

# XRT Timeline to be uploaded on 2018/07/17

Period: 2018/07/17 10:38:00 - 2018/07/25 10:43:00

\* \* \* \* \*

## Normal mode

\* \* \* \* \*

### XOB #1B97: 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 last)

Term	Pointing (x, y)	Comment
07/17 10:51:30 - 07/17 10:56:54	Fixed ( -18.0, -56.0)	# OP start + 10min, HOP321
07/17 12:29:30 - 07/17 17:53:54	Track ( -399.0, 54.1) @ 07/17 12:00:00	EIS coronal BP obs
07/18 08:10:00 - 07/18 09:56:54	Fixed ( -18.0, -56.0)	HOP321
07/19 07:48:00 - 07/19 09:45:30	Fixed ( -18.0, -56.0)	HOP321
07/19 15:24:30 - 07/19 15:29:54	Fixed ( 145.0, 38.0)	HOP359 (1/17)
07/19 15:33:00 - 07/19 15:44:54	Fixed ( 309.0, 133.0)	2/17
07/19 15:48:00 - 07/19 15:59:54	Fixed ( 472.0, 227.0)	3/17
07/19 16:03:00 - 07/19 16:14:54	Fixed ( 636.0, 321.0)	4/17
07/19 16:18:00 - 07/19 16:28:00	Fixed ( 799.0, 416.0)	5/17
07/19 17:11:30 - 07/19 17:14:54	Fixed ( 171.0, 271.0)	6/17
07/19 17:18:00 - 07/19 17:29:54	Fixed ( 265.0, 434.0)	7/17
07/19 17:33:00 - 07/19 17:44:54	Fixed ( 359.0, 598.0)	8/17
07/19 17:48:00 - 07/19 17:59:54	Fixed ( 454.0, 761.0)	9/17
07/19 18:03:00 - 07/19 18:06:00	Fixed ( -18.0, -56.0)	10/17
07/19 18:48:00 - 07/19 18:59:54	Fixed ( -18.0, 510.0)	11/17
07/19 19:03:00 - 07/19 19:14:54	Fixed ( -18.0, 699.0)	12/17
07/19 19:18:00 - 07/19 19:29:54	Fixed ( -18.0, 888.0)	13/17
07/19 20:25:00 - 07/19 20:29:54	Fixed ( -301.0, 434.0)	15/17
07/19 20:33:00 - 07/19 20:44:54	Fixed ( -395.0, 598.0)	16/17
07/19 20:48:00 - 07/19 20:59:54	Fixed ( -490.0, 761.0)	17/17
07/20 07:48:00 - 07/20 09:56:54	Fixed ( -18.0, -56.0)	HOP321
07/20 18:13:30 - 07/21 02:29:54	Track ( 293.8, 46.1) @ 07/20 18:10:30	EIS coronal BP obs
07/21 08:17:30 - 07/21 09:17:00	Fixed ( -18.0, -56.0)	HOP321
07/22 07:48:00 - 07/22 09:53:30	Fixed ( -18.0, -56.0)	HOP321
07/23 07:49:30 - 07/23 08:49:00	Fixed ( -18.0, -56.0)	HOP321
07/24 08:25:00 - 07/24 08:55:00	Fixed ( -18.0, -56.0)	HOP321

**PROG= 05 Inf.-time(s)**

Subr= 1 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
└─ Subr= 2 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
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

### XOB #1BEA: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[1024/11571/23142] with 512x512 G-band+Leak - 45min cad) +

Term	Pointing (x, y)	Comment
07/17 11:00:00 - 07/17 11:59:54	Fixed ( -18.0, -56.0)	# OP start + 10min, HOP321
07/18 03:15:01 - 07/18 05:49:30	Fixed ( 0.0, 0.0)	HOP349
07/18 10:00:00 - 07/18 10:51:00	Fixed ( -18.0, -56.0)	HOP321
07/19 03:03:00 - 07/19 05:57:54	Fixed ( 0.0, 0.0)	HOP349
07/19 10:23:30 - 07/19 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/20 03:03:00 - 07/20 06:06:54	Fixed ( 0.0, 0.0)	HOP349
07/20 10:00:00 - 07/20 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/21 02:33:00 - 07/21 05:30:24	Fixed ( 0.0, 0.0)	HOP349
07/21 09:55:30 - 07/21 11:59:54	Fixed ( -18.0, -56.0)	HOP321
07/22 03:03:00 - 07/22 06:04:24	Fixed ( 0.0, 0.0)	HOP349
07/22 10:31:00 - 07/22 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/23 02:03:00 - 07/23 03:44:54	Fixed ( 0.0, 0.0)	HOP349
07/23 04:33:00 - 07/23 05:29:00	Fixed ( 0.0, 0.0)	HOP173 synoptic
07/23 09:28:00 - 07/23 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/24 02:03:00 - 07/24 03:59:54	Fixed ( 0.0, 0.0)	HOP349
07/24 04:15:00 - 07/24 05:59:54	Fixed ( 0.0, 0.0)	HOP173 synoptic

**PROG= 03 Inf.-time(s)**

├─ Subr= 1 1-time(s) 300.0sec													
├─ Seqn= 1 1-time(s) 2.0sec													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
├─ Seqn= 99 1-time(s) 2.0sec													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
├─ Seqn= 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
<b>Seqn= 30 1-time(s) 2.0sec</b>												
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
<b>Subr= 2 18-time(s) 150.0sec</b>												
<b>Seqn= 8 1-time(s) 2.0sec</b>												
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
<b>Seqn= 6 1-time(s) 2.0sec</b>												
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
<b>Seqn= 29 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1BD8: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(45/512/4096), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192), Med**

Term	Pointing (x, y)	Comment
07/17 17:57:00 - 07/17 18:03:54	Fixed ( 0.0, 0.0)	synoptic, shifted -6.0 min
07/19 19:33:00 - 07/19 19:44:30	Fixed ( -18.0, -56.0)	14/17 and XRT synoptic
07/21 18:23:00 - 07/21 18:29:54	Fixed ( 0.0, 0.0)	synoptic, shifted 20.0 min
07/23 19:33:00 - 07/23 19:39:54	Fixed ( 0.0, 0.0)	synoptic, shifted manually

<b>PROG= 18 1-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 5 1-time(s) 2.0sec</b>												
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
<b>Seqn= 36 1-time(s) 2.0sec</b>												
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
<b>Seqn= 99 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 33 1-time(s) 2.0sec</b>												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 23 1-time(s) 4.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 46 1-time(s) 2.0sec</b>												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
<b>Seqn= 17 1-time(s) 2.0sec</b>												
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
<b>Seqn= 25 1-time(s) 2.0sec</b>												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	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 #1B89: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with**

Term	Pointing (x, y)	Comment
07/17 18:07:00 - 07/18 02:41:30	Track ( 605.9, -48.8) @ 07/17 18:04:00	Track bipolar region
07/18 06:48:00 - 07/18 07:29:30	Track ( 690.4, -43.0) @ 07/18 06:45:00	Track bipolar region
07/18 11:33:00 - 07/18 17:31:00	Track ( 719.4, -40.6) @ 07/18 11:30:00	Track bipolar region
07/18 18:25:30 - 07/19 02:59:54	Track ( 758.6, -36.9) @ 07/18 18:22:30	Cont,
07/19 06:11:00 - 07/19 07:44:54	Track ( 817.7, -29.9) @ 07/19 06:08:00	Track bipolar region
07/19 12:02:00 - 07/19 14:24:54	Track ( 841.2, -26.5) @ 07/19 11:30:00	Track bipolar region
07/19 21:03:00 - 07/20 02:59:54	Track ( 877.0, -20.2) @ 07/19 21:00:00	Track bipolar region
07/20 06:20:00 - 07/20 07:01:30	Track ( 904.9, -13.7) @ 07/20 06:17:00	Track bipolar region
07/20 11:33:00 - 07/20 18:00:24	Track ( 917.3, -9.9) @ 07/20 11:30:00	Track bipolar region
07/21 12:03:00 - 07/21 17:38:30	Fixed ( 900.0, 4.0)	Bipolar region at limb
07/21 18:33:00 - 07/22 02:59:54	Fixed ( 909.0, 4.0)	Cont,

<b>PROG= 06 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 92 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Subr= 2 5-time(s) 2.0sec</b>												
<b>Seqn= 75 1-time(s) 2.0sec</b>												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec

	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
	<b>Seqn= 96 4-time(s) 60.0sec</b>												
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec	
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec	
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec	
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval													

**XOB #1B8B: Synoptic Q95 2x2 - Al/mesh(64/512/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + T**

Term	Pointing (x, y)	Comment
07/18 06:38:00 - 07/18 06:44:54	Fixed ( 0.0, 0.0)	synoptic, shifted 35.0 min
07/18 18:15:30 - 07/18 18:22:24	Fixed ( 0.0, 0.0)	synoptic, shifted 12.5 min
07/19 06:01:00 - 07/19 06:07:54	Fixed ( 0.0, 0.0)	synoptic, shifted -2.0 min
07/20 06:10:00 - 07/20 06:16:54	Fixed ( 0.0, 0.0)	synoptic, shifted 7.0 min
07/20 18:03:30 - 07/20 18:10:24	Fixed ( 0.0, 0.0)	synoptic, shifted 0.5 min
07/21 05:33:30 - 07/21 05:40:24	Fixed ( 0.0, 0.0)	synoptic, shifted -29.5 min
07/22 06:07:30 - 07/22 06:14:24	Fixed ( 0.0, 0.0)	synoptic, shifted 4.5 min
07/22 18:03:00 - 07/22 18:09:54	Fixed ( 0.0, 0.0)	synoptic
07/23 03:48:00 - 07/23 03:56:00	Fixed ( 0.0, 0.0)	HOP173 synoptic
07/24 04:03:00 - 07/24 04:11:54	Fixed ( 0.0, 0.0)	HOP173 synoptic

**PROG= 02 1-time(s)**

<b>Subr= 1 1-time(s) 2.0sec</b>													
<b>Seqn= 5 1-time(s) 2.0sec</b>													
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
<b>Seqn= 27 1-time(s) 2.0sec</b>													
	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	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 99 1-time(s) 2.0sec</b>													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 85 1-time(s) 2.0sec</b>													
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 23 1-time(s) 2.0sec</b>													
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval													

**XOB #1C00: HOP349 - 3-filter Synoptics [Al-mesh[512/2048/4096], Al-poly[512/4096/8192], thin-Be[3897/16384/32768] with 512x512 G-band+Leak - 90 min c**

Term	Pointing (x, y)	Comment
07/19 14:28:00 - 07/19 14:48:00	Fixed ( 0.0, 0.0)	HOP359 for XRT

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

<b>Subr= 1 1-time(s) 300.0sec</b>													
<b>Seqn= 12 1-time(s) 2.0sec</b>													
	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
<b>Seqn= 82 1-time(s) 2.0sec</b>													
	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
<b>Seqn= 52 1-time(s) 2.0sec</b>													
	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
<b>Seqn= 30 1-time(s) 2.0sec</b>													
	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
<b>Subr= 2 18-time(s) 300.0sec</b>													
<b>Seqn= 8 1-time(s) 2.0sec</b>													
	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
<b>Seqn= 6 1-time(s) 2.0sec</b>													
	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
<b>Seqn= 29 1-time(s) 2.0sec</b>													
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec

Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1BA3: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)**

Term	Pointing (x, y)	Comment
07/21 05:43:30 - 07/21 07:37:30	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/22 06:17:30 - 07/22 07:44:54	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/22 11:33:00 - 07/22 17:59:54	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/22 18:13:00 - 07/23 01:59:54	Fixed ( 909.0, 4.0)	Cont,
07/23 06:11:00 - 07/23 07:09:30	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/23 11:33:00 - 07/23 12:16:00	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/23 23:43:00 - 07/24 01:59:54	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/24 06:03:00 - 07/24 07:44:54	Fixed ( 909.0, 4.0)	Bipolar region at limb

**PROG= 08 Inf.-time(s)**

<b>Subr= 1</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 92</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Seqn= 42</b>	<b>3-time(s)</b>	<b>2.0sec</b>										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 32</b>	<b>40-time(s)</b>	<b>90.0sec</b>										
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	34.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	34.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
07/23 12:44:30 - 07/23 15:33:00	Fixed ( -18.0, 495.0)	HOP336 at N
07/23 16:08:01 - 07/23 18:49:30	Fixed ( -18.0, -774.0)	HOP336 at S

**PROG= 17 Inf.-time(s)**

<b>Subr= 1</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 16</b>	<b>2-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
<b>Subr= 2</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 90</b>	<b>1-time(s)</b>	<b>30.0sec</b>										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
<b>Subr= 3</b>	<b>15-time(s)</b>	<b>2.0sec</b>										
<b>Seqn= 68</b>	<b>1-time(s)</b>	<b>60.0sec</b>										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1AEC: G-Band Alignment with North Pole Q90 2x2 (G-band and VLS=CLS) - 1msec (Al/poly) - 4096msec - 5min cadence - Partial Sun-wNGT**

Term	Pointing (x, y)	Comment
07/23 19:55:00 - 07/23 21:39:54	Fixed ( 0.0, 930.0)	Co-alignment at N

**PROG= 07 1-time(s)**

<b>Subr= 1</b>	<b>24-time(s)</b>	<b>300.0sec</b>										
<b>Seqn= 98</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
<b>Seqn= 63</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x1536 (1024, 768)	Q=90	0	0	2.0sec
<b>Seqn= 45</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Al-poly/Open	med-Be/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x1536 (1024, 768)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

**XOB #1AED: G-Band Alignment with East limb Q90 2x2 (G-band and VLS=CLS) - 1msec - (Al/poly) 1443msec - 8 min cadence-wNGT**

Term	Pointing (x, y)	Comment
07/23 21:55:00 - 07/23 23:39:54	Fixed ( -970.0, 0.0)	Co-alignment at E

