

XRT Timeline to be uploaded on 2016/02/16

Period: 2016/02/16 10:06:00 - 2016/02/20 11:10:00

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Normal mode

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XOB #1AEB: CME watch - 4x4 - AEC 2 - Be-thin - G-band (2x2,1ms) - Leak (2x2,1ms) - 240s cad														
Term	Pointing (x, y)		Comment											
02/16 10:19:00 - 02/16 16:00:54	Track (	0.0, 0.0)	# OP start + 10min EIS pre-bakeout										
PROG= 05 Inf.-time(s)														
└─ Subr= 1 45-time(s) 240.0sec														
└─ Seqn= 29 1-time(s) 4.0sec														
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048	(1024, 1024)	Q=98	2	0	2.0sec
└─ Subr= 2 1-time(s) 2.0sec														
└─ Seqn= 26 1-time(s) 2.0sec														
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	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 #1AFE: 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											
02/16 16:04:00 - 02/16 17:59:54	Track (	881.2, 233.3)	AR 12497											
PROG= 13 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= 2 4-time(s) 180.0sec														
	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	55.0sec
	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	55.0sec
	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 #1B11: Synoptic Q95 2x2 - Al/mesh(8/181/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(16/181/4096) + Th														
Term	Pointing (x, y)		Comment											
02/16 18:03:00 - 02/16 18:09:54	Fixed (	0.0, 0.0)	synoptic											
02/17 06:18:30 - 02/17 06:25:24	Fixed (	0.0, 0.0)	synoptic, shifted 15.5 min											
02/17 13:20:00 - 02/17 13:25:00	Fixed (	-16.0, 19.0)	11/20											
02/17 20:42:00 - 02/17 20:48:54	Fixed (	0.0, 0.0)	synoptic shted manually											
02/18 05:50:30 - 02/18 05:57:24	Fixed (	0.0, 0.0)	synoptic, shifted -12.5 min											
PROG= 12 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= 37 1-time(s) 2.0sec														
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	8ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 51 1-time(s) 2.0sec														
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	16ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 6 1-time(s) 2.0sec														
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	63ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
└─ Seqn= 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 #1B10: AR - (Filter-Ratio with Al/poly and thin-Be) , 512x512 at 1256 1096, with G-band (3ms/3ms VLS=CLS), with PFB, 90 cad													
Term	Pointing (x, y)		Comment										

PROG= 20 Inf.-time(s)													
Subr= 1		1-time(s)		2.0sec									
Seqn= 41			1-time(s)		2.0sec								
	Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	512x512 (1256, 1096)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	512x512 (1256, 1096)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1256, 1096)	Q=98	0	0	2.0sec
Subr= 2		1-time(s)		2.0sec									
Seqn= 25			60-time(s)		90.0sec								
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1256, 1096)	Q=95	2	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1256, 1096)	Q=95	2	0	24.0sec
	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	24.0sec
	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 #1B0F: AR - (Filter-Ratio with Al/poly and thin-Be) , 512x512 at 1256 1096, with G-band (3ms/3ms VLS=CLS), with PFB, 120 cad

Term	Pointing (x, y)	Comment
02/17 02:03:00 - 02/17 06:15:24	Fixed (910.0, 205.0)	AR 12497

PROG= 19 Inf.-time(s)													
Subr= 1		1-time(s)		2.0sec									
Seqn= 41			1-time(s)		2.0sec								
	Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	512x512 (1256, 1096)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	512x512 (1256, 1096)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1256, 1096)	Q=98	0	0	2.0sec
Subr= 2		1-time(s)		2.0sec									
Seqn= 21			45-time(s)		120.0sec								
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	512x512 (1256, 1096)	Q=95	2	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1256, 1096)	Q=95	2	0	34.0sec
	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	34.0sec
	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 #1B00: CME watch - 4x4 - AEC 2 - Be-thin - G-band (2x2,1ms) - Leak (2x2,1ms) - 360s cad

Term	Pointing (x, y)	Comment
02/17 06:28:30 - 02/17 07:19:00	Fixed (-16.0, -971.0)	# HOP 79 1/20
02/17 07:46:30 - 02/17 08:13:24	Fixed (-16.0, -871.0)	2/20
02/17 09:22:30 - 02/17 09:49:24	Fixed (-16.0, -671.0)	4/20
02/17 09:52:30 - 02/17 10:41:00	Fixed (-16.0, -571.0)	5/20
02/17 11:20:00 - 02/17 11:46:54	Fixed (-16.0, -371.0)	7/20
02/17 11:50:00 - 02/17 12:16:54	Fixed (-16.0, -271.0)	8/20
02/17 12:50:00 - 02/17 13:16:54	Fixed (-16.0, -71.0)	10/20
02/17 13:25:38 - 02/17 13:46:54	Fixed (-16.0, 19.0)	11/20
02/17 13:50:00 - 02/17 14:27:30	Fixed (-16.0, 119.0)	12/20
02/17 14:40:00 - 02/17 15:06:54	Fixed (-16.0, 219.0)	13/20
02/17 16:28:30 - 02/17 16:55:24	Fixed (-16.0, 419.0)	15/20
02/17 16:58:30 - 02/17 17:37:30	Fixed (-16.0, 519.0)	16/20
02/17 18:35:00 - 02/17 19:14:30	Fixed (-16.0, 719.0)	18/20
02/17 19:42:00 - 02/17 20:08:54	Fixed (-16.0, 819.0)	19/20
02/17 20:12:00 - 02/17 20:38:54	Fixed (-16.0, 919.0)	HOP 79 20/20

PROG= 03 Inf.-time(s)													
Subr= 1		30-time(s)		360.0sec									
Seqn= 29			1-time(s)		4.0sec								
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Subr= 2		1-time(s)		2.0sec									
Seqn= 26			1-time(s)		2.0sec								
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	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 #1B0E: CME watch - 4x4 - AEC 2 - Be-thin - G-band (2x2,1ms) - Leak (2x2,1ms) - 360s cad(G-band/Leak first)

