:30 - 01/01 18:16:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min
01/02 05:55:06 - 01/02 06:01:54	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -8.0 min
01/03 06:03:06 - 01/03 06:09:54	Fixed (0.0, 0.0)	HOP349 + synoptic
01/03 17:58:30 - 01/03 18:05:24	Fixed (0.0, 0.0)	synoptic, shifted -4.5 min
01/04 06:30:36 - 01/04 06:37:24	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 27.5 min

PROG= 20 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= 36 1-time(s) 2.0sec			Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
			Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	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= 85 1-time(s) 2.0sec			Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
			Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
			Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 33 1-time(s) 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
			thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	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 #1C30: HOP349 - 3-filter Synoptics (Al-mesh[64/512/2897], Al-poly[181/1024/8192], thin-Be[1024/11571/23142] with 512x512 G-band 1ms+Leak - 50min

Term	Pointing (x, y)	Comment
12/29 02:03:00 - 12/29 05:35:30	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 12.5 min
12/30 02:03:00 - 12/30 05:44:30	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -15.5 min
12/31 02:26:06 - 12/31 06:00:00	Fixed (0.0, 0.0)	HOP349 + synoptic
01/01 02:03:00 - 01/01 05:43:00	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 20.0 min
01/02 02:03:00 - 01/02 05:52:00	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -8.0 min
01/03 02:33:36 - 01/03 06:00:00	Fixed (0.0, 0.0)	HOP349 + synoptic
01/04 03:08:06 - 01/04 05:50:30	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 27.5 min

PROG= 05 Inf.-time(s)

Subr= 1	1-time(s)	600.0sec
Seqn= 36	1-time(s)	2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec
Open/Al-mesh	Open/Al-mesh close	Safe Norm 500ms 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= 93	1-time(s)	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/Open close	Safe Norm 1.00s 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= 33	1-time(s)	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
thin-Be/Open	thin-Be/Open close	Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 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	4-time(s)	600.0sec
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
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XOB #1C60: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 60s cad

Term	Pointing (x, y)	Comment
12/29 18:13:00 - 12/30 01:34:00	Track (183.3, -507.8) @ 12/29 18:10:00	Cont,
12/31 14:10:00 - 12/31 18:02:24	Track (485.6, -511.7) @ 12/31 14:07:00	AR12753
01/03 18:08:30 - 01/03 23:44:00	Fixed (800.0, -496.9)	AR12753 switch to fixed

PROG= 02 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= 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)	60.0sec
Seqn= 15	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 2.0sec
Seqn= 58	1-time(s)	24.0sec
Al-poly/Open	thin-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 1 2.0sec
thin-Be/Open	med-Be/Open close	Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 1 2.0sec
Seqn= 48	1-time(s)	2.0sec
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
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XOB #1C5A: HOP336 1-filter - Al/poly -384x384, 1024ms and 8192s, 60s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
12/30 06:01:30 - 12/30 08:54:24	Track (-22.0, 561.0) @ 12/30 05:54:30	HOP336 north
12/30 08:57:30 - 12/30 11:54:24	Track (-22.0, -631.0) @ 12/30 08:54:30	HOP336 south
01/03 06:13:00 - 01/03 12:09:54	Fixed (0.0, 900.0)	North Polar CH Obs and BP Obs
01/03 12:13:00 - 01/03 17:55:24	Fixed (0.0, -900.0)	South Polar CH Obs

PROG= 14 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

L Seqn= 72 1-time(s) 60.0sec													
Al-poly/Open		Al-poly/Ti-poly	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Al-poly/Open		Al-poly/Open	close	Safe	Norm	1.00s	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 #1C13: Synoptic 7 Filter w/ Al-mesh(512/2048/4096), Al-poly(512/4096/8192), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/23142)

Term	Pointing (x, y)	Comment
12/30 17:49:30 - 12/30 17:56:24	Fixed (0.0, 0.0)	synoptic, shifted -13.5 min
12/31 11:06:00 - 12/31 11:18:54	Fixed (0.0, 0.0)	3/15
01/02 17:56:30 - 01/02 18:03:24	Fixed (0.0, 0.0)	synoptic, shifted -6.5 min

PROG= 07 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= 12 1-time(s) 2.0sec													
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 82 1-time(s) 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
Al-poly/Open		Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 52 1-time(s) 2.0sec													
thin-Be/Open		thin-Be/Open	close	Safe	Norm	2.83s	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= 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 1-time(s) 2.0sec													
Open/thick-Be		Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 17 1-time(s) 2.0sec													
med-Al/Open		med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-Al/Open		med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 97 1-time(s) 2.0sec													
Al-poly/Ti-poly		Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly		Al-poly/thick-Al	close	Safe	Norm	22.6s	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 #1B96: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
12/31 10:34:00 - 12/31 10:46:54	Fixed (936.0, 0.0)	HOP130 1/15
12/31 10:50:00 - 12/31 11:02:54	Fixed (468.0, 0.0)	2/15
12/31 11:22:00 - 12/31 11:34:54	Fixed (-468.0, 0.0)	4/15
12/31 11:38:00 - 12/31 11:50:54	Fixed (-936.0, 0.0)	5/15
12/31 11:54:00 - 12/31 12:00:54	Fixed (815.0, 470.0)	6/15
12/31 12:04:00 - 12/31 12:16:54	Fixed (411.0, 847.0)	7/15
12/31 12:20:00 - 12/31 12:32:54	Fixed (0.0, 941.0)	8/15
12/31 12:36:00 - 12/31 12:48:54	Fixed (-411.0, 847.0)	9/15
12/31 12:52:00 - 12/31 12:58:54	Fixed (-815.0, 470.0)	10/15
12/31 13:02:00 - 12/31 13:08:54	Fixed (815.0, -470.0)	11/15
12/31 13:12:00 - 12/31 13:24:54	Fixed (411.0, -847.0)	12/15
12/31 13:28:00 - 12/31 13:40:54	Fixed (0.0, -941.0)	13/15
12/31 13:44:00 - 12/31 13:56:54	Fixed (-411.0, -847.0)	14/15
12/31 14:00:00 - 12/31 14:06:54	Fixed (-815.0, -471.0)	15/15
01/02 06:05:00 - 01/02 07:59:00	Fixed (900.0, 0.0)	EIS spectral atlas

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 10-time(s) 360.0sec													
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 #1C6E: HOP336 1-filter - Al/poly -384x384, 1024ms and 8192s, 300s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
------	-----------------	---------

PROG= 18 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	3-time(s)	2.0sec									
Seqn=	72	1-time(s)	300.0sec									
	Al-poly/Open	Al-poly/Ti-poly close	Safe Norm	8.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec	
	Al-poly/Open	Al-poly/Open close	Safe Norm	1.00s	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	

* * * * *

Flare mode

* * * * *

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
12/28 11:10:00 - 12/28 17:59:54	Track (-53.6, -509.0) @ 12/28 11:07:00	# OP start + 10min , AR12753
12/28 18:13:00 - 12/29 01:59:54	Track (0.6, -508.5) @ 12/28 18:10:00	Cont,
12/29 02:03:00 - 12/29 05:35:30	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 12.5 min
12/29 06:25:30 - 12/29 17:35:30	Track (94.3, -507.9) @ 12/29 06:22:30	Cont,
12/29 18:13:00 - 12/30 01:34:00	Track (183.3, -507.8) @ 12/29 18:10:00	Cont,
12/30 02:03:00 - 12/30 05:44:30	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -15.5 min
12/30 06:01:30 - 12/30 08:54:24	Track (-22.0, 561.0) @ 12/30 05:54:30	HOP336 north
12/30 08:57:30 - 12/30 11:54:24	Track (-22.0, -631.0) @ 12/30 08:54:30	HOP336 south
12/30 11:57:30 - 12/30 17:46:24	Track (312.3, -508.6) @ 12/30 11:54:30	AR12753
12/30 17:59:30 - 12/31 01:59:30	Track (354.4, -509.1) @ 12/30 17:56:30	Cont,
12/31 02:26:06 - 12/31 06:00:00	Fixed (0.0, 0.0)	HOP349 + synoptic
12/31 06:13:00 - 12/31 10:07:00	Track (435.8, -510.5) @ 12/31 06:10:00	Cont,
12/31 10:34:00 - 12/31 10:46:54	Fixed (936.0, 0.0)	HOP130 1/15
12/31 10:50:00 - 12/31 11:02:54	Fixed (468.0, 0.0)	2/15
12/31 11:22:00 - 12/31 11:34:54	Fixed (-468.0, 0.0)	4/15
12/31 11:38:00 - 12/31 11:50:54	Fixed (-936.0, 0.0)	5/15
12/31 11:54:00 - 12/31 12:00:54	Fixed (815.0, 470.0)	6/15
12/31 12:04:00 - 12/31 12:16:54	Fixed (411.0, 847.0)	7/15
12/31 12:20:00 - 12/31 12:32:54	Fixed (0.0, 941.0)	8/15
12/31 12:36:00 - 12/31 12:48:54	Fixed (-411.0, 847.0)	9/15
12/31 12:52:00 - 12/31 12:58:54	Fixed (-815.0, 470.0)	10/15
12/31 13:02:00 - 12/31 13:08:54	Fixed (815.0, -470.0)	11/15
12/31 13:12:00 - 12/31 13:24:54	Fixed (411.0, -847.0)	12/15
12/31 13:28:00 - 12/31 13:40:54	Fixed (0.0, -941.0)	13/15
12/31 13:44:00 - 12/31 13:56:54	Fixed (-411.0, -847.0)	14/15
12/31 14:00:00 - 12/31 14:06:54	Fixed (-815.0, -471.0)	15/15
12/31 14:10:00 - 12/31 18:02:24	Track (485.6, -511.7) @ 12/31 14:07:00	AR12753
12/31 18:15:30 - 01/01 01:59:54	Track (510.2, -512.4) @ 12/31 18:12:30	Cont,
01/01 02:03:00 - 01/01 05:43:00	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 20.0 min
01/01 06:33:00 - 01/01 17:42:30	Track (579.5, -514.9) @ 01/01 06:30:00	Cont,
01/01 18:19:30 - 01/02 01:39:30	Track (638.6, -517.7) @ 01/01 18:16:30	Cont,
01/02 02:03:00 - 01/02 05:52:00	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted -8.0 min
01/02 06:05:00 - 01/02 07:59:00	Fixed (900.0, 0.0)	EIS spectral atlas
01/02 08:27:06 - 01/02 17:53:24	Track (697.7, -521.6) @ 01/02 08:02:00	AR12753
01/02 18:06:30 - 01/03 01:59:30	Track (733.6, -524.8) @ 01/02 18:03:30	Cont,
01/03 02:33:36 - 01/03 06:00:00	Fixed (0.0, 0.0)	HOP349 + synoptic
01/03 06:13:00 - 01/03 12:09:54	Fixed (0.0, 900.0)	North Polar CH Obs and BP Obs
01/03 12:13:00 - 01/03 17:55:24	Fixed (0.0, -900.0)	South Polar CH Obs
01/03 18:08:30 - 01/03 23:44:00	Fixed (800.0, -496.9)	AR12753 switch to fixed
01/04 00:07:07 - 01/04 02:43:30	Track (-22.0, 17.0) @ 01/04 00:00:00	HOP393
01/04 03:08:06 - 01/04 05:50:30	Fixed (0.0, 0.0)	HOP349 + synoptic, shifted 27.5 min
01/04 06:40:30 - 01/04 10:35:00	Fixed (800.0, -496.0)	AR12753