**PROG= 01 1-time(s)**

<b>Subr= 1</b>	<b>15-time(s)</b>	<b>480.0sec</b>										
<b>Seqn= 19</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	1536x2048 (1280, 1024)	Q=90	0	0	2.0sec
<b>Seqn= 43</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	1536x2048 (1280, 1024)	Q=90	0	0	2.0sec
<b>Seqn= 70</b>	<b>1-time(s)</b>	<b>2.0sec</b>										
Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1536x2048 (1280, 1024)	Q=95	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
07/17 10:51:30 - 07/17 10:56:54	Fixed ( -18.0, -56.0)	# OP start + 10min, HOP321
07/17 11:00:00 - 07/17 11:59:54	Fixed ( -18.0, -56.0)	# OP start + 10min, HOP321
07/17 12:29:30 - 07/17 17:53:54	Track ( -399.0, 54.1) @ 07/17 12:00:00	EIS coronal BP obs
07/17 18:07:00 - 07/18 02:41:30	Track ( 605.9, -48.8) @ 07/17 18:04:00	Track bipolar region
07/18 03:15:01 - 07/18 05:49:30	Fixed ( 0.0, 0.0)	HOP349
07/18 06:48:00 - 07/18 07:29:30	Track ( 690.4, -43.0) @ 07/18 06:45:00	Track bipolar region
07/18 08:10:00 - 07/18 09:56:54	Fixed ( -18.0, -56.0)	HOP321
07/18 10:00:00 - 07/18 10:51:00	Fixed ( -18.0, -56.0)	HOP321
07/18 11:33:00 - 07/18 17:31:00	Track ( 719.4, -40.6) @ 07/18 11:30:00	Track bipolar region
07/18 18:25:30 - 07/19 02:59:54	Track ( 758.6, -36.9) @ 07/18 18:22:30	Cont,
07/19 03:03:00 - 07/19 05:57:54	Fixed ( 0.0, 0.0)	HOP349
07/19 06:11:00 - 07/19 07:44:54	Track ( 817.7, -29.9) @ 07/19 06:08:00	Track bipolar region
07/19 07:48:00 - 07/19 09:45:30	Fixed ( -18.0, -56.0)	HOP321
07/19 10:23:30 - 07/19 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/19 12:02:00 - 07/19 14:24:54	Track ( 841.2, -26.5) @ 07/19 11:30:00	Track bipolar region
07/19 14:28:00 - 07/19 14:48:00	Fixed ( 0.0, 0.0)	HOP359 for XRT
07/19 15:24:30 - 07/19 15:29:54	Fixed ( 145.0, 38.0)	HOP359 (1/17)
07/19 15:33:00 - 07/19 15:44:54	Fixed ( 309.0, 133.0)	2/17
07/19 15:48:00 - 07/19 15:59:54	Fixed ( 472.0, 227.0)	3/17
07/19 16:03:00 - 07/19 16:14:54	Fixed ( 636.0, 321.0)	4/17
07/19 16:18:00 - 07/19 16:28:00	Fixed ( 799.0, 416.0)	5/17
07/19 17:11:30 - 07/19 17:14:54	Fixed ( 171.0, 271.0)	6/17
07/19 17:18:00 - 07/19 17:29:54	Fixed ( 265.0, 434.0)	7/17
07/19 17:33:00 - 07/19 17:44:54	Fixed ( 359.0, 598.0)	8/17
07/19 17:48:00 - 07/19 17:59:54	Fixed ( 454.0, 761.0)	9/17
07/19 18:03:00 - 07/19 18:06:00	Fixed ( -18.0, -56.0)	10/17
07/19 18:48:00 - 07/19 18:59:54	Fixed ( -18.0, 510.0)	11/17
07/19 19:03:00 - 07/19 19:14:54	Fixed ( -18.0, 699.0)	12/17
07/19 19:18:00 - 07/19 19:29:54	Fixed ( -18.0, 888.0)	13/17
07/19 20:25:00 - 07/19 20:29:54	Fixed ( -301.0, 434.0)	15/17
07/19 20:33:00 - 07/19 20:44:54	Fixed ( -395.0, 598.0)	16/17
07/19 20:48:00 - 07/19 20:59:54	Fixed ( -490.0, 761.0)	17/17
07/19 21:03:00 - 07/20 02:59:54	Track ( 877.0, -20.2) @ 07/19 21:00:00	Track bipolar region
07/20 03:03:00 - 07/20 06:06:54	Fixed ( 0.0, 0.0)	HOP349
07/20 06:20:00 - 07/20 07:01:30	Track ( 904.9, -13.7) @ 07/20 06:17:00	Track bipolar region
07/20 07:48:00 - 07/20 09:56:54	Fixed ( -18.0, -56.0)	HOP321
07/20 10:00:00 - 07/20 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/20 11:33:00 - 07/20 18:00:24	Track ( 917.3, -9.9) @ 07/20 11:30:00	Track bipolar region
07/20 18:13:30 - 07/21 02:29:54	Track ( 293.8, 46.1) @ 07/20 18:10:30	EIS coronal BP obs
07/21 02:33:00 - 07/21 05:30:24	Fixed ( 0.0, 0.0)	HOP349
07/21 05:43:30 - 07/21 07:37:30	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/21 08:17:30 - 07/21 09:17:00	Fixed ( -18.0, -56.0)	HOP321
07/21 09:55:30 - 07/21 11:59:54	Fixed ( -18.0, -56.0)	HOP321
07/21 12:03:00 - 07/21 17:38:30	Fixed ( 900.0, 4.0)	Bipolar region at limb
07/21 18:33:00 - 07/22 02:59:54	Fixed ( 909.0, 4.0)	Cont,
07/22 03:03:00 - 07/22 06:04:24	Fixed ( 0.0, 0.0)	HOP349
07/22 06:17:30 - 07/22 07:44:54	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/22 07:48:00 - 07/22 09:53:30	Fixed ( -18.0, -56.0)	HOP321
07/22 10:31:00 - 07/22 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/22 11:33:00 - 07/22 17:59:54	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/22 18:13:00 - 07/23 01:59:54	Fixed ( 909.0, 4.0)	Cont,
07/23 02:03:00 - 07/23 03:44:54	Fixed ( 0.0, 0.0)	HOP349
07/23 04:33:00 - 07/23 05:29:00	Fixed ( 0.0, 0.0)	HOP173 synoptic
07/23 06:11:00 - 07/23 07:09:30	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/23 07:49:30 - 07/23 08:49:00	Fixed ( -18.0, -56.0)	HOP321
07/23 09:28:00 - 07/23 11:29:54	Fixed ( -18.0, -56.0)	HOP321
07/23 11:33:00 - 07/23 12:16:00	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/23 12:44:30 - 07/23 15:33:00	Fixed ( -18.0, 495.0)	HOP336 at N
07/23 16:08:01 - 07/23 18:49:30	Fixed ( -18.0, -774.0)	HOP336 at S
07/23 23:43:00 - 07/24 01:59:54	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/24 02:03:00 - 07/24 03:59:54	Fixed ( 0.0, 0.0)	HOP349
07/24 04:15:00 - 07/24 05:59:54	Fixed ( 0.0, 0.0)	HOP173 synoptic
07/24 06:03:00 - 07/24 07:44:54	Fixed ( 909.0, 4.0)	Bipolar region at limb
07/24 08:25:00 - 07/24 08:55:00	Fixed ( -18.0, -56.0)	HOP321

PROG= 13 30-time(s)

<b>Subr= 1</b>		<b>20-time(s)</b>		<b>2.0sec</b>											
<b>Seqn= 11</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
Al-poly/Open		Al-poly/thick-Al close		Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95	2	0	2.0sec	
<b>Seqn=100</b>		<b>1-time(s)</b>		<b>10.0sec</b>											
thin-Be/Open		med-Be/Open close		Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		Q=95	2	0	2.0sec	
med-Be/Open		Open/thick-Al close		Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec	
Open/thick-Al		Open/thick-Be close		Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec	
<b>Subr= 2</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
<b>Seqn= 10</b>		<b>1-time(s)</b>		<b>2.0sec</b>											
med-Al/Open		med-Al/thick-Al close		Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec	
Open/thick-Be		Open/thick-Be close		Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec	

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

\* \* \* \* \*

### Active Region Search

\* \* \* \* \*

NOT USED

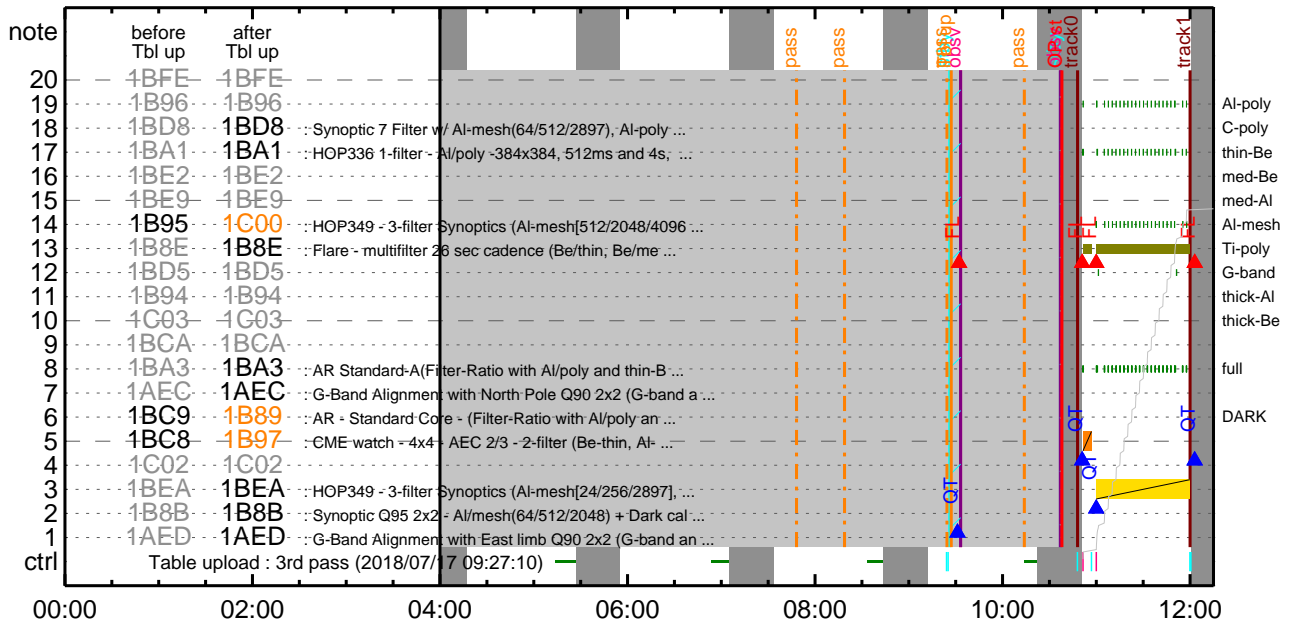
\* \* \* \* \*

### Flare Detection

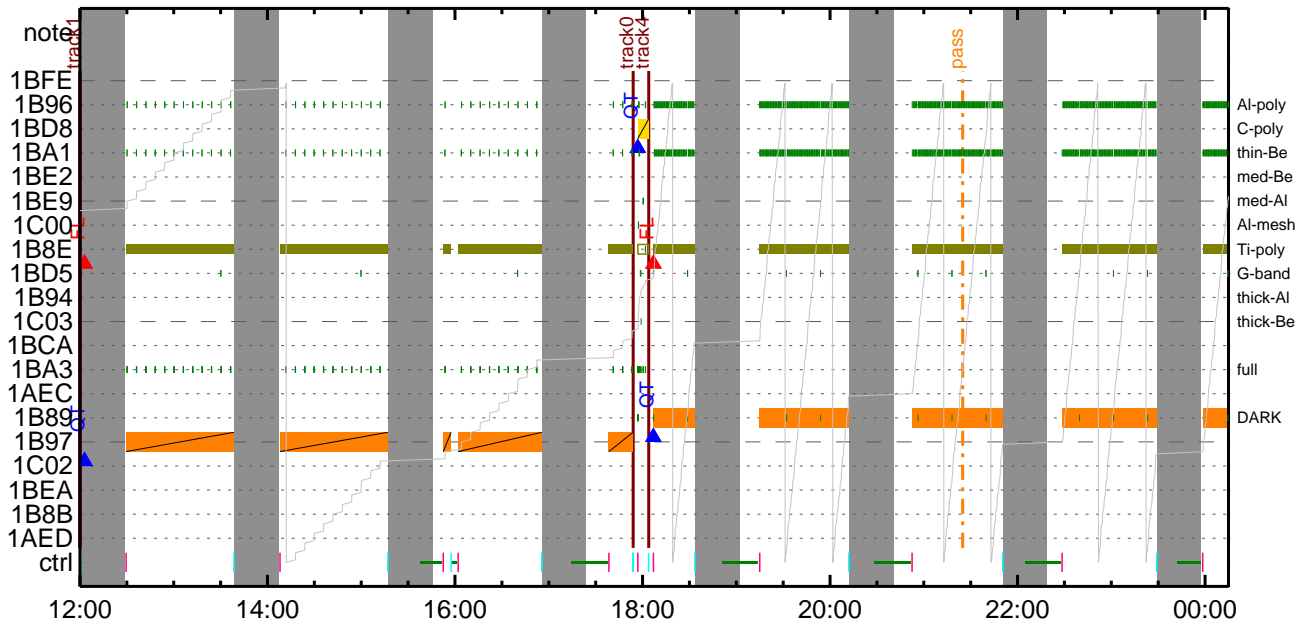
\* \* \* \* \*

FLD Patrol												
Term		Pointing (x, y)					Comment					
07/17	18:04:16 - 07/18 06:35:16	Track (	605.9,	-48.8)	<sup>Ⓢ</sup> 07/17 18:04:00	Track bipolar region						
07/18	06:45:16 - 07/18 18:12:46	Track (	690.4,	-43.0)	<sup>Ⓢ</sup> 07/18 06:45:00	Track bipolar region						
07/18	18:22:46 - 07/19 05:58:16	Track (	758.6,	-36.9)	<sup>Ⓢ</sup> 07/18 18:22:30	Cont,						
07/19	06:08:16 - 07/19 19:30:18	Track (	817.7,	-29.9)	<sup>Ⓢ</sup> 07/19 06:08:00	Track bipolar region						
07/19	20:15:16 - 07/20 06:07:16	Fixed (	-301.0,	434.0)		15/17						
07/20	06:17:16 - 07/20 18:00:46	Track (	904.9,	-13.7)	<sup>Ⓢ</sup> 07/20 06:17:00	Track bipolar region						
07/20	18:10:46 - 07/21 05:30:46	Track (	293.8,	46.1)	<sup>Ⓢ</sup> 07/20 18:10:30	EIS coronal BP obs						
07/21	05:40:46 - 07/21 18:20:18	Fixed (	909.0,	4.0)		Bipolar region at limb						
07/21	18:30:16 - 07/22 06:04:46	Fixed (	909.0,	4.0)		Cont,						
07/22	06:14:46 - 07/22 18:00:16	Fixed (	909.0,	4.0)		Bipolar region at limb						
07/22	18:10:16 - 07/23 03:45:16	Fixed (	909.0,	4.0)		Cont,						
07/23	04:29:16 - 07/23 19:30:18	Fixed (	0.0,	0.0)		HOP173 synoptic						
07/23	23:40:16 - 07/24 04:00:16	Fixed (	909.0,	4.0)		Bipolar region at limb						
07/24	04:12:16 - 07/25 10:43:00	Fixed (	0.0,	0.0)		HOP173 synoptic						
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	8ms	Obs	8x8		Q=50	30sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer Interval

