

XRT Timeline to be uploaded on 2017/05/23

Period: 2017/05/23 10:52:00 - 2017/05/31 09:36:00

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Normal mode

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XOB #1AFF: 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
05/23 11:05:00 - 05/23 13:20:00	Track (-95.2, 213.5) @ 05/23 11:02:00	# track AR
05/23 18:13:00 - 05/24 05:31:30	Track (-31.2, 213.0) @ 05/23 18:10:00	# AR tracking
05/24 06:30:00 - 05/24 13:55:30	Track (79.2, 212.0) @ 05/24 06:27:00	# track AR
05/24 18:09:00 - 05/25 05:39:54	Track (182.8, 210.6) @ 05/24 18:06:00	# AR tracking

PROG= 17 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec	Seqn= 56 1-time(s) 2.0sec	Open/G-band	Open/G-band	Open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
		Open/G-band	Open/G-band	close	Safe	Norm	3ms	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

Subr= 2 5-time(s) 2.0sec

Seqn= 75 1-time(s) 2.0sec	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

Seqn= 96 4-time(s) 60.0sec

Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	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	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 #1B88: AR - HOP 337 - Al-poly (Thick-Al) AEC -1 + Gband (3ms VLS open and closed) + Darks, 512x512, 60s cad

Term	Pointing (x, y)	Comment
05/23 13:53:00 - 05/23 17:59:54	Track (-294.8, -205.7) @ 05/23 13:50:00	HOP337 - filament
05/24 14:33:00 - 05/24 17:12:30	Track (-81.4, -206.4) @ 05/24 14:30:00	HOP337 - filament
05/25 15:06:30 - 05/25 17:47:30	Track (130.7, -208.4) @ 05/25 14:30:00	HOP337 - filament
05/26 14:03:00 - 05/26 17:59:54	Track (331.6, -211.4) @ 05/26 14:00:00	HOP337 - filament
05/29 14:06:00 - 05/29 18:06:24	Track (802.1, -223.1) @ 05/29 14:00:00	HOP337 - filament

PROG= 15 Inf.-time(s)

Subr= 1 1-time(s) 60.0sec	Seqn= 56 1-time(s) 2.0sec	Open/G-band	Open/G-band	Open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
		Open/G-band	Open/G-band	close	Safe	Norm	3ms	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

Subr= 2 1-time(s) 2.0sec

Seqn= 25 120-time(s) 60.0sec	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	1	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	512x512 (1024, 1024)	DPCM	1	0	2.0sec

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

XOB #1B64: 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
05/23 18:03:00 - 05/23 18:09:54	Fixed (0.0, 0.0)	synoptic
05/24 06:20:00 - 05/24 06:26:54	Fixed (0.0, 0.0)	synoptic, shifted 17.0 min
05/25 05:43:00 - 05/25 05:49:54	Fixed (0.0, 0.0)	synoptic, shifted -20.0 min
05/25 18:33:00 - 05/25 18:39:54	Fixed (0.0, 0.0)	synoptic, shifted -26.0 min
05/26 06:03:00 - 05/26 06:09:54	Fixed (0.0, 0.0)	synoptic
05/26 18:03:00 - 05/26 18:09:54	Fixed (0.0, 0.0)	synoptic
05/27 06:28:30 - 05/27 06:35:24	Fixed (0.0, 0.0)	synoptic, shifted 25.5 min
05/27 18:05:30 - 05/27 18:12:24	Fixed (0.0, 0.0)	synoptic, shifted 2.5 min
05/28 17:44:30 - 05/28 17:51:24	Fixed (0.0, 0.0)	synoptic, shifted -18.5 min
05/29 06:03:00 - 05/29 06:09:54	Fixed (0.0, 0.0)	synoptic
05/29 18:09:30 - 05/29 18:16:24	Fixed (0.0, 0.0)	synoptic, shifted 6.5 min
05/30 06:36:30 - 05/30 06:43:24	Fixed (0.0, 0.0)	synoptic, shifted 33.5 min

PROG= 11 1-time(s)

Subr= 1 1-time(s) 2.0sec	Seqn= 5 1-time(s) 2.0sec	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
		Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec

Seqn= 27 1-time(s) 2.0sec

Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	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

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= 85		1-time(s)	2.0sec										
	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
Seqn= 54		1-time(s)	2.0sec										
	Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	3ms	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 #1B66: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(45/512/4096), Thin-Be(512/8192/23142) - Thick-Be(65536), Al-poly+Ti-poly(256/5795), Med-Al

Term	Pointing (x, y)	Comment
05/24 17:59:00 - 05/24 18:05:54	Fixed (0.0, 0.0)	synoptic, shifted -4.0 min
05/28 05:51:30 - 05/28 05:58:24	Fixed (0.0, 0.0)	synoptic, shifted -11.5 min

PROG= 12		1-time(s)	2.0sec										
Subr= 1		1-time(s)	2.0sec										
Seqn= 5		1-time(s)	2.0sec										
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	8x8	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	2048x512 (1024, 1024)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	500ms	Obs	1x1	512x2048 (1024, 1024)	DPCM	0	0	2.0sec
Seqn= 1		1-time(s)	2.0sec										
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99		1-time(s)	2.0sec										
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 94		1-time(s)	2.0sec										
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54		1-time(s)	4.0sec										
	Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec										
Seqn= 46		1-time(s)	2.0sec										
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 20		1-time(s)	2.0sec										
	med-Al/Open	med-Al/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Seqn= 40		1-time(s)	2.0sec										
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B18: 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
05/25 05:53:00 - 05/25 14:29:54	Track (284.8, 209.0) @ 05/25 05:50:00	# track AR
05/25 23:19:00 - 05/26 05:59:54	Track (424.4, 206.2) @ 05/25 22:40:00	Track AR
05/26 06:13:00 - 05/26 13:28:00	Track (483.1, 204.8) @ 05/26 06:10:00	# AR tracking
05/26 18:13:00 - 05/27 05:39:30	Track (571.6, 202.5) @ 05/26 18:10:00	# track AR
05/27 06:38:30 - 05/27 17:20:00	Track (655.1, 200.1) @ 05/27 06:35:30	# track AR
05/27 18:15:30 - 05/28 05:48:24	Track (724.6, 197.7) @ 05/27 18:12:30	# track AR
05/28 06:01:30 - 05/28 17:41:24	Track (785.7, 195.4) @ 05/28 05:58:30	# track AR
05/28 18:38:00 - 05/29 05:59:54	Track (837.0, 193.0) @ 05/28 17:51:30	# track AR
05/29 06:14:30 - 05/29 13:36:00	Track (878.5, 190.7) @ 05/29 06:10:00	# AR tracking
05/30 01:34:30 - 05/30 05:48:00	Track (918.5, 187.4) @ 05/30 01:30:00	track AR
05/30 06:46:30 - 05/30 09:07:30	Track (923.9, 186.6) @ 05/30 06:43:30	# track AR

PROG= 01		Inf-time(s)	2.0sec										
Subr= 1		1-time(s)	2.0sec										
Seqn= 56		1-time(s)	2.0sec										
	Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	3ms	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
Subr= 2		5-time(s)	2.0sec										
Seqn= 75		1-time(s)	2.0sec										
	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
Seqn= 50		4-time(s)	90.0sec										
	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	25.0sec

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	25.0sec
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 #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
05/25 18:55:00 - 05/25 20:39:54	Fixed (0.0, 930.0)	# Co-align N
PROG= 20 1-time(s)		
└ Subr= 1 24-time(s) 300.0sec		
└ Seqn= 98 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec
└ Seqn= 63 1-time(s) 2.0sec		
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec
└ Seqn= 45 1-time(s) 2.0sec		
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
05/25 20:55:00 - 05/25 22:39:54	Fixed (-970.0, 0.0)	Co-align E
PROG= 04 1-time(s)		
└ Subr= 1 15-time(s) 480.0sec		
└ Seqn= 19 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 1ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec
└ Seqn= 43 1-time(s) 2.0sec		
Open/G-band	Open/G-band close	Safe Norm 1ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec
└ Seqn= 70 1-time(s) 2.0sec		
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

XOB #1B82: CME watch - 4x4 - AEC 1/2/3 - Al-poly - G-band (1x1,512x512,3ms) - Leak (1x1,512x512,3ms) - 90s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
05/29 18:19:30 - 05/29 21:47:30	Track (-176.3, 620.0) ^{Ⓜ 05/29 18:16:30}	# HOP336
05/29 22:26:30 - 05/30 01:04:30	Track (128.0, 620.0) ^{Ⓜ 05/29 22:20:00}	HOP336
PROG= 09 Inf.-time(s)		
└ Subr= 1 1-time(s) 2.0sec		
└ Seqn= 36 1-time(s) 2.0sec		
Open/G-band	Open/G-band open	Safe Norm 3ms Obs 1x1 512x512 (1024, 1024) Q=90 0 0 2.0sec
Open/G-band	Open/G-band close	Safe Norm 3ms Obs 1x1 512x512 (1024, 1024) Q=95 0 0 2.0sec
└ Subr= 2 40-time(s) 90.0sec		
└ Seqn= 60 1-time(s) 2.0sec		
Al-poly/Open	Al-poly/Open	close Safe Norm 500ms Obs 4x4 2048x2048 (1024, 1024) DPCM 1 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec
Al-poly/Open	Al-poly/Open	close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) DPCM 2 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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Flare mode

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XOB #1AE7: 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 512x512)

Term	Pointing (x, y)	Comment
05/23 11:05:00 - 05/23 13:20:00	Track (-95.2, 213.5) ^{Ⓜ 05/23 11:02:00}	# track AR
05/23 13:53:00 - 05/23 17:59:54	Track (-294.8, -205.7) ^{Ⓜ 05/23 13:50:00}	HOP337 - filament
05/23 18:13:00 - 05/24 05:31:30	Track (-31.2, 213.0) ^{Ⓜ 05/23 18:10:00}	# AR tracking
05/24 06:30:00 - 05/24 13:55:30	Track (79.2, 212.0) ^{Ⓜ 05/24 06:27:00}	# track AR
05/24 14:33:00 - 05/24 17:12:30	Track (-81.4, -206.4) ^{Ⓜ 05/24 14:30:00}	HOP337 - filament
05/24 18:09:00 - 05/25 05:39:54	Track (182.8, 210.6) ^{Ⓜ 05/24 18:06:00}	# AR tracking
05/25 05:53:00 - 05/25 14:29:54	Track (284.8, 209.0) ^{Ⓜ 05/25 05:50:00}	# track AR
05/25 15:06:30 - 05/25 17:47:30	Track (130.7, -208.4) ^{Ⓜ 05/25 14:30:00}	HOP337 - filament
05/25 23:19:00 - 05/26 05:59:54	Track (424.4, 206.2) ^{Ⓜ 05/25 22:40:00}	Track AR
05/26 06:13:00 - 05/26 13:28:00	Track (483.1, 204.8) ^{Ⓜ 05/26 06:10:00}	# AR tracking
05/26 14:03:00 - 05/26 17:59:54	Track (331.6, -211.4) ^{Ⓜ 05/26 14:00:00}	HOP337 - filament
05/26 18:13:00 - 05/27 05:39:30	Track (571.6, 202.5) ^{Ⓜ 05/26 18:10:00}	# track AR
05/27 06:38:30 - 05/27 17:20:00	Track (655.1, 200.1) ^{Ⓜ 05/27 06:35:30}	# track AR
05/27 18:15:30 - 05/28 05:48:24	Track (724.6, 197.7) ^{Ⓜ 05/27 18:12:30}	# track AR
05/28 06:01:30 - 05/28 17:41:24	Track (785.7, 195.4) ^{Ⓜ 05/28 05:58:30}	# track AR
05/28 18:38:00 - 05/29 05:59:54	Track (837.0, 193.0) ^{Ⓜ 05/28 17:51:30}	# track AR
05/29 06:14:30 - 05/29 13:36:00	Track (878.5, 190.7) ^{Ⓜ 05/29 06:10:00}	# AR tracking
05/29 14:06:00 - 05/29 18:06:24	Track (802.1, -223.1) ^{Ⓜ 05/29 14:00:00}	HOP337 - filament
05/29 18:19:30 - 05/29 21:47:30	Track (-176.3, 620.0) ^{Ⓜ 05/29 18:16:30}	# HOP336
05/29 22:26:30 - 05/30 01:04:30	Track (128.0, 620.0) ^{Ⓜ 05/29 22:20:00}	HOP336
05/30 01:34:30 - 05/30 05:48:00	Track (918.5, 187.4) ^{Ⓜ 05/30 01:30:00}	track AR
05/30 06:46:30 - 05/30 09:07:30	Track (923.9, 186.6) ^{Ⓜ 05/30 06:43:30}	# track AR
PROG= 07 30-time(s)		
└ Subr= 1 20-time(s) 2.0sec		