Term	Pointing (x, y)	Comment
02/17 08:16:30 - 02/17 08:59:00	Fixed (-16.0, -771.0)	3/20
02/17 10:50:00 - 02/17 11:16:54	Fixed (-16.0, -471.0)	6/20
02/17 12:20:00 - 02/17 12:46:54	Fixed (-16.0, -171.0)	9/20
02/17 15:10:00 - 02/17 16:01:00	Fixed (-16.0, 319.0)	14/20
02/17 18:05:00 - 02/17 18:31:54	Fixed (-16.0, 619.0)	17/20

PROG= 09 Inf.-time(s)													
Subr= 1		1-time(s)		2.0sec									
Seqn= 26			1-time(s)		4.0sec								
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2		10-time(s)		360.0sec									
Seqn= 29			1-time(s)		2.0sec								

thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1B01: 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
02/17 21:16:00 - 02/18 05:47:24	Track (251.8, 248.4) @ 02/17 20:49:00	# AR 12499
02/18 06:00:30 - 02/18 09:35:30	Track (333.0, 245.5) @ 02/18 05:57:30	# AR12499

PROG= 06 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	4-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= 90	4-time(s)	300.0sec										
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	95.0sec
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	95.0sec
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	

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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 512

Term	Pointing (x, y)	Comment
02/16 10:19:00 - 02/16 16:00:54	Track (0.0, 0.0) @ 02/16 10:16:00	# OP start + 10min EIS pre-bakeout
02/16 16:04:00 - 02/16 17:59:54	Track (881.2, 233.3) @ 02/16 16:01:00	AR 12497
02/16 18:13:00 - 02/17 01:59:54	Track (888.5, 231.1) @ 02/16 18:10:00	# AR 12497
02/17 02:03:00 - 02/17 06:15:24	Fixed (910.0, 205.0)	AR 12497
02/17 06:28:30 - 02/17 07:19:00	Fixed (-16.0, -971.0)	# HOP 79 1/20
02/17 07:46:30 - 02/17 08:13:24	Fixed (-16.0, -871.0)	2/20
02/17 08:16:30 - 02/17 08:59:00	Fixed (-16.0, -771.0)	3/20
02/17 09:22:30 - 02/17 09:49:24	Fixed (-16.0, -671.0)	4/20
02/17 09:52:30 - 02/17 10:41:00	Fixed (-16.0, -571.0)	5/20
02/17 10:50:00 - 02/17 11:16:54	Fixed (-16.0, -471.0)	6/20
02/17 11:20:00 - 02/17 11:46:54	Fixed (-16.0, -371.0)	7/20
02/17 11:50:00 - 02/17 12:16:54	Fixed (-16.0, -271.0)	8/20
02/17 12:20:00 - 02/17 12:46:54	Fixed (-16.0, -171.0)	9/20
02/17 12:50:00 - 02/17 13:16:54	Fixed (-16.0, -71.0)	10/20
02/17 13:25:38 - 02/17 13:46:54	Fixed (-16.0, 19.0)	11/20
02/17 13:50:00 - 02/17 14:27:30	Fixed (-16.0, 119.0)	12/20
02/17 14:40:00 - 02/17 15:06:54	Fixed (-16.0, 219.0)	13/20
02/17 15:10:00 - 02/17 16:01:00	Fixed (-16.0, 319.0)	14/20
02/17 16:28:30 - 02/17 16:55:24	Fixed (-16.0, 419.0)	15/20
02/17 16:58:30 - 02/17 17:37:30	Fixed (-16.0, 519.0)	16/20
02/17 18:05:00 - 02/17 18:31:54	Fixed (-16.0, 619.0)	17/20
02/17 18:35:00 - 02/17 19:14:30	Fixed (-16.0, 719.0)	18/20
02/17 19:42:00 - 02/17 20:08:54	Fixed (-16.0, 819.0)	19/20
02/17 20:12:00 - 02/17 20:38:54	Fixed (-16.0, 919.0)	HOP 79 20/20
02/17 21:16:00 - 02/18 05:47:24	Track (251.8, 248.4) @ 02/17 20:49:00	# AR 12499
02/18 06:00:30 - 02/18 09:35:30	Track (333.0, 245.5) @ 02/18 05:57:30	# AR12499