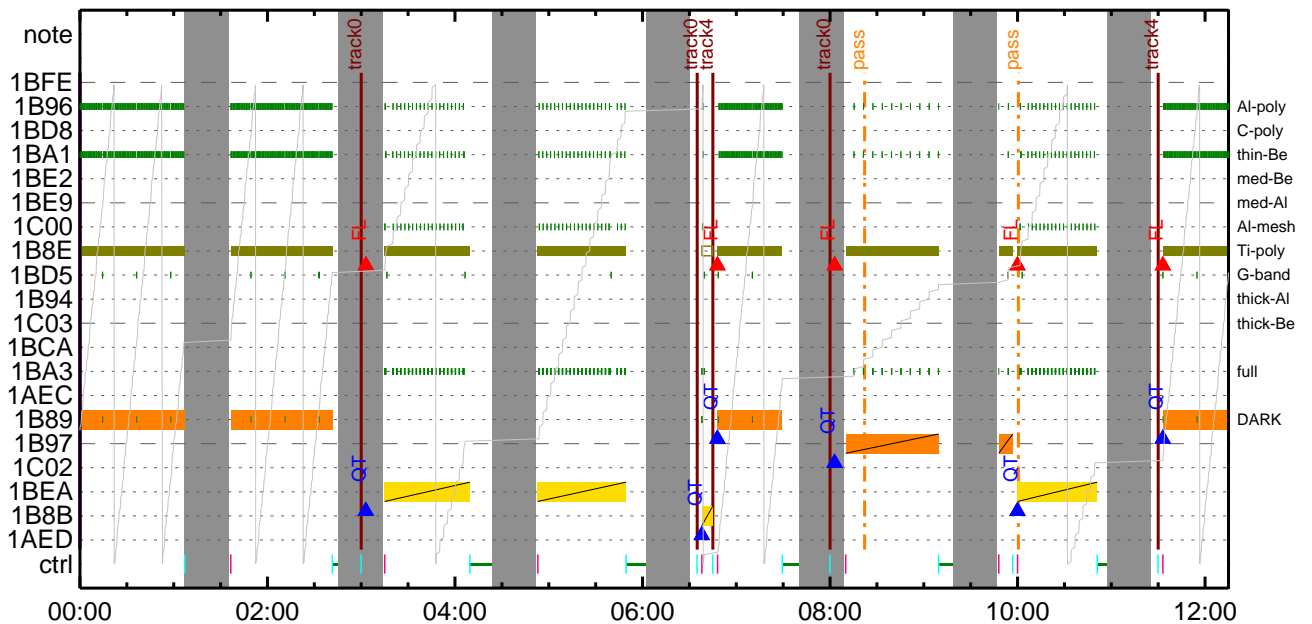
### CMDI #0630 2018/07/17



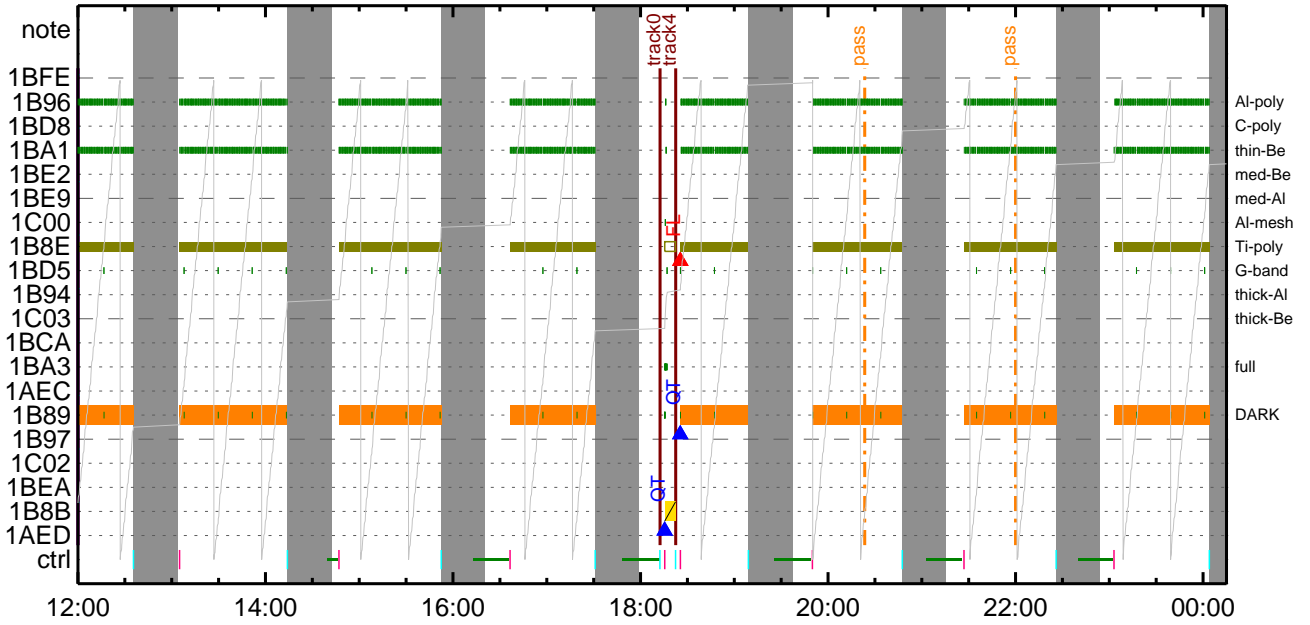
### CMDI #0630 2018/07/17



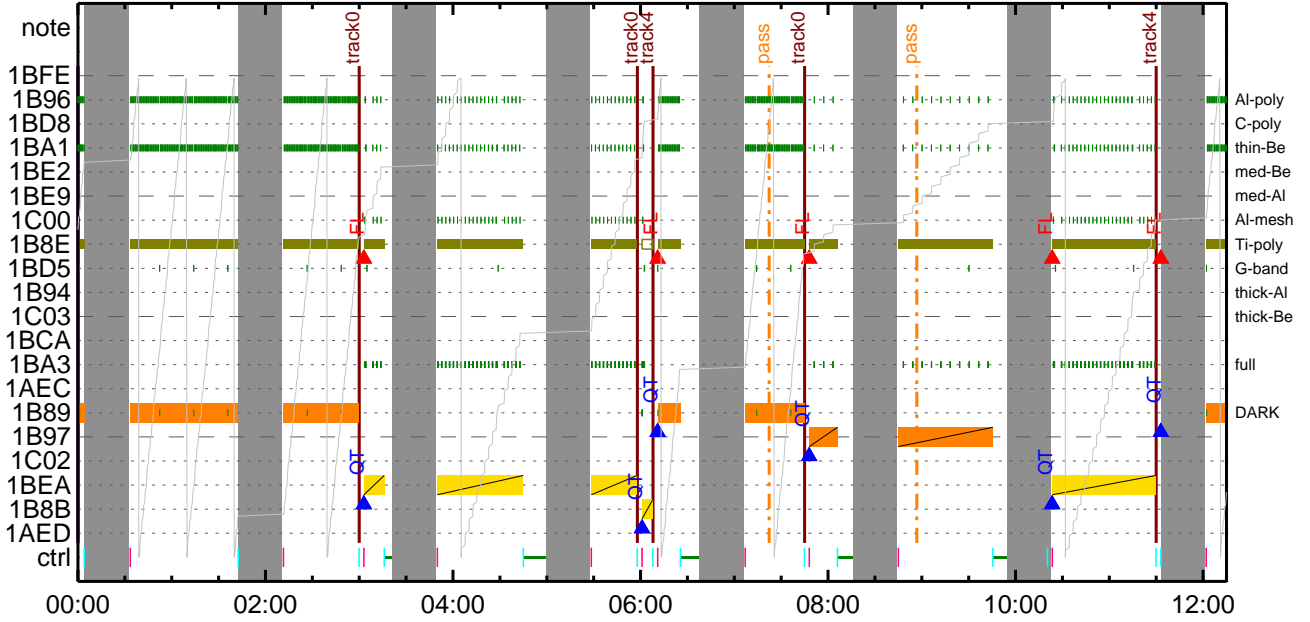
### CMDI #0630 2018/07/18



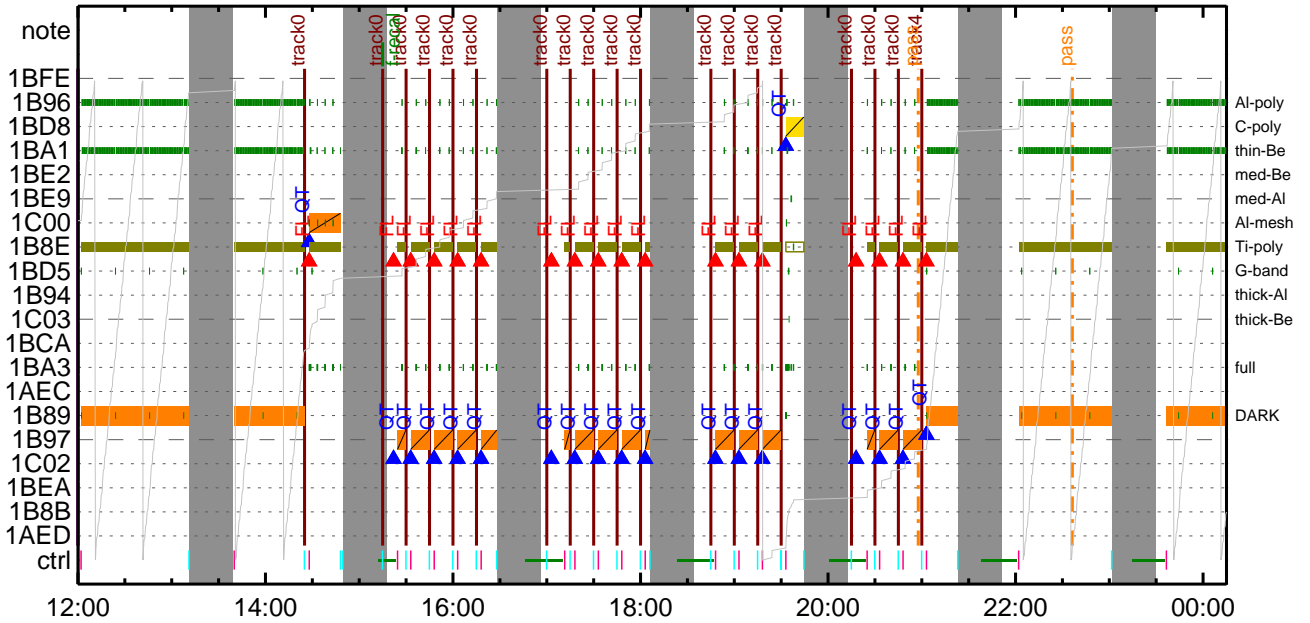
### CMDI #0630 2018/07/18



### CMDI #0630 2018/07/19

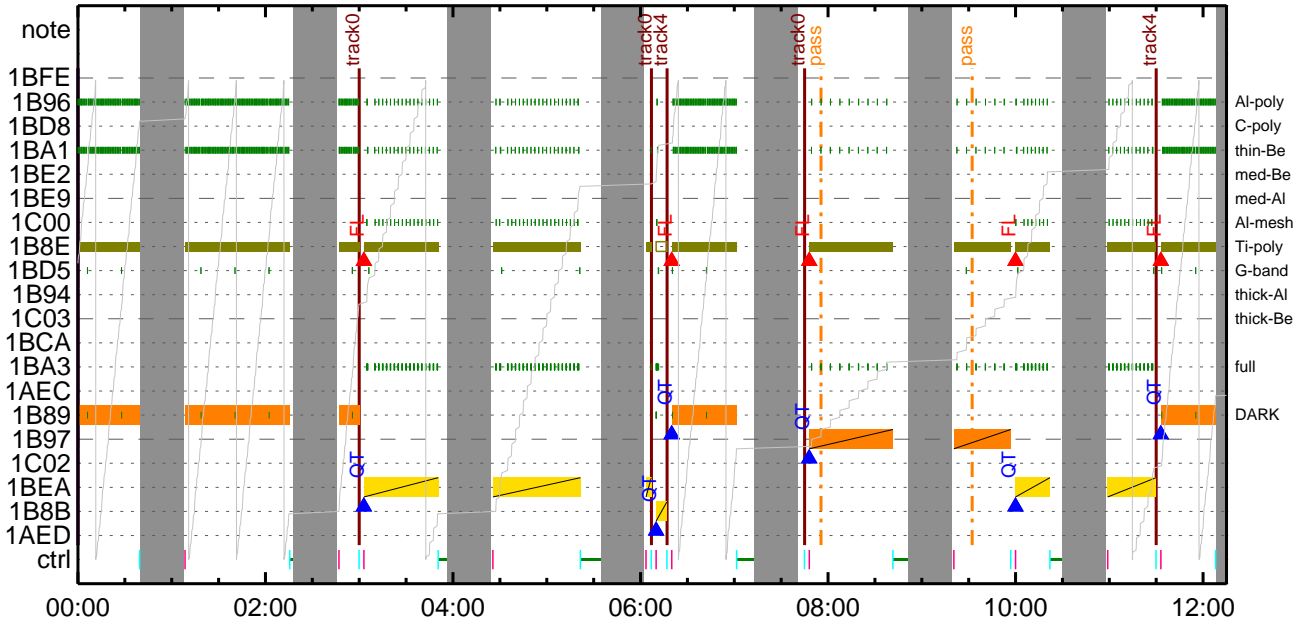


### CMDI #0630 2018/07/19

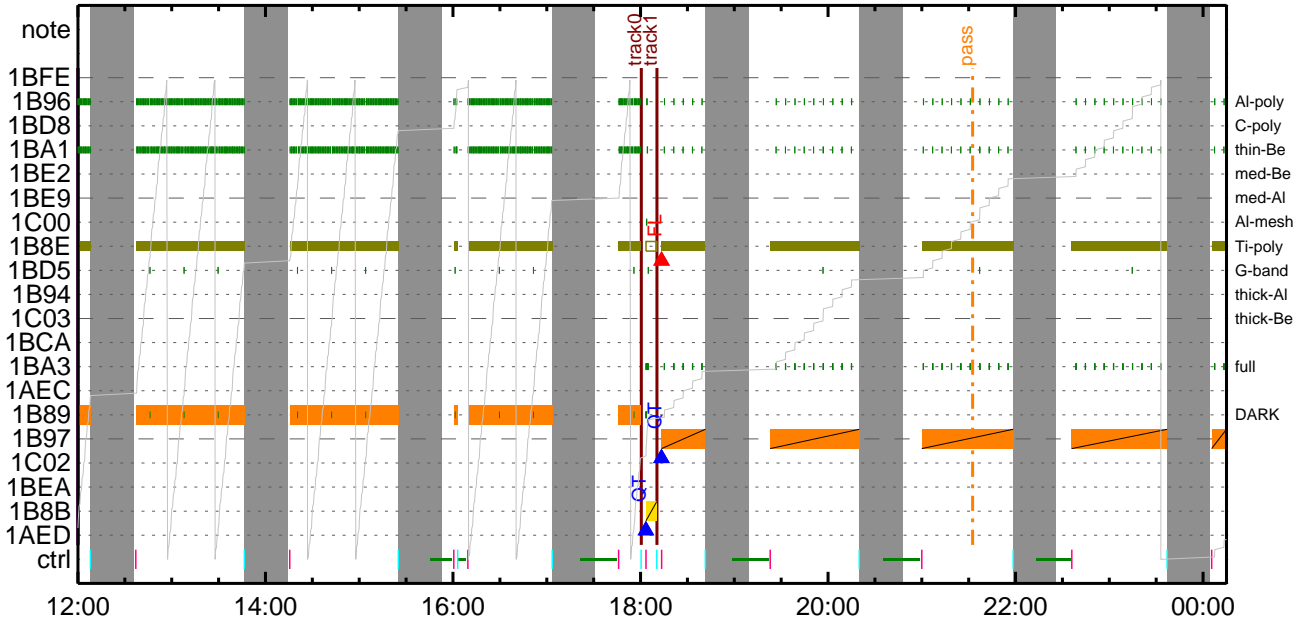




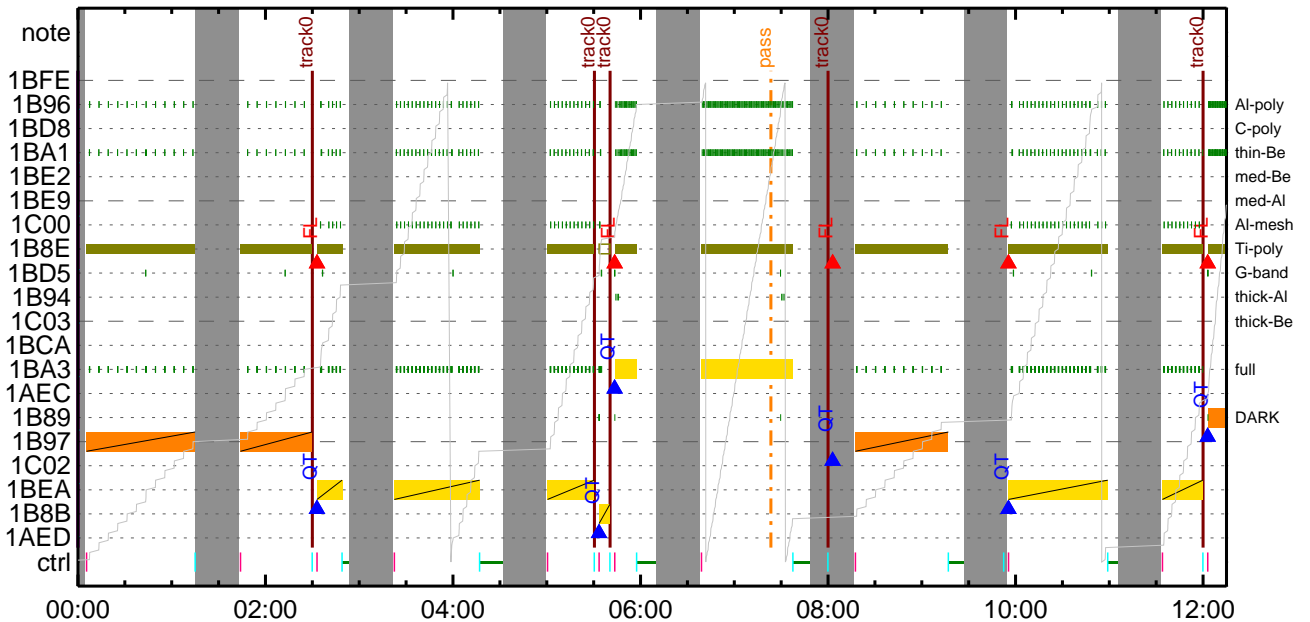
CMDI #0630 2018/07/20



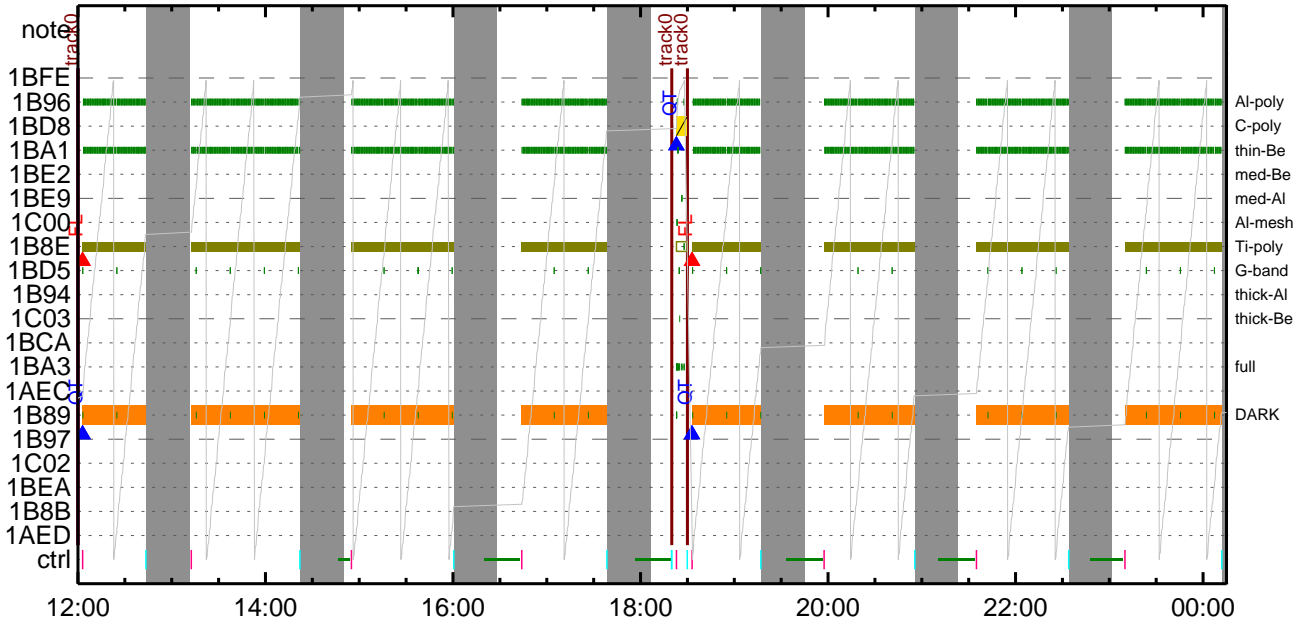
CMDI #0630 2018/07/20



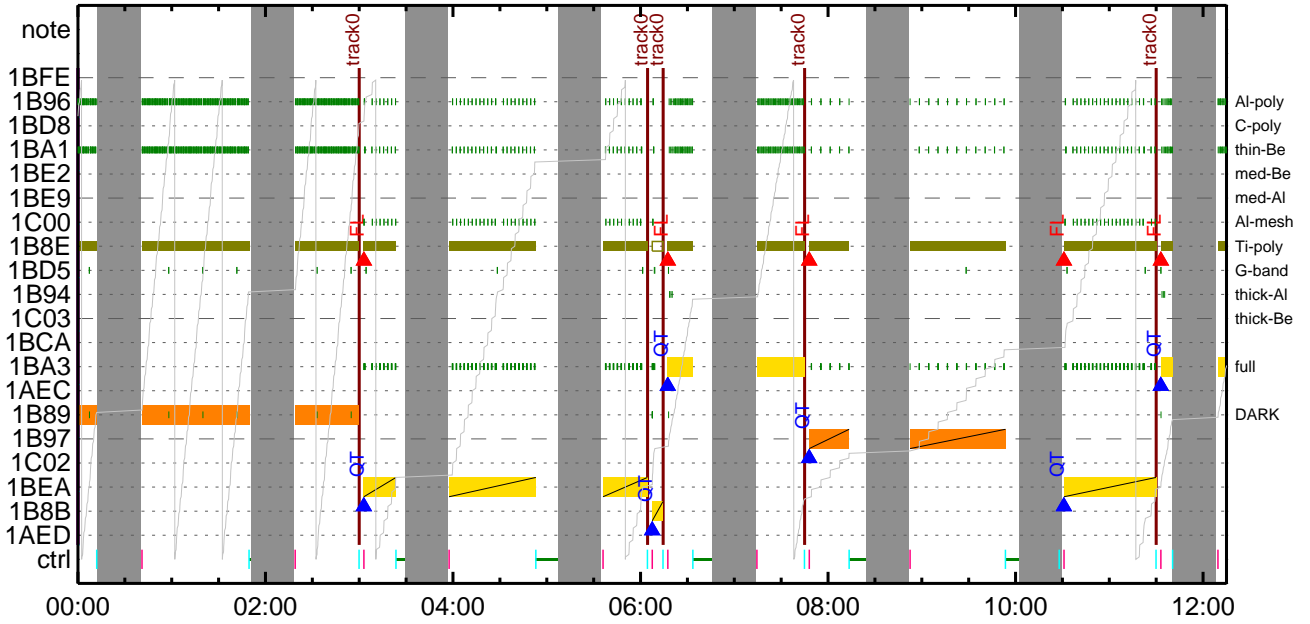
CMDI #0630 2018/07/21



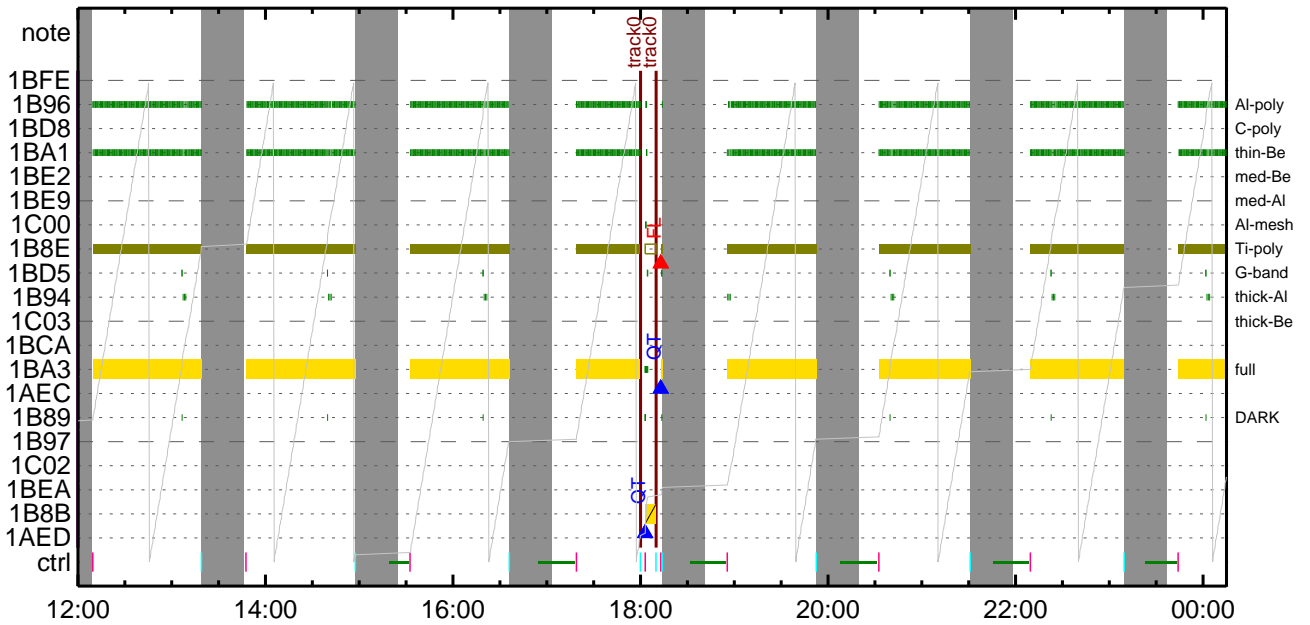
CMDI #0630 2018/07/21



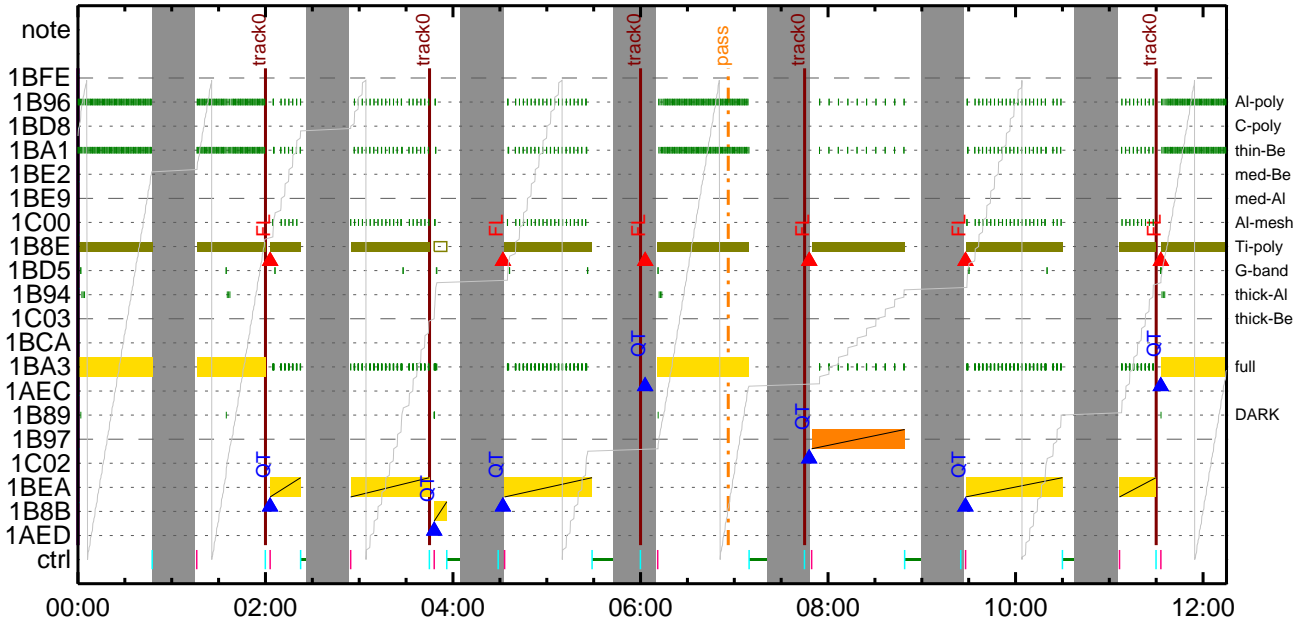