Seqn= 11		1-time(s)		2.0sec											
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95	2	0	2.0sec		
Seqn=100		1-time(s)		10.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)		Q=95	2	0	2.0sec		
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
Subr= 2		1-time(s)		2.0sec											
Seqn= 10		1-time(s)		2.0sec											
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)		Q=95	3	0	2.0sec		
Seqn= 11		1-time(s)		2.0sec											
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)		Q=95	2	0	2.0sec		
Seqn= 84		1-time(s)		2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1024, 1024)		Q=98	0	0	2.0sec		
Open/G-band	Open/G-band	close	Safe	Norm	3ms	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

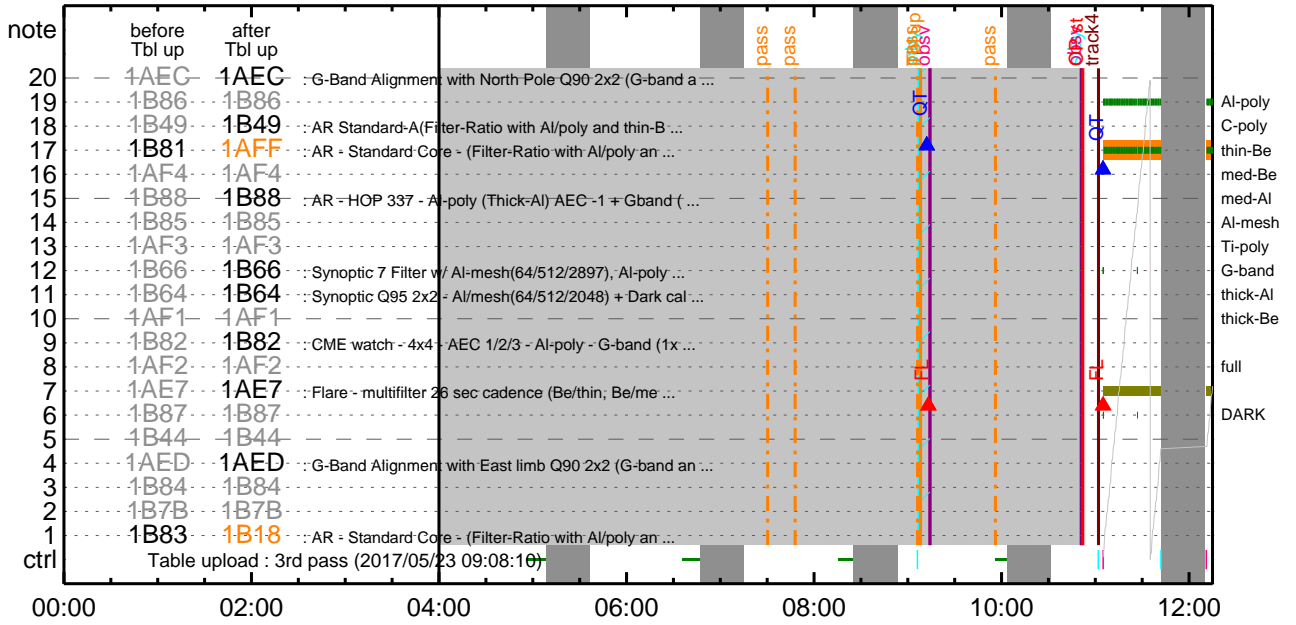
* * * * *

Flare Detection

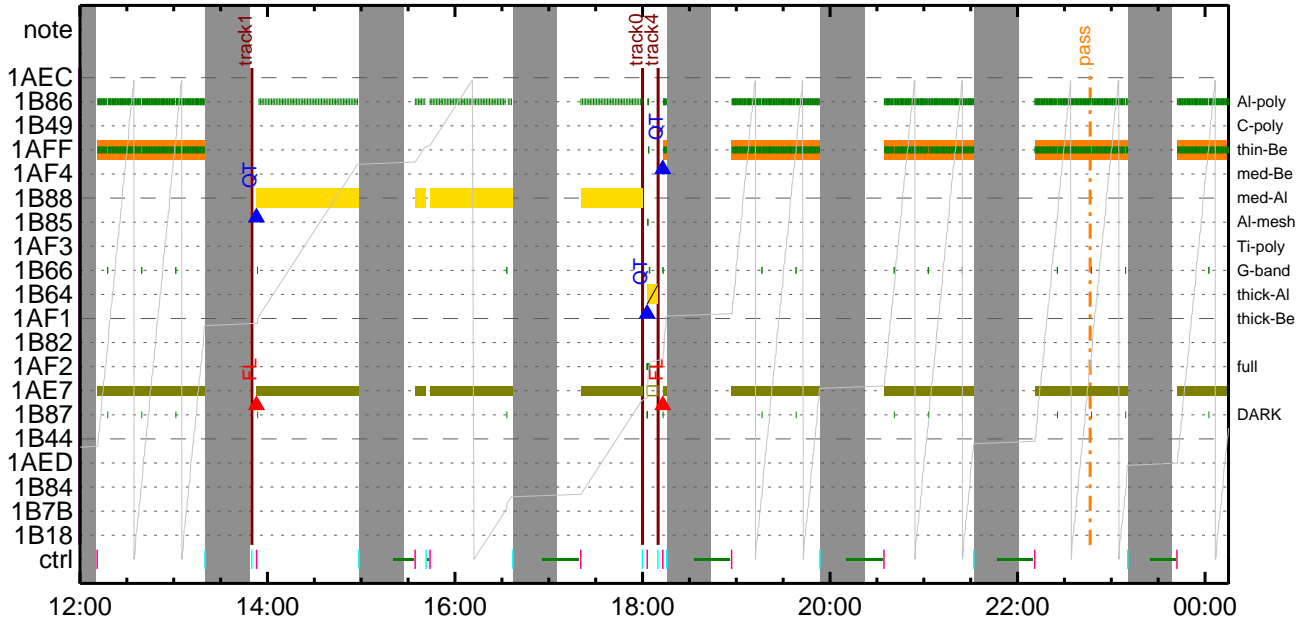
* * * * *

FLD Patrol												
Term		Pointing (x, y)					Comment					
05/23 18:10:16 - 05/24 06:17:16	Track (-31.2, 213.0)	Ⓜ 05/23 18:10:00				# AR tracking						
05/24 06:27:16 - 05/24 17:56:16	Track (79.2, 212.0)	Ⓜ 05/24 06:27:00				# track AR						
05/24 18:06:16 - 05/25 05:40:16	Track (182.8, 210.6)	Ⓜ 05/24 18:06:00				# AR tracking						
05/25 05:50:16 - 05/25 18:30:16	Track (284.8, 209.0)	Ⓜ 05/25 05:50:00				# track AR						
05/25 22:40:16 - 05/26 06:00:16	Track (424.4, 206.2)	Ⓜ 05/25 22:40:00				Track AR						
05/26 06:10:16 - 05/26 18:00:16	Track (483.1, 204.8)	Ⓜ 05/26 06:10:00				# AR tracking						
05/26 18:10:16 - 05/27 06:25:46	Track (571.6, 202.5)	Ⓜ 05/26 18:10:00				# track AR						
05/27 06:35:46 - 05/27 18:02:46	Track (655.1, 200.1)	Ⓜ 05/27 06:35:30				# track AR						
05/27 18:12:46 - 05/28 05:48:46	Track (724.6, 197.7)	Ⓜ 05/27 18:12:30				# track AR						
05/28 05:58:46 - 05/28 17:41:46	Track (785.7, 195.4)	Ⓜ 05/28 05:58:30				# track AR						
05/28 17:51:46 - 05/29 06:00:16	Track (837.0, 193.0)	Ⓜ 05/28 17:51:30				# track AR						
05/29 06:14:16 - 05/29 18:06:46	Track (878.5, 190.7)	Ⓜ 05/29 06:10:00				# AR tracking						
05/29 18:16:46 - 05/30 06:33:46	Track (-176.3, 620.0)	Ⓜ 05/29 18:16:30				# HOP336						
05/30 06:43:46 - 05/31 09:36:00	Track (923.9, 186.6)	Ⓜ 05/30 06:43:30				# track AR						
Open/Ti-poly	Open/thick-Al	close	Safe	Norm	8ms	Obs	8x8	Q=50		30sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval