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

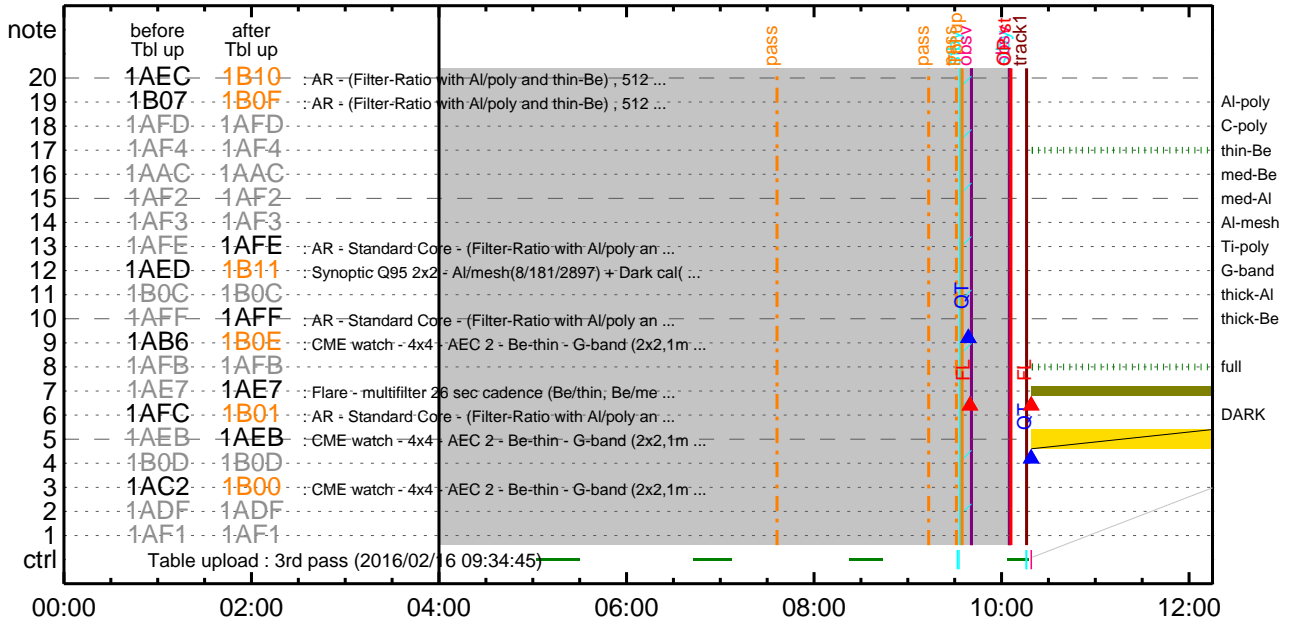
* * * * *

Flare Detection

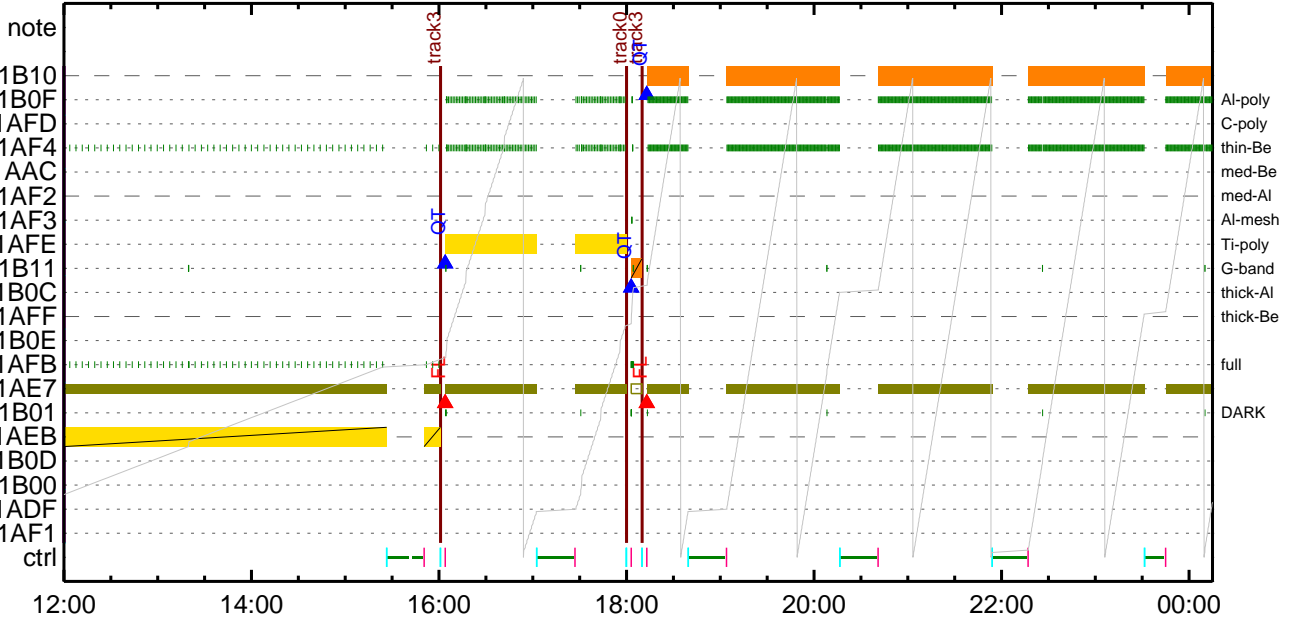
* * * * *

FLD Patrol										
Term		Pointing (x, y)					Comment			
02/16 18:10:18 - 02/17 06:15:48		Track (888.5, 231.1) ^{@ 02/16 18:10:00}					# AR 12497			
02/17 06:25:48 - 02/17 13:17:18		Fixed (-16.0, -971.0)					# HOP 79 1/20			
02/17 13:25:24 - 02/17 20:39:18		Fixed (-16.0, 19.0)					11/20			
02/17 20:49:18 - 02/18 05:47:48		Track (251.8, 248.4) ^{@ 02/17 20:49:00}					# AR 12499			
02/18 05:57:48 - 02/20 11:10:00		Track (333.0, 245.5) ^{@ 02/18 05:57:30}					# AR12499			
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