CMDI #0630 2018/07/22



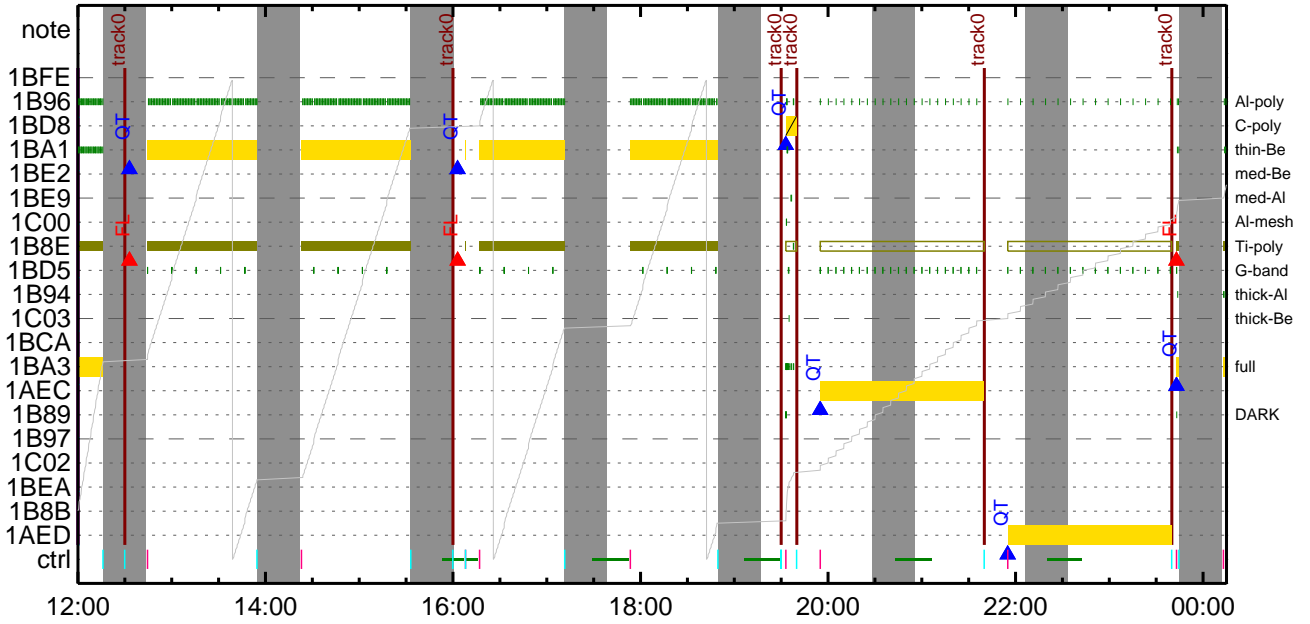
CMDI #0630 2018/07/22



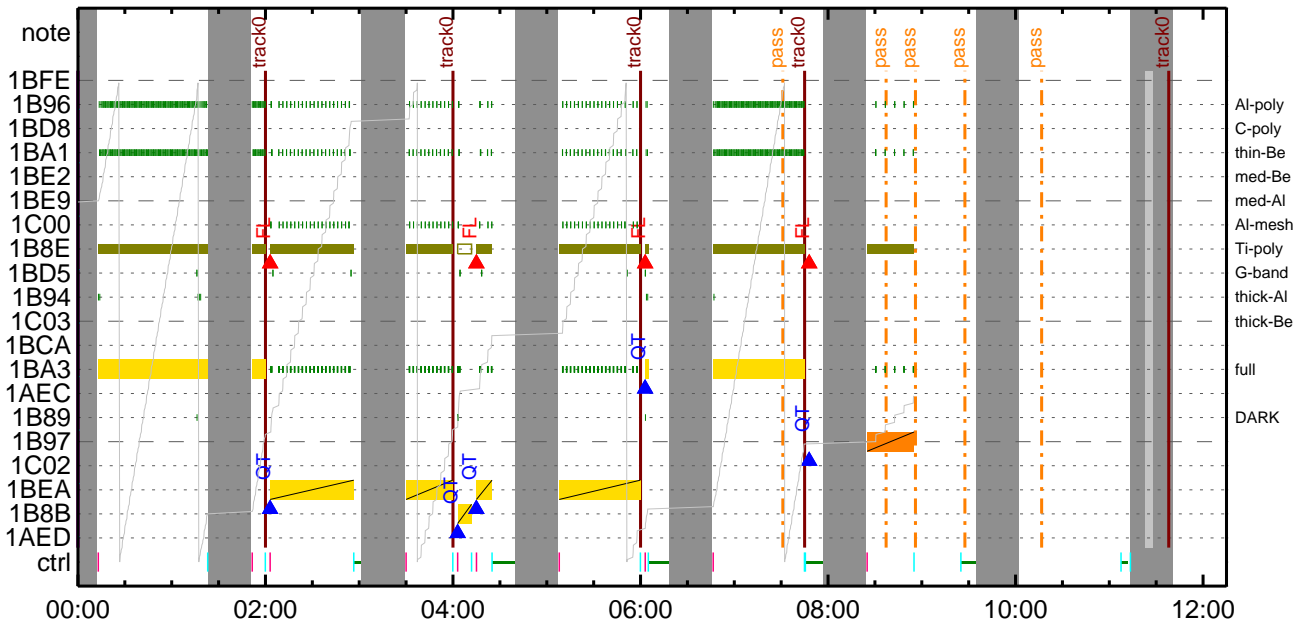
CMDI #0630 2018/07/23



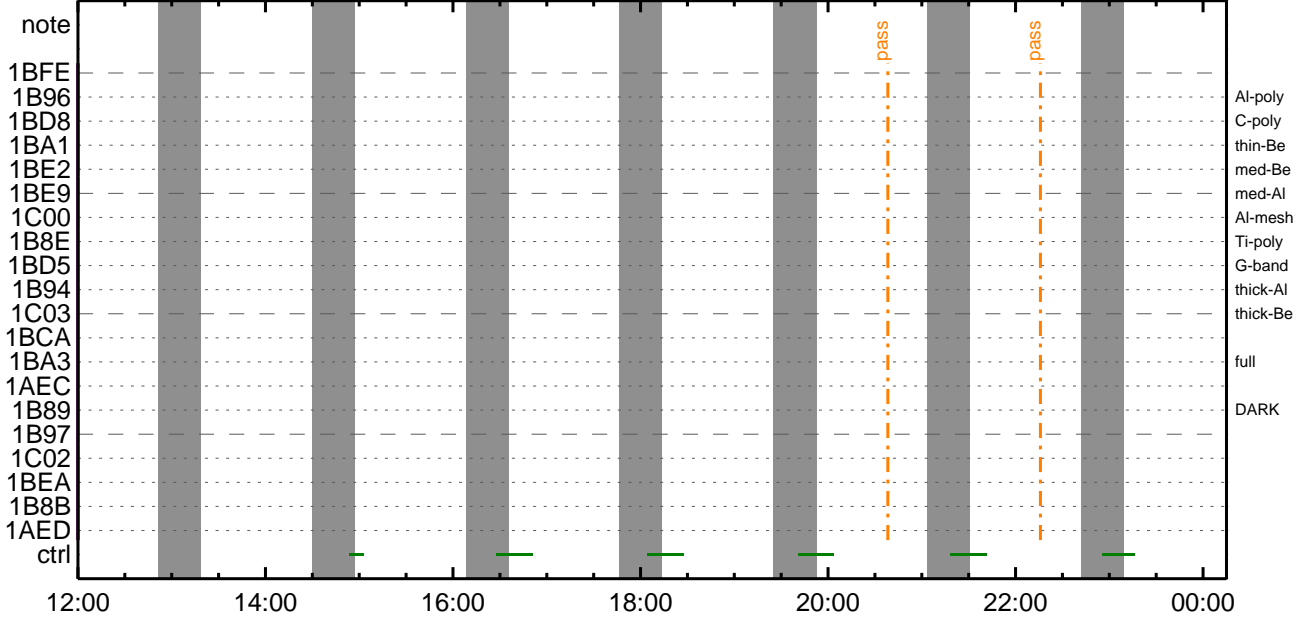
CMDI #0630 2018/07/23



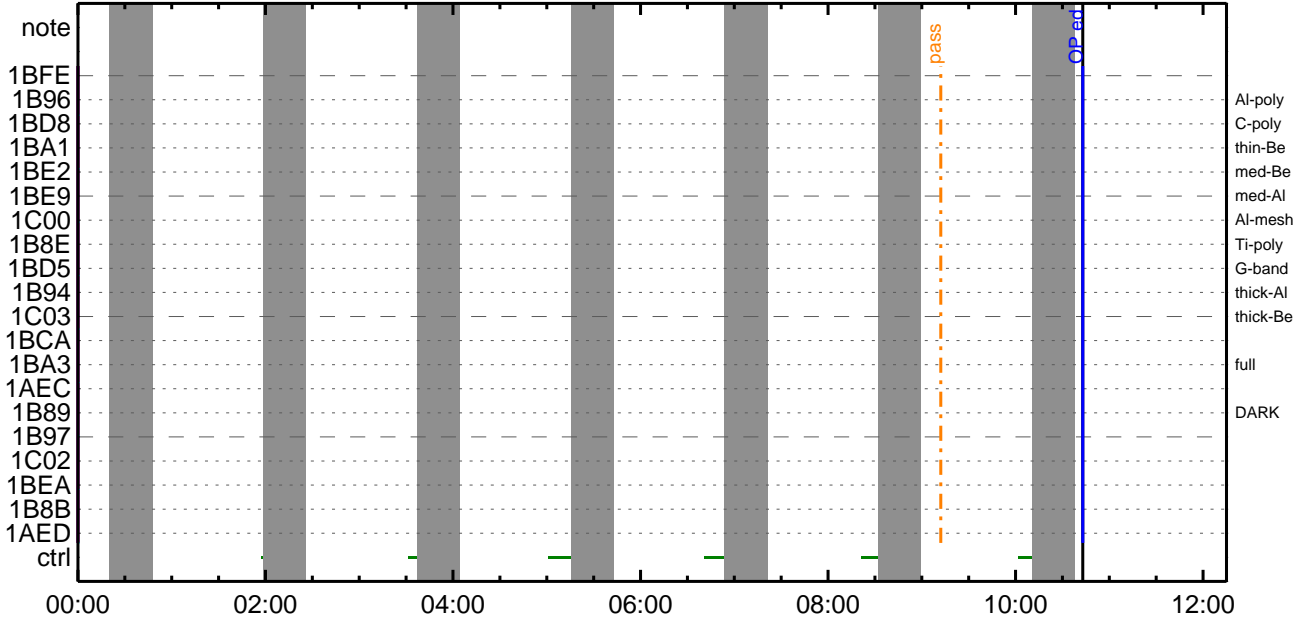
CMDI #0630 2018/07/24



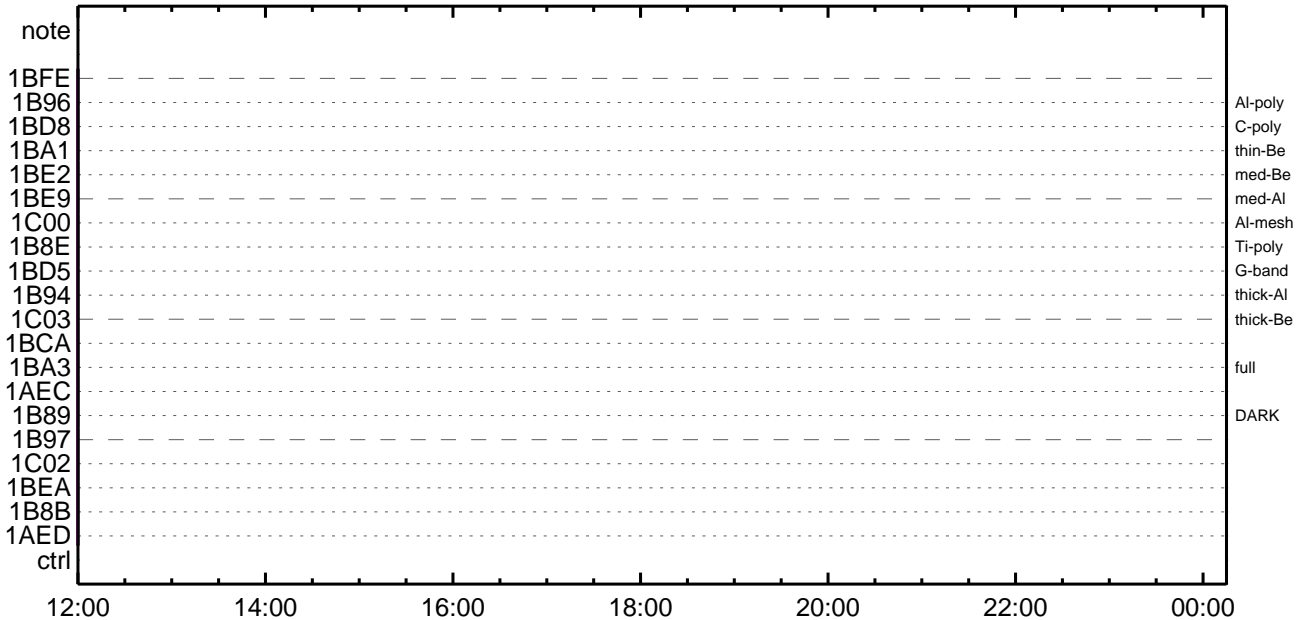
CMDI #0630 2018/07/24



CMDI #0630 2018/07/25



CMDI #0630 2018/07/25





```

0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-508:OP
0104 ( )
0105 S. OG og-508:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYOX;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYOXx½ªî»ð³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼Ë¹ç•ë²îOK²³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYOXx½ªî»ð³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼Ë¹ç•ë²îOK²³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYOXx½ªî»ð³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼Ë¹ç•ë²îOK²³îÇ§
0165 C.
0166 C. ***** °Ë²¼²î¼Ã´¶Á°²ËË¬²°Á÷¿@ (¼âµ-YAYOXx½ªî»ð³îÇ§²°ÁÏË²ç¼ª²°²¼²î¼Ç²ç²â) *****
0167 C. DHUYâ;4YE;Ë¼Y½;Yi;4YE;Ë²ðîã²¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²¬Á÷¿@NG²î¼Ç¹ç;ç°Ë²¼²î¼TI-CMDÁ÷¿@²î¼Á¹Ï²°²¼²î¼³²Ë;f
0180 C. ²³²¼;çSET²EDUMP²î¼±²î¼Y¹ç¹Ï²°²¼²î¼³²Ë;f
0181 C.
0182 C. TIY³YpYóYË²ð²ÁDî¿(UT)
0183 +. TI 2018-07-17 10:33:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2018-07-17 10:33:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2018-07-17 10:33:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