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	

* * * * *

Active Region Search

* * * * *

NOT USED

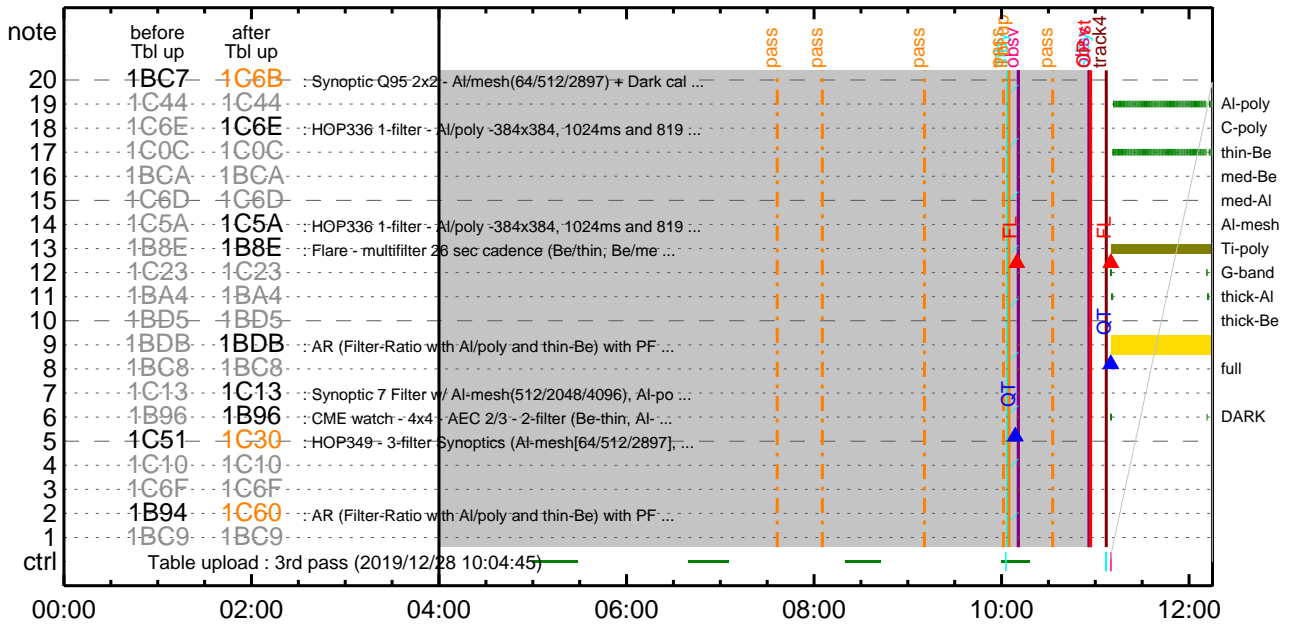
* * * * *

Flare Detection

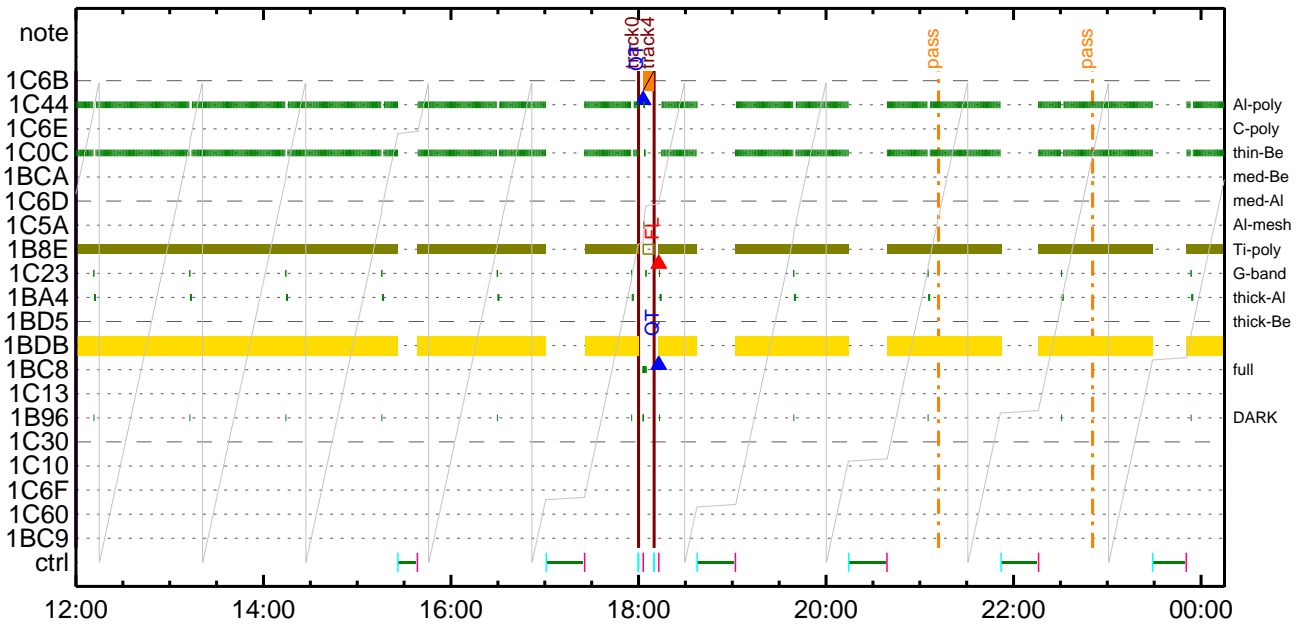
* * * * *

FLD Patrol											
Term	Pointing (x, y)						Comment				
12/28 18:10:18 - 12/29 06:12:54	Track (	0.6,	-508.5)	@ 12/28 18:10:00			Cont,				
12/29 06:22:48 - 12/29 18:00:18	Track (	94.3,	-507.9)	@ 12/29 06:22:30			Cont,				
12/29 18:10:18 - 12/30 05:44:54	Track (	183.3,	-507.8)	@ 12/29 18:10:00			Cont,				
12/30 05:58:48 - 12/30 17:46:48	Track (	-22.0,	561.0)	@ 12/30 05:54:30			HOP336 north				
12/30 17:56:48 - 12/31 06:00:24	Track (	354.4,	-509.1)	@ 12/30 17:56:30			Cont,				
12/31 06:10:18 - 12/31 11:03:18	Track (	435.8,	-510.5)	@ 12/31 06:10:00			Cont,				
12/31 11:19:18 - 12/31 18:02:48	Fixed (	-468.0,	0.0)				4/15				
12/31 18:12:48 - 01/01 06:20:24	Track (	510.2,	-512.4)	@ 12/31 18:12:30			Cont,				
01/01 06:30:18 - 01/01 18:06:48	Track (	579.5,	-514.9)	@ 01/01 06:30:00			Cont,				
01/01 18:16:48 - 01/02 05:52:24	Track (	638.6,	-517.7)	@ 01/01 18:16:30			Cont,				
01/02 06:02:18 - 01/02 17:53:48	Fixed (	900.0,	0.0)				EIS spectral atlas				
01/02 18:03:48 - 01/03 06:00:24	Track (	733.6,	-524.8)	@ 01/02 18:03:30			Cont,				
01/03 06:10:18 - 01/03 17:55:48	Fixed (	0.0,	900.0)				North Polar CH Obs and BP Obs				
01/03 18:05:48 - 01/04 06:27:54	Fixed (	800.0,	-496.9)				AR12753 switch to fixed				
01/04 06:37:48 - 01/07 10:48:00	Fixed (	800.0,	-496.0)				AR12753				
AI-poly/Open	AI-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