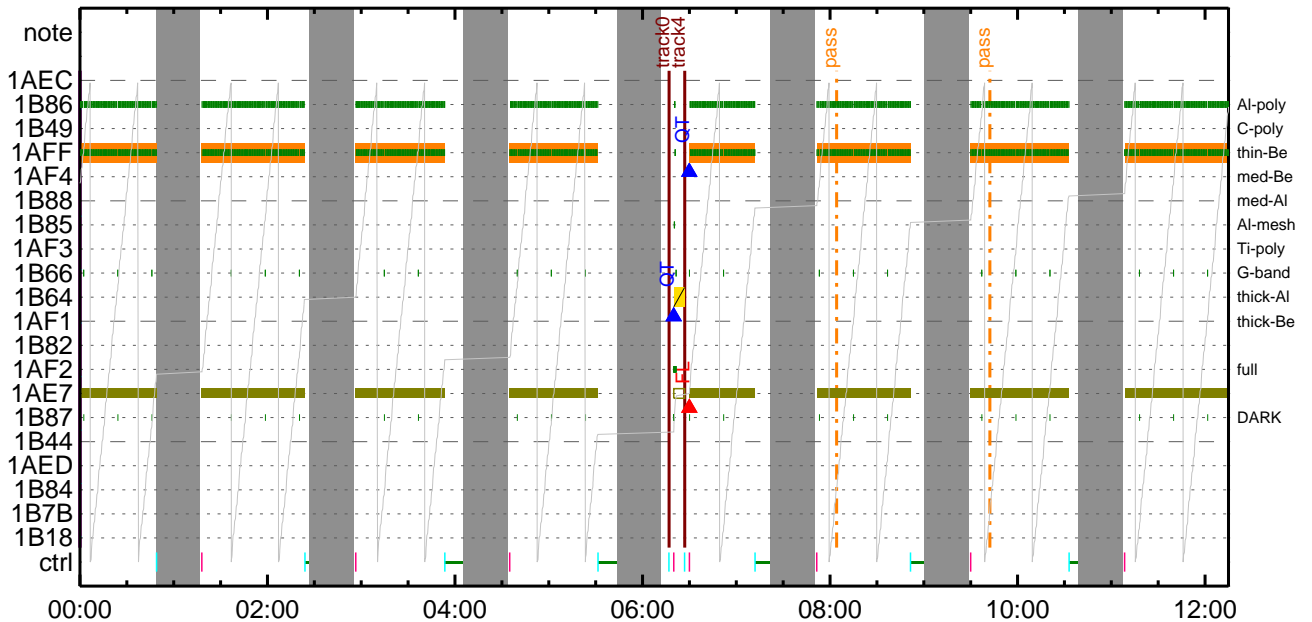
CMDI #0766 2017/05/23



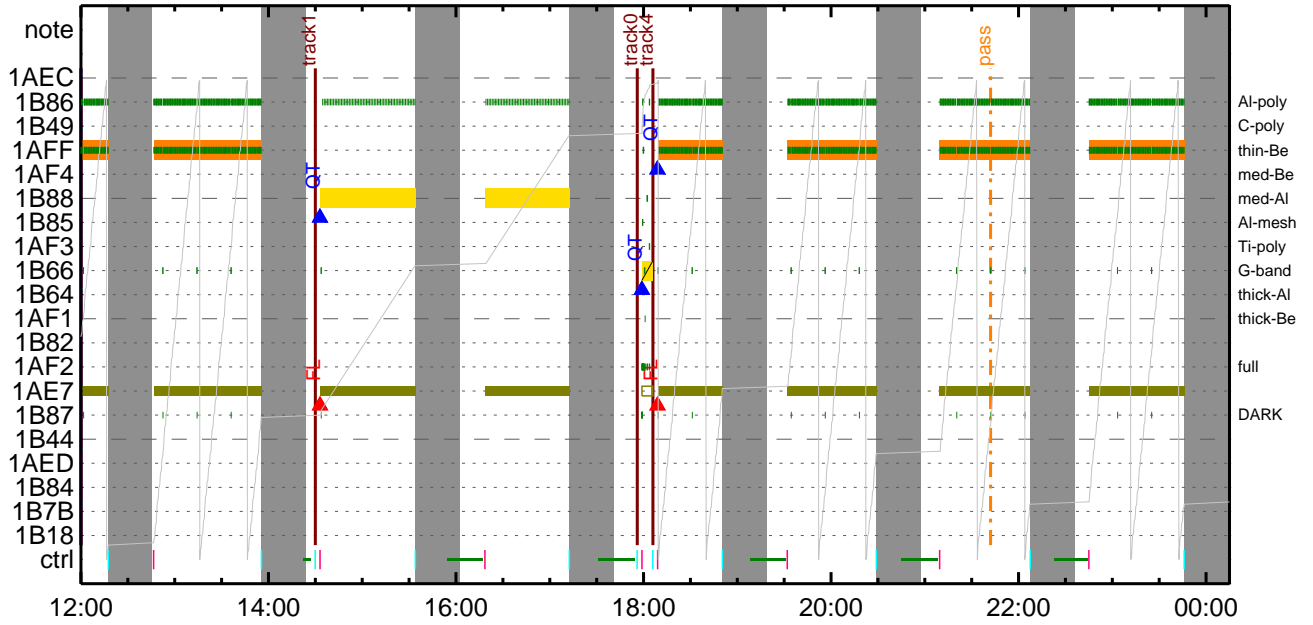
CMDI #0766 2017/05/23



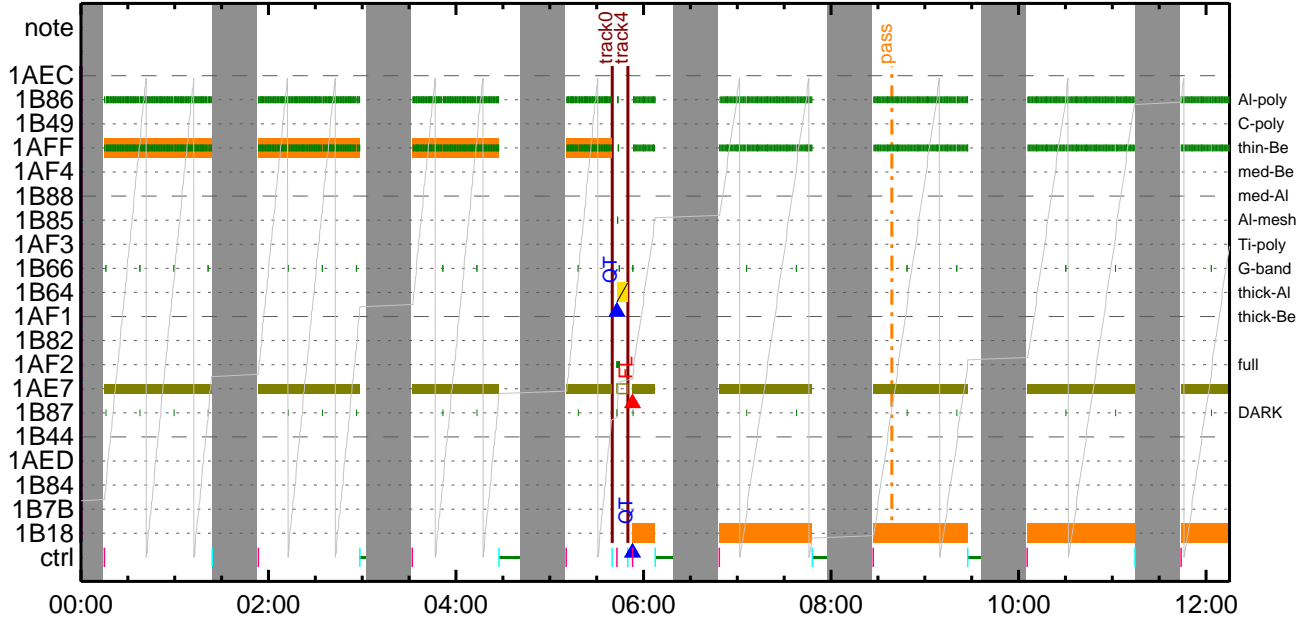
CMDI #0766 2017/05/24



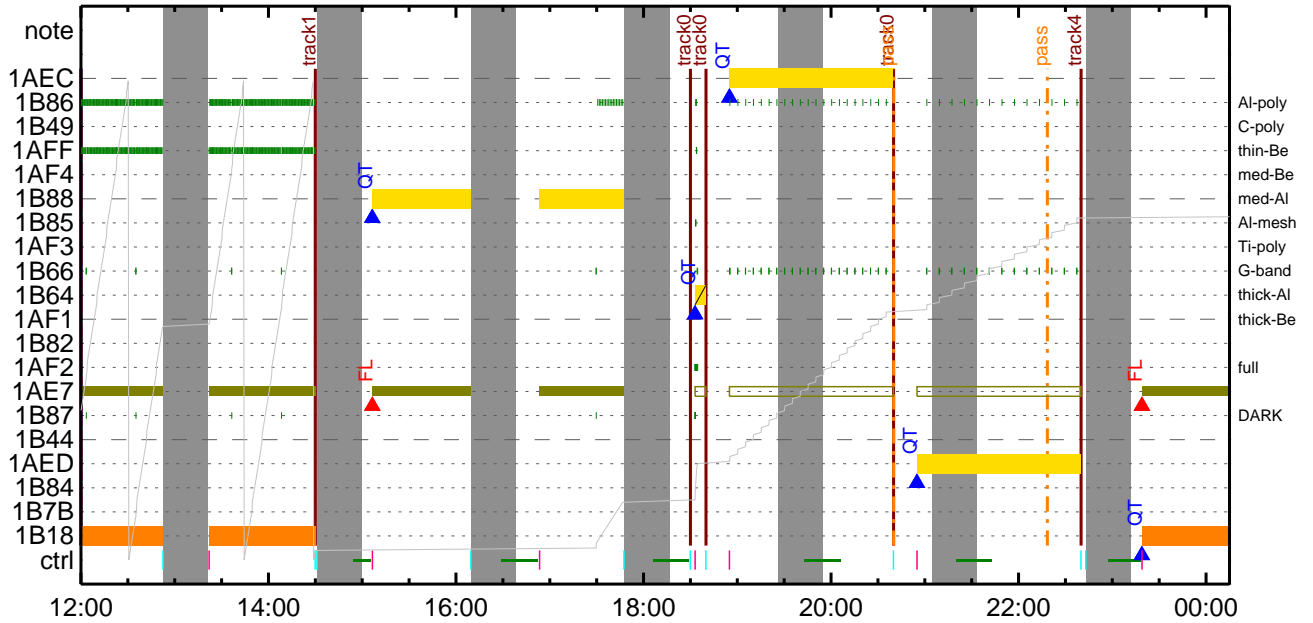
CMDI #0766 2017/05/24



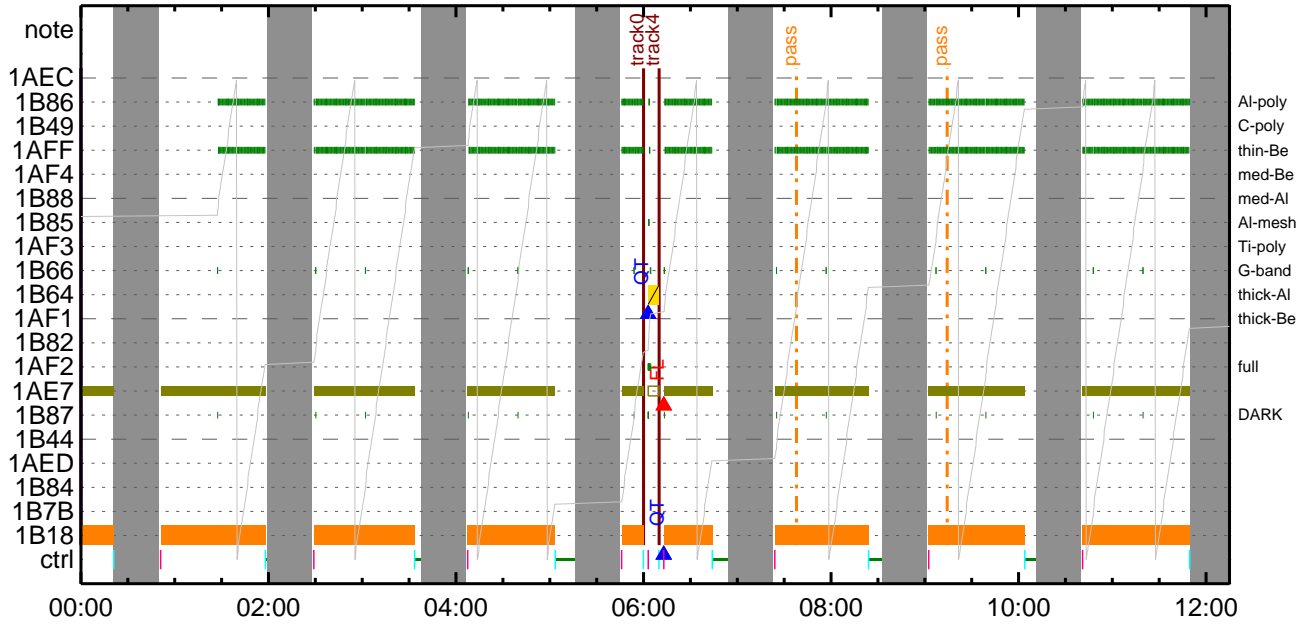
CMDI #0766 2017/05/25



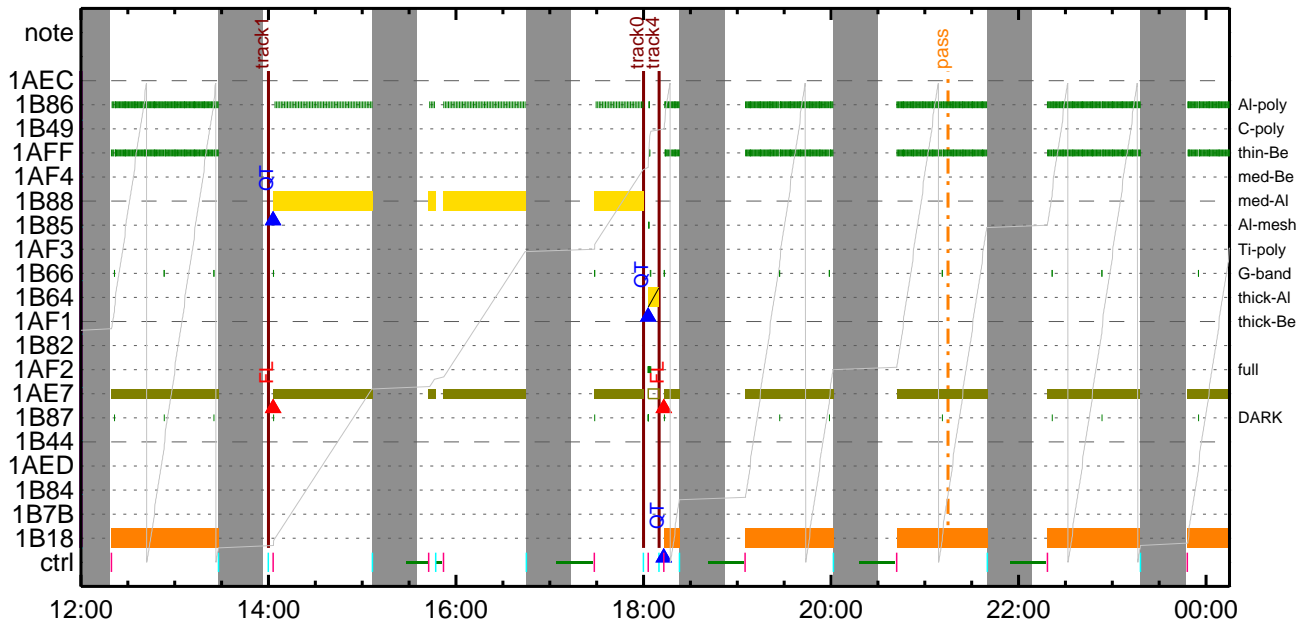
CMDI #0766 2017/05/25



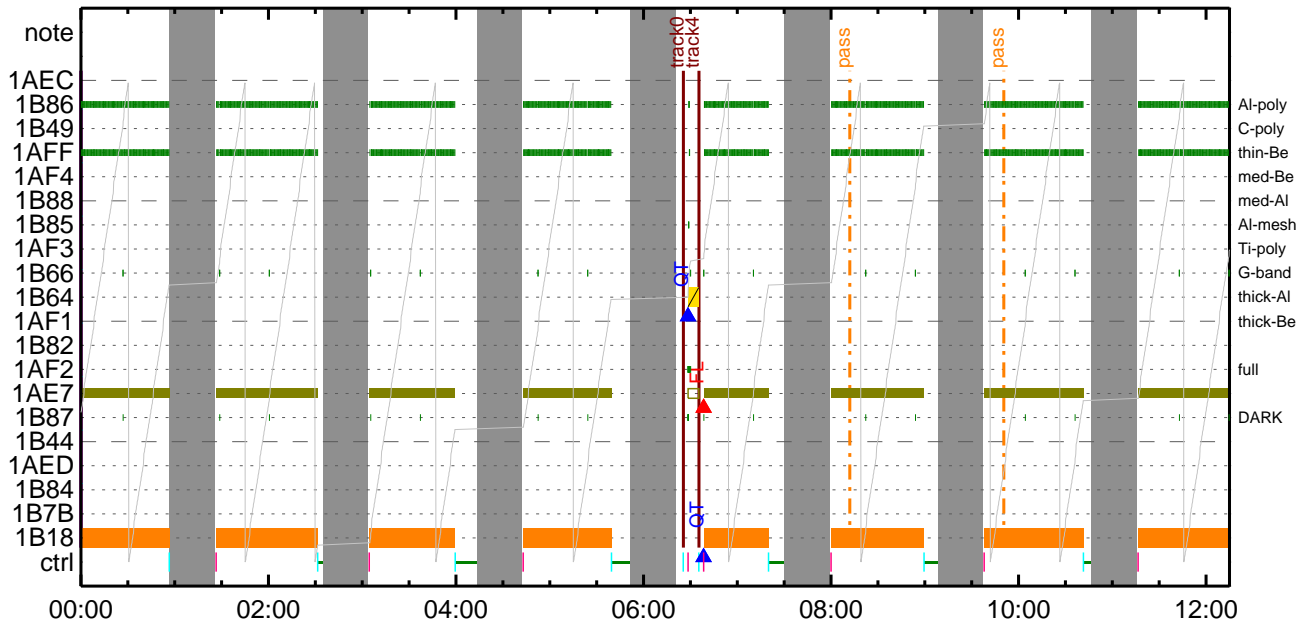
CMDI #0766 2017/05/26



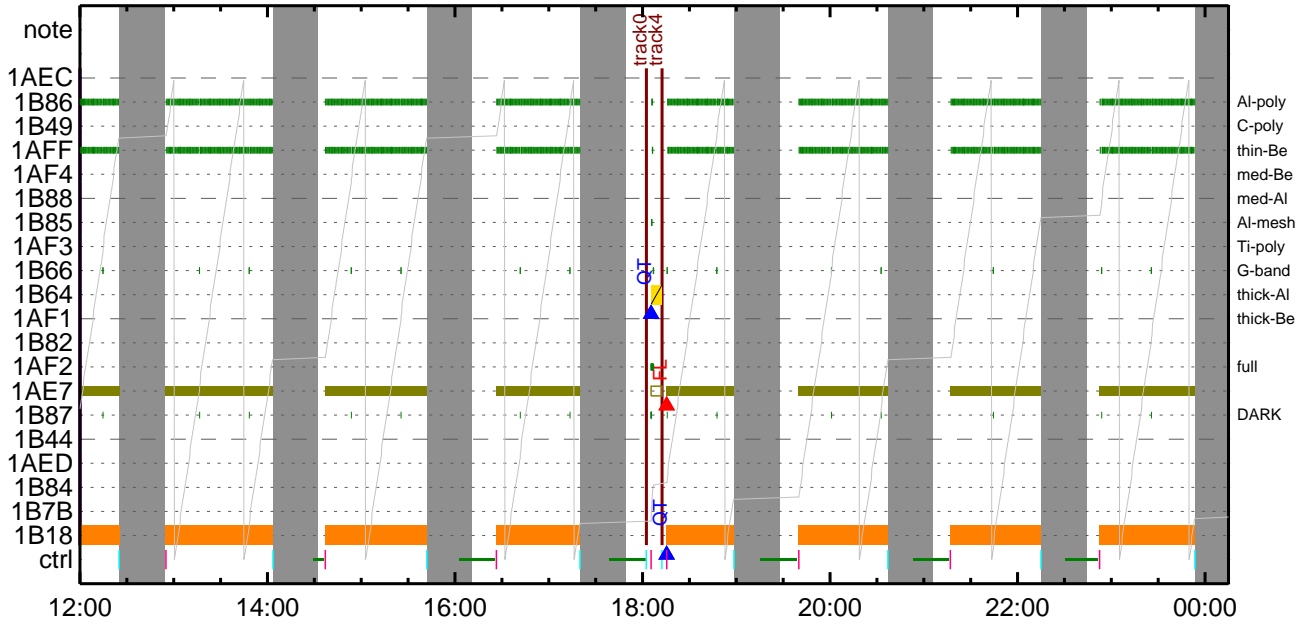
CMDI #0766 2017/05/26



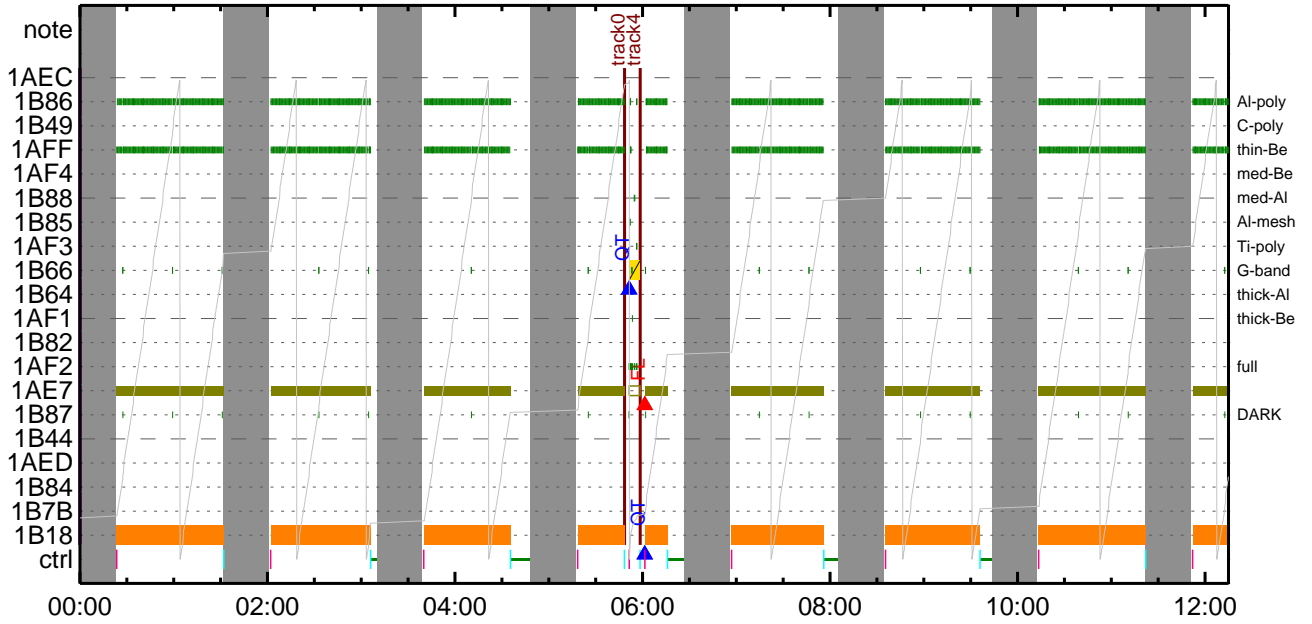
CMDI #0766 2017/05/27



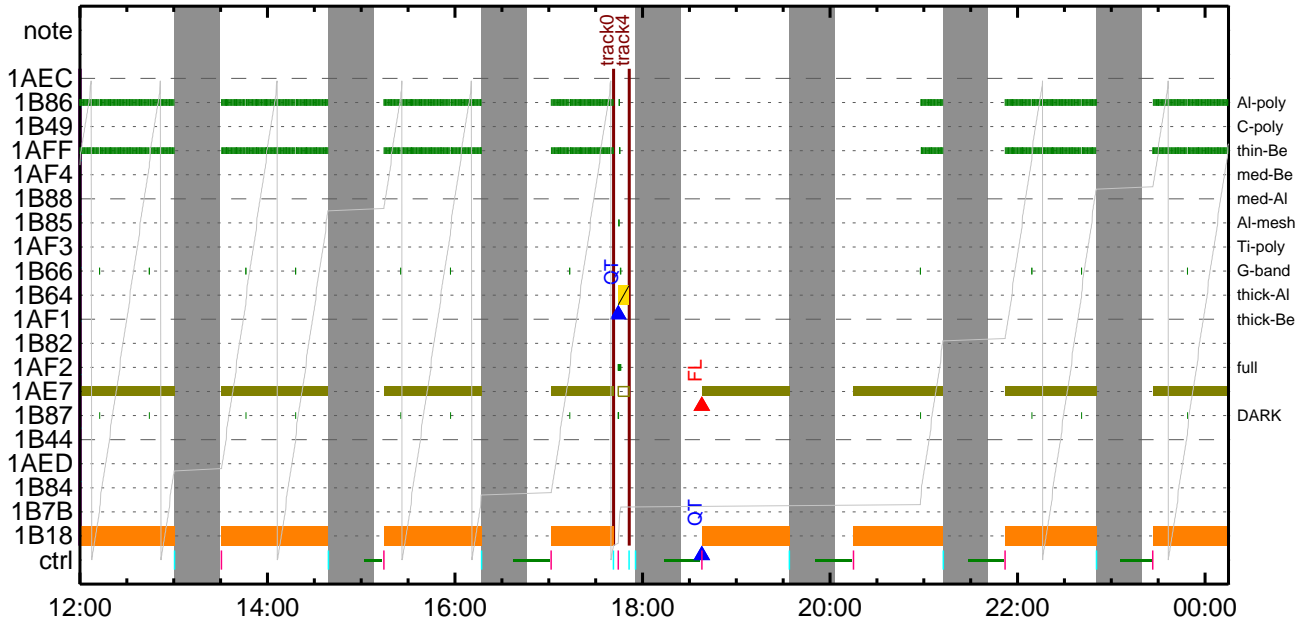
CMDI #0766 2017/05/27



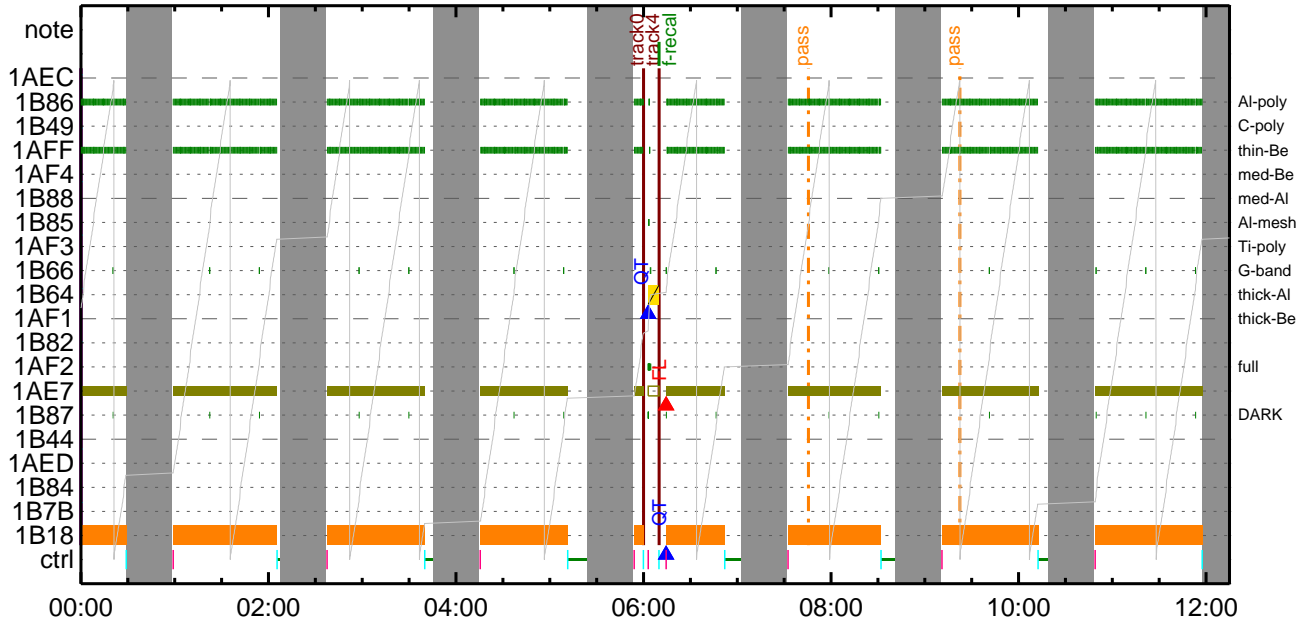
CMDI #0766 2017/05/28



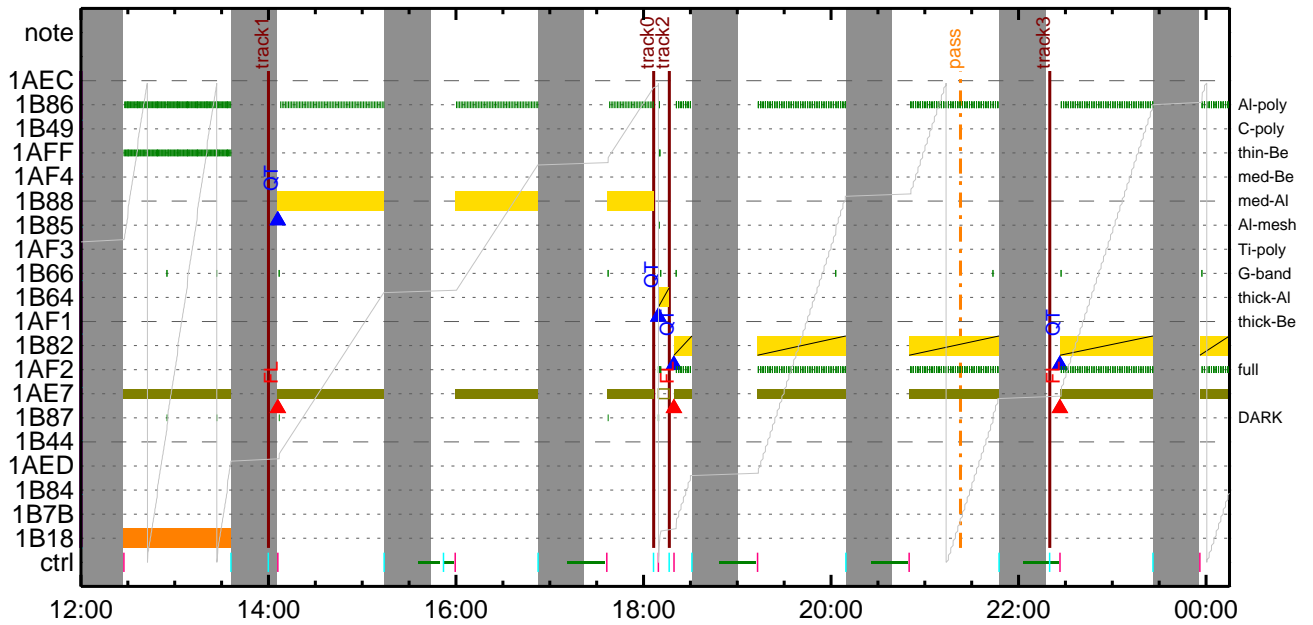
CMDI #0766 2017/05/28



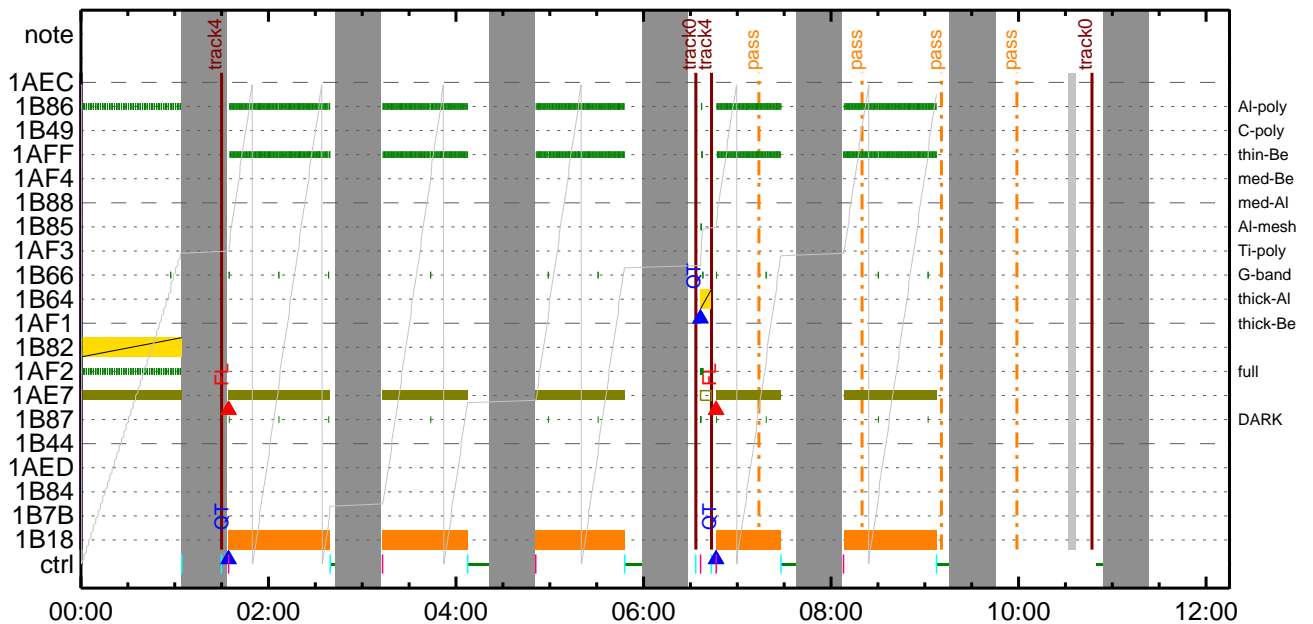
CMDI #0766 2017/05/29



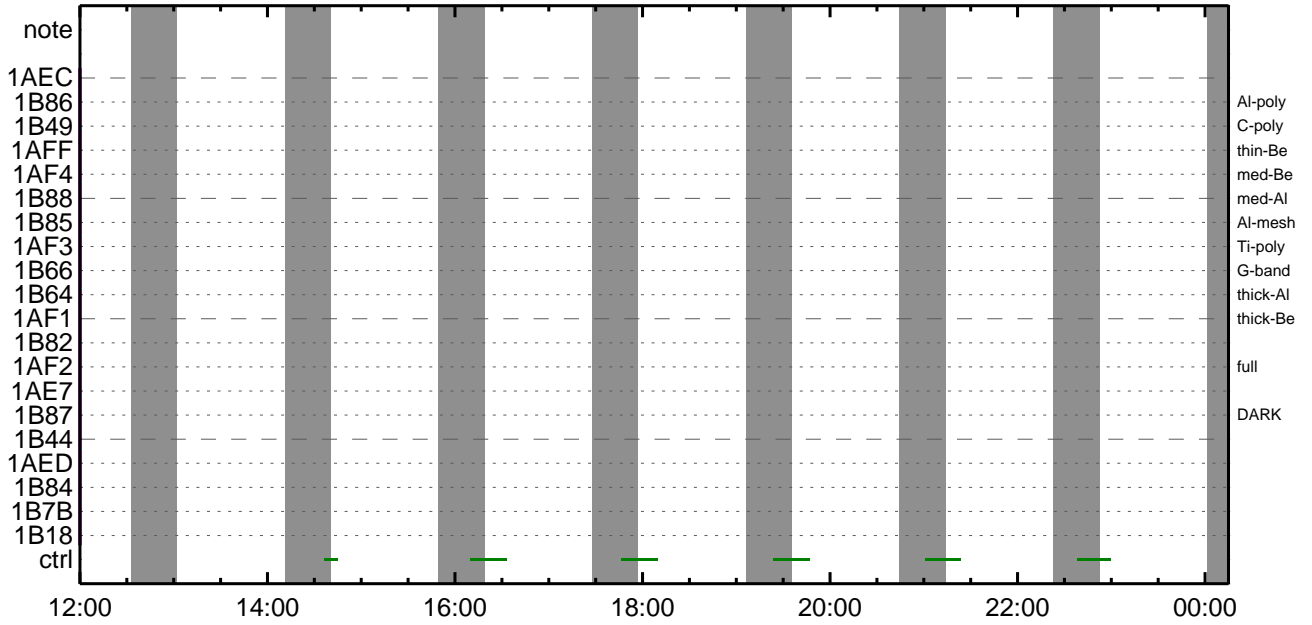
CMDI #0766 2017/05/29



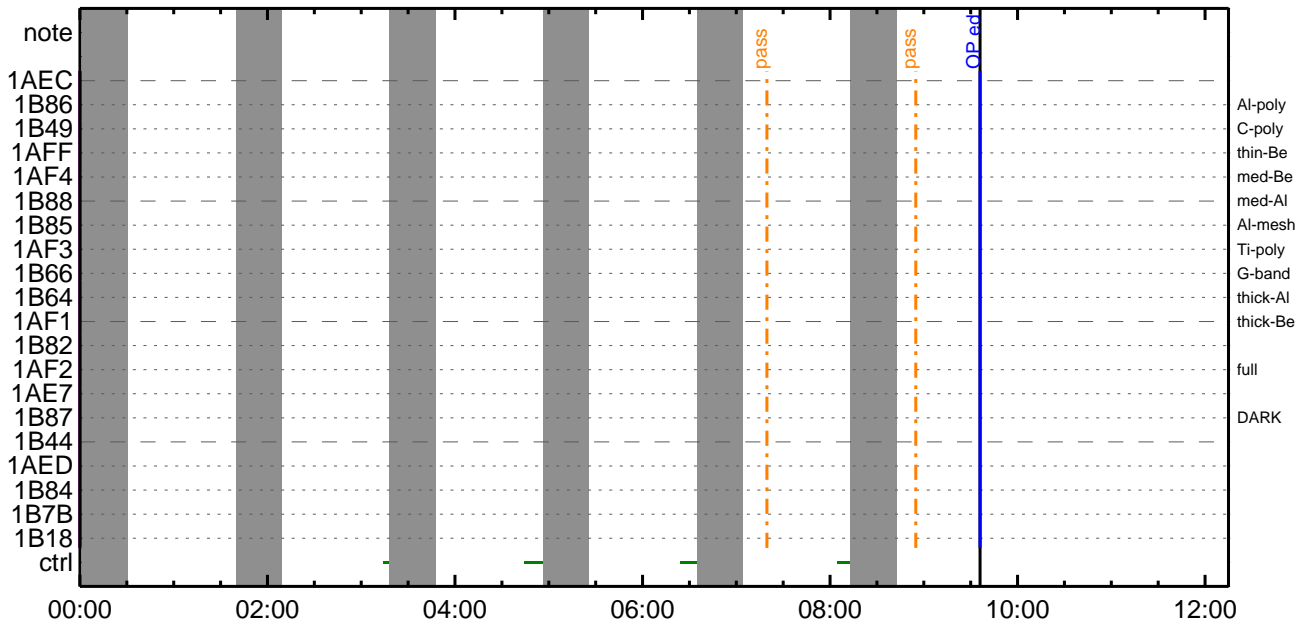
CMDI #0766 2017/05/30



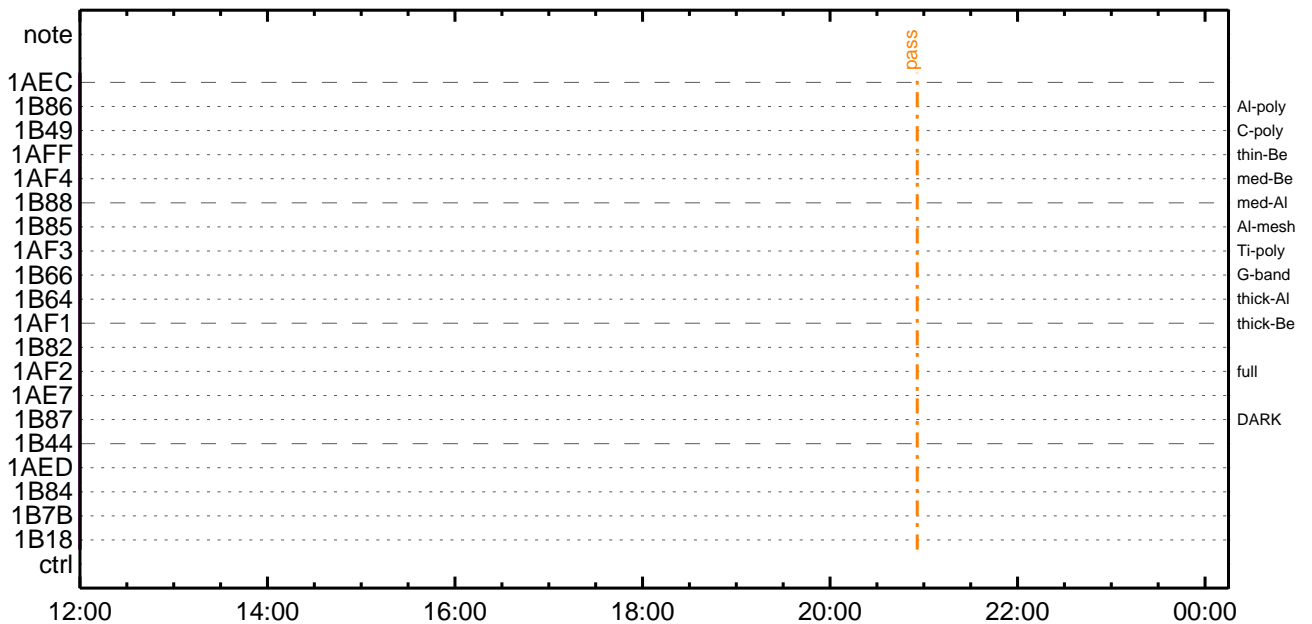
CMDI #0766 2017/05/30



CMDI #0766 2017/05/31



CMDI #0766 2017/05/31




```
0096 C.
0097 C.
0098 . C. *****
0099 C. OP/OGY1;4YE;|YAYOX
0100 C. *****
0101 C.
0102 . C. ;aOP/OGY1;4YE;a
0103 . S. OP op-623:OP
0104 C. ( )
0105 . S. OG og-623:OG
0106 C. ( )
0107 C.
0108 . C. ;aNMOG&OPf^°eYAYOX;a
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 . C. YAYOXx1/2^i»oð³iç§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 . C. RAM ID=NMOGqifE¹ç.ë²iOKoð³iç§
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. YAYOXx1/2^i»oð³iç§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 . C. RAM ID=NMOGqifE¹ç.ë²iOKoð³iç§
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. YAYOXx1/2^i»oð³iç§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 . C. RAM ID=NMOG, RAM ID=OPqifE¹ç.ë²iOKoð³iç§
0165 C.
0166 . C. ***** °E²¼oI³Á´¶Á°EÉ-°Á÷¿@ (¼áµ-YAYOXx1/2^e½çoðÁÓæoç¼^a°°oE½i¹çoçoâ) *****
0167 C. DHUYâ;4YE;E½Y½, Y;1;4YE;EoðIã¹
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 UPLOADo-Á÷¿@NGuI½i¹ç;ç°E²¼oI³TI-CMDÁ÷¿@qI¼Á¹Ôo.°E½oð³oE;f
0180 C. oþo¿;çSEToEDUMPOIÆ±°iYNY¹oç¹Ôo|o³oE;f
0181 C.
0182 . C. TIY³YþYóYEoðÁDÍ¿(UT)
0183 +. TI 2017-05-23 10:47:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2017-05-23 10:47:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2017-05-23 10:47:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
```

```

0194 C.
0195 +. TI 2017-05-23 10:51:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          ¢¢[HK1_TI_CMD_NUM]                      EQ          1COUNTUP