```

```
0194 C.
0195 +. TI 2018-07-17 10:37:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼□îÄë%îíñ□îŷÄŷ§ŷÄŷ-¹âiü
0200 C.          çç[HK1_TI_CMD_ENA/DIS]       EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]          EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]       EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]       EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIíî°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]     EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]     EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]      EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]     EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]       EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]        EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]       EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]    EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]    EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]       EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»□ò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]       EQ      NON
0227 C.
0228 C. RAM ID=TI_TBL□îŷÄŷÖŷ×½ªî»□ò³îç§
0229 C.
0230 C. DHUŷâ;¼ŷÉ;Ê¼ŷ¼. ŷî;¼ŷÉ;Ê□òîâ□¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]        EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]       EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]    EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]    EQ      4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2018-07-17 10:37:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C. -----
0246 C.   HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2018-07-17 10:37:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2018-07-17 10:37:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2018-07-17 10:37:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC      (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´úÄî□î»ö¼ŷ□îÉÄ□¹□èDCBC•x²è *****
0276 C. (¼á°îŷÖŷÄŷÉŷŷŷÉŷáŷçŷè□É¼□□¼Ä»Ű□¹□è)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•î Daily±çîñ□è'Ø□¹□èDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Ű;ã
0287 C.
0288 C. ***** LOS *****
0289 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```

main-509 2018-07-17 14:36:50 94 33 SOLAR-B MAIN //
0001  C.
0002  . C. ***** AOS *****
0003  C.
0004  . C. ;ãAOSYÁY$YÄY~¼Ä»Û;ä
0005  C.
0006  C. YÄYB;¼Y³YFYOYÉÁ+¿@
0007 +. DC 00-00 NULL_DUMMY_CMD
0008  C.
0009  . C. ***** AOCs : Reload orbital element (send every contact) *****
0010  C.  Áí;ÈB¿BÄB•µ°È»Í×ÁÇBÍYçYÄY×Yí;¼YÉ;ÈÈ¿µ•íÉ;ÈBÈ¼°ÇÔB•B¿¼i¹çBÍ;çÄ®, ùB¹BÈB¿BçÁ+¿@B•BÈB¿B¿BÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012  C.
0013  C.
0014  . C. ***** AOCs Commands (Tracking Curve Upload) *****
0015  C. Upload the Orbit Element and the Target Attitude
0016  C. RAM-ID:TARGET_ATT
0017  . S. RAM  ram-150:TARGET_ATT
0018  ( )
0019  C.
0020  C.
0021  C. Set the dump memory area of TARGET_ATT
0022 +. DC 02-48 AOCU_DUMP_SET
0023  BC      (07 00 00 00 18 00)
0024  C.
0025  C.      <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]
0026  C.
0027  C.
0028  C. Change the TLMFormatNo for the AOCs Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030  BC      (04 0b f8)
0031  C.
0032  C. Wait for AOCSDUMP to end
0033  C.
0034  . C. Check the dump memory
0035  C.
0036  C.                                Result = OK [ ]
0037  C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039  BC      (02 0a f8)
0040  C.
0041  C.                                <A_***>[TLM STS] FMT = 2 [ ]
0042  C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044  . C.
0045  . C. ***** AOCs Commands (Orbital Element Update) *****
0046  C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048  BC      (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050  C.
0051  C.      <A_ORB>[ORBIT] EPC = 3389388.9 +- 1.0 (s) [ ]
0052  C.
0053  . C.
0054  . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056  BC      (20)
0057  . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059  BC      (21 02)
0060  . C. Verify EIS in MANUAL mode
0061  . C. Estimated OBSTBL upload time is 59s
0062  C. *****
0063  C. EIS START OBSTBL LOAD
0064  C. *****
0065  . S. RAM  ram-820:EIS_OBSTBL
0066  ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068  BC      (07 07 07 00 00 70 00)
0069  C.
0070  C. Execute, after the success of OBSTBL upload.
0071  C. Set EIS TI-commands
0072 +. TI 2018-07-17 10:37:50.0
0073  DC 07-FC EIS_MODE_CHG_ENA
0074  BC      (20)
0075  . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076  C. *****
0077  C. EIS END OBSTBL LOAD
0078  C. *****
0079  C.
0080  . C. ***** MDP `ûÄÍBÍ»ò¼YBÈÄB¿B¹BÈDCBC•x²è *****
0081  C. (¼á°ÍYÓYÄYÈYB¿YÈYáYçYèBÈ¼¼B¿B¼Ä»ÛB¹Bè)
0082  . S. DC-BC dcbc-402:DCBC
0083  (MDP_known_event)
0084  C.
0085  C.
0086  . C. ***** YDÿ!•Í Daily¿;¿ÍÑBÈ`ØB¹BÈDCBC•x²è *****
0087  . S. DC-BC dcbc-153:DCBC
0088  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089  C.
0090  C.
0091  . C. ;ãLOSÁY$YÄY~¼Ä»Û;ä
0092  C.
0093  . C. ***** LOS *****
0094  C.
  
```





```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-284:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2018-07-17 10:37:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 +. DC 07-F0 MDP_XRT_CTRL_MANU
0136 BC (c1)
0137 + DC 07-F0 MDP_XRT_MODE_STBY
0138 BC (c3)
0139 . C. ----- Success Verify ? OK / NG____
0140 C.
0141 C. XRT Obs. Table Upload
0142 . S. RAM ram-291:MDP_OBS_X
0143 ( )
0144 C.
0145 +. DC 07-F0 MDP_DUMP_XRTTBL
0146 BC (84 07 00 00 00 3a d4)
0147 . C. ----- Comparison Check ? OK / ERR ____
0148 C.
0149 C.
0150 +. DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 01 b1 b1 04 04)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 02 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 03 b1 b1 08 08)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 04 b1 b1 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 05 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 06 80 80 20 20)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 07 80 80 20 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 08 80 80 08 20)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 09 80 80 08 08)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0a 85 83 06 06)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0b 85 83 08 08)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0c 80 60 20 18)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 0d a0 80 18 20)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 0f 80 80 06 06)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 10 80 80 08 08)
0180 + DC 07-F0 MDP_XRT_FLD_ENA
0181 BC (d8)
0182 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0183 BC (c8)
0184 + DC 07-F0 MDP_XRT_ARS_DIS
0185 BC (d5)
0186 + DC 07-F0 MDP_XRT_AEC_RESET
0187 BC (d0)
0188 + DC 07-F0 MDP_XRT_FLD_RESET
0189 BC (da)
0190 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0191 BC (c4 02)
0192 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0193 BC (c5 0d)

```

```

0194 . C. ----- Success Verify ?           OK / NG ____
0195 C.
0196 C.
0197 . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0198 C.
0199 +. DC 07-F0 MDP_XRT_MODE_OBSV
0200 BC      (c2)
0201 +. TI 2018-07-17 10:37:02.0
0202 DC 07-F0 MDP_XRT_MODE_OBSV
0203 BC      (c2)
0204 . C. ----- Success Verify ?           OK / NG ____
0205 C.
0206 C. ***** XRT END *****
0207 C.
0208 . C. ***** MDP `úÃîâî»ö¼ÝðÊÂð¹ñèDCBC•x²è *****
0209 C. (¼á°îÏÓÏÁÏÊÏËÏäÏåÏæÏçÏèÏé%¼ð¼Á»Û¹ñè)
0210 . S. DC-BC dcbc-402:DCBC
0211 (MDP_known_event)
0212 C.
0213 C.
0214 . C. ***** ÿÐÿ¹•İ Daily±¿İÑñÊ´Ø¹ñèDCBC•x²è *****
0215 . S. DC-BC dcbc-153:DCBC
0216 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0217 C.
0218 C.
0219 . C. ;ãLOSÏÁÏ$ÏÏÏ-¼Á»Û;ä
0220 C.
0221 . C. ***** LOS *****
0222 C.

```



Jul 17, 18 14:36

XRT\_OGLIST\_0630.chk

Page 1/30

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

2018/07/17	10:47:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/17	10:47:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/17	10:48:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 04 fd 01 99
2018/07/17	10:48:16.0	XRT_FLD_ENA_446_OG [0x1be]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/17	10:50:30.0	XRT_Custom_430_OG [0x1ae]			
2018/07/17	10:50:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/17	10:50:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/17	10:50:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/17	10:50:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/17	10:50:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/07/17	10:50:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/17	10:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/17	10:56:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/17	10:56:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/17	10:57:16.0	XRT_FLD_ENA_446_OG [0x1be]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/17	10:59:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/17	10:59:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/17	10:59:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/17	10:59:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/17	10:59:56.0	XRT_QT_PROG_SET_409_OG [0x199]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2018/07/17	10:59:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/17	11:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/17	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/17	11:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/17	12:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	01 00 00 00 00
2018/07/17	12:00:16.0	XRT_FLD_ENA_446_OG [0x1be]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/17	12:00:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/17	12:00:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/17	12:00:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/17	12:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/17	12:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/17	12:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/17	12:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/17	12:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/07/17	12:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/17	12:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/17	12:28:30.0	XRT_Custom_430_OG [0x1ae]			
2018/07/17	12:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/17	13:38:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/17	13:38:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/17	13:38:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/17	13:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/17	14:07:00.0	XRT_Custom_430_OG [0x1ae]			
2018/07/17	14:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/17	15:17:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/17	15:17:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/17	15:17:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8

Tuesday July 17, 2018

1/30

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 2/30

2018/07/17	15:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/17	15:51:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/17	15:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	15:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	15:57:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/17	15:57:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/17	16:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/17	16:01:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/17	16:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	16:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	16:55:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/17	16:55:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/17	16:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/17	17:37:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/17	17:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	17:53:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	17:53:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	17:53:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/17	17:54:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/17	17:54:18.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/17	17:56:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/17	17:56:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/17	17:56:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2018/07/17	17:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	18:03:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	18:03:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/17	18:04:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2018/07/17	18:04:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/17	18:06:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/17	18:06:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/17	18:06:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/17	18:06:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/17	18:06:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2018/07/17	18:06:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/17	18:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	18:33:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	18:33:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/17	18:33:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/17	18:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/17	19:14:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/17	19:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	20:12:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	20:12:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/17	20:12:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/17	20:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/17	20:51:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/17	20:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	21:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	21:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

2018/07/17	21:50:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/17	21:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/17	22:27:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/17	22:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/17	23:29:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/17	23:29:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/17	23:29:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/17	23:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/17	23:57:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/17	23:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	01:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	01:07:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	01:07:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	01:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	01:35:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/18	01:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	02:41:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	02:41:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	02:41:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	02:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	02:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/18	03:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/18	03:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/18	03:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/18	03:02:50.5	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/18	03:02:52.5	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/18	03:02:54.5	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	03:02:56.5	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/18	03:02:58.5	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/18	03:14:01.0	XRT_Custom_430_OG [0x1ae]							
2018/07/18	03:15:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	04:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	04:09:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	04:09:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	04:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	04:52:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/18	04:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	05:49:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	05:49:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	05:49:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	05:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	06:34:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	06:34:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/18	06:35:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/18	06:35:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/18	06:35:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/18	06:35:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/18	06:37:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 4/30

2018/07/18	06:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/18	06:44:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/18	06:44:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/07/18	06:45:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	04 00 00 00 00
2018/07/18	06:45:16.0	XRT_FLD_ENA_446_OG [0x1be]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/18	06:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/18	06:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/18	06:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/18	06:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/18	06:47:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2018/07/18	06:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/18	06:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/18	07:29:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/18	07:29:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/18	07:29:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/18	07:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/18	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/18	07:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/18	08:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	00 04 fd 01 99
2018/07/18	08:00:16.0	XRT_FLD_ENA_446_OG [0x1be]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/18	08:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/18	08:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/18	08:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/18	08:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/18	08:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/07/18	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/18	08:09:00.0	XRT_Custom_430_OG [0x1ae]			
2018/07/18	08:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/18	09:09:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/18	09:09:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/18	09:09:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/18	09:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/18	09:47:00.0	XRT_Custom_430_OG [0x1ae]			
2018/07/18	09:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/18	09:56:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/18	09:56:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/18	09:57:16.0	XRT_FLD_ENA_446_OG [0x1be]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/18	09:59:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/18	09:59:50.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/18	09:59:52.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/18	09:59:54.0	XRT_FLD_RESET_420_OG [0x1a4]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/18	09:59:56.0	XRT_QT_PROG_SET_409_OG [0x199]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2018/07/18	09:59:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/18	10:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/18	10:51:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/18	10:51:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/18	10:51:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/18	10:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			



Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 5/30

2018/07/18	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	11:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/07/18	11:30:00.0	AOCs_Orе-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	04	00	00	00	00
2018/07/18	11:30:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/18	11:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/18	11:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/18	11:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/18	11:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	11:32:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2018/07/18	11:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/07/18	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	12:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	12:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	12:35:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	12:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	13:04:00.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]							
2018/07/18	13:05:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	14:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	14:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	14:14:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	14:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	14:46:00.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]							
2018/07/18	14:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	15:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	15:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	15:52:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	15:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	16:35:30.0	XRT_Custom_430_OG [0x1ae]	XRT_Custom_430_OG [0x1ae]							
2018/07/18	16:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	17:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	17:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/18	17:31:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/18	17:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/18	18:12:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	18:12:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/07/18	18:12:30.5	AOCs_Orе-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00	00
2018/07/18	18:12:46.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/18	18:12:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/18	18:12:50.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/18	18:15:28.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02			
2018/07/18	18:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/18	18:22:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/18	18:22:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/07/18	18:22:30.0	AOCs_Orе-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	04	00	00	00	00
2018/07/18	18:22:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/18	18:25:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/18	18:25:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/18	18:25:22.0	XRT_ARS_DIS_423_OG [0x1a7]	XRT_ARS_DIS_423_OG [0x1a7]							