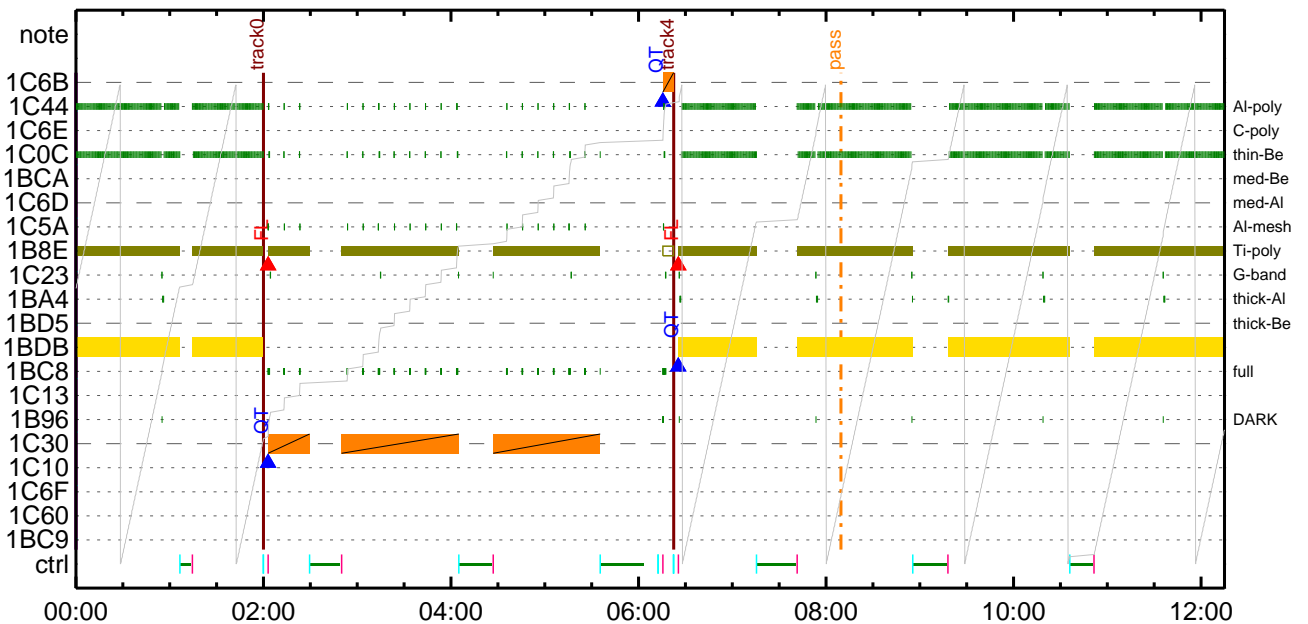
CMDI #0673 2019/12/28



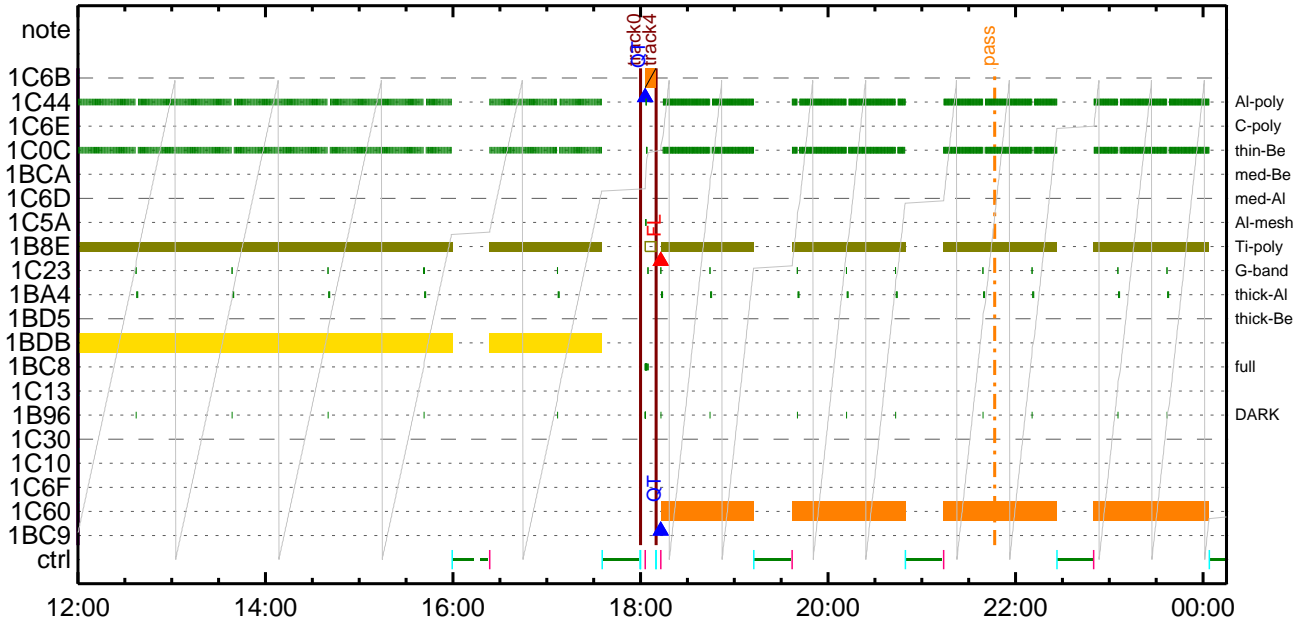
CMDI #0673 2019/12/28



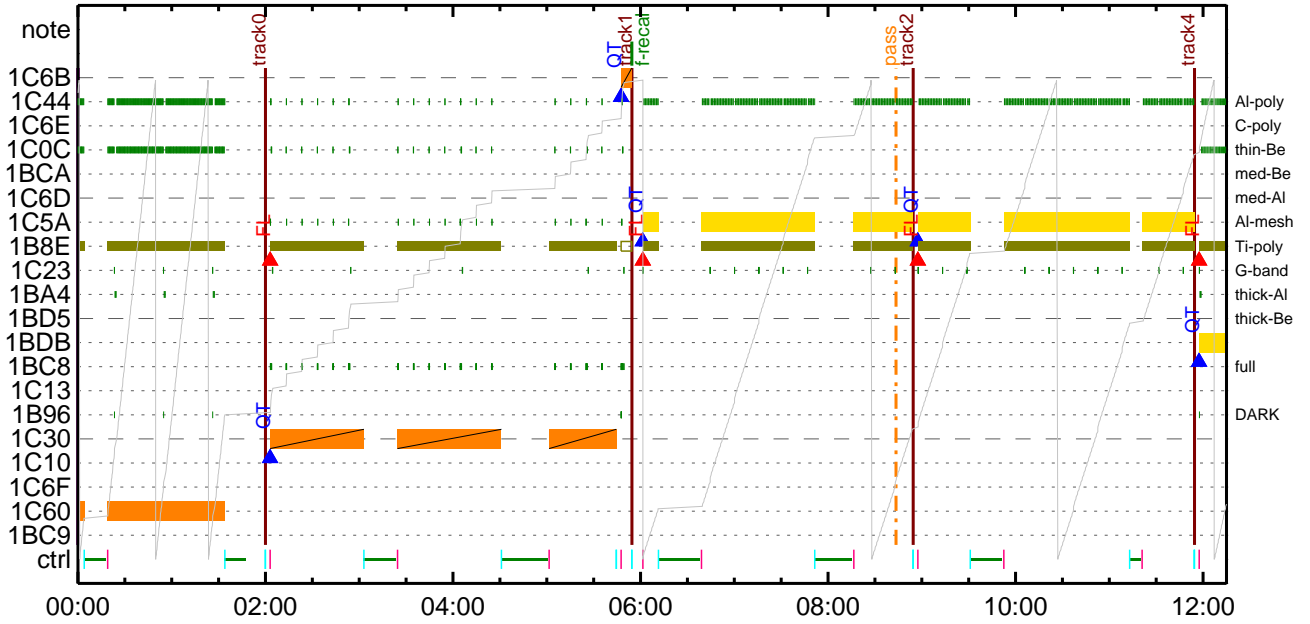
CMDI #0673 2019/12/29



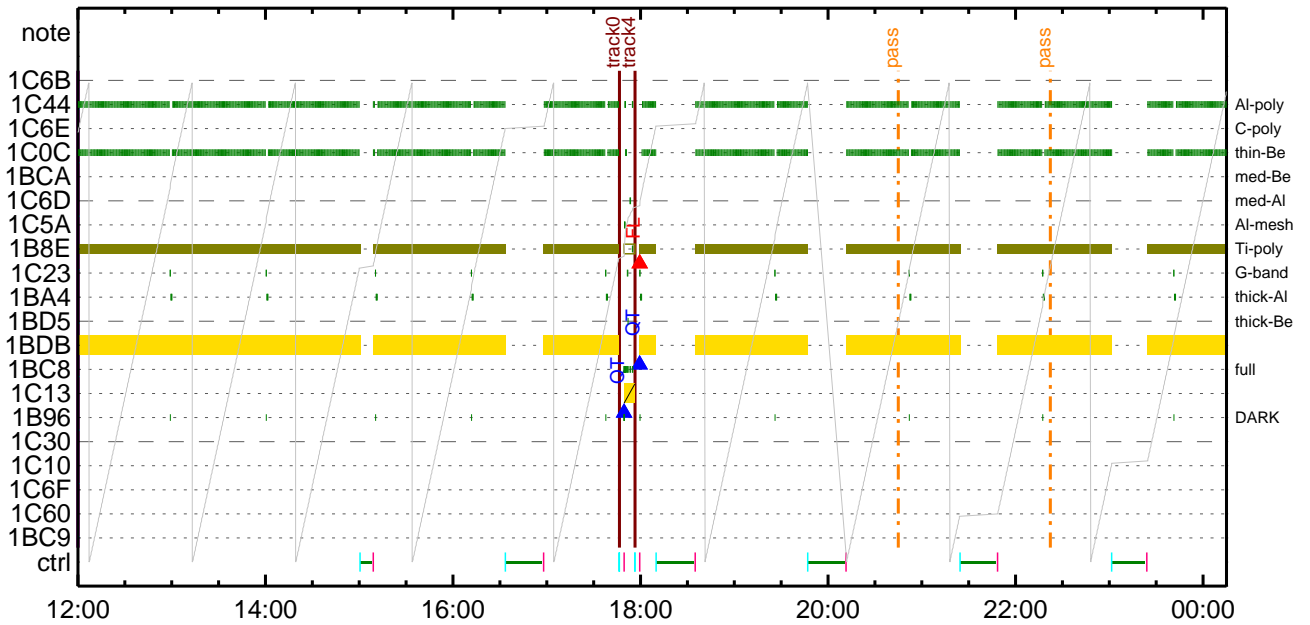
CMDI #0673 2019/12/29



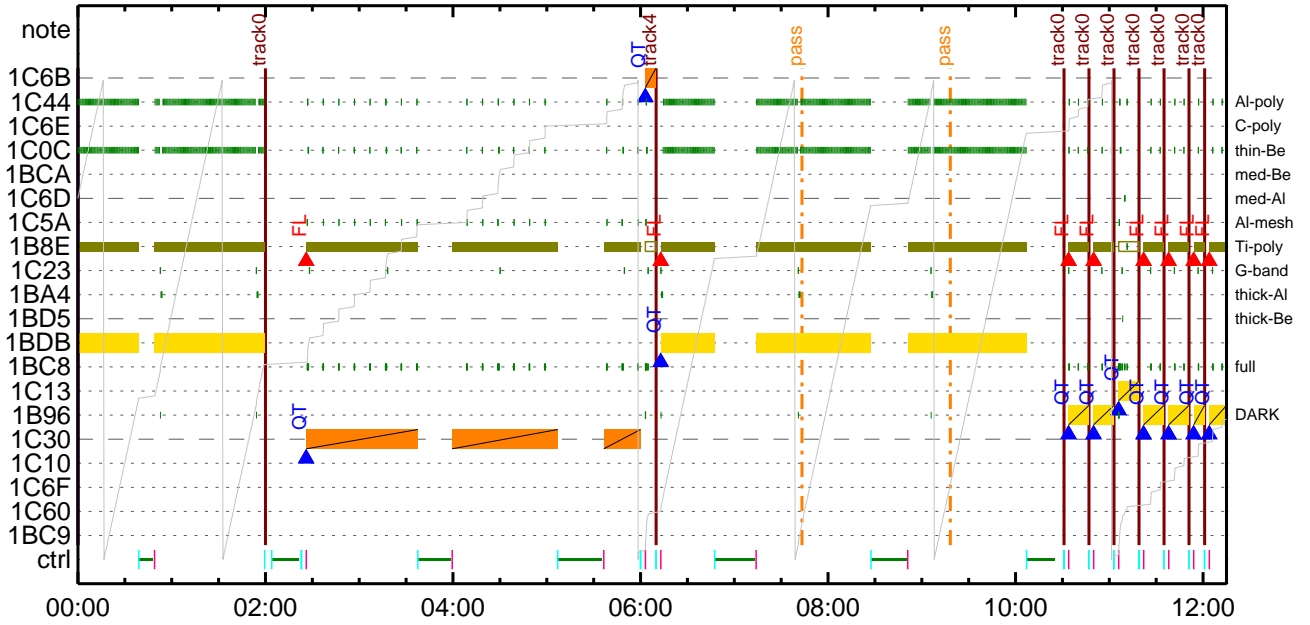
CMDI #0673 2019/12/30



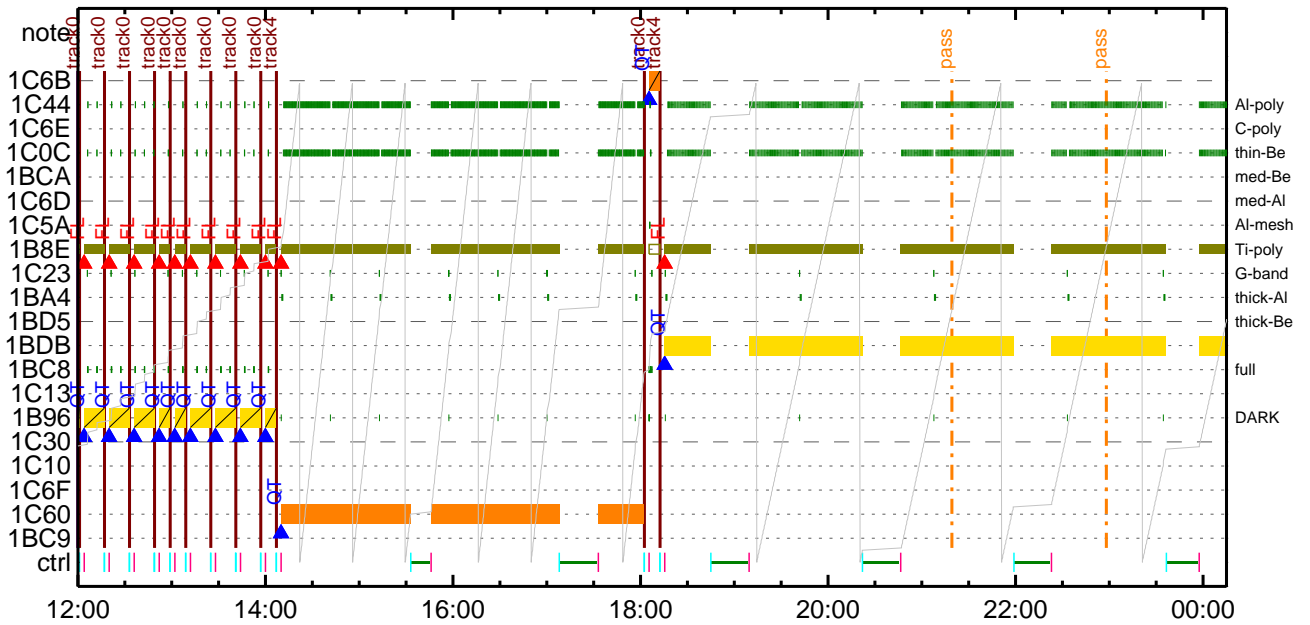
CMDI #0673 2019/12/30



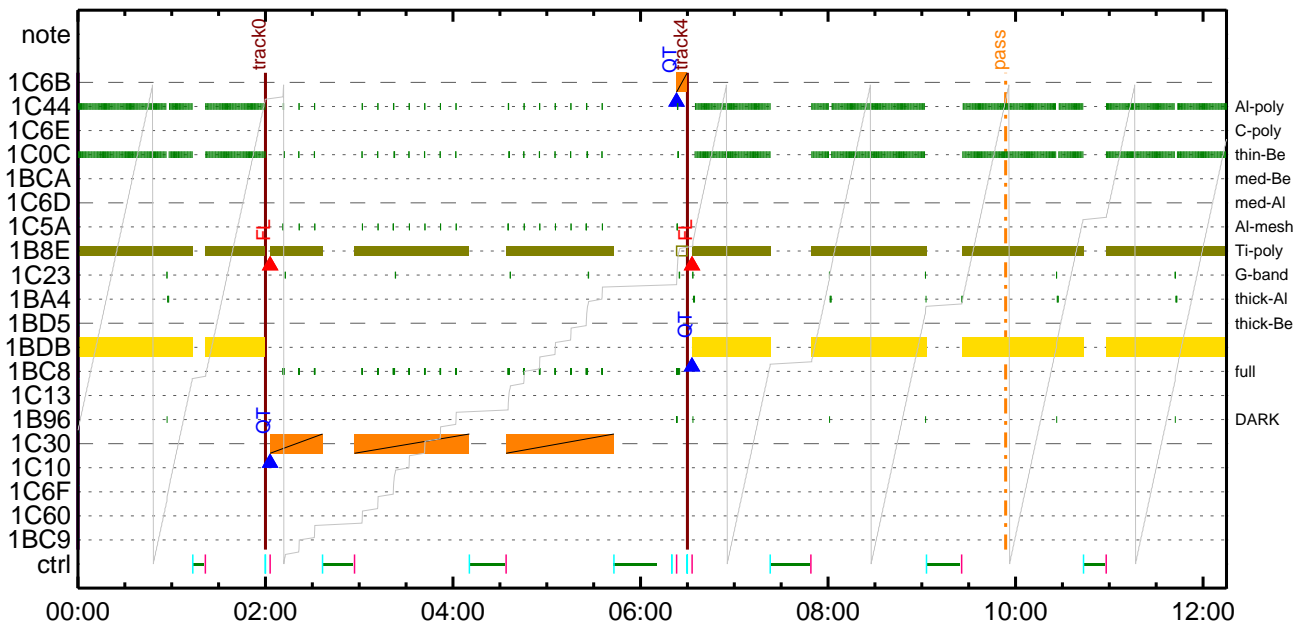
CMDI #0673 2019/12/31



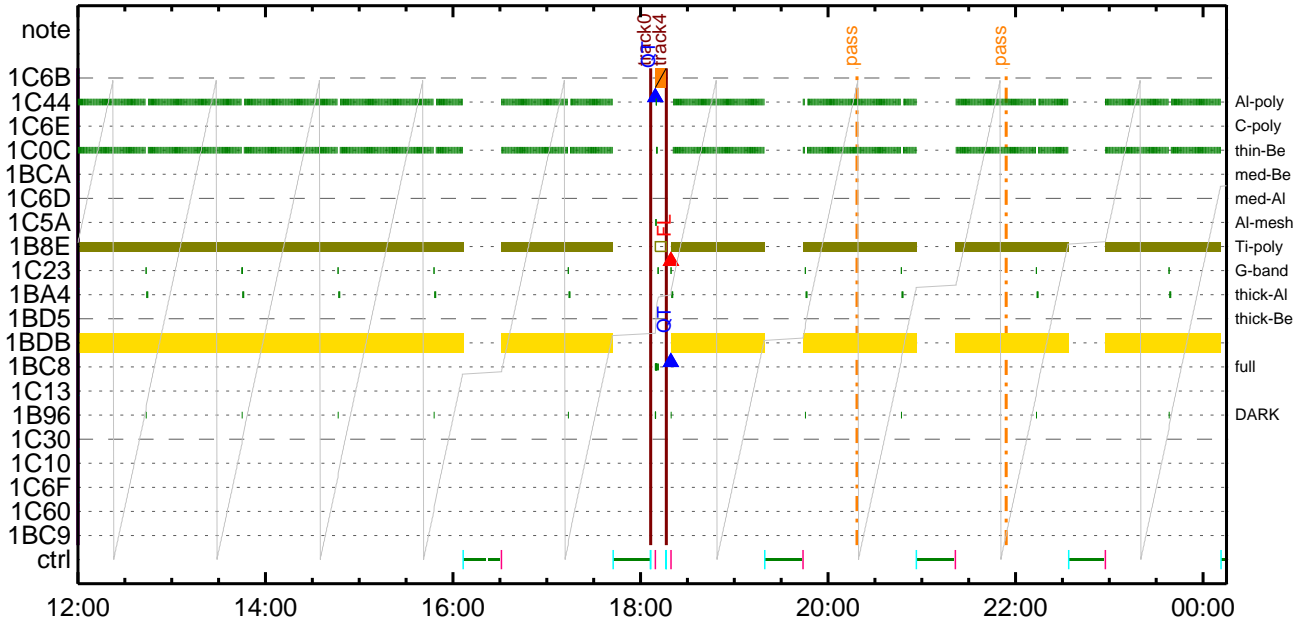
CMDI #0673 2019/12/31



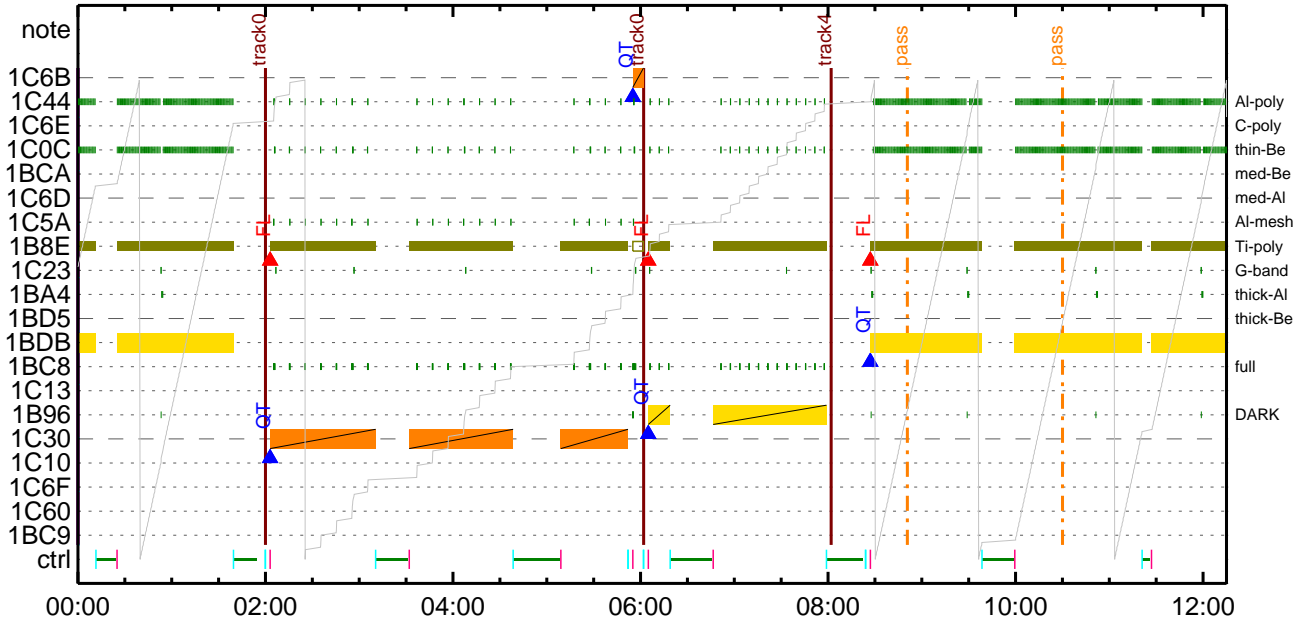
CMDI #0673 2020/01/01



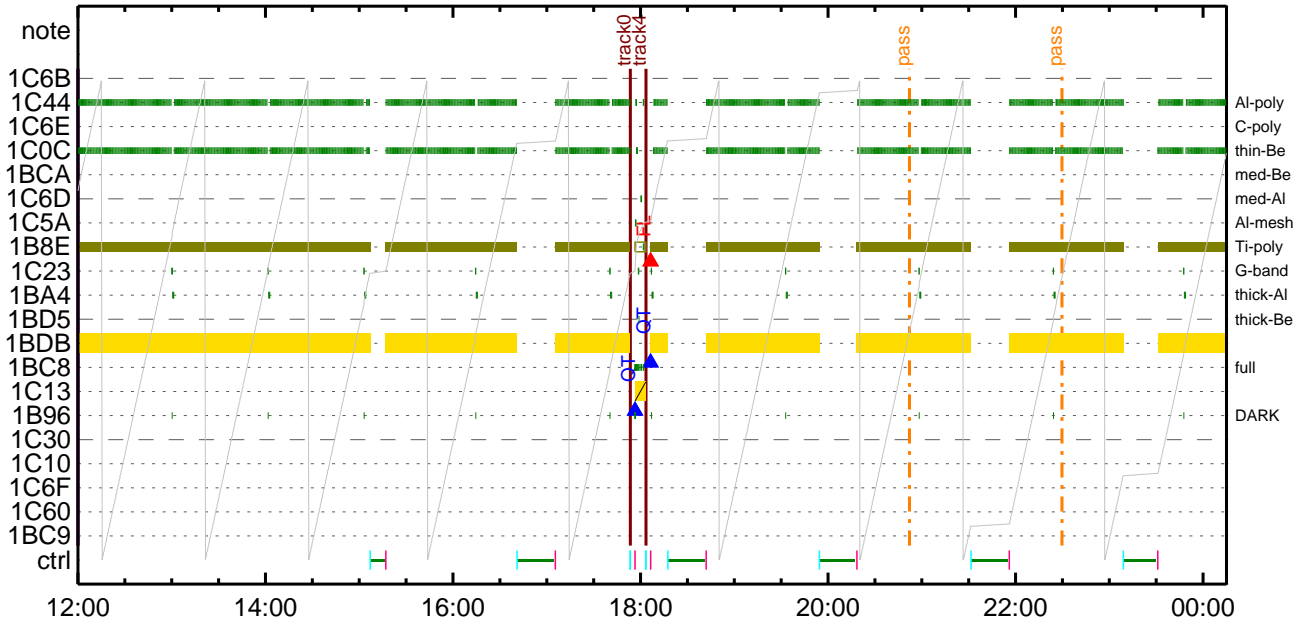
CMDI #0673 2020/01/01



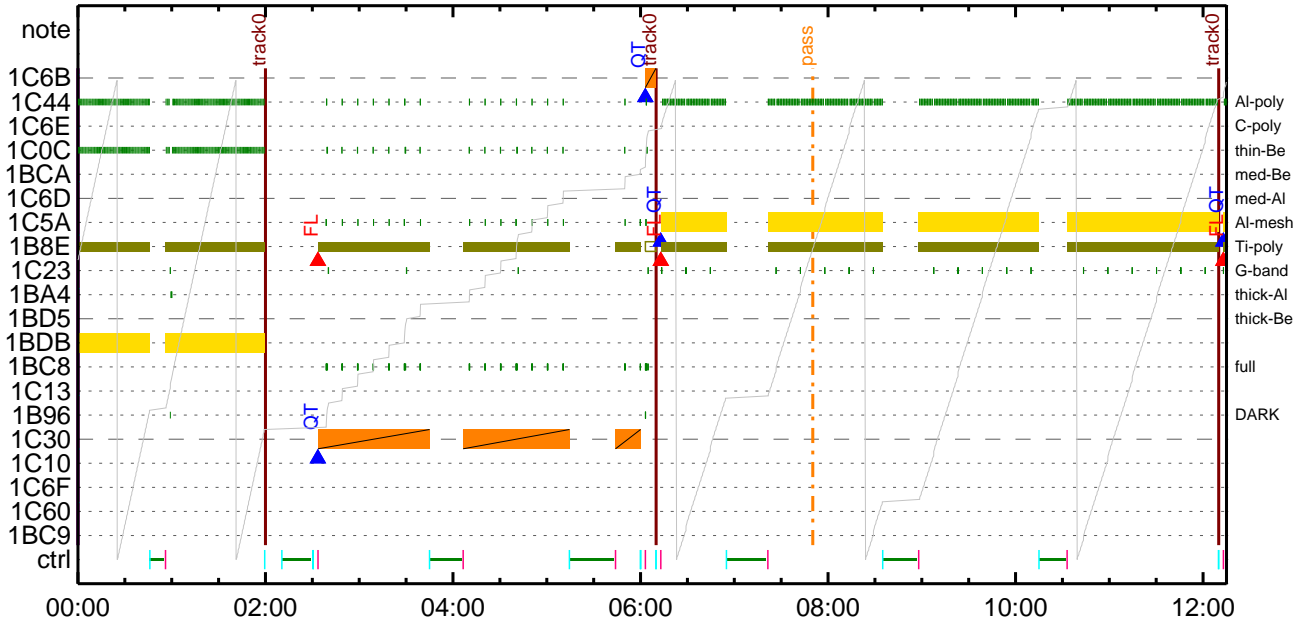
CMDI #0673 2020/01/02



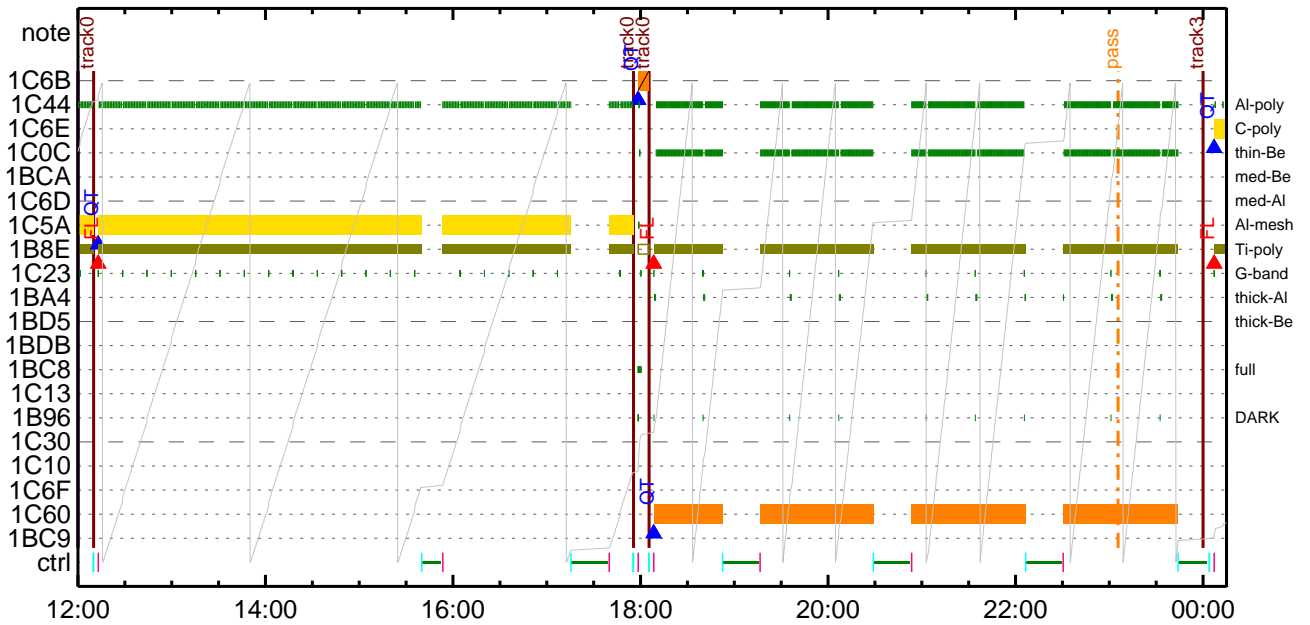
CMDI #0673 2020/01/02



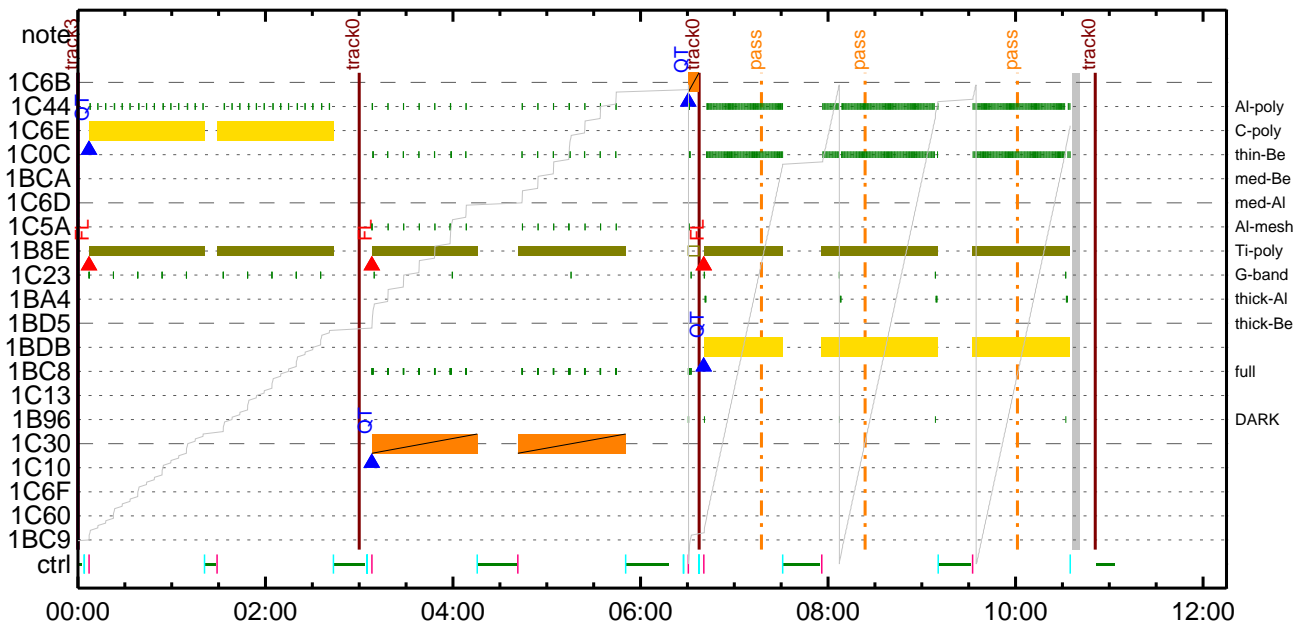
CMDI #0673 2020/01/03



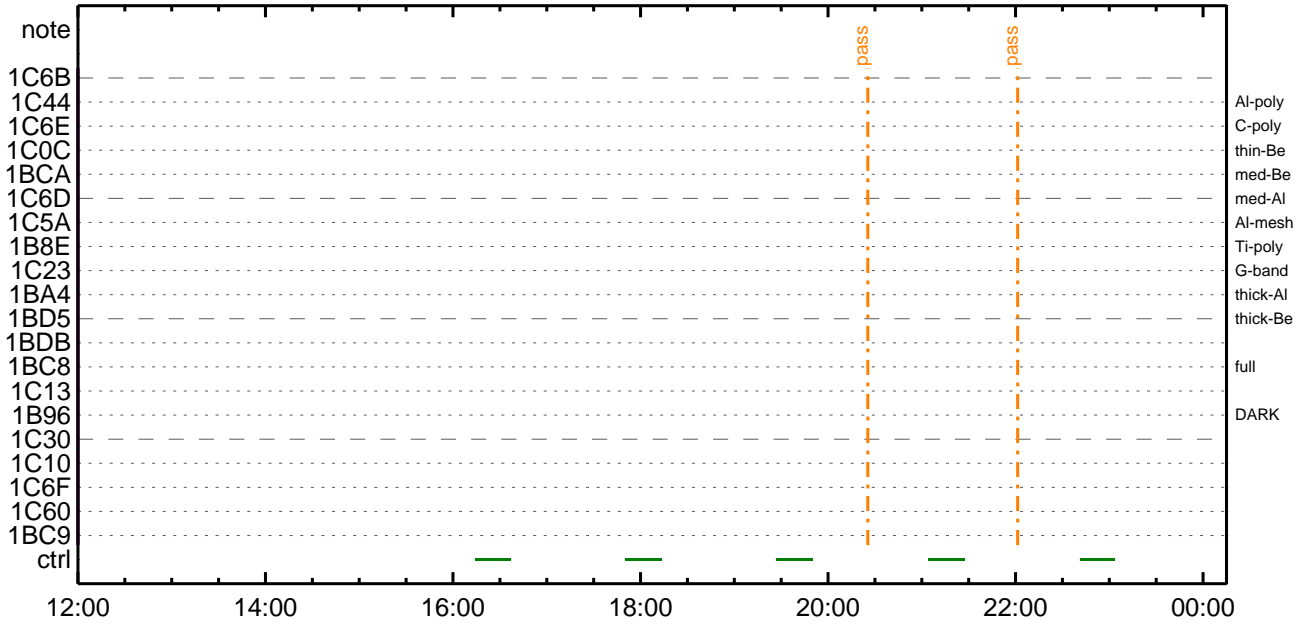
CMDI #0673 2020/01/03



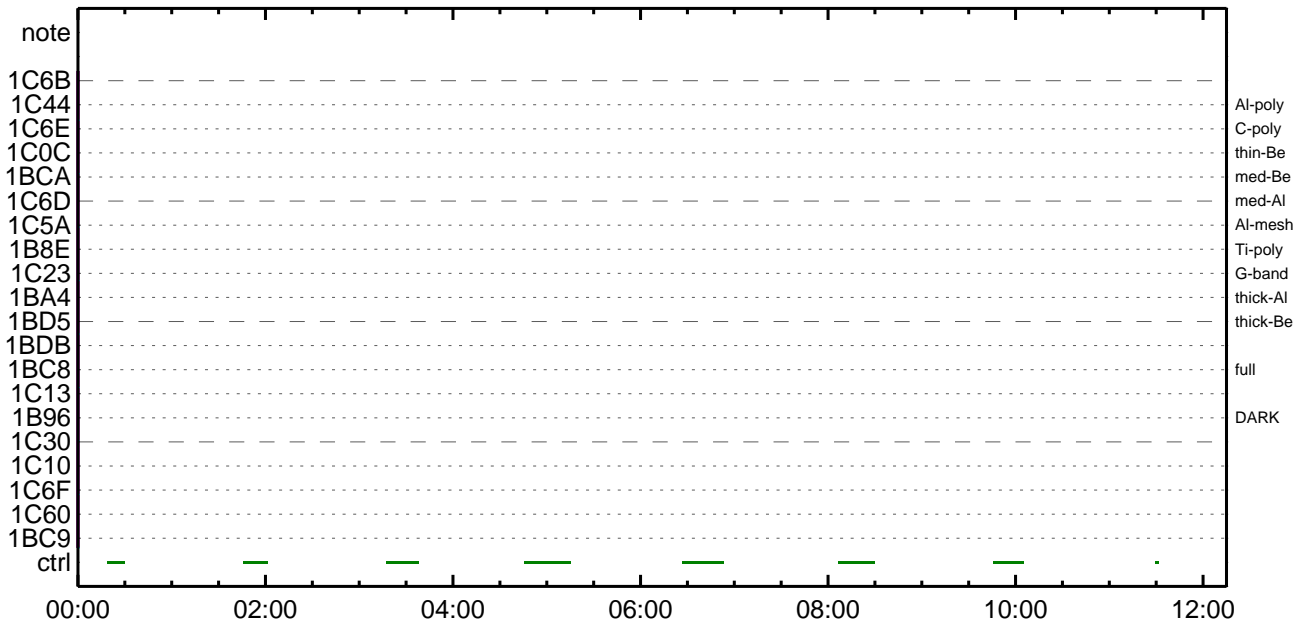
CMDI #0673 2020/01/04



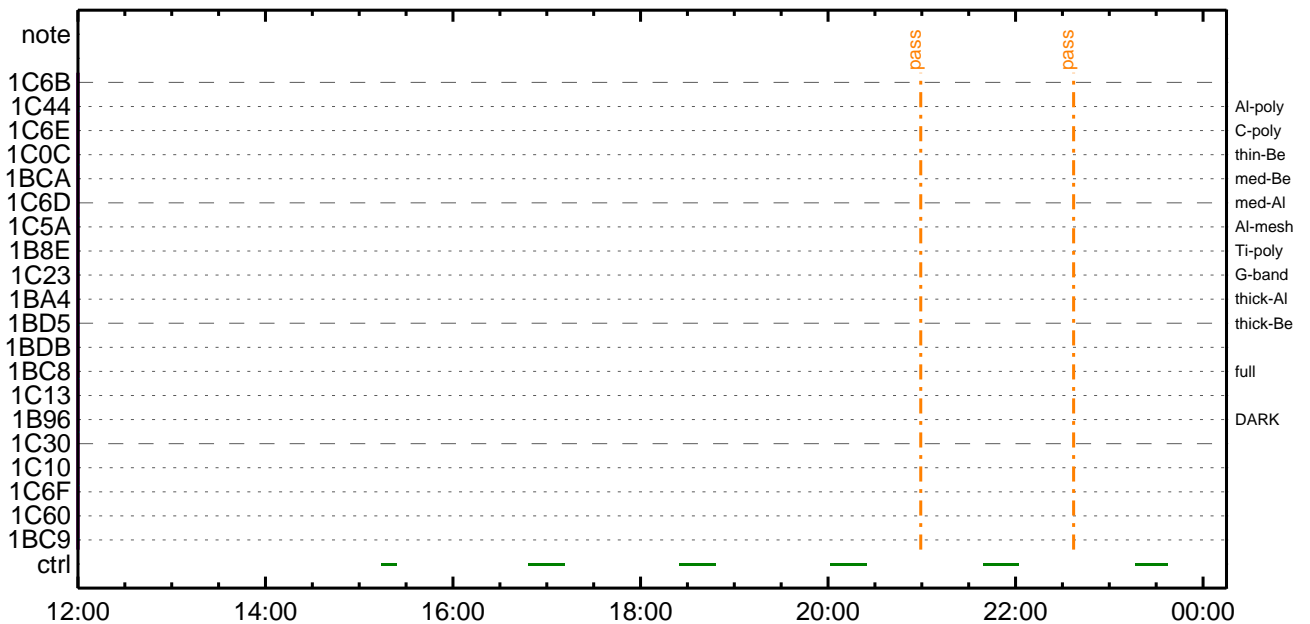
CMDI #0673 2020/01/04



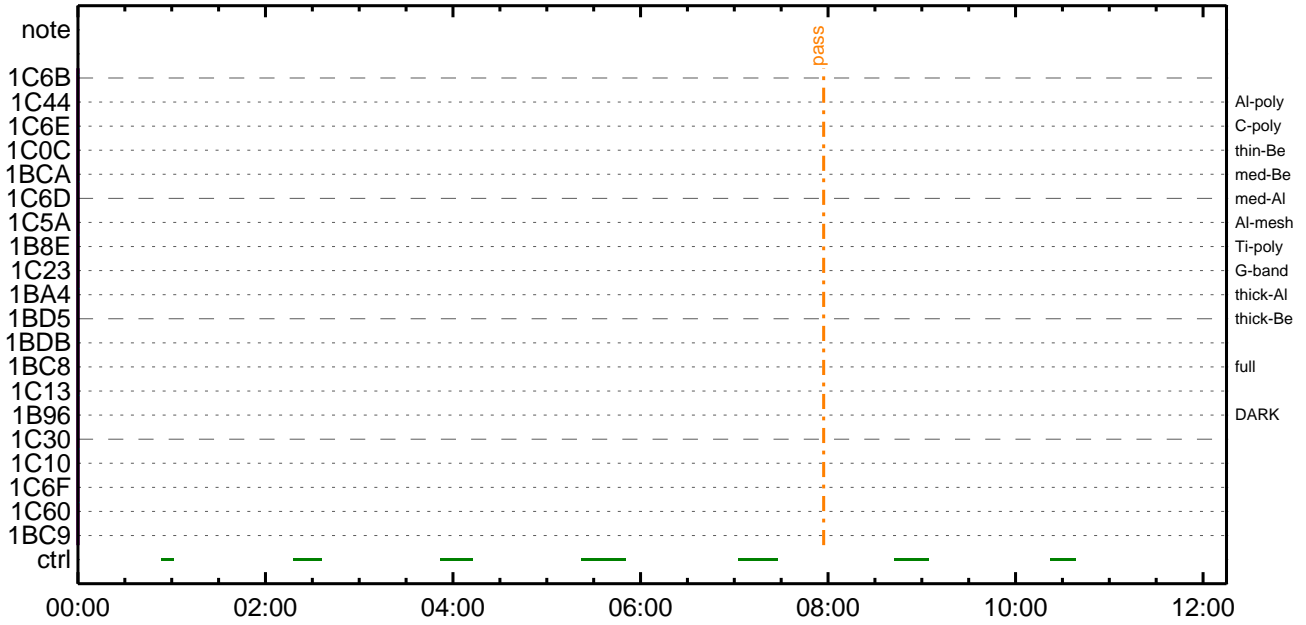
CMDI #0673 2020/01/05



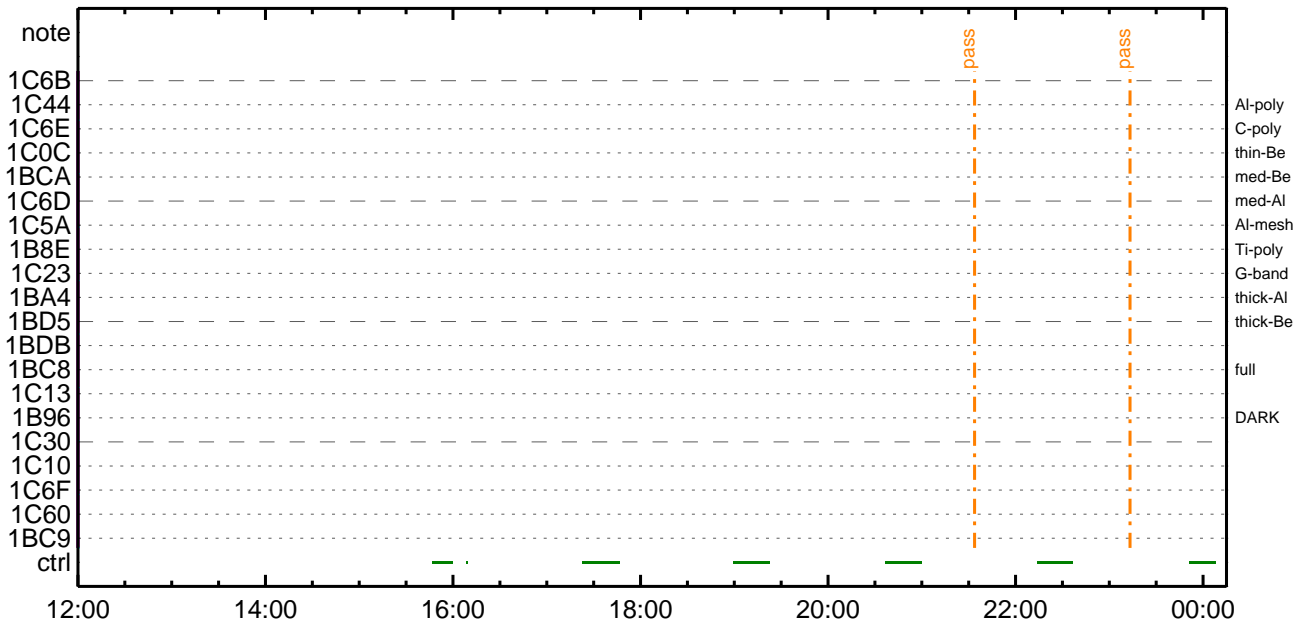
CMDI #0673 2020/01/05



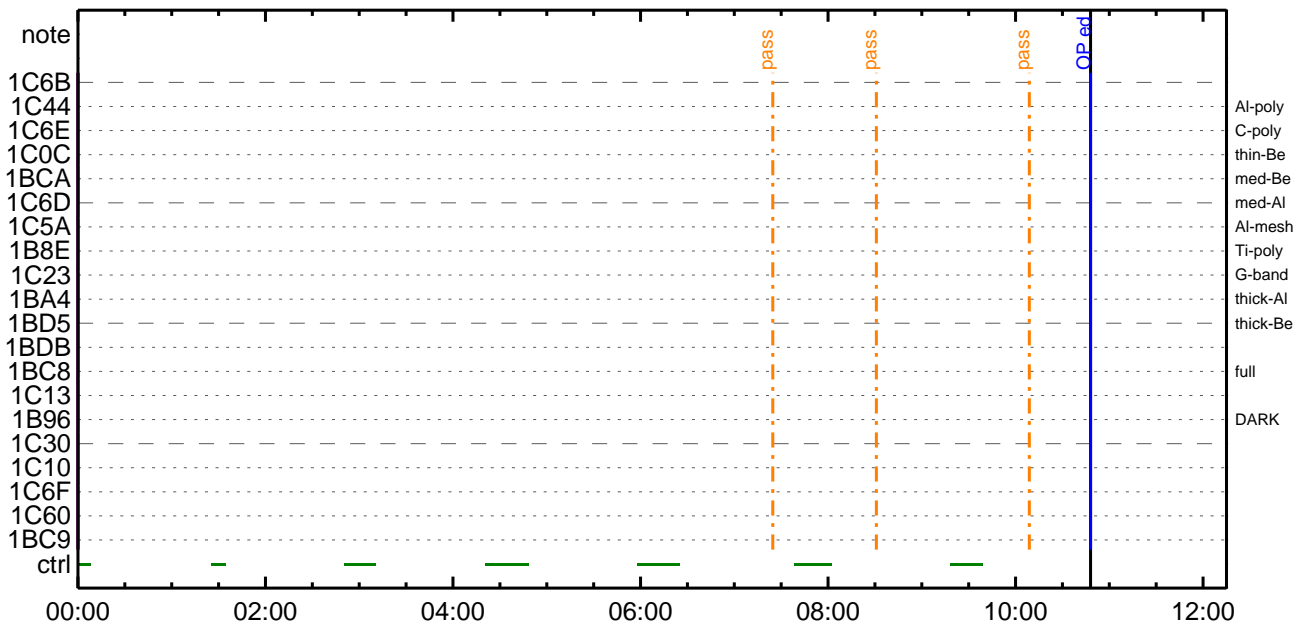
CMDI #0673 2020/01/06



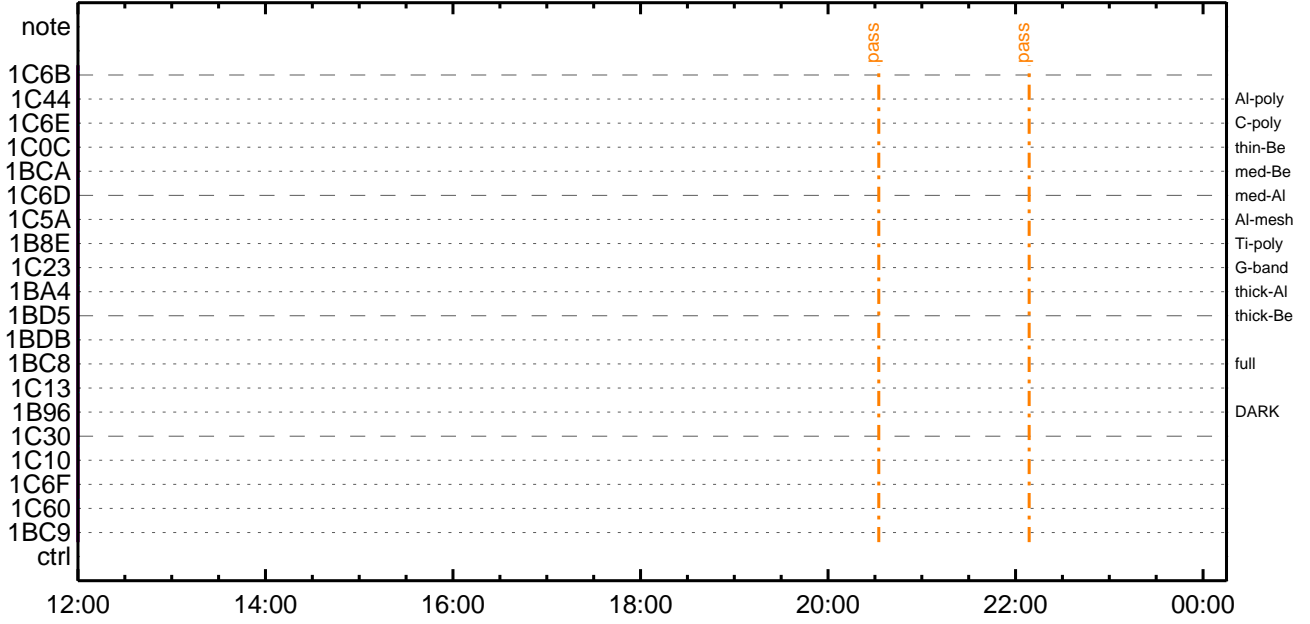
CMDI #0673 2020/01/06



CMDI #0673 2020/01/07



CMDI #0673 2020/01/07




```
0096 C.                 0300; 0SET0EDUMP01A0iYNY10C100|030E;E
0097 C.
0098 . C. TIY3YBYOYED0dADi0(UT)
0099 +. TI 2019-12-28 10:52:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                 00[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0102 C.
0103 +. TI 2019-12-28 10:52:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                 00[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0106 C.
0107 +. TI 2019-12-28 10:52:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                 00[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0110 C.
0111 +. TI 2019-12-28 10:56:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                 00[HK1_TI_CMD_NUM]           EQ       1COUNTUP
0114 C.
0115 C. 0E2%0IAE%iIN0iYAYsYAY-1a0U
0116 C.                 00[HK1_TI_CMD_ENA/DIS]         EQ       ENA
0117 C.                 00[HK1_TI_CMD_NUM]           EQ       4
0118 C.                 00[HK1_NEXT_EXEC_PIM]         EQ       DHU
0119 C.                 00[HK1_NEXT_EXEC_DC]          EQ       0xB3
0120 C.
0121 . C. *****
0122 C. TIi0eYAYOYx
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;S 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.                 00[HK1_DMP_TOP_ADRS_1]         EQ       07
0129 C.                 00[HK1_DMP_TOP_ADRS_0]         EQ       2B
0130 C.                 00[HK1_DMP_BLOCK_NUM]          EQ       3
0131 C.                 00[HK1_DMP_REPEAT_NUM]         EQ       0
0132 C.                 00[HK1_DMA_DMP_PIM]           EQ       DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                 00[HK1_PKT_FORM_NO]           EQ       7
0136 C.                 00[HK1_PKT_GEN_TIME]           EQ       0.25 s
0137 C.                 00[HK1_S_TLM_BIT_RATE]         EQ       32k
0138 C.                 00[HK1_X_TLM_BIT_RATE]         EQ       4M
0139 C.                 00[HK1_DMP_CHK_FLG]           EQ       EXEC
0140 C.
0141 . C. YAYOYx%aI»0d0i0S
0142 C.                 00[HK1_DMP_CHK_FLG]           EQ       NON
0143 C.
0144 . C. RAM ID=TI_TBL0I%E10.e2IOK0d0i0S
0145 C.
0146 . C. DHUYa;Y%E;E%Y%,Yi;Y%E;E0d0i0a1
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                 00[HK1_PKT_FORM_NO]           EQ       2
0150 C.                 00[HK1_PKT_GEN_TIME]           EQ       0.5S
0151 C.                 00[HK1_S_TLM_BIT_RATE]         EQ       32K
0152 C.                 00[HK1_X_TLM_BIT_RATE]         EQ       4M
0153 C.
0154 C. *****
0155 C. SOT TI command set
0156 C. *****
0157 C. Execute, after the success of OP upload.
0158 +. TI 2019-12-28 10:56:16.0
0159 DC 07-F0 MDP_SOT_MODE_STBY
0160 BC (41)
0161 . C. -----
0162 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0163 C. -----
0164 C. ***** SOT END *****
0165 . C. Stop EIS observation and temporarily disable EIS mode changes
0166 C.
0167 C.
0168 C. ***** Start EIS operation (TI set) *****
0169 C. Execute, after the success of OP upload.
0170 C. Set EIS TI-commands
0171 +. TI 2019-12-28 10:56:30.0
0172 DC 07-FC EIS_MODE_MANU
0173 BC (21 02)
0174 +. TI 2019-12-28 10:56:40.0
0175 DC 07-FC EIS_MODE_CHG_DIS
0176 BC (22)
0177 . C. [ ] [HK1_TI_CMD_NUM] EQ 2 COUNTUP
0178 C. ***** End EIS operation (TI set) *****
0179 C.
0180 C.
0181 C.
0182 C. ***** XRT START *****
0183 C. Execute, after the success of OP upload.
0184 +. TI 2019-12-28 10:56:00.0
0185 DC 07-F0 MDP_XRT_MODE_STBY
0186 BC (c3)
0187 . C. [ ] [HK1_TI_CMD_NUM] EQ 1COUNTUP
0188 C.
0189 C. ***** XRT END *****
0190 C.
0191 . C. ***** MDP 'uA0i»0Y0EAD010EDCBC.0x2e *****
0192 C. (%a0iYAYEYpYAYAYAY0E%0A»U0a0e)
0193 . S. DC-BC dcbc-402:DCBC
```