0198 C.
0199 C. °Ê²¼ïÄë%îñïîî¥Ä¥§¥Ä¥-¹âiü
0200 C.          ¢¢[HK1_TI_CMD_ENA/DIS]                    EQ          ENA
0201 C.          ¢¢[HK1_TI_CMD_NUM]                        EQ          4
0202 C.          ¢¢[HK1_NEXT_EXEC_PIM]                     EQ          DHU
0203 C.          ¢¢[HK1_NEXT_EXEC_DC]                      EQ          0xB3
0204 C.
0205 C. *****
0206 C. TIîî°è¥Ä¥Ö¥×
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.          ¢¢[HK1_DMP_TOP_ADRS_1]                    EQ          07
0213 C.          ¢¢[HK1_DMP_TOP_ADRS_0]                    EQ          2B
0214 C.          ¢¢[HK1_DMP_BLOCK_NUM]                     EQ          3
0215 C.          ¢¢[HK1_DMP_REPEAT_NUM]                    EQ          0
0216 C.          ¢¢[HK1_DMA_DMP_PIM]                       EQ          DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC          (07 0b f8)
0219 C.          ¢¢[HK1_PKT_FORM_NO]                      EQ          7
0220 C.          ¢¢[HK1_PKT_GEN_TIME]                      EQ          0.25 s
0221 C.          ¢¢[HK1_S_TLM_BIT_RATE]                   EQ          32k
0222 C.          ¢¢[HK1_X_TLM_BIT_RATE]                   EQ          4M
0223 C.          ¢¢[HK1_DMP_CHK_FLG]                      EQ          EXEC
0224 C.
0225 C. ¥Ä¥Ö¥×½ª î»ò³îç§
0226 C.          ¢¢[HK1_DMP_CHK_FLG]                      EQ          NON
0227 C.
0228 C. RAM ID=TI_TBLîî¾È¹ç•ë²îOKò³îç§
0229 C.
0230 C. DHU¥â;¼¥É;È¼¥¼. ¥î;¼¥È;Ëòðîá¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC          (02 0a f8)
0233 C.          ¢¢[HK1_PKT_FORM_NO]                      EQ          2
0234 C.          ¢¢[HK1_PKT_GEN_TIME]                      EQ          0.5S
0235 C.          ¢¢[HK1_S_TLM_BIT_RATE]                   EQ          32K
0236 C.          ¢¢[HK1_X_TLM_BIT_RATE]                   EQ          4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2017-05-23 10:51:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC          (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2017-05-23 10:51:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC          (21 02)
0258 +. TI 2017-05-23 10:51:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC          (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]          EQ          2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2017-05-23 10:51:00.0
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 ´ûÄîî»ö¼ÝòÈÄò¹èDCBC•x²è *****