Tuesday July 17, 2018

5/30

2018/07/18	18:25:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/18	18:25:26.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/18	18:25:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06	
2018/07/18	18:25:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/18	19:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/18	19:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/18	19:09:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/18	19:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/18	19:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/18	19:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/07/18	20:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/18	20:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/18	20:47:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/18	20:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/18	21:26:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/18	21:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/07/18	22:26:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/18	22:26:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/18	22:26:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/18	22:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/18	23:02:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/18	23:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/07/19	00:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	00:04:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	00:04:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	00:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	00:32:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	00:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/07/19	01:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	01:42:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	01:42:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	01:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	02:10:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	02:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2018/07/19	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	02:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	03:00:00.0	AOCs_Orе-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/07/19	03:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	00 00 00 00	
2018/07/19	03:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	03:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	03:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	03:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	03:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	03:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2018/07/19	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/19	03:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	03:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	03:16:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	03:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		

2018/07/19	03:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	03:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/19	04:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	04:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	04:45:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_RESET	1	07-F0	da		
2018/07/19	04:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	05:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	05:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/19	05:57:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	05:57:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	05:58:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/19	05:58:16.0	XRT_FLD_DIS_401_OG [0x191]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/07/19	05:58:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/07/19	05:58:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/07/19	06:00:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	06:01:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2018/07/19	06:07:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	06:07:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	06:08:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/07/19	06:08:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	04 00 00 00 00		
2018/07/19	06:10:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	06:10:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	06:10:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	06:10:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	06:10:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	06:10:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2018/07/19	06:11:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/07/19	06:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	06:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	06:25:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	06:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	07:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	07:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/19	07:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	07:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	07:45:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/19	07:45:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 04 fd 01 99		
2018/07/19	07:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	07:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	07:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	07:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	07:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	07:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2018/07/19	07:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/07/19	08:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	08:06:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	08:06:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	08:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		

2018/07/19	08:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	08:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/19	09:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	09:45:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	09:45:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	09:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	10:20:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	10:20:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	10:20:46.0	XRT_FLD_ENA_446_OG [0x1be]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/19	10:23:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	10:23:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	10:23:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	10:23:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	10:23:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	10:23:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2018/07/19	10:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/07/19	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	11:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	11:30:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/07/19	11:30:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	04 00 00 00 00		
2018/07/19	11:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	11:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	11:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	11:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	11:32:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	11:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2018/07/19	11:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/07/19	11:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	11:33:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	11:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	12:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	12:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/19	13:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	13:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	13:11:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	13:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	13:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	13:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
2018/07/19	14:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	14:24:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	14:25:00.0	AOCS_ORe-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/19	14:25:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/07/19	14:27:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	14:27:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	14:27:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	14:27:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	14:27:56.0	XRT_QT_PROG_SET_437_OG [0x1b5]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	14:27:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 9/30

2018/07/19	14:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	14:48:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	14:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	14:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	14:49:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	14:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/19	15:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/19	15:14:56.0	XRT_FOCUS_RECALIBRATE_425_OG [0x1a9]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	15:15:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_RECAL	2	07-F8	78	00
2018/07/19	15:18:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	AOCU_NM	5	02-76	00	fc 9c f3 1b
2018/07/19	15:19:16.0	XRT_FLD_ENA_446_OG [0x1be]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/19	15:21:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/19	15:21:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/19	15:21:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/19	15:21:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/19	15:21:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	15:21:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/07/19	15:23:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	15:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2018/07/19	15:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	15:29:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	15:30:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/19	15:30:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	f4 32 e4 8c
2018/07/19	15:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/19	15:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/19	15:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/19	15:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/19	15:32:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	15:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/07/19	15:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	15:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_408_OG [0x198]				
2018/07/19	15:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	15:45:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	15:45:16.0	XRT_FLD_ENA_446_OG [0x1be]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/19	15:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	AOCU_NM	5	02-76	00	eb cf d6 0d
2018/07/19	15:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/19	15:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/19	15:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/19	15:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/19	15:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	15:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/07/19	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	15:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_CTRL_AUTO_408_OG [0x198]				
2018/07/19	16:00:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	16:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	16:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/19	16:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	AOCU_NM	5	02-76	00	e3 75 c7 75

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 10/30

2018/07/19	16:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	16:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	16:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2018/07/19	16:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/19	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	16:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	16:14:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2018/07/19	16:15:00.0	AOCS_Orе-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00	db	03 b8 fe
2018/07/19	16:15:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	16:17:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	16:17:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	16:17:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	16:17:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	16:17:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2018/07/19	16:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/19	16:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	16:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	16:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	16:28:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/19	16:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/19	16:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	16:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2018/07/19	17:00:00.0	AOCS_Orе-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00	e7	e8 f0 cd
2018/07/19	17:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	17:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	17:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	17:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	17:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	17:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2018/07/19	17:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/19	17:10:30.0	XRT_Custom_430_OG [0x1ae]						
2018/07/19	17:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	17:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	17:14:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2018/07/19	17:15:00.0	AOCS_Orе-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00	d9	69 e8 73
2018/07/19	17:15:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/19	17:17:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/19	17:17:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/19	17:17:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/19	17:17:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/19	17:17:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05	
2018/07/19	17:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/19	17:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/19	17:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/19	17:29:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2018/07/19	17:30:00.0	AOCS_Orе-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00	ca	da e0 19
2018/07/19	17:30:16.0	XRT_FLD_ENA_446_OG [0x1be]						

2018/07/19	17:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/19	17:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/19	17:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/19	17:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/19	17:32:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	17:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/07/19	17:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	17:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	17:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	17:45:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/19	17:45:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	bc 5b d7 a6
2018/07/19	17:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/19	17:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/19	17:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/19	17:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/19	17:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	17:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/07/19	17:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	18:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/19	18:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	04 fd 01 99
2018/07/19	18:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/19	18:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/19	18:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/19	18:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/19	18:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	18:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/07/19	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	18:06:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	18:06:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	18:06:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	18:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/19	18:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/19	18:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	18:45:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/19	18:45:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00	d2 a8 01 99
2018/07/19	18:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/19	18:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/19	18:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/19	18:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/19	18:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/19	18:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	05
2018/07/19	18:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/19	18:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/19	18:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/19	18:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00

Jul 17, 18 14:36

XRT\_OGLIST\_0630.chk

Page 12/30

2018/07/19	19:00:00.0	AOCS_OrE-point_Start_15_OG [0x0a5] AOCU_NM	5	02-76	00	c1	dc	01	99
2018/07/19	19:00:16.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/07/19	19:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/07/19	19:02:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/07/19	19:02:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/07/19	19:02:54.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	19:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3] MDP_XRT_QT_PROG_SET	2	07-F0		c4		05	
2018/07/19	19:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0		c5		0d	
2018/07/19	19:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	19:14:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	19:14:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8		22	ff	aa	00
2018/07/19	19:15:00.0	AOCS_OrE-point_Start_16_OG [0x0a6] AOCU_NM	5	02-76	00	b1	0f	01	99
2018/07/19	19:15:16.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/07/19	19:17:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/07/19	19:17:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/07/19	19:17:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/07/19	19:17:54.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	19:17:56.0	XRT_QT_PROG_SET_435_OG [0x1b3] MDP_XRT_QT_PROG_SET	2	07-F0		c4		05	
2018/07/19	19:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0		c5		0d	
2018/07/19	19:18:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	19:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	19:29:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	19:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8		22	ff	aa	00
2018/07/19	19:30:00.0	AOCS_OrE-point_Start_1_OG [0x097] AOCU_NM	5	02-76	00	04	fd	01	99
2018/07/19	19:30:18.0	XRT_FLD_DIS_413_OG [0x19d] MDP_XRT_FLD_DIS	1	07-F0		d9			
2018/07/19	19:32:54.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0		c9			
2018/07/19	19:32:56.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/07/19	19:32:58.0	XRT_QT_PROG_SET_414_OG [0x19e] MDP_XRT_QT_PROG_SET	2	07-F0		c4		12	
2018/07/19	19:33:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	19:44:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	19:44:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	19:44:34.0	XRT_PREFLR_STRT_427_OG [0x1ab] MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2018/07/19	19:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2018/07/19	20:14:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	20:14:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8		22	ff	aa	00
2018/07/19	20:15:00.0	AOCS_OrE-point_Start_17_OG [0x0a7] AOCU_NM	5	02-76	00	d9	69	1a	c0
2018/07/19	20:15:16.0	XRT_FLD_ENA_446_OG [0x1be] MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/07/19	20:17:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/07/19	20:17:50.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/07/19	20:17:52.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/07/19	20:17:54.0	XRT_FLD_RESET_420_OG [0x1a4] MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	20:17:56.0	XRT_QT_PROG_SET_435_OG [0x1b3] MDP_XRT_QT_PROG_SET	2	07-F0		c4		05	
2018/07/19	20:17:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0		c5		0d	
2018/07/19	20:24:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/19	20:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	20:29:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	20:29:56.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8		22	ff	aa	00



Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 13/30

2018/07/19	20:30:00.0	AOCS_OrE-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00	ca	da	23	1a
2018/07/19	20:30:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/07/19	20:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/07/19	20:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/07/19	20:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/07/19	20:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	20:32:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0		c4	05		
2018/07/19	20:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0		c5	0d		
2018/07/19	20:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	20:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	20:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2018/07/19	20:45:00.0	AOCS_OrE-point_Start_19_OG [0x0a9]							
		AOCU_NM	5	02-76	00	bc	5b	2b	8d
2018/07/19	20:45:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/07/19	20:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/07/19	20:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/07/19	20:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/07/19	20:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	20:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0		c4	05		
2018/07/19	20:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0		c5	0d		
2018/07/19	20:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	20:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	20:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2018/07/19	21:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04	00	00	00	00
2018/07/19	21:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0		d8			
2018/07/19	21:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0		c8			
2018/07/19	21:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0		d0			
2018/07/19	21:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0		d5			
2018/07/19	21:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	21:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0		c4	06		
2018/07/19	21:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0		c5	0d		
2018/07/19	21:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	21:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	21:23:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	21:23:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2018/07/19	21:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2018/07/19	22:01:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/19	22:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/19	23:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/19	23:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/19	23:01:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2018/07/19	23:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2018/07/19	23:35:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/19	23:36:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0		c0			
2018/07/20	00:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0		c1			
2018/07/20	00:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0		da			
2018/07/20	00:39:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0		e8			
2018/07/20	00:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0		e9			
2018/07/20	01:07:30.0	XRT_Custom_430_OG [0x1ae]							

Jul 17, 18 14:36

XRT\_OGLIST\_0630.chk

Page 14/30

2018/07/20	01:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/20	02:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/20	02:15:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/20	02:15:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/20	02:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/20	02:46:00.0	XRT_Custom_430_OG [0x1ae]						
2018/07/20	02:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/20	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/20	02:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/20	03:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/07/20	03:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/20	03:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/20	03:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/20	03:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/20	03:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/20	03:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2018/07/20	03:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2018/07/20	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/20	03:50:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/20	03:50:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/20	03:50:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/20	03:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/20	04:24:30.0	XRT_Custom_430_OG [0x1ae]						
2018/07/20	04:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/20	05:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/20	05:21:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/20	05:21:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/20	05:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/20	06:02:30.0	XRT_Custom_430_OG [0x1ae]						
2018/07/20	06:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/20	06:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/20	06:06:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2018/07/20	06:07:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00		
2018/07/20	06:07:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/07/20	06:07:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/07/20	06:07:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/20	06:09:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02		
2018/07/20	06:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/20	06:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/20	06:16:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2018/07/20	06:17:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	04 00 00 00 00		
2018/07/20	06:17:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/20	06:19:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/20	06:19:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/20	06:19:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/20	06:19:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/20	06:19:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2018/07/20	06:19:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 15/30

2018/07/20	06:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/20	07:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/20	07:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/20	07:01:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/20	07:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/20	07:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/20	07:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/20	07:45:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 04 fd 01 99				
2018/07/20	07:45:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/20	07:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/20	07:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/20	07:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/20	07:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/20	07:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2018/07/20	07:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/20	07:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/20	08:41:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/20	08:41:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/20	08:41:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/20	08:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/20	09:19:30.5	XRT_Custom_430_OG [0x1ae]							
2018/07/20	09:20:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/20	09:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/20	09:56:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/20	09:57:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/20	09:59:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/20	09:59:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/20	09:59:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/20	09:59:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/20	09:59:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/20	09:59:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/20	10:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/20	10:22:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/20	10:22:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/20	10:22:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/20	10:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/20	10:58:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/20	10:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/20	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/20	11:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/20	11:30:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2018/07/20	11:30:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/20	11:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/20	11:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/20	11:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/20	11:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/20	11:32:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2018/07/20	11:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 16/30

2018/07/20	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	12:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	12:08:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	12:08:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	12:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	12:36:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	12:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	13:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	13:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	13:46:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	13:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	14:14:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	14:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	15:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	15:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	15:25:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	15:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	15:59:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	16:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	16:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	16:03:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	16:03:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	16:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	16:08:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	16:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	17:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	17:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	17:03:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	17:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	17:45:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	17:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	18:00:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	18:00:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/07/20	18:00:30.0	AOCs_Orе-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00	
2018/07/20	18:00:46.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2018/07/20	18:00:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2018/07/20	18:00:50.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/20	18:03:28.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02	
2018/07/20	18:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	18:10:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	18:10:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2018/07/20	18:10:30.0	AOCs_Orе-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	01 00 00 00 00	
2018/07/20	18:10:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/20	18:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/20	18:13:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/20	18:13:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/20	18:13:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	18:13:26.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2018/07/20	18:13:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]					

2018/07/20	18:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	18:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	18:41:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	18:41:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	18:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	19:22:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	19:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	20:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	20:20:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	20:20:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	20:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	20:59:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	21:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	21:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	21:58:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	21:58:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	22:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/20	22:35:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/20	22:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/20	23:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/20	23:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/20	23:37:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/20	23:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	00:04:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/21	00:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	01:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	01:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	01:15:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/21	01:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	01:43:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/21	01:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	02:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	02:29:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2018/07/21	02:30:00.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00 00 00 00
2018/07/21	02:30:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/21	02:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/21	02:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/21	02:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/21	02:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	02:32:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2018/07/21	02:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/21	02:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	02:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	02:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	02:49:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/21	02:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	03:21:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/21	03:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	04:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 18/30