```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-530 2019-12-28 12:21:19 85 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿òÁò•µ°È»Í×ÁÇòÍYçYÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;ÈòÈ¼°ÇÒò•ò¿¼í¹çòÍ;çÁ®, ùò¹òÈòòòÇÁ+¿®ò•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. ***** AOCS Commands (Tracking Curve Upload) *****
0015 C. Upload the Orbit Element and the Target Attitude
0016 C. RAM-ID:TARGET_ATT
0017 . S. RAM ram-150:TARGET_ATT
0018 ( )
0019 C.
0020 C.
0021 C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023 BC (07 00 00 00 18 00)
0024 C.
0025 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. 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 0ms
0053 C. *****
0054 C. EIS START OBSTBL LOAD
0055 C. *****
0056 . S. RAM ram-821: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 2019-12-28 10:56:50.0
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 `ûÁîòí»ò¼YòÈÁò¹òÈDCBC•x²è *****
0072 C. (¼á°íYÓYÁYÈYpYÈYáYçYÈòÈ¼°ÇÒò•ò¿¼í¹çòÍ;çÁ»Ûò¹òÈ)
0073 . S. DC-BC dcbc-402:DCBC
0074 (MDP_known_event)
0075 C.
0076 C.
0077 . C. ***** YDÿ¹.Ï Daily±¿íÑòÈ`Øò¹òÈDCBC•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.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-531 2019-12-28 12:21:19 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÁ•µ°È»Í×ÁÇ¿íYçYÁY×Yí;¼YÉ;ÈÈè%µ•ííÉ;ÈÈÈ¼°ÇÓã•¿¿¼l¹ç¿í;çÁ®, ù¿¹ãÈãÈãçÁ+¿®ã•¿Èãã¿ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-288:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2019-12-28 10:56:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 80 80 08 08)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 80 80 20 20)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 85 83 06 06)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 85 83 08 08)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 80 20 08)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 80 80 08 20)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 + DC 07-F0 MDP_XRT_FLD_ENA
0091 BC (d8)
0092 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0093 BC (c8)
0094 + DC 07-F0 MDP_XRT_ARS_DIS
0095 BC (d5)
```

```
0096 + DC 07-F0 MDP_XRT_AEC_RESET
0097 BC (d0)
0098 + DC 07-F0 MDP_XRT_FLD_RESET
0099 BC (da)
0100 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0101 BC (c4 06)
0102 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0103 BC (c5 0d)
0104 . C. ----- Success Verify ? OK / NG ____
0105 C.
0106 C.
0107 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0108 C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110 BC (c2)
0111 +. TI 2019-12-28 10:56:02.0
0112 DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC (c2)
0114 . C. ----- Success Verify ? OK / NG ____
0115 C.
0116 C. ***** XRT END *****
0117 C.
0118 . C. ***** MDP `ûÃîñî»ö¼ÿñÊÃðñ¹ñèDCBC•x²è *****
0119 C. (¼ã°îÿÓÿÃÿËÿÏÿËÿÃÿÿÿçÿèñÿ¼ññ¼Ã»Ûñ¹ñè)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 C.
0123 C.
0124 . C. ***** ÿDÿ¹•Ï Daily±;îññË'øñ¹ñèDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 C.
0128 C.
0129 . C. ;ãLOSÿÃÿSÿÿÿÿ¼Ã»Û;ã
0130 C.
0131 . C. ***** LOS *****
0132 C.
```


*** OP Sequence for XRT ***

2019/12/28	11:06:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	11:06:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	11:06:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/12/28	11:07:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	04 03 74 01 f3			
2019/12/28	11:07:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/12/28	11:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/12/28	11:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/12/28	11:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/12/28	11:07:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/12/28	11:09:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09			
2019/12/28	11:09:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/12/28	11:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/12/28	15:26:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	15:26:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/12/28	15:26:04.0	XRT_PREFLR_STRT_414_OG [0x19e]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/12/28	15:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/12/28	15:37:30.0	XRT_Custom_430_OG [0x1ae]						
2019/12/28	15:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/12/28	17:01:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	17:01:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/12/28	17:01:04.0	XRT_PREFLR_STRT_414_OG [0x19e]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/12/28	17:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/12/28	17:24:30.0	XRT_Custom_430_OG [0x1ae]						
2019/12/28	17:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/12/28	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2019/12/28	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2019/12/28	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/12/28	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/12/28	18:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/12/28	18:02:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14			