0276 C. (¼á°î¥Ö¥Ä¥È¥Ï¥È¥á¥ç¥èòÈ¼ò¼Ä»Û¹òè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ¥Ð¥¹•î Daily±çîñòÈ'Ø¹òèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOS¥Ä¥§¥Ä¥-¼Ä»Û;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-624 2017-05-23 11:29:50 94 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY~¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YFYOYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□Á□•µ°È»Í×ÁÇ□ÍY¿YÁY×Yí;¼YÉ;ÈÈ%µ•íÉ;È□È¼°ÇÔ□•□¿¼í¹¿□Í;¿À®, ù□¹□È□□□ÇÁ+¿®□•□È□□□³□È;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_ST$1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0026 C.
0027 C.
0028 C. Change the TLMFormatNo for the AOCS Dump Format
0029 +. DC 01-22 DHU_MODE_CHNG
0030 BC (04 0b f8)
0031 C.
0032 C. Wait for AOCSDUMP to end
0033 C.
0034 . C. Check the dump memory
0035 C.
0036 C. Result = OK [ ]
0037 C.
0038 +. DC 01-22 DHU_MODE_CHNG
0039 BC (02 0a f8)
0040 C.
0041 C. <A_***>[TLM STS] FMT = 2 [ ]
0042 C.
0043 +. DC 02-8E AOCU_ORB_UPD
0044 . C.
0045 . C. ***** AOCS Commands (Orbital Element Update) *****
0046 C. Update the orbital element
0047 +. DC 02-50 AOCU_ORB_PRPGT_START
0048 BC (16)
0049 +. DC 02-8E AOCU_ORB_UPD
0050 C.
0051 C. <A_ORB>[ORBIT] EPC = 655541.8 +- 1.0 (s) [ ]
0052 C.
0053 . C.
0054 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes
0055 +. DC 07-FC EIS_MODE_CHG_ENA
0056 BC (20)
0057 . C. Verify EIS_MODE_CHG_FLG is ENA
0058 +. DC 07-FC EIS_MODE_MANU
0059 BC (21 02)
0060 . C. Verify EIS in MANUAL mode
0061 . C. Estimated OBSTBL upload time is 1m41s
0062 C. *****
0063 C. EIS START OBSTBL LOAD
0064 C. *****
0065 . S. RAM ram-820:EIS_OBSTBL
0066 ( )
0067 +. DC 07-FC EIS_DUMP_OBSTBL
0068 BC (07 07 07 00 00 70 00)
0069 C.
0070 C. Execute, after the success of OBSTBL upload.
0071 C. Set EIS TI-commands
0072 +. TI 2017-05-23 10:51:50.0
0073 DC 07-FC EIS_MODE_CHG_ENA
0074 BC (20)
0075 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP
0076 C. *****
0077 C. EIS END OBSTBL LOAD
0078 C. *****
0079 C.
0080 . C. ***** MDP `ûÁî□Í»ò¼Y□ÈÁ□□¹□ÈDCBC•×²è *****
0081 C. (¼á°íYÓYÁYÈY¿YÈYáY¿Yè□È¼¼□□¼Á»Û¹□è)
0082 . S. DC-BC dcbc-402:DCBC
0083 (MDP_known_event)
0084 C.
0085 C.
0086 . C. ***** YDY!•İ Daily±¿İÑ□È`□¹□èDCBC•×²è *****
0087 . S. DC-BC dcbc-153:DCBC
0088 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0089 C.
0090 C.
0091 C. ;ãLOSÁY$YÁY~¼Á»Û;ã