2018/07/21	04:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/21	04:17:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/21	04:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/21	04:59:30.0	XRT_Custom_430_OG [0x1ae]				
2018/07/21	05:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/21	05:30:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/21	05:30:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/21	05:30:30.0	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2018/07/21	05:30:46.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9
2018/07/21	05:30:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2018/07/21	05:30:50.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/21	05:33:28.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2018/07/21	05:33:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/21	05:40:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/21	05:40:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/07/21	05:40:30.0	AOCS_ORe-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 ff a6 af 34
2018/07/21	05:40:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/21	05:43:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/21	05:43:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/21	05:43:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/21	05:43:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/21	05:43:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2018/07/21	05:43:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/21	05:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/21	05:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/21	05:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/21	05:57:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/21	06:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/21	06:38:00.0	XRT_Custom_430_OG [0x1ae]				
2018/07/21	06:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/21	07:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/21	07:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/21	07:37:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/21	07:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/21	07:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/21	07:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/21	08:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 04 fd 01 99
2018/07/21	08:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/21	08:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/21	08:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/21	08:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/21	08:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/21	08:02:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/07/21	08:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/21	08:16:30.0	XRT_Custom_430_OG [0x1ae]				
2018/07/21	08:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/21	09:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/21	09:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 19/30

2018/07/21	09:17:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/21	09:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	09:52:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	09:52:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/07/21	09:52:46.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/21	09:55:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/21	09:55:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/21	09:55:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/21	09:55:24.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	09:55:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2018/07/21	09:55:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/21	09:55:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	10:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	10:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	10:59:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/21	11:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	11:33:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/21	11:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	11:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2018/07/21	12:00:00.0	AOCS_OrE-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00 ff a6 b0	00
2018/07/21	12:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/21	12:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/21	12:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/21	12:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/21	12:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	12:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
2018/07/21	12:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/21	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	12:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	12:43:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	12:43:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/21	12:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	13:11:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/21	13:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	14:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	14:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	14:22:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/21	14:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	14:54:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/21	14:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	16:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	16:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/21	16:00:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/21	16:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/21	16:43:00.0	XRT_Custom_430_OG [0x1ae]					
2018/07/21	16:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/21	17:38:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/21	17:38:32.0	XRT_FLD_RESET_415_OG [0x19f]					

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 20/30

2018/07/21	17:38:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/21	17:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/21	18:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/21	18:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/21	18:19:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00			
2018/07/21	18:20:00.5	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00	00 00			
2018/07/21	18:20:18.0	XRT_FLD_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/21	18:22:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/21	18:22:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/21	18:22:58.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12			
2018/07/21	18:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/21	18:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/21	18:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00			
2018/07/21	18:30:00.0	AOCS_Ore-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 ff a6 af	34			
2018/07/21	18:30:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/21	18:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/21	18:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/21	18:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/21	18:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/21	18:32:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06			
2018/07/21	18:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/07/21	18:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/21	19:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/21	19:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/21	19:17:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/21	19:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/21	19:56:30.0	XRT_Custom_430_OG [0x1ae]								
2018/07/21	19:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/21	20:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/21	20:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/21	20:55:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/21	20:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/21	21:34:00.0	XRT_Custom_430_OG [0x1ae]								
2018/07/21	21:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/21	22:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/21	22:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/21	22:34:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/21	22:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/21	23:09:00.0	XRT_Custom_430_OG [0x1ae]								
2018/07/21	23:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	00:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	00:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	00:12:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/22	00:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/22	00:40:00.0	XRT_Custom_430_OG [0x1ae]								
2018/07/22	00:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	01:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	01:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				



Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 21/30

2018/07/22	01:49:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/22	01:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/22	02:18:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	02:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	02:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/22	03:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/22	03:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/22	03:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/22	03:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/22	03:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/22	03:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	03:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/22	03:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/22	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	03:23:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	03:23:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	03:23:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/22	03:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/22	03:56:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	03:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	04:53:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	04:53:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	04:53:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/22	04:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/22	05:35:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	05:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	06:04:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	06:04:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/22	06:04:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/22	06:04:46.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/22	06:04:48.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/22	06:04:50.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/22	06:07:28.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2018/07/22	06:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	06:14:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	06:14:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/22	06:14:30.0	AOCS_Ore-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	00 ff a6 af 34				
2018/07/22	06:14:46.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/22	06:17:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/22	06:17:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/22	06:17:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/22	06:17:24.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	06:17:26.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/07/22	06:17:28.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/22	06:17:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	06:33:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	06:33:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 22/30

2018/07/22	06:33:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/22	06:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/22	07:13:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	07:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	07:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	07:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/22	07:45:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 04 fd 01 99				
2018/07/22	07:45:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/22	07:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/22	07:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/22	07:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/22	07:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	07:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05				
2018/07/22	07:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/22	07:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	08:13:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	08:13:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	08:13:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/22	08:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/22	08:51:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	08:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	09:53:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	09:53:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	09:53:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/22	09:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/22	10:27:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	10:27:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/22	10:28:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/22	10:30:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/22	10:30:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/22	10:30:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/22	10:30:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	10:30:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/22	10:30:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/22	10:31:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	11:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/22	11:30:00.0	AOCS_Ore-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	00 ff a6 af 34				
2018/07/22	11:30:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/22	11:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/22	11:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/22	11:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/22	11:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/22	11:32:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/07/22	11:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/22	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/22	11:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/22	11:40:32.0	XRT_FLD_RESET_415_OG [0x19f]							

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 23/30

2018/07/22	11:40:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	11:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	12:08:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	12:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	13:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	13:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	13:19:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	13:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	13:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	13:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	14:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	14:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	14:57:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	15:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	15:31:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	15:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	16:36:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	16:36:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	16:36:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	16:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	17:18:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	17:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/07/22	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00			
2018/07/22	18:00:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/07/22	18:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/07/22	18:00:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/22	18:02:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02			
2018/07/22	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2018/07/22	18:10:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 ff a6 af 34			
2018/07/22	18:10:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/22	18:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/22	18:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/22	18:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/22	18:12:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	18:12:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08			
2018/07/22	18:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/07/22	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	18:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	18:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	18:14:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	18:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	18:54:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	18:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	19:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	19:52:32.0	XRT_FLD_RESET_415_OG [0x19f]							

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 24/30

2018/07/22	19:52:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da			
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	19:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	20:31:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	20:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	21:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	21:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	21:31:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	21:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	22:08:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	22:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/22	23:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/22	23:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/22	23:09:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/22	23:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/22	23:43:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/22	23:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/23	00:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/23	00:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/23	00:47:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/23	00:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/23	01:15:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/23	01:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/23	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/23	01:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/07/23	02:00:00.0	AOCS_Orе-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00			
2018/07/23	02:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2018/07/23	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2018/07/23	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2018/07/23	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/23	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/23	02:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2018/07/23	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d			
2018/07/23	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/23	02:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/23	02:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2018/07/23	02:22:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2018/07/23	02:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2018/07/23	02:53:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/23	02:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/23	03:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/23	03:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2018/07/23	03:45:00.0	AOCS_Orе-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00			
2018/07/23	03:45:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2018/07/23	03:45:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2018/07/23	03:45:20.0	XRT_ARS_DIS_417_OG [0x1a1]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2018/07/23	03:47:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02			
2018/07/23	03:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2018/07/23	03:56:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2018/07/23	03:56:02.0	XRT_FLD_RESET_415_OG [0x19f]							

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 25/30

2018/07/23	03:56:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/23	03:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/23	04:28:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/23	04:28:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/23	04:29:16.0	XRT_FLD_ENA_446_OG [0x1be]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/23	04:31:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/23	04:31:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/23	04:31:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/23	04:31:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/23	04:31:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/23	04:31:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2018/07/23	04:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/23	04:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/07/23	05:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/23	05:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/23	05:29:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/23	05:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/23	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/23	05:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/23	06:00:00.0	AOCS_Ore-point_Start_20_OG [0x0aa]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2018/07/23	06:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 ff a6 af 34
2018/07/23	06:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/23	06:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/23	06:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/23	06:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/23	06:02:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/23	06:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2018/07/23	06:10:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/23	06:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/07/23	07:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/23	07:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/23	07:09:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/23	07:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2018/07/23	07:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2018/07/23	07:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/23	07:45:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2018/07/23	07:45:16.0	XRT_FLD_ENA_446_OG [0x1be]	AOCU_NM	5	02-76	00 04 fd 01 99
2018/07/23	07:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2018/07/23	07:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2018/07/23	07:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2018/07/23	07:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2018/07/23	07:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2018/07/23	07:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2018/07/23	07:48:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2018/07/23	07:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2018/07/23	08:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2018/07/23	08:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2018/07/23	08:49:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 26/30

2018/07/23	08:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2018/07/23	09:24:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	e9	
2018/07/23	09:24:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2018/07/23	09:25:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/23	09:27:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/23	09:27:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/23	09:27:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/23	09:27:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/23	09:27:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2018/07/23	09:27:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/23	09:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/23	10:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/23	10:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/23	10:30:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/23	10:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/23	11:05:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/23	11:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/23	11:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/23	11:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2018/07/23	11:30:00.0	AOCS_Ore-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 ff a6 af	34
2018/07/23	11:30:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/23	11:32:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/23	11:32:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/23	11:32:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/23	11:32:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/23	11:32:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2018/07/23	11:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/23	11:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/23	12:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/23	12:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/23	12:16:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2018/07/23	12:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2018/07/23	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/23	12:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2018/07/23	12:30:00.0	AOCS_Ore-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00 d4 00 01	99
2018/07/23	12:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2018/07/23	12:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2018/07/23	12:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2018/07/23	12:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2018/07/23	12:30:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/23	12:32:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2018/07/23	12:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d
2018/07/23	12:43:30.0	XRT_Custom_430_OG [0x1ae]					
2018/07/23	12:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2018/07/23	13:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2018/07/23	13:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2018/07/23	13:54:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 27/30

2018/07/23	13:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/23	14:22:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/23	14:23:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/23	15:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	15:33:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/23	15:33:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/23	15:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/23	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	15:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/23	16:00:00.0	AOCS_Ore-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	00 44 cc 01 99				
2018/07/23	16:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/23	16:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/23	16:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/23	16:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/23	16:00:24.0	XRT_FLD_RESET_429_OG [0x1ad]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/23	16:02:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2018/07/23	16:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/23	16:07:01.0	XRT_Custom_430_OG [0x1ae]							
2018/07/23	16:08:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/23	16:08:01.5	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	16:08:03.5	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/23	16:08:05.5	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/23	16:11:15.5	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/23	16:16:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/23	16:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/23	17:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	17:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/23	17:11:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/23	17:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/23	17:52:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/23	17:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/23	18:49:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	18:49:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/23	18:49:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/23	18:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/23	19:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	19:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	19:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/23	19:30:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/23	19:30:18.0	XRT_FLD_DIS_413_OG [0x19d]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/23	19:32:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/23	19:32:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/23	19:32:58.0	XRT_QT_PROG_SET_414_OG [0x19e]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2018/07/23	19:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/23	19:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/23	19:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/23	19:40:00.0	AOCS_Ore-point_Start_24_OG [0x0ae]							
		AOCU_NM	5	02-76	00 ad 59 00 00				
2018/07/23	19:40:16.0	XRT_FLD_DIS_431_OG [0x1af]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/23	19:54:54.0	XRT_FLRCTRL_DIS_434_OG [0x1b2]							

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 28/30

2018/07/23	19:54:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
			MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/23	19:54:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	07	
2018/07/23	19:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/23	21:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/23	21:39:56.0	XRT_FOCUS_POSITION_441_OG [0x1b9]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2018/07/23	21:40:00.0	AOCS_Ore-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00 00 00	56 35	
2018/07/23	21:40:16.0	XRT_FLD_DIS_431_OG [0x1af]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2018/07/23	21:54:54.0	XRT_FLRCTRL_DIS_434_OG [0x1b2]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2018/07/23	21:54:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/23	21:54:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2018/07/23	21:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/23	23:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/23	23:39:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00	
2018/07/23	23:40:00.0	AOCS_Ore-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 ff	a6 af 34	
2018/07/23	23:40:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/23	23:42:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/23	23:42:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/23	23:42:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/23	23:42:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/23	23:42:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08	
2018/07/23	23:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/23	23:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/23	23:44:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/23	23:44:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/23	23:44:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/23	23:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/24	00:12:00.0	XRT_Custom_430_OG [0x1ae]						
2018/07/24	00:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/24	01:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/24	01:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/24	01:23:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2018/07/24	01:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2018/07/24	01:50:30.0	XRT_Custom_430_OG [0x1ae]						
2018/07/24	01:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/24	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/24	01:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2018/07/24	02:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00	00 00	
2018/07/24	02:00:16.0	XRT_FLD_ENA_446_OG [0x1be]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2018/07/24	02:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2018/07/24	02:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2018/07/24	02:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2018/07/24	02:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]	MDP_XRT_FLD_RESET	1	07-F0	da		
2018/07/24	02:02:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2018/07/24	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d	
2018/07/24	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2018/07/24	02:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2018/07/24	02:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		



Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 29/30

2018/07/24	02:56:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	02:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	03:29:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/24	03:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	03:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/24	04:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2018/07/24	04:00:16.0	XRT_FLD_DIS_401_OG [0x191]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2018/07/24	04:00:18.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2018/07/24	04:00:20.0	XRT_ARS_DIS_417_OG [0x1a1]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/24	04:02:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02				
2018/07/24	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	04:11:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	04:11:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/24	04:12:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/24	04:14:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/24	04:14:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/24	04:14:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/24	04:14:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	04:14:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2018/07/24	04:14:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/24	04:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	04:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	04:25:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	04:25:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	04:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	05:07:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/24	05:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	05:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2018/07/24	06:00:00.0	AOCS_OrE-point_Start_20_OG [0x0aa]							
		AOCU_NM	5	02-76	00 ff a6 af 34				
2018/07/24	06:00:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/24	06:02:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/24	06:02:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/24	06:02:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/24	06:02:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	06:02:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08				
2018/07/24	06:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2018/07/24	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	06:05:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	06:05:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	06:05:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	06:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	06:45:30.0	XRT_Custom_430_OG [0x1ae]							
2018/07/24	06:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	07:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	07:44:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2018/07/24	07:45:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 04 fd 01 99				

Jul 17, 18 14:36

## XRT\_OGLIST\_0630.chk

Page 30/30

2018/07/24	07:45:16.0	XRT_FLD_ENA_446_OG [0x1be]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2018/07/24	07:45:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	07:45:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	07:45:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	07:47:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2018/07/24	07:47:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2018/07/24	07:47:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2018/07/24	07:47:54.0	XRT_FLD_RESET_420_OG [0x1a4]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	07:47:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2018/07/24	07:47:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	0d			
2018/07/24	07:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	08:24:00.0	XRT_Custom_430_OG [0x1ae]							
2018/07/24	08:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2018/07/24	08:55:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	09:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	09:25:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	09:25:04.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	09:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	11:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	11:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	11:07:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	11:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	11:13:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2018/07/24	11:13:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2018/07/24	11:13:34.0	XRT_PREFLR_STRT_427_OG [0x1ab]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2018/07/24	11:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2018/07/24	11:38:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00