2019/12/28	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/12/28	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2019/12/28	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	04 03 74 01 f3			
2019/12/28	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2019/12/28	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2019/12/28	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2019/12/28	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/12/28	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2019/12/28	18:12:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09			
2019/12/28	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2019/12/28	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/12/28	18:37:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/12/28	18:37:32.0	XRT_FLD_RESET_415_OG [0x19f]						

2019/12/28	18:37:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/28	18:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/28	19:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/28	19:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/28	20:14:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/28	20:14:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/28	20:14:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/28	20:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/28	20:38:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/28	20:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/28	21:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/28	21:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/28	21:52:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/28	21:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/28	22:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/28	22:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/28	23:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/28	23:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/28	23:29:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/28	23:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/28	23:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/28	23:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/29	01:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/29	01:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/29	01:06:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/29	01:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/29	01:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/29	01:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/29	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/29	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/29	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/29	02:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/29	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 00 00 00 00
2019/12/29	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/29	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/29	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/29	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/29	02:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/29	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2019/12/29	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/29	02:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/29	02:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/29	02:29:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/29	02:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/29	02:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/29	02:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/29	04:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/29	04:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/29	04:05:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/29			MDP_XRT_PREFLR_STRT	1	07-F0	e8

2019/12/29	04:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/29	04:26:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/29	04:27:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/29	05:35:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	05:35:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/29	05:35:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/29	05:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/29	06:12:30.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	06:12:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	06:12:34.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/29	06:12:54.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/12/29	06:12:56.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/12/29	06:12:58.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/29	06:15:34.0	XRT_QT_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2019/12/29	06:15:36.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/29	06:22:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	06:22:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	06:22:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/12/29	06:22:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 03 74 01 f3				