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-281:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2017-05-23 10:51:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 05 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 85 83 08 08)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 08 08)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 20 20)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 20 08)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0b 80 80 08 20)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0c 80 60 20 18)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0d a0 80 18 20)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 0f 80 80 06 06)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 10 80 80 08 08)
0178 + DC 07-F0 MDP_XRT_FLD_ENA
0179 BC (d8)
0180 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0181 BC (c8)
0182 + DC 07-F0 MDP_XRT_ARS_DIS
0183 BC (d5)
0184 + DC 07-F0 MDP_XRT_AEC_RESET
0185 BC (d0)
0186 + DC 07-F0 MDP_XRT_FLD_RESET
0187 BC (da)
0188 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0189 BC (c4 12)
0190 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0191 BC (c5 07)
0192 . C. ----- Success Verify ? OK / NG ____
0193 C.

```



```
0194 C.
0195 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0196 C.
0197 +. DC 07-F0 MDP_XRT_MODE_OBSV
0198 BC (c2)
0199 +. TI 2017-05-23 10:51:02.0
0200 DC 07-F0 MDP_XRT_MODE_OBSV
0201 BC (c2)
0202 . C. ----- Success Verify ? OK / NG ____
0203 C.
0204 C. ***** XRT END *****
0205 C.
0206 . C. ***** MDP `úÃîñî»ò¼ÿñÊÂðñ¹ñèDCBC•x²è *****
0207 C. (¼á°îÿÓÿÃÿÈÿËÿËÿÁÿçÿèñ¼ññ¼Á»Ûñ¹ñè)
0208 . S. DC-BC dcbc-402:DCBC
0209 (MDP_known_event)
0210 C.
0211 C.
0212 . C. ***** ÿDÿ¹•Ï Daily±¿ÎññË´Øñ¹ñèDCBC•x²è *****
0213 . S. DC-BC dcbc-153:DCBC
0214 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0215 C.
0216 C.
0217 . C. ¡ãLOSÿÁÿSÿÃÿ¬¼Á»Ûñ¹ñè
0218 C.
0219 . C. ***** LOS *****
0220 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-626 2017-05-23 11:29:50 29 33 SOLAR-B MAIN //
0001  C.
0002  . C. ***** AOS *****
0003  C.
0004  . C. ;ãAOSŸÁŸŠŸÁŸ^-¼Á»Û;ã
0005  C.
0006  C. ŸÀŸß;¼Ÿ³ŸFŸóŸÉÁ+¿@
0007  +. DC 00-00 NULL_DUMMY_CMD
0008  C.
0009  . C. ***** AOCs : Reload orbital element (send every contact) *****
0010  C.  Āí;È□¿□Ā□•μ°Æ»Ī×ĀÇ□ĪŸçŸĀŸ×ŸÍ;¼ŸÉ;ÈÈè%μ•ĪĪÈ;È□È¼°ÇÕ□•□¿¼Ī¹ç□Ī;çĀ@, ù□¹□è□□çĀ+¿@□•□Ē□□□³□È;ƒ
0011  +. DC 02-8E AOCU_ORB_UPD
0012  C.
0013  C.
0014  C.
0015  . C. ***** MDP ´úĀĪ□Ī»ó¼Ÿ□ĒĀ□¹□ēDCBC•x²è *****
0016  C. (¼ā°ĪŸÓŸĀŸÈŸŸŸŸĒŸáŸçŸè□Ē%¼□□%Ā»Û□¹□è)
0017  . S. DC-BC dcbc-402:DCBC
0018  (MDP_known_event)
0019  C.
0020  C.
0021  . C. ***** ŸDŸ¹•Ī Daily+¿ĪŨ□Ē´Ø□¹□ēDCBC•x²è *****
0022  . S. DC-BC dcbc-153:DCBC
0023  (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024  C.
0025  C.
0026  . C. ;ãLOSŸÁŸŠŸÁŸ^-¼Á»Û;ã
0027  C.
0028  . C. ***** LOS *****
0029  C.
```