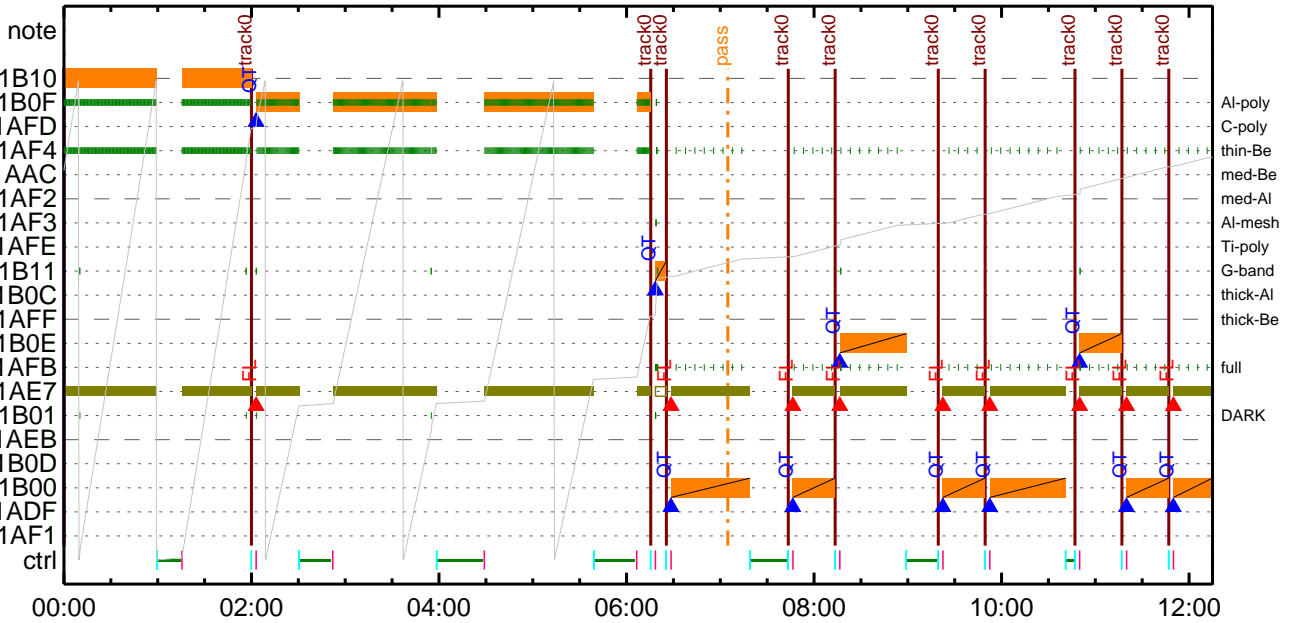
CMDI #0705 2016/02/16



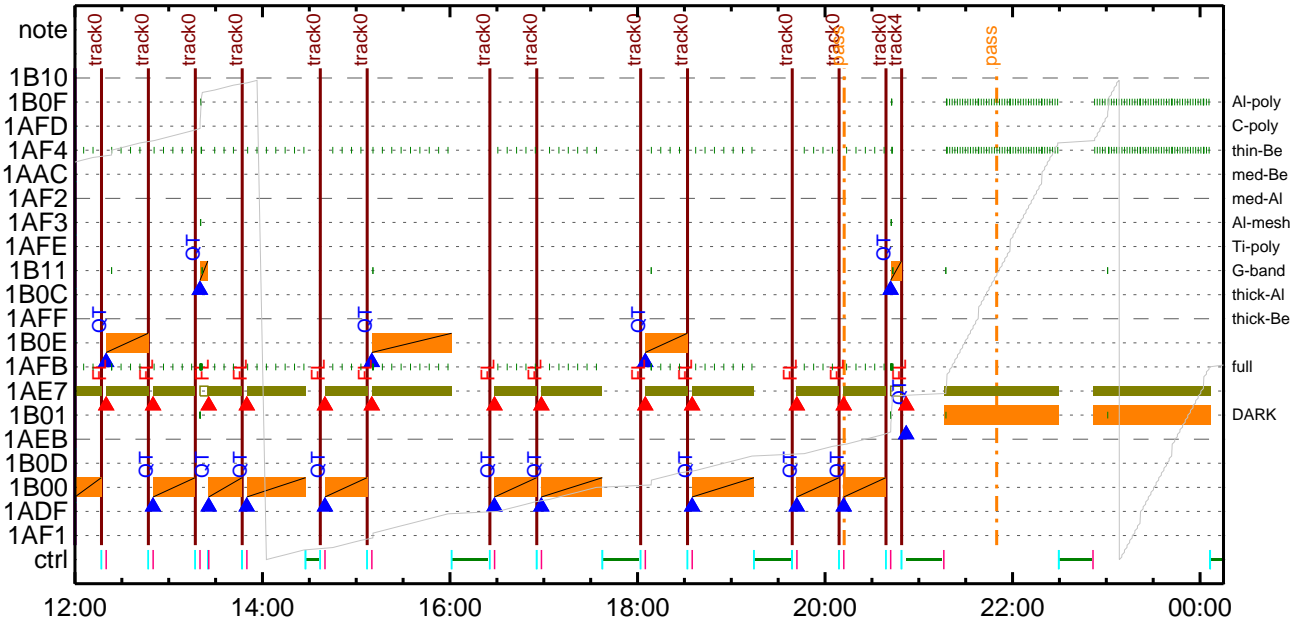
CMDI #0705 2016/02/16