2019/12/29	06:22:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/29	06:22:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/29	06:22:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/29	06:22:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/29	06:22:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/29	06:25:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2019/12/29	06:25:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/29	06:25:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/29	07:15:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	07:15:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/29	07:15:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/29	07:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/29	07:40:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/29	07:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/29	08:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	08:55:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/29	08:55:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/29	08:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/29	09:17:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/29	09:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/29	10:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	10:36:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/29	10:36:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/29	10:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/29	10:50:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/29	10:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/29	15:59:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/29	15:59:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/29	15:59:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/29	16:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

2019/12/29	16:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/12/29	16:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2019/12/29	17:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/12/29	17:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	17:35:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/12/29	17:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/12/29	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/12/29	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2019/12/29	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2019/12/29	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2019/12/29	18:00:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2019/12/29	18:02:58.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/12/29	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14	
2019/12/29	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/12/29	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2019/12/29	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 03 74 01 f3	
2019/12/29	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2019/12/29	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2019/12/29	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2019/12/29	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2019/12/29	18:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/12/29	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2019/12/29	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2019/12/29	19:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/12/29	19:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	19:12:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/12/29	19:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/12/29	19:36:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/12/29	19:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2019/12/29	20:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/12/29	20:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	20:49:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/12/29	20:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/12/29	21:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/12/29	21:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2019/12/29	22:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/12/29	22:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/29	22:26:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/12/29	22:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2019/12/29	22:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2019/12/29	22:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2019/12/30	00:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2019/12/30	00:04:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2019/12/30	00:04:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2019/12/30	00:04:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	