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 1/20

*** OP Sequence for XRT ***

2017/05/23	11:01:54.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/23	11:01:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/05/23	11:02:00.0	AOCS_Ore-point_Start_1_OG [0x097]				
		AOCU_NM	5	02-76	04 00 00 00 00	
2017/05/23	11:02:16.0	XRT_FLD_ENA_411_OG [0x19b]				
		MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/23	11:02:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/23	11:02:20.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/23	11:02:22.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/23	11:02:24.0	XRT_FLD_RESET_417_OG [0x1a1]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/23	11:04:56.0	XRT_QT_PROG_SET_431_OG [0x1af]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2017/05/23	11:04:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2017/05/23	11:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/23	11:42:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/23	11:42:02.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/23	11:42:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/23	11:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/23	12:10:00.0	XRT_Custom_430_OG [0x1ae]				
2017/05/23	12:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/23	13:20:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/23	13:20:02.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/23	13:20:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/23	13:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/23	13:49:54.0	XRT_CTRL_MANU_402_OG [0x192]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/23	13:49:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]				
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/05/23	13:50:00.0	AOCS_Ore-point_Start_2_OG [0x098]				
		AOCU_NM	5	02-76	01 00 00 00 00	
2017/05/23	13:50:16.0	XRT_FLD_ENA_411_OG [0x19b]				
		MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/23	13:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]				
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/23	13:50:20.0	XRT_AEC_RESET_448_OG [0x1c0]				
		MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/23	13:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]				
		MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/23	13:50:24.0	XRT_FLD_RESET_417_OG [0x1a1]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/23	13:52:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]				
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f	
2017/05/23	13:52:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]				
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2017/05/23	13:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/23	14:58:30.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/23	14:58:32.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/23	14:58:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/23	15:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/23	15:33:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/23	15:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/23	15:41:30.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/23	15:41:32.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/23	15:41:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/23	15:43:00.0	XRT_Custom_430_OG [0x1ae]				
2017/05/23	15:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
		MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/23	15:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]				
		MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/23	16:37:00.0	XRT_CTRL_MANU_400_OG [0x190]				
		MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/23	16:37:02.0	XRT_FLD_RESET_415_OG [0x19f]				
		MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/23	16:37:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]				
		MDP_XRT_PREFLR_STRT	1	07-F0	e8	

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 2/20

2017/05/23	16:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/23	17:19:30.0	XRT_Custom_430_OG [0x1ae]			
2017/05/23	17:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/23	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/23	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/23	18:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2017/05/23	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/23	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/05/23	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/23	18:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2017/05/23	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/23	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/23	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/05/23	18:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 00 00 00 00
2017/05/23	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/23	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/23	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/23	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/23	18:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/23	18:12:56.0	XRT_QT_PROG_SET_431_OG [0x1af]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11
2017/05/23	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/23	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/23	18:15:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/23	18:15:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/23	18:15:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/23	18:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/23	18:56:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/23	18:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/23	19:53:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/23	19:53:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/23	19:53:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/23	19:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/23	20:33:30.0	XRT_Custom_430_OG [0x1ae]			
2017/05/23	20:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/23	21:32:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/23	21:32:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/23	21:32:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/23	21:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/23	22:10:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/23	22:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/23	23:10:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/23	23:10:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/23	23:10:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/23	23:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/23	23:41:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/23	23:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/24	00:49:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/24	00:49:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/24	00:49:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8

2017/05/24	00:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	01:17:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	01:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	02:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	02:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	02:24:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	02:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	02:55:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	02:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	03:53:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	03:53:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	03:53:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	03:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	04:34:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	04:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	05:31:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	05:31:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	05:31:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	05:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	06:16:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	06:16:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/05/24	06:17:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/05/24	06:17:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/05/24	06:19:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/05/24	06:19:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/24	06:19:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2017/05/24	06:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	06:26:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	06:26:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/05/24	06:27:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2017/05/24	06:27:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/24	06:27:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/24	06:27:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/24	06:27:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/24	06:27:24.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	06:29:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2017/05/24	06:29:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2017/05/24	06:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	07:12:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	07:12:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	07:12:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	07:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	07:50:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	07:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	08:51:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	08:51:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	08:51:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	08:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	09:29:00.0	XRT_Custom_430_OG [0x1ae]							

2017/05/24	09:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	10:33:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	10:33:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	10:33:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	10:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	11:07:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	11:08:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	12:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	12:17:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	12:17:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	12:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	12:45:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	12:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	13:55:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	13:55:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	13:55:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	13:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	14:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/05/24	14:30:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2017/05/24	14:30:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/24	14:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/24	14:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/24	14:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/24	14:30:24.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	14:32:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f				
2017/05/24	14:32:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2017/05/24	14:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	15:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	15:34:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	15:34:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	15:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	16:17:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	16:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	17:12:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	17:12:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	17:12:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	17:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	17:55:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	17:55:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/05/24	17:56:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/05/24	17:56:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/05/24	17:58:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/05/24	17:58:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/24	17:58:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2017/05/24	17:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	18:05:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	18:05:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				

2017/05/24	18:06:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2017/05/24	18:06:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/24	18:06:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/24	18:06:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/24	18:06:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/24	18:06:24.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	18:08:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2017/05/24	18:08:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/24	18:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	18:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	18:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	18:50:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	18:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	19:31:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	19:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	20:29:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	20:29:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	20:29:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	20:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	21:08:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	21:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	22:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	22:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	22:07:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	22:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/24	22:44:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/24	22:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/24	23:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/24	23:46:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/24	23:46:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/24	23:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/25	00:14:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/25	00:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/25	01:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/25	01:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/25	01:24:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/25	01:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/25	01:52:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/25	01:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/25	02:58:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/25	02:58:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/25	02:58:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/25	03:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/25	03:31:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/25	03:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/25	04:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/25	04:27:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/25	04:27:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/25	04:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/25	05:09:30.0	XRT_Custom_430_OG [0x1ae]							

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 6/20

2017/05/25	05:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	05:39:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	05:39:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/25	05:40:00.0	AOCS_OrE-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2017/05/25	05:40:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/25	05:42:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/05/25	05:42:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/25	05:42:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2017/05/25	05:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	05:49:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	05:49:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/05/25	05:50:00.0	AOCS_OrE-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 00 00 00 00
2017/05/25	05:50:16.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/25	05:50:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/25	05:50:20.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/25	05:50:22.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/25	05:50:24.0	XRT_FLD_RESET_417_OG [0x1a1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	05:52:56.0	XRT_QT_PROG_SET_413_OG [0x19d]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2017/05/25	05:52:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/25	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	06:07:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	06:07:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	06:07:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	06:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	06:47:30.0	XRT_Custom_430_OG [0x1ae]			
2017/05/25	06:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	07:48:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	07:48:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	07:48:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	07:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	08:26:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/25	08:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	09:27:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	09:27:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	09:27:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	09:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	10:04:30.0	XRT_Custom_430_OG [0x1ae]			
2017/05/25	10:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	11:14:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	11:14:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	11:14:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	11:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	11:43:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/25	11:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	12:52:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	12:52:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	12:52:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	12:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	13:21:00.0	XRT_Custom_430_OG [0x1ae]			

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 7/20

2017/05/25	13:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	14:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	14:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/05/25	14:30:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	01 00 00 00 00
2017/05/25	14:30:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/25	14:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/25	14:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/25	14:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/25	14:30:24.0	XRT_FLD_RESET_441_OG [0x1b9]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	14:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	14:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	14:31:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	14:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	15:06:26.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0f
2017/05/25	15:06:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/25	15:06:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	16:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	16:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	16:09:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	16:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	16:52:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/25	16:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	17:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	17:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/25	17:47:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/25	17:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/25	18:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	18:29:56.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/25	18:30:00.0	AOCS_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2017/05/25	18:30:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/25	18:32:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/05/25	18:32:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/25	18:32:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2017/05/25	18:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	18:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	18:39:56.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/05/25	18:40:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 ad 59 00 00
2017/05/25	18:40:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/25	18:54:54.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/05/25	18:54:56.0	XRT_ARS_DIS_445_OG [0x1bd]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/25	18:54:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2017/05/25	18:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/25	20:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/25	20:39:56.0	XRT_FOCUS_POSITION_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/05/25	20:40:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 56 35
2017/05/25	20:40:16.0	XRT_FLD_DIS_401_OG [0x191]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/25	20:54:54.0	XRT_FLRCTRL_DIS_447_OG [0x1bf]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 8/20

2017/05/25	20:54:56.0	XRT_ARS_DIS_445_OG [0x1bd]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/25	20:54:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	04	
2017/05/25	20:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/25	22:39:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/25	22:39:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2017/05/25	22:40:00.0	AOCS_OrE-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04	00	00 00 00
2017/05/25	22:40:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2017/05/25	22:40:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/25	22:40:20.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/25	22:40:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/25	22:40:24.0	XRT_FLD_RESET_404_OG [0x194]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/25	22:43:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/25	22:43:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/25	22:43:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/25	22:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/25	23:18:56.0	XRT_QT_PROG_SET_413_OG [0x19d]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2017/05/25	23:18:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2017/05/25	23:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/26	00:21:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/26	00:21:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/26	00:21:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/26	00:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/26	00:50:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	00:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/26	01:58:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/26	01:58:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/26	01:58:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/26	02:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/26	02:28:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	02:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/26	03:33:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/26	03:33:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/26	03:33:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/26	03:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/26	04:06:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	04:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/26	05:03:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/26	05:03:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/26	05:03:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/26	05:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/26	05:45:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	05:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/26	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/26	05:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2017/05/26	06:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00	00	00 00 00
2017/05/26	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2017/05/26	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2017/05/26	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/26	06:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]					

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 9/20

2017/05/26	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_OT_PROG_SET	2	07-F0	c4	0b
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	06:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2017/05/26	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00	00
2017/05/26	06:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/26	06:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/26	06:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/26	06:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/26	06:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	06:12:56.0	XRT_OT_PROG_SET_413_OG [0x19d]	MDP_XRT_OT_PROG_SET	2	07-F0	c4	01
2017/05/26	06:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2017/05/26	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	06:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	06:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	06:44:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/26	06:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	07:23:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	07:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	08:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	08:24:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	08:24:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/26	08:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	09:01:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	09:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	10:04:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	10:04:02.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	10:04:04.5	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/26	10:07:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	10:40:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	10:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	11:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	11:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	11:49:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/26	11:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	12:18:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	12:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	13:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	13:28:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	13:28:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/26	13:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	13:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	13:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2017/05/26	14:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	01 00 00 00	00
2017/05/26	14:00:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/26	14:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/26	14:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/26	14:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/26	14:00:24.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da	

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 10/20

2017/05/26	14:02:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2017/05/26	14:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/26	14:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/26	15:06:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/26	15:06:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/26	15:06:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/26	15:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/26	15:41:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/26	15:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/26	15:47:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/26	15:47:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/26	15:47:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/26	15:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/26	15:51:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/26	15:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/26	16:45:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/26	16:45:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/26	16:45:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/26	16:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/26	17:27:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/26	17:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/26	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/26	17:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2017/05/26	18:00:00.0	AOCS_Orе-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	00	00
2017/05/26	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/05/26	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/05/26	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/26	18:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2017/05/26	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/26	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/26	18:09:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/05/26	18:10:00.0	AOCS_Orе-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2017/05/26	18:10:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/26	18:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/26	18:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/26	18:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/26	18:10:24.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/26	18:12:56.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2017/05/26	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/26	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/26	18:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/26	18:23:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/26	18:23:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/26	18:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/26	19:04:01.0	XRT_Custom_430_OG [0x1ae]							
2017/05/26	19:05:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/26	20:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/26	20:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/26	20:01:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 11/20