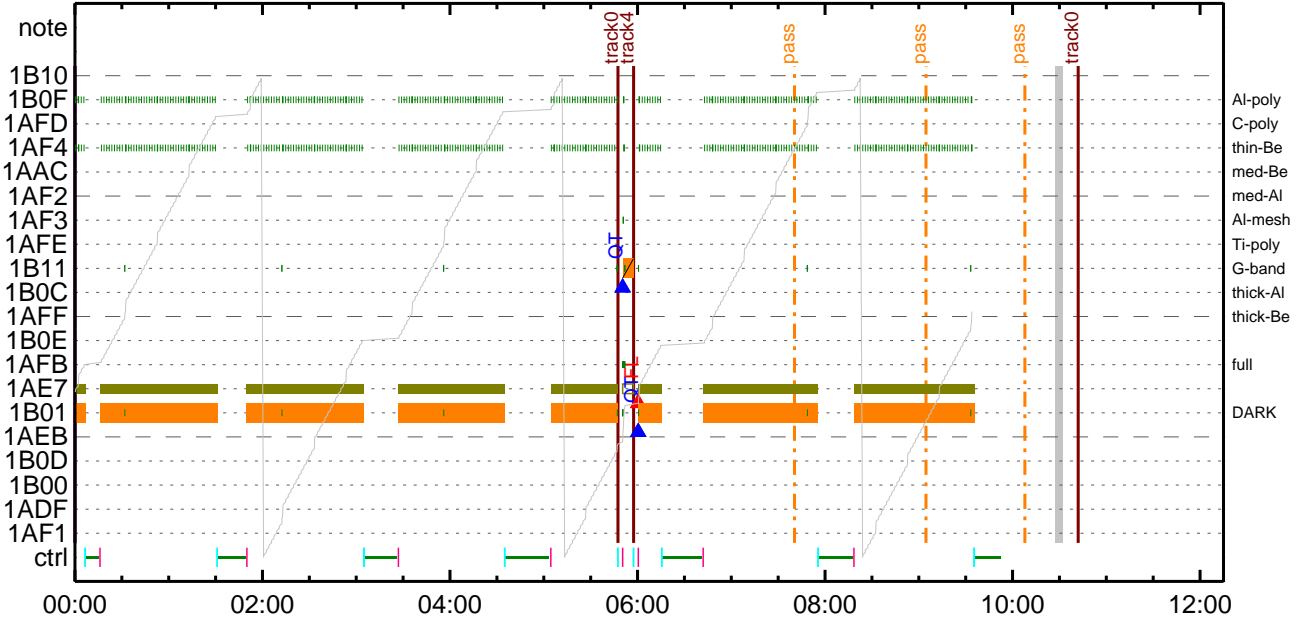
CMDI #0705 2016/02/17



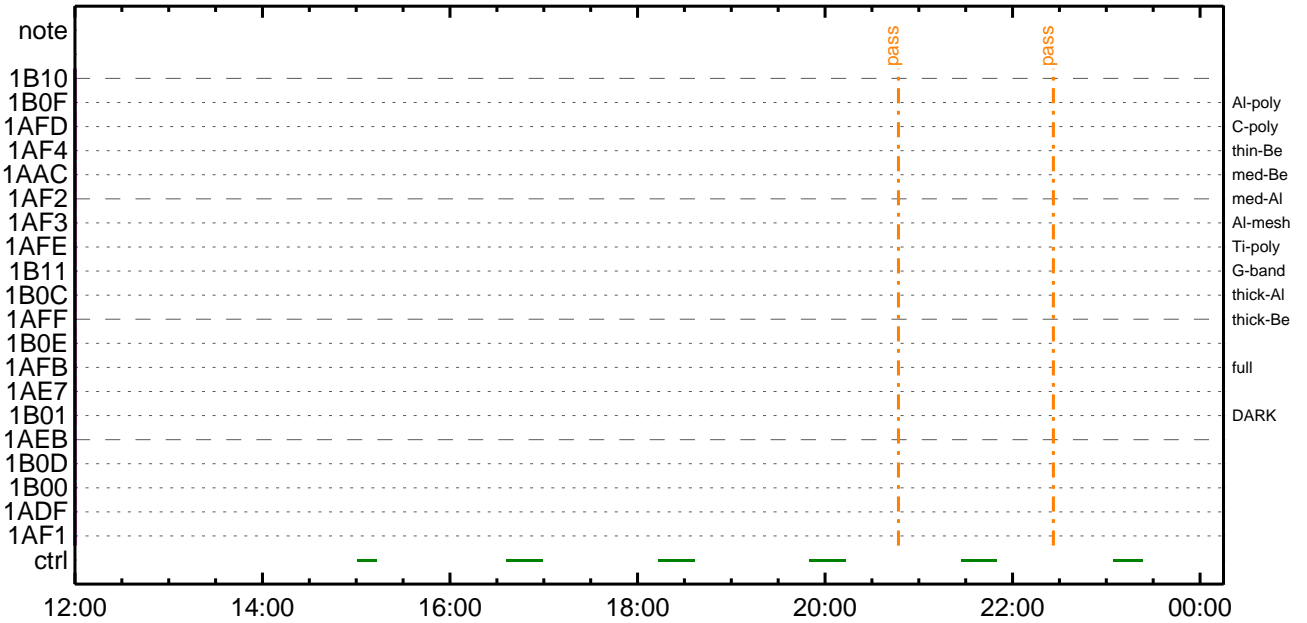
CMDI #0705 2016/02/17



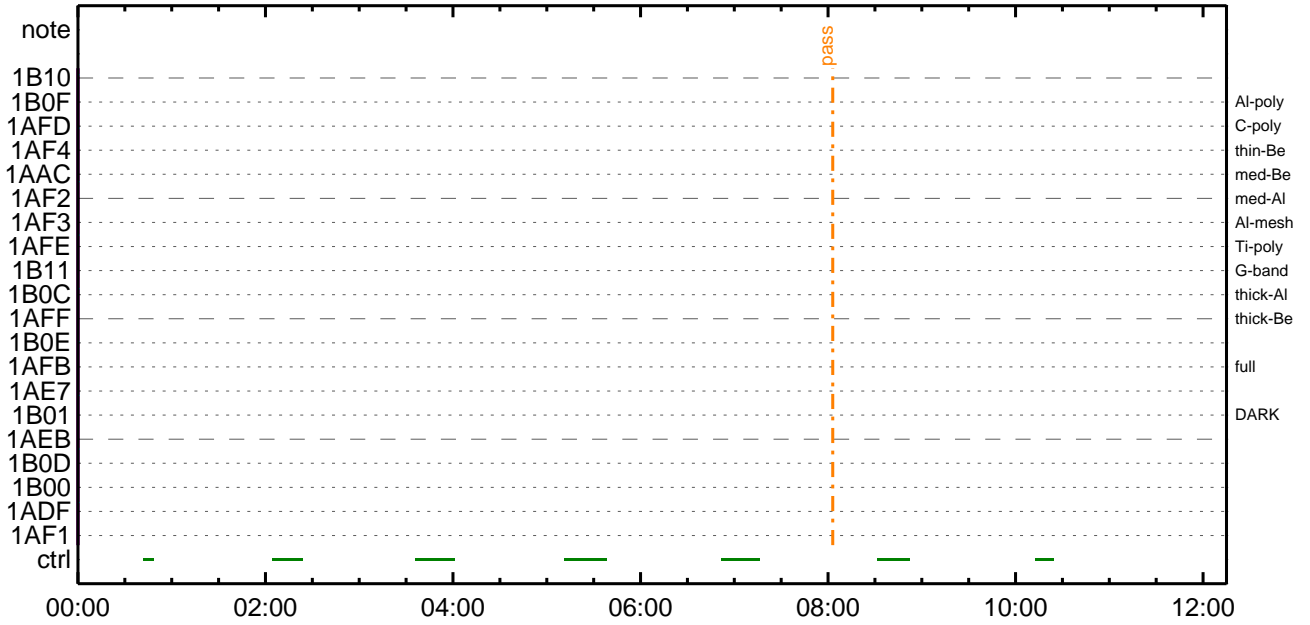