2019/12/30	00:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	00:18:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	00:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	01:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	01:34:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	01:34:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	01:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/30	02:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2019/12/30	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/30	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/30	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/30	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/30	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	02:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2019/12/30	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/30	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	03:03:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	03:03:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	03:03:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	03:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	03:23:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	03:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	04:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	04:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	04:31:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	04:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	05:00:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	05:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	05:44:30.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	05:44:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	05:44:34.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/30	05:44:54.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/12/30	05:44:56.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/12/30	05:44:58.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/30	05:47:34.0	XRT_QT_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2019/12/30	05:47:36.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	05:54:28.0	XRT_FOCUS_RECALIBRATE_403_OG [0x193]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2019/12/30	05:54:30.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	01 03 74 01 f3				
2019/12/30	05:58:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/12/30	05:58:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/30	05:58:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/30	05:58:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/30	05:58:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

2019/12/30	05:58:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	06:01:26.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2019/12/30	06:01:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/12/30	06:01:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	06:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	06:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	06:11:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	06:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	06:38:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	06:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	07:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	07:51:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	07:51:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	07:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	08:15:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	08:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	08:54:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	08:54:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	08:54:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/12/30	08:54:30.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	02	03	74	01	f3
2019/12/30	08:54:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/30	08:54:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/30	08:54:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/30	08:54:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/30	08:54:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	08:57:26.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2019/12/30	08:57:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/12/30	08:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	09:31:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	09:31:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	09:31:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	09:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	09:51:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	09:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	11:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	11:13:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	11:13:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	11:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	11:20:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	11:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	11:54:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	11:54:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	11:54:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/12/30	11:54:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	03	74	01	f3
2019/12/30	11:54:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/30	11:54:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/30	11:54:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/30	11:54:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/30	11:54:56.0	XRT_FLD_RESET_434_OG [0x1b2]							

Dec 28, 19 12:21

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Page 7/24

2019/12/30	11:57:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2019/12/30	11:57:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/12/30	11:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	15:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	15:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	15:00:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	15:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	15:08:00.0	XRT_Custom_430_OG [0x1ae]								
2019/12/30	15:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	16:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	16:33:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	16:33:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	16:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	16:57:00.0	XRT_Custom_430_OG [0x1ae]								
2019/12/30	16:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	17:46:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	17:46:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	17:46:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2019/12/30	17:46:30.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00	00	00	00
2019/12/30	17:46:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/12/30	17:46:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/12/30	17:46:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/30	17:49:28.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07			
2019/12/30	17:49:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	17:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	17:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	17:56:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/12/30	17:56:30.0	AOCS_Ore-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	03	74	01	f3
2019/12/30	17:56:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/30	17:56:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/30	17:56:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/30	17:56:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/30	17:56:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	17:59:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2019/12/30	17:59:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/12/30	17:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	18:10:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	18:10:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	18:10:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	18:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	18:34:00.0	XRT_Custom_430_OG [0x1ae]								
2019/12/30	18:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	19:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	19:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	19:47:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	19:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	20:10:30.0	XRT_Custom_430_OG [0x1ae]								
2019/12/30	20:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				

2019/12/30	21:24:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	21:24:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	21:24:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	21:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	21:47:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	21:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/30	23:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/30	23:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/30	23:01:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/30	23:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/30	23:23:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/30	23:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	00:39:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	00:39:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	00:39:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	00:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	00:48:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/31	00:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	01:59:30.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2019/12/31	02:04:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	02:04:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	02:04:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	02:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	02:23:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	02:23:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	02:23:04.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/31	02:23:24.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	02:23:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	02:23:28.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	02:23:30.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	02:23:32.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	02:26:02.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2019/12/31	02:26:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	02:26:06.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	03:37:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	03:37:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	03:37:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	03:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	03:58:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/31	03:59:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	05:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	05:07:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	05:07:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	05:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	05:35:30.0	XRT_Custom_430_OG [0x1ae]							
2019/12/31	05:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	06:00:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	06:00:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2019/12/31	06:00:04.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2019/12/31	06:00:24.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/12/31	06:00:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/12/31	06:00:28.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	06:03:04.0	XRT_QT_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2019/12/31	06:03:06.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2019/12/31	06:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	03	74	01	f3
2019/12/31	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	06:12:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2019/12/31	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/12/31	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	06:47:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	06:47:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	06:47:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	06:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	07:13:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/31	07:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	08:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	08:27:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	08:27:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	08:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	08:50:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/31	08:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	10:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	10:07:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	10:07:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	10:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	10:30:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	10:30:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	10:30:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2019/12/31	10:31:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	00	00	ac	cd
2019/12/31	10:31:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	10:31:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	10:31:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	10:31:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	10:31:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	10:33:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2019/12/31	10:33:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2019/12/31	10:34:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	10:46:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	10:46:56.0	XRT_CTRL_MANU_402_OG [0x192]							

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 10/24

2019/12/31	10:46:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
		XRT_FOCUS_POSITION		4	07-F8	22 ff aa 00
2019/12/31	10:47:00.0	AOCS_OrE-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 00 00 d6 67
2019/12/31	10:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	10:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	10:47:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	10:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	10:47:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	10:49:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/12/31	10:49:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/31	10:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	11:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:02:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:02:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	11:03:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2019/12/31	11:03:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2019/12/31	11:03:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/12/31	11:03:22.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	11:05:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2019/12/31	11:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	11:18:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:18:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:18:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	11:19:00.0	AOCS_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 00 00 29 99
2019/12/31	11:19:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	11:19:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	11:19:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	11:19:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	11:19:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	11:21:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/12/31	11:21:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/31	11:22:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	11:34:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:34:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	11:35:00.0	AOCS_OrE-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 00 00 53 33
2019/12/31	11:35:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	11:35:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	11:35:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	11:35:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	11:35:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	11:37:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/12/31	11:37:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/31	11:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	11:50:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:50:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	11:50:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 11/24

2019/12/31	11:51:00.0	AOCS_OrE-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00 d6 36 b7 8e				
2019/12/31	11:51:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	11:51:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	11:51:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	11:51:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	11:51:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	11:53:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2019/12/31	11:53:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	11:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	12:00:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	12:00:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	12:00:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/31	12:01:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00 b4 b5 db 75				
2019/12/31	12:01:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	12:01:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	12:01:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	12:01:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	12:01:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	12:03:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2019/12/31	12:03:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	12:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	12:16:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	12:16:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	12:16:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/31	12:17:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00 ac 5b 00 00				
2019/12/31	12:17:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	12:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	12:17:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	12:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	12:17:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	12:19:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2019/12/31	12:19:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	12:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	12:32:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	12:32:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	12:32:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/31	12:33:00.0	AOCS_OrE-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 b4 b5 24 8b				
2019/12/31	12:33:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	12:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	12:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	12:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	12:33:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	12:35:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2019/12/31	12:35:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	12:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	12:48:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	12:48:56.0	XRT_CTRL_MANU_402_OG [0x192]							

2019/12/31	12:48:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	12:49:00.0	AOCs_OrE-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	12:49:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 d6 36 48 72
2019/12/31	12:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	12:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	12:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	12:49:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	12:51:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	12:51:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/12/31	12:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/31	12:58:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	12:58:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	12:58:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	12:59:00.0	AOCs_OrE-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	12:59:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 29 ca b7 8e
2019/12/31	12:59:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	12:59:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	12:59:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	12:59:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	13:01:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	13:01:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/12/31	13:02:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/31	13:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	13:08:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	13:08:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	13:09:00.0	AOCs_OrE-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	13:09:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 4b 4b db 75
2019/12/31	13:09:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	13:09:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	13:09:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	13:09:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	13:11:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	13:11:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/12/31	13:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/31	13:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	13:24:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	13:24:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	13:25:00.0	AOCs_OrE-point_Start_16_OG [0x0a6]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	13:25:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 53 a5 00 00
2019/12/31	13:25:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	13:25:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	13:25:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	13:25:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	13:27:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	13:27:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/12/31	13:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
			MDP_XRT_CTRL_AUTO	1	07-F0	c0

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 13/24

2019/12/31	13:40:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	13:40:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	13:40:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/31	13:41:00.0	AOCS_OrE-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00 4b 4b 24 8b				
2019/12/31	13:41:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	13:41:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	13:41:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	13:41:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	13:41:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	13:43:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2019/12/31	13:43:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	13:44:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	13:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	13:56:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	13:56:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/12/31	13:57:00.0	AOCS_OrE-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00 29 db 48 72				
2019/12/31	13:57:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	13:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	13:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	13:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	13:57:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	13:59:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2019/12/31	13:59:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	14:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	14:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	14:06:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	14:06:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2019/12/31	14:07:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 03 74 01 f3				
2019/12/31	14:07:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/12/31	14:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/12/31	14:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/12/31	14:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/12/31	14:07:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	14:09:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2019/12/31	14:09:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/12/31	14:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	15:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	15:33:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	15:33:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	15:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	15:45:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/31	15:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/12/31	17:08:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/12/31	17:08:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/12/31	17:08:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/12/31	17:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/12/31	17:32:00.0	XRT_Custom_430_OG [0x1ae]							
2019/12/31	17:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 14/24

2019/12/31	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	18:02:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	18:02:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/12/31	18:02:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2019/12/31	18:02:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2019/12/31	18:02:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/12/31	18:02:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	18:05:28.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2019/12/31	18:05:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	18:12:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	18:12:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	18:12:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/12/31	18:12:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 03 74 01 f3
2019/12/31	18:12:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/12/31	18:12:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/12/31	18:12:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/12/31	18:12:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/12/31	18:12:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	18:15:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2019/12/31	18:15:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/12/31	18:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	18:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	18:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	18:45:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/31	18:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/31	19:08:30.5	XRT_Custom_430_OG [0x1ae]				
2019/12/31	19:09:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	20:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	20:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	20:22:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/31	20:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/31	20:45:30.0	XRT_Custom_430_OG [0x1ae]				
2019/12/31	20:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	21:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	21:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	21:59:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/31	22:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/31	22:22:00.0	XRT_Custom_430_OG [0x1ae]				
2019/12/31	22:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/12/31	23:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/12/31	23:36:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/12/31	23:36:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/12/31	23:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/12/31	23:56:30.0	XRT_Custom_430_OG [0x1ae]				
2019/12/31	23:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/01	01:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/01	01:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2020/01/01	01:13:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 15/24

2020/01/01	01:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/01	01:20:30.5	XRT_Custom_430_OG [0x1ae]							
2020/01/01	01:21:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/01	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2020/01/01	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2020/01/01	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/01/01	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/01/01	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/01/01	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/01/01	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/01	02:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2020/01/01	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2020/01/01	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/01	02:36:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	02:36:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/01	02:36:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/01	02:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/01	02:56:00.0	XRT_Custom_430_OG [0x1ae]							
2020/01/01	02:57:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/01	04:10:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	04:10:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/01	04:10:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/01	04:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/01	04:33:00.0	XRT_Custom_430_OG [0x1ae]							
2020/01/01	04:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/01	05:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	05:43:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/01	05:43:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/01	05:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/01	06:20:00.5	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	06:20:02.5	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	06:20:04.5	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2020/01/01	06:20:24.5	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2020/01/01	06:20:26.5	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2020/01/01	06:20:28.5	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/01/01	06:23:04.5	XRT_QT_PROG_SET_445_OG [0x1bd]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14				
2020/01/01	06:23:06.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/01	06:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	06:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/01	06:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/01/01	06:30:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 03 74 01 f3				
2020/01/01	06:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/01/01	06:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/01/01	06:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/01/01	06:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/01/01	06:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

2020/01/01	06:32:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2020/01/01	06:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/01/01	06:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/01	07:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	07:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/01	07:23:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/01	07:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/01	07:48:00.0	XRT_Custom_430_OG [0x1ae]					
2020/01/01	07:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/01	09:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	09:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/01	09:03:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/01	09:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/01	09:24:30.0	XRT_Custom_430_OG [0x1ae]					
2020/01/01	09:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/01	10:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	10:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/01	10:43:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/01	10:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/01	10:57:00.0	XRT_Custom_430_OG [0x1ae]					
2020/01/01	10:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/01	16:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	16:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/01	16:06:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/01	16:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/01	16:30:00.0	XRT_Custom_430_OG [0x1ae]					
2020/01/01	16:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/01	17:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	17:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/01	17:42:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/01	17:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/01	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	18:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	18:06:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2020/01/01	18:06:30.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00	00 00 00 00
2020/01/01	18:06:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/01/01	18:06:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/01/01	18:06:52.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/01/01	18:09:28.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14
2020/01/01	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/01	18:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	18:16:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/01	18:16:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2020/01/01	18:16:30.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04	03 74 01 f3
2020/01/01	18:16:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/01/01	18:16:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/01/01	18:16:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/01/01	18:16:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/01/01	18:16:56.0	XRT_FLD_RESET_434_OG [0x1b2]					

2020/01/01	18:19:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/01	18:19:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09	
2020/01/01	18:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2020/01/01	19:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/01/01	19:19:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/01/01	19:19:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/01	19:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/01/01	19:43:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/01/01	19:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2020/01/01	20:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2020/01/01	20:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/01/01	20:56:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/01/01	20:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/01	21:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/01/01	21:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/01/01	22:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2020/01/01	22:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/01/01	22:34:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/01/01	22:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/01	22:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/01/01	22:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/01/02	00:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_Custom_430_OG [0x1ae]					
2020/01/02	00:11:32.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2020/01/02	00:11:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/01/02	00:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/01/02	00:24:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/02	00:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/01/02	01:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/01/02	01:39:32.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_424_OG [0x1a8]					
2020/01/02	01:39:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/01/02	01:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/01/02	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/02	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2020/01/02	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2020/01/02	02:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2020/01/02	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	00 00 00 00	
2020/01/02	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FLD_ENA_411_OG [0x19b]					
2020/01/02	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2020/01/02	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2020/01/02	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2020/01/02	02:02:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2020/01/02	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/02	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2020/01/02	03:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2020/01/02	03:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_CTRL_AUTO_408_OG [0x198]					
2020/01/02	03:10:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2020/01/02	03:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2020/01/02	03:31:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FLD_RESET	1	07-F0	da		
2020/01/02	03:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
			MDP_XRT_PREFLR_STOP	1	07-F0	e9		