2017/05/26	20:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	20:41:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	20:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	21:40:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	21:40:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	21:40:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/26	21:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	22:17:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	22:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/26	23:18:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/26	23:18:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/26	23:18:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/26	23:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/26	23:47:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/26	23:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/27	00:56:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/27	00:56:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/27	00:56:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/27	00:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/27	01:25:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	01:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/27	02:31:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/27	02:31:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/27	02:31:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/27	02:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/27	03:03:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	03:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/27	03:59:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/27	03:59:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/27	03:59:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/27	04:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/27	04:42:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	04:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/27	05:39:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/27	05:39:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/27	05:39:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/27	05:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/27	06:25:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/27	06:25:26.0	XRT_FOCUS_POSITION_403_OG [0x193]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/05/27	06:25:30.0	AOCS_ORe-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2017/05/27	06:25:46.0	XRT_FLD_DIS_409_OG [0x199]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/05/27	06:28:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/05/27	06:28:26.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/27	06:28:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2017/05/27	06:28:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/27	06:35:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/27	06:35:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/05/27	06:35:30.0	AOCS_ORe-point_Start_1_OG [0x097]					
			AOCU_NM	5	02-76	04 00 00 00 00	
2017/05/27	06:35:46.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 12/20

2017/05/27	06:35:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2017/05/27	06:35:50.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2017/05/27	06:35:52.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2017/05/27	06:35:54.0	XRT_FLD_RESET_417_OG [0x1a1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	06:38:26.0	XRT_QT_PROG_SET_413_OG [0x19d]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2017/05/27	06:38:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2017/05/27	06:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/27	07:20:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	07:20:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	07:20:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/27	07:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/27	07:59:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	08:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/27	08:59:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	08:59:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	08:59:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/27	09:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/27	09:37:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	09:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/27	10:41:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	10:41:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	10:41:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/27	10:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/27	11:15:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	11:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/27	12:25:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	12:25:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	12:25:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/27	12:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/27	12:54:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	12:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/27	14:03:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	14:03:32.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	14:03:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/27	14:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/27	14:36:00.5	XRT_Custom_430_OG [0x1ae]					
2017/05/27	14:37:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/27	15:42:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	15:42:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	15:42:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/27	15:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/27	16:25:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/27	16:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2017/05/27	17:20:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	17:20:02.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2017/05/27	17:20:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2017/05/27	17:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2017/05/27	18:02:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2017/05/27	18:02:26.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa
2017/05/27	18:02:30.0	AOCS_OrE-point_Start_3_OG [0x099]					

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 13/20

2017/05/27	18:02:46.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00	00	00	00	00
			MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/05/27	18:05:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]		1	07-F0	c9				
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/05/27	18:05:26.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/27	18:05:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]		2	07-F0	c4	0b			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2017/05/27	18:05:30.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/27	18:12:24.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/27	18:12:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
			XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/05/27	18:12:30.0	AOCS_Ore-point_Start_1_OG [0x097]		5	02-76	04	00	00	00	00
			AOCU_NM	5	02-76	04	00	00	00	00
2017/05/27	18:12:46.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/27	18:12:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/27	18:12:50.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/27	18:12:52.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/27	18:12:54.0	XRT_FLD_RESET_417_OG [0x1a1]		1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/27	18:15:26.0	XRT_QT_PROG_SET_413_OG [0x19d]		2	07-F0	c4	01			
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2017/05/27	18:15:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]		2	07-F0	c5	07			
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/27	18:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/27	18:58:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/27	18:58:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/27	18:58:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]		1	07-F0	e8				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/27	19:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/27	19:39:00.0	XRT_Custom_430_OG [0x1ae]								
2017/05/27	19:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/27	20:37:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/27	20:37:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/27	20:37:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]		1	07-F0	e8				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/27	20:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/27	21:16:00.0	XRT_Custom_430_OG [0x1ae]								
2017/05/27	21:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/27	22:15:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/27	22:15:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/27	22:15:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]		1	07-F0	e8				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/27	22:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/27	22:51:30.0	XRT_Custom_430_OG [0x1ae]								
2017/05/27	22:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/27	23:53:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/27	23:53:32.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/27	23:53:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]		1	07-F0	e8				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/27	23:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/28	00:22:30.0	XRT_Custom_430_OG [0x1ae]								
2017/05/28	00:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/28	01:32:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/28	01:32:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/28	01:32:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]		1	07-F0	e8				
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/28	01:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/28	02:01:00.0	XRT_Custom_430_OG [0x1ae]								
2017/05/28	02:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/28	03:06:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/28	03:06:02.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
			MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/28	03:06:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]								

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 14/20

2017/05/28	03:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	03:39:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/28	03:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	04:35:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	04:35:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	04:35:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	04:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	05:17:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/28	05:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	05:48:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	05:48:26.0	XRT_FOCUS_POSITION_403_OG [0x193]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/05/28	05:48:30.0	AOCS_OrE-point_Start_3_OG [0x099]					
			AOCU_NM	5	02-76	00 00 00 00 00	
2017/05/28	05:48:46.0	XRT_FLD_DIS_409_OG [0x199]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/05/28	05:51:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/05/28	05:51:26.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/28	05:51:28.0	XRT_QT_PROG_SET_429_OG [0x1ad]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c	
2017/05/28	05:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	05:58:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	05:58:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/05/28	05:58:30.0	AOCS_OrE-point_Start_1_OG [0x097]					
			AOCU_NM	5	02-76	04 00 00 00 00	
2017/05/28	05:58:46.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/28	05:58:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/28	05:58:50.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/28	05:58:52.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/28	05:58:54.0	XRT_FLD_RESET_417_OG [0x1a1]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	06:01:26.0	XRT_QT_PROG_SET_413_OG [0x19d]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2017/05/28	06:01:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2017/05/28	06:01:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	06:16:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	06:16:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	06:16:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	06:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	06:56:00.0	XRT_Custom_430_OG [0x1ae]					
2017/05/28	06:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	07:56:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	07:56:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	07:56:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	07:59:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	08:34:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/28	08:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	09:36:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	09:36:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	09:36:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	09:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	10:12:30.0	XRT_Custom_430_OG [0x1ae]					
2017/05/28	10:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	11:22:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	11:22:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	11:22:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]					

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 15/20

2017/05/28	11:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e8	
2017/05/28	11:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	11:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	13:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	13:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	13:00:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	13:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	13:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	13:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	14:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	14:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	14:39:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	14:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	15:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	15:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	16:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	16:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	16:17:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	16:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	17:00:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	17:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	17:41:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	17:41:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2017/05/28	17:41:30.0	AOCS_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/05/28	17:41:46.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2017/05/28	17:44:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2017/05/28	17:44:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2017/05/28	17:44:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/28	17:44:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2017/05/28	17:51:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	17:51:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	17:51:30.0	AOCS_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2017/05/28	17:51:46.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00	
2017/05/28	17:51:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/05/28	17:51:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/05/28	17:51:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/05/28	17:51:54.0	XRT_FLD_RESET_421_OG [0x1a5]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/05/28	17:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	17:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	17:55:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	17:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28	18:37:56.0	XRT_QT_PROG_SET_413_OG [0x19d]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/05/28	18:37:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2017/05/28	18:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2017/05/28	19:34:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/05/28	19:34:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/05/28	19:34:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/05/28	19:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/05/28			MDP_XRT_PREFLR_STOP	1	07-F0	e9	

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 16/20

2017/05/28	20:14:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/28	20:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/28	21:12:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/28	21:12:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/28	21:12:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/28	21:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/28	21:51:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/28	21:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/28	22:50:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/28	22:50:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/28	22:50:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/28	22:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/28	23:25:30.0	XRT_Custom_430_OG [0x1ae]			
2017/05/28	23:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	00:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	00:29:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	00:29:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	00:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	00:58:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/29	00:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	02:05:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	02:05:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	02:05:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	02:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	02:36:30.0	XRT_Custom_430_OG [0x1ae]			
2017/05/29	02:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	03:40:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	03:40:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	03:40:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	03:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	04:14:30.0	XRT_Custom_430_OG [0x1ae]			
2017/05/29	04:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	05:11:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	05:11:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	05:11:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	05:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	05:53:00.0	XRT_Custom_430_OG [0x1ae]			
2017/05/29	05:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	05:59:56.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/29	06:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	00 00 00 00 00
2017/05/29	06:00:16.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/29	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/05/29	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/29	06:02:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2017/05/29	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	06:09:56.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]			
		XRT_FOCUS_RECAL	2	07-F8	78 00
2017/05/29	06:10:00.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	04 00 00 00 00
2017/05/29	06:13:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 17/20

2017/05/29	06:14:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/29	06:14:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/29	06:14:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/29	06:14:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/29	06:14:24.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	06:14:26.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2017/05/29	06:14:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/29	06:14:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/29	06:52:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	06:52:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	06:52:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/29	06:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/29	07:31:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/29	07:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/29	08:32:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	08:32:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	08:32:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/29	08:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/29	09:10:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/29	09:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/29	10:12:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	10:12:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	10:12:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/29	10:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/29	10:48:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/29	10:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/29	11:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	11:57:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	11:57:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/29	12:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/29	12:26:30.0	XRT_Custom_430_OG [0x1ae]							
2017/05/29	12:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/29	13:36:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	13:36:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	13:36:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/29	13:39:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/29	13:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	13:59:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2017/05/29	14:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	01	00	00	00	00
2017/05/29	14:00:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/29	14:00:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/29	14:00:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/29	14:00:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/29	14:00:24.0	XRT_FLD_RESET_427_OG [0x1ab]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	14:05:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f			
2017/05/29	14:05:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2017/05/29	14:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/29	15:14:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	15:14:02.0	XRT_FLD_RESET_415_OG [0x19f]							

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 18/20

2017/05/29	15:14:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_FLD_RESET	1	07-F0	da
			MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	15:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	15:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	15:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	15:52:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	15:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	15:58:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/29	15:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	16:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	16:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	16:52:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	16:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	17:35:30.0	XRT_Custom_430_OG [0x1ae]				
2017/05/29	17:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	18:06:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/29	18:06:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00
2017/05/29	18:06:46.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/05/29	18:09:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/05/29	18:09:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/29	18:09:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2017/05/29	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	18:16:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	18:16:26.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/05/29	18:16:30.0	AOCS_Ore-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	02 00 00 00 00
2017/05/29	18:16:46.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/05/29	18:16:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/05/29	18:16:50.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/05/29	18:16:52.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/05/29	18:16:54.0	XRT_FLD_RESET_417_OG [0x1a1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	18:19:26.0	XRT_QT_PROG_SET_420_OG [0x1a4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2017/05/29	18:19:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/05/29	18:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	18:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	18:31:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	18:31:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	18:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	19:12:00.0	XRT_Custom_430_OG [0x1ae]				
2017/05/29	19:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	20:09:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	20:09:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	20:09:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/05/29	20:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/05/29	20:49:00.0	XRT_Custom_430_OG [0x1ae]				
2017/05/29	20:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/05/29	21:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/05/29	21:47:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/05/29	21:47:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]	MDP_XRT_PREFLR_STRT	1	07-F0	e8

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 19/20

2017/05/29	21:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/29	22:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	22:19:56.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/05/29	22:20:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2017/05/29	22:20:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/29	22:20:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/29	22:20:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/29	22:20:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/29	22:20:24.0	XRT_FLD_RESET_428_OG [0x1ac]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	22:26:26.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2017/05/29	22:26:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2017/05/29	22:26:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/29	23:26:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/29	23:26:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/29	23:26:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/29	23:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/29	23:55:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/29	23:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/30	01:04:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	01:04:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	01:04:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/30	01:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/30	01:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	01:29:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/05/30	01:30:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2017/05/30	01:30:16.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/30	01:30:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/30	01:30:20.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/30	01:30:22.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/30	01:30:24.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	01:34:26.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2017/05/30	01:34:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2017/05/30	01:34:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/30	02:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	02:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	02:39:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/30	02:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/30	03:12:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/30	03:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/30	04:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	04:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	04:07:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/30	04:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/30	04:50:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/30	04:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/30	05:48:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	05:48:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	05:48:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				

May 23, 17 11:29

XRT_OGLIST_0766.chk

Page 20/20

2017/05/30	05:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/30	06:33:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	06:33:26.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2017/05/30	06:33:30.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2017/05/30	06:33:46.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2017/05/30	06:36:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2017/05/30	06:36:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/30	06:36:28.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2017/05/30	06:36:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/30	06:43:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	06:43:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2017/05/30	06:43:30.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2017/05/30	06:43:46.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2017/05/30	06:43:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2017/05/30	06:43:50.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2017/05/30	06:43:52.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2017/05/30	06:43:54.0	XRT_FLD_RESET_417_OG [0x1a1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	06:46:26.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2017/05/30	06:46:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2017/05/30	06:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/30	07:28:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	07:28:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	07:28:04.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/30	07:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/30	08:07:00.0	XRT_Custom_430_OG [0x1ae]							
2017/05/30	08:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2017/05/30	09:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2017/05/30	09:07:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2017/05/30	09:07:34.0	XRT_PREFLR_STRT_444_OG [0x1bc]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2017/05/30	09:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2017/05/30	10:47:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				