CMDI #0705 2016/02/18



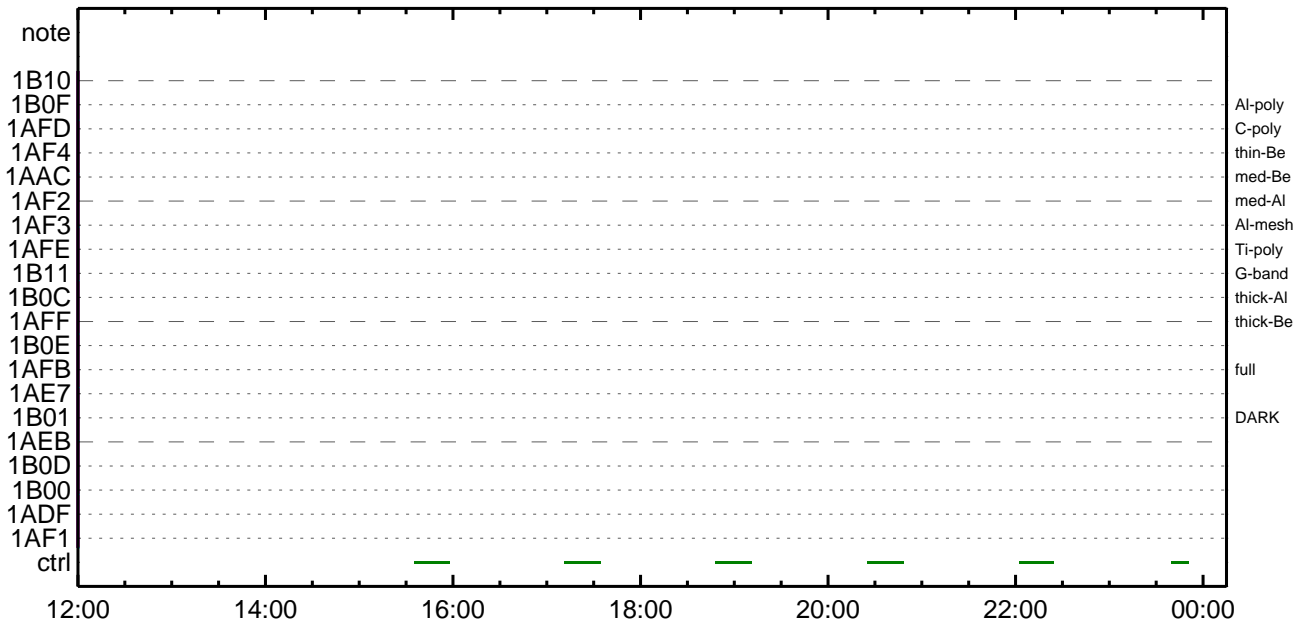
CMDI #0705 2016/02/18



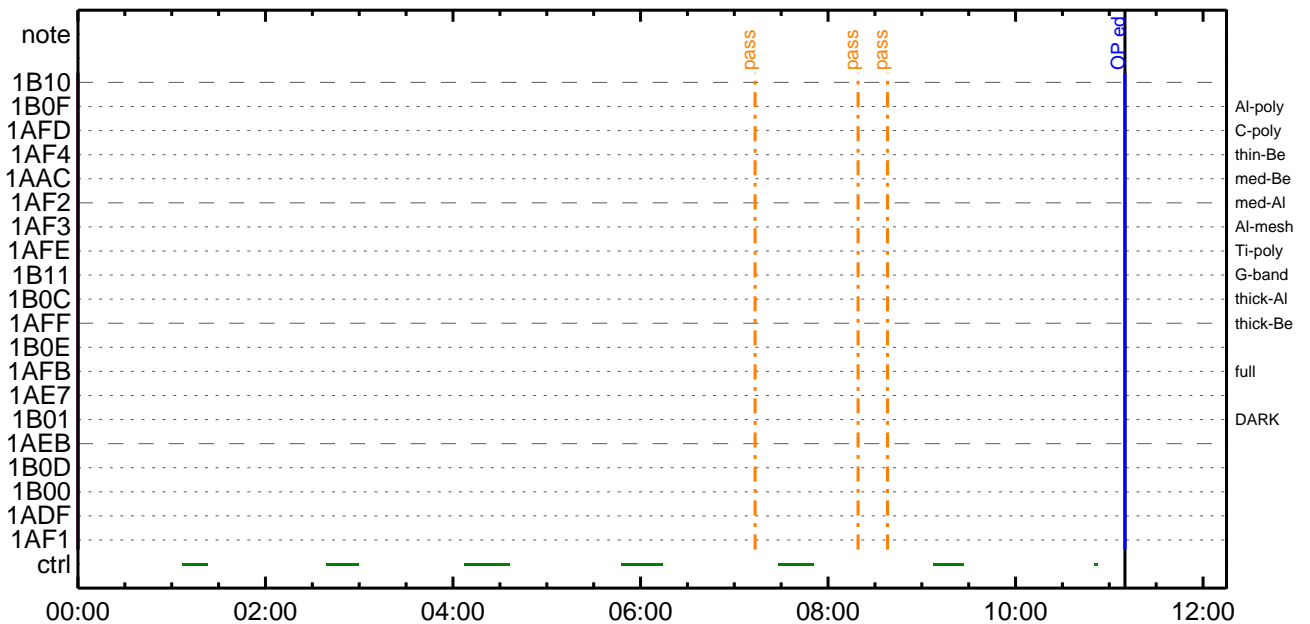
CMDI #0705 2016/02/19