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 18/24

2020/01/02	04:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	04:38:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	da			
			MDP_XRT_FLD_RESET	1	07-F0	da			
2020/01/02	04:38:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2020/01/02	04:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/01/02	05:08:00.5	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]						
2020/01/02	05:09:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/01/02	05:52:00.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	05:52:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	05:52:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION_406_OG [0x196]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2020/01/02	05:52:24.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FLD_DIS_409_OG [0x199]						
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2020/01/02	05:52:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	XRT_FLRCTRL_DIS_413_OG [0x19d]						
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2020/01/02	05:52:28.0	XRT_ARS_DIS_443_OG [0x1bb]	XRT_ARS_DIS_443_OG [0x1bb]						
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/01/02	05:55:04.0	XRT_QT_PROG_SET_445_OG [0x1bd]	XRT_QT_PROG_SET_445_OG [0x1bd]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 14			
2020/01/02	05:55:06.0	XRT_CTRL_AUTO_408_OG [0x198]	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/01/02	06:01:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	06:01:56.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	06:01:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION_406_OG [0x196]						
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2020/01/02	06:02:00.0	AOCs_OrE-point_Start_19_OG [0x0a9]	AOCs_OrE-point_Start_19_OG [0x0a9]						
			AOCU_NM	5	02-76	00 00 00 b0 00			
2020/01/02	06:02:18.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2020/01/02	06:02:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2020/01/02	06:02:22.0	XRT_AEC_RESET_448_OG [0x1c0]	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2020/01/02	06:02:24.0	XRT_ARS_DIS_423_OG [0x1a7]	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/01/02	06:02:26.0	XRT_FLD_RESET_434_OG [0x1b2]	XRT_FLD_RESET_434_OG [0x1b2]						
			MDP_XRT_FLD_RESET	1	07-F0	da			
2020/01/02	06:04:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	XRT_QT_PROG_SET_437_OG [0x1b5]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 06			
2020/01/02	06:04:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	XRT_FL_PROG_SET_440_OG [0x1b8]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2020/01/02	06:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]	XRT_CTRL_AUTO_408_OG [0x198]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/01/02	06:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	06:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da			
2020/01/02	06:19:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	XRT_PREFLR_STRT_414_OG [0x19e]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2020/01/02	06:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/01/02	06:45:30.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]						
2020/01/02	06:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_CTRL_AUTO_424_OG [0x1a8]						
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2020/01/02	07:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_MANU_400_OG [0x190]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	07:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	XRT_FLD_RESET_415_OG [0x19f]						
			MDP_XRT_FLD_RESET	1	07-F0	da			
2020/01/02	07:59:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	XRT_PREFLR_STRT_414_OG [0x19e]						
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2020/01/02	08:02:00.0	AOCs_OrE-point_Start_1_OG [0x097]	AOCs_OrE-point_Start_1_OG [0x097]						
			AOCU_NM	5	02-76	04 03 74 01 f3			
2020/01/02	08:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	XRT_PREFLR_STOP_419_OG [0x1a3]						
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2020/01/02	08:24:00.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	08:24:02.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_MANU_402_OG [0x192]						
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2020/01/02	08:24:04.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION_410_OG [0x19a]						
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2020/01/02	08:24:24.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FLD_ENA_411_OG [0x19b]						
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2020/01/02	08:24:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FLRCTRL_ENA_412_OG [0x19c]						
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2020/01/02	08:24:28.0	XRT_AEC_RESET_448_OG [0x1c0]	XRT_AEC_RESET_448_OG [0x1c0]						
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2020/01/02	08:24:30.0	XRT_ARS_DIS_423_OG [0x1a7]	XRT_ARS_DIS_423_OG [0x1a7]						
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2020/01/02	08:24:32.0	XRT_FLD_RESET_434_OG [0x1b2]	XRT_FLD_RESET_434_OG [0x1b2]						
			MDP_XRT_FLD_RESET	1	07-F0	da			
2020/01/02	08:27:02.0	XRT_QT_PROG_SET_449_OG [0x1c1]	XRT_QT_PROG_SET_449_OG [0x1c1]						
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 09			
2020/01/02	08:27:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]	XRT_FL_PROG_SET_440_OG [0x1b8]						
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 19/24

2020/01/02	08:27:06.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/02	09:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	09:38:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/02	09:38:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/02	09:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/02	09:58:30.0	XRT_Custom_430_OG [0x1ae]							
2020/01/02	09:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/02	11:21:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	11:21:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/02	11:21:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/02	11:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/02	11:26:00.0	XRT_Custom_430_OG [0x1ae]							
2020/01/02	11:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/02	15:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	15:07:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/02	15:07:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/02	15:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/02	15:16:00.0	XRT_Custom_430_OG [0x1ae]							
2020/01/02	15:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/02	16:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	16:41:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/02	16:41:04.0	XRT_PREFLR_STRT_414_OG [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/02	16:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/02	17:04:30.0	XRT_Custom_430_OG [0x1ae]							
2020/01/02	17:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/02	17:53:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	17:53:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	17:53:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2020/01/02	17:53:30.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2020/01/02	17:53:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2020/01/02	17:53:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2020/01/02	17:53:52.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/01/02	17:56:28.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2020/01/02	17:56:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/02	18:03:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	18:03:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	18:03:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/01/02	18:03:30.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 03 74 01 f3				
2020/01/02	18:03:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/01/02	18:03:50.5	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/01/02	18:03:52.5	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/01/02	18:03:54.5	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/01/02	18:03:56.5	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/02	18:06:26.5	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2020/01/02	18:06:28.5	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2020/01/02	18:06:30.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/02	18:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/02	18:17:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/02	18:17:34.0	XRT_PREFLR_STRT_414_OG [0x19e]							

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 20/24

2020/01/02	18:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2020/01/02	18:41:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/02	18:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/02	19:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/02	19:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/02	19:54:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/02	19:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/02	20:17:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/02	20:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/02	21:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/02	21:31:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/02	21:31:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	da	
2020/01/02	21:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2020/01/02	21:55:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/02	21:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/02	23:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/02	23:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/02	23:09:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/02	23:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	da	
2020/01/02	23:30:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/02	23:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/03	00:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/03	00:46:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/03	00:46:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/03	00:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/03	00:55:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/03	00:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/03	01:59:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/03	02:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/03	02:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	AOCU_NM	5	02-76	00 00 00 00 00	
2020/01/03	02:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/03	02:10:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/03	02:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/03	02:30:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/03	02:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/03	02:30:34.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/03	02:30:54.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2020/01/03	02:30:56.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/01/03	02:30:58.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/01/03	02:31:00.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/01/03	02:31:02.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/01/03	02:33:32.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/03	02:33:34.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2020/01/03	02:33:36.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d	
2020/01/03	03:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/03	03:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/03	03:45:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/03	03:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/03	04:05:30.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 21/24

2020/01/03	04:06:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/03	05:14:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	05:14:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/01/03	05:14:34.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/01/03	05:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/01/03	05:43:00.0	XRT_Custom_430_OG [0x1ae]			
2020/01/03	05:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/03	06:00:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	06:00:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	06:00:04.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2020/01/03	06:00:24.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2020/01/03	06:00:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2020/01/03	06:00:28.0	XRT_ARS_DIS_443_OG [0x1bb]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/01/03	06:03:04.0	XRT_QT_PROG_SET_445_OG [0x1bd]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2020/01/03	06:03:06.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/03	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/01/03	06:10:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]			
		AOCU_NM	5	02-76	00 b0 00 00 00
2020/01/03	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2020/01/03	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2020/01/03	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2020/01/03	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2020/01/03	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/01/03	06:12:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2020/01/03	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2020/01/03	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/03	06:55:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	06:55:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/01/03	06:55:04.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/01/03	06:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/01/03	07:20:30.0	XRT_Custom_430_OG [0x1ae]			
2020/01/03	07:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/03	08:35:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	08:35:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/01/03	08:35:04.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/01/03	08:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/01/03	08:57:00.0	XRT_Custom_430_OG [0x1ae]			
2020/01/03	08:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/03	10:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	10:15:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2020/01/03	10:15:04.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2020/01/03	10:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2020/01/03	10:32:00.0	XRT_Custom_430_OG [0x1ae]			
2020/01/03	10:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2020/01/03	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	12:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2020/01/03	12:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2020/01/03	12:10:00.0	AOCS_OrE-point_Start_21_OG [0x0ab]			

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 22/24

2020/01/03	12:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	50	00	00	00
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2020/01/03	12:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2020/01/03	12:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2020/01/03	12:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2020/01/03	12:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/01/03	12:12:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]		2	07-F0	c4	0e			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0e			
2020/01/03	12:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0	c5	0d			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0d			
2020/01/03	12:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/01/03	15:40:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/01/03	15:40:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/01/03	15:40:04.0	XRT_PREFLR_STRT_414_OG [0x19e]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2020/01/03	15:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2020/01/03	15:52:30.0	XRT_Custom_430_OG [0x1ae]								
2020/01/03	15:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/01/03	17:15:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/01/03	17:15:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/01/03	17:15:34.0	XRT_PREFLR_STRT_414_OG [0x19e]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2020/01/03	17:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2020/01/03	17:39:00.0	XRT_Custom_430_OG [0x1ae]								
2020/01/03	17:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/01/03	17:55:24.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/01/03	17:55:26.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/01/03	17:55:28.0	XRT_FOCUS_POSITION_406_OG [0x196]		4	07-F8	22	ff	aa	00	
		XRT_FOCUS_POSITION		4	07-F8	22	ff	aa	00	
2020/01/03	17:55:30.0	AOCs_OrE-point_Start_2_OG [0x098]		5	02-76	00	00	00	00	00
		AOCU_NM		5	02-76	00	00	00	00	00
2020/01/03	17:55:48.0	XRT_FLD_DIS_409_OG [0x199]		1	07-F0	d9				
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2020/01/03	17:55:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2020/01/03	17:55:52.0	XRT_ARS_DIS_443_OG [0x1bb]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2020/01/03	17:58:28.0	XRT_QT_PROG_SET_445_OG [0x1bd]		2	07-F0	c4	14			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	14			
2020/01/03	17:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/01/03	18:05:24.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/01/03	18:05:26.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/01/03	18:05:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2020/01/03	18:05:30.0	AOCs_OrE-point_Start_22_OG [0x0ac]		5	02-76	00	2c	28	b8	e6
		AOCU_NM		5	02-76	00	2c	28	b8	e6
2020/01/03	18:05:48.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2020/01/03	18:05:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2020/01/03	18:05:52.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2020/01/03	18:05:54.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2020/01/03	18:05:56.0	XRT_FLD_RESET_434_OG [0x1b2]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/01/03	18:08:26.0	XRT_QT_PROG_SET_432_OG [0x1b0]		2	07-F0	c4	02			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	02			
2020/01/03	18:08:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]		2	07-F0	c5	0d			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	0d			
2020/01/03	18:08:30.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/01/03	18:52:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2020/01/03	18:52:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2020/01/03	18:52:34.0	XRT_PREFLR_STRT_414_OG [0x19e]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2020/01/03	18:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2020/01/03	19:15:30.0	XRT_Custom_430_OG [0x1ae]								
2020/01/03	19:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2020/01/03	20:29:00.0	XRT_CTRL_MANU_400_OG [0x190]								

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 23/24

2020/01/03	20:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/03	20:29:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/03	20:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/03	20:52:30.0	XRT_Custom_430_OG [0x1ae]								
2020/01/03	20:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/03	22:06:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/03	22:06:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/03	22:06:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/03	22:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/03	22:29:30.0	XRT_Custom_430_OG [0x1ae]								
2020/01/03	22:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/03	23:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/03	23:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/03	23:44:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/03	23:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/04	00:00:00.0	AOCS_Ore-point_Start_23_OG [0x0ad]	AOCU_NM	5	02-76	03 03 74 01 f3				
2020/01/04	00:04:01.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/04	00:04:03.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/04	00:04:05.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2020/01/04	00:04:25.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/01/04	00:04:27.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/01/04	00:04:29.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/01/04	00:04:31.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/01/04	00:04:33.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/04	00:07:03.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2020/01/04	00:07:05.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2020/01/04	00:07:07.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/04	01:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/04	01:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/04	01:21:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/04	01:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/04	01:28:00.0	XRT_Custom_430_OG [0x1ae]								
2020/01/04	01:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2020/01/04	02:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/04	02:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/04	02:43:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2020/01/04	02:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2020/01/04	03:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00				
2020/01/04	03:05:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/04	03:05:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2020/01/04	03:05:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2020/01/04	03:05:24.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2020/01/04	03:05:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2020/01/04	03:05:28.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2020/01/04	03:05:30.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2020/01/04	03:05:32.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2020/01/04	03:08:02.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2020/01/04	03:08:04.0	XRT_FL_PROG_SET_440_OG [0x1b8]								

Dec 28, 19 12:21

XRT_OGLIST_0673.chk

Page 24/24

2020/01/04	03:08:06.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/04	04:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	04:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/04	04:15:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/04	04:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/04	04:40:30.0	XRT_Custom_430_OG [0x1ae]					
2020/01/04	04:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/04	05:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	05:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/04	05:50:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/04	05:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/04	06:27:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	06:27:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	06:27:34.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2020/01/04	06:27:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2020/01/04	06:27:56.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2020/01/04	06:27:58.0	XRT_ARS_DIS_443_OG [0x1bb]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/01/04	06:30:34.0	XRT_QT_PROG_SET_445_OG [0x1bd]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	14
2020/01/04	06:30:36.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/04	06:37:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	06:37:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	06:37:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2020/01/04	06:37:30.0	AOCS_Ore-point_Start_24_OG [0x0ae]	AOCU_NM	5	02-76	00 2c 18 b8	e6
2020/01/04	06:37:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2020/01/04	06:37:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2020/01/04	06:37:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2020/01/04	06:37:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2020/01/04	06:37:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/04	06:40:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
2020/01/04	06:40:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2020/01/04	06:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/04	07:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	07:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/04	07:31:04.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/04	07:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/04	07:55:00.0	XRT_Custom_430_OG [0x1ae]					
2020/01/04	07:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/04	09:10:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	09:10:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2020/01/04	09:10:34.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2020/01/04	09:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2020/01/04	09:31:30.0	XRT_Custom_430_OG [0x1ae]					
2020/01/04	09:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2020/01/04	10:35:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2020/01/04	10:51:00.0	AOCS_Ore-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00	00