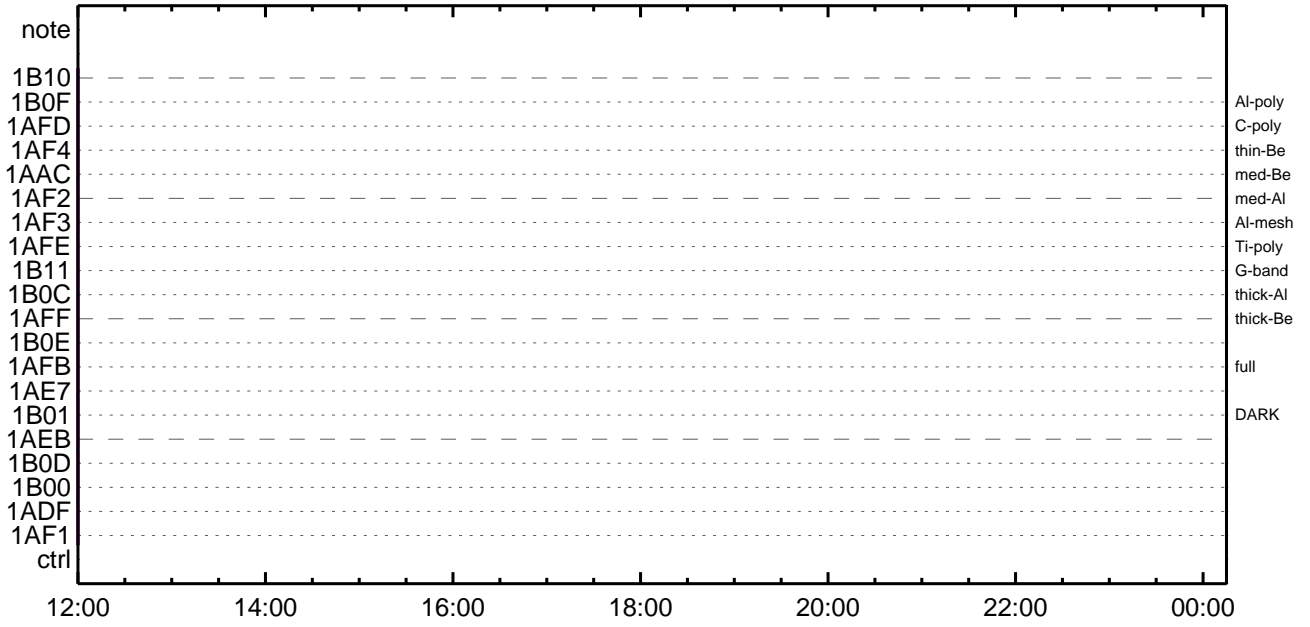


CMDI #0705 2016/02/19



CMDI #0705 2016/02/20





(a) Spacecraft Operation Procedure (real-commands)

main-664 2016-02-16 14:04:32 289 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÃY\$YÃY~¼Ã»Û;ã
0005 C.
0006 C. YÃYß;¼Y³YFYOYÉÁ+¿@
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;Èð¿ðÃð•µ°È»Í×ÁÇðÍYÇYÃY×YÍ;¼YÉ;ÈÈÈ¼µ•íÉ;ÈðÈ¼°ÇÕð•α¿¼í¹ÇαÍ;¿À@, ùα¹αÈððÇÁ+¿@α•ðÈððð³αÈ; ð
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÁ+¿µ;ON
0016 C. *****
0017 C. ¿ °ÃÀ, í×ÈYðãÀLOSðÞÇðÍ»Þ´Öðð¹ÍÍ, α•; ¿ÉÔÍ×αÈXÃÓONαÍ¹ÖðÈðÍαÈððð³αÈ; ð
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. ¿¿[HK1_XPA_ON/OFF] EQ ON
0025 C. ¿¿[HK1_XPA_PWR_HI/LO] EQ HI
0026 C. ¿¿[HK1_XMOD_ON/OFF] EQ ON
0027 C. ¿¿[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 . C. XYDYÓYÉYÍYÃY~¾ÔÃÖð-ºÀÃÊð•α¿;µé; ¿°È²¼αÍ°ÈÀ, ¼¿½¿Çαðð¼Ã¹Öα¹αé; ð
0030 C.
0031 . C. *****
0032 C. DR PT1 ÃÍ¼í°ÈÀ,
0033 C. *****
0034 C. ¿" RESTART; ÈPT1; Èð•α¿α¿¼í¹ÇαÍ; ¿°È²¼αÍ°ÈÀ¹Öð»α°; ¿DCBC-150αØ¿Èðã; ð
0035 C.
0036 . C. ;ãPT1°ÈÀ, ³«»Í;ã
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01 00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. ¿¿[HK1_REP_PT_1/2] EQ PT1 (¼Ã¹Ö, ;¼Ú)
0043 C. ¿¿[HK1_REP_STA/STP] EQ START (¼Ã¹Ö, ;¼Ú)
0044 C. ¿¿[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ö, ;¼Ú)
0045 C.
0046 . C. ;ãYÇYOYÈYÈÀÙÁØ; ÈÀ•ÃºóÈð; È, áαí°ÈÀ, °È³«;ã
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ¿¿[HK1_REP_PT_1/2] EQ PT1 (¼Ã¹Ö, ;¼Ú)
0050 C. ¿¿[HK1_REP_STA/STP] EQ START (¼Ã¹Ö, ;¼Ú)
0051 C. ¿¿[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ö, ;¼Ú)
0052 C.
0053 C.
0054 . C. PT1°ÈÀ, α-¾«È°Ãã»ßα•α¿, á; ¿°È²¼αðð¼Ã¹Öα¹αé; ð
0055 C. YÇYOYÈYÈÀÙÁØðãÃ•ÃºóÈðð-¶áα¿¼í¹ÇαÍ´°Í»α¹αÈðÞÇÁÖðÃ; ð
0056 C.
0057 . C. *****
0058 C. DR PT2 ÃÍ¼í°ÈÀ,
0059 C. *****
0060 C. ¿" RESTART; ÈPT2; Èð•α¿α¿¼í¹ÇαÍ; ¿°È²¼αÍ°ÈÀ¹Öð»α°; ¿DCBC-151αØ¿Èðã; ð
0061 C.
0062 . C. ;ãPT2°ÈÀ, ³«»Í;ã
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02 00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. ¿¿[HK1_REP_PT_1/2] EQ PT2 (¼Ã¹Ö, ;¼Ú)
0069 C. ¿¿[HK1_REP_STA/STP] EQ START (¼Ã¹Ö, ;¼Ú)
0070 C. ¿¿[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ö, ;¼Ú)
0071 C.
0072 . C. ;ãYÇYOYÈYÈÀÙÁØ; ÈÀ•ÃºóÈð; È, áαí°ÈÀ, °È³«;ã
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ¿¿[HK1_REP_PT_1/2] EQ PT2 (¼Ã¹Ö, ;¼Ú)
0076 C. ¿¿[HK1_REP_STA/STP] EQ START (¼Ã¹Ö, ;¼Ú)
0077 C. ¿¿[HK1_X_VC4_ON/OFF] EQ ON (¼Ã¹Ö, ;¼Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÈÀ, Áã»ß; ¿XÁ+¿µ;OFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÈÀ, Áã»ß;ã
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ¿¿[HK1_REP_STA/STP] EQ STOP
0087 C. ¿¿[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ¿¿[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÁ+¿µ;OFF;ã
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5 TCIA_XPA_OFF
0094 C. ¿¿[HK1_XMOD_ON/OFF] EQ OFF
0095 C. ¿¿[HK1_XPA_ON/OFF] EQ OFF

```
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-664:OP
0104 ( )
0105 S. OG og-664:OG
0106 ( )
0107 C.
0108 C. ;aNMOG&OPf^°eYAYOX;a
0109 C. NMOG(0x200000-0x207FFF;s 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C.         c{[HK1_DMP_TOP_ADRS_1]          EQ      40
0113 C.         c{[HK1_DMP_TOP_ADRS_0]          EQ      0
0114 C.         c{[HK1_DMP_BLOCK_NUM]          EQ     127
0115 C.         c{[HK1_DMP_REPEAT_NUM]         EQ      0
0116 C.         c{[HK1_DMA_DMP_PIM]            EQ     DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C.         c{[HK1_PKT_FORM_NO]             EQ      7
0120 C.         c{[HK1_PKT_GEN_TIME]            EQ     0.25 s
0121 C.         c{[HK1_S_TLM_BIT_RATE]          EQ     32k
0122 C.         c{[HK1_X_TLM_BIT_RATE]          EQ      4M
0123 C.         c{[HK1_DMP_CHK_FLG]            EQ     EXEC
0124 C. YAYOXx1/2^a i>od^3 iC$
0125 C.         c{[HK1_DMP_CHK_FLG]             EQ     NON
0126 C. RAM ID=NMOGqf^E^1 c. e^2 iOKod^3 iC$
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;s 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C.         c{[HK1_DMP_TOP_ADRS_1]          EQ     41
0132 C.         c{[HK1_DMP_TOP_ADRS_0]          EQ      0
0133 C.         c{[HK1_DMP_BLOCK_NUM]          EQ     127
0134 C.         c{[HK1_DMP_REPEAT_NUM]         EQ      0
0135 C.         c{[HK1_DMA_DMP_PIM]            EQ     DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C.         c{[HK1_PKT_FORM_NO]             EQ      7
0139 C.         c{[HK1_PKT_GEN_TIME]            EQ     0.25 s
0140 C.         c{[HK1_S_TLM_BIT_RATE]          EQ     32k
0141 C.         c{[HK1_X_TLM_BIT_RATE]          EQ      4M
0142 C.         c{[HK1_DMP_CHK_FLG]            EQ     EXEC
0143 C. YAYOXx1/2^a i>od^3 iC$
0144 C.         c{[HK1_DMP_CHK_FLG]             EQ     NON
0145 C. RAM ID=NMOGqf^E^1 c. e^2 iOKod^3 iC$
0146 C.
0147 C. NMOG(0x210000-0x2100FF;s 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C.         c{[HK1_DMP_TOP_ADRS_1]          EQ     42
0151 C.         c{[HK1_DMP_TOP_ADRS_0]          EQ      0
0152 C.         c{[HK1_DMP_BLOCK_NUM]          EQ     65
0153 C.         c{[HK1_DMP_REPEAT_NUM]         EQ      0
0154 C.         c{[HK1_DMA_DMP_PIM]            EQ     DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C.         c{[HK1_PKT_FORM_NO]             EQ      7
0158 C.         c{[HK1_PKT_GEN_TIME]            EQ     0.25 s
0159 C.         c{[HK1_S_TLM_BIT_RATE]          EQ     32k
0160 C.         c{[HK1_X_TLM_BIT_RATE]          EQ      4M
0161 C.         c{[HK1_DMP_CHK_FLG]            EQ     EXEC
0162 C. YAYOXx1/2^a i>od^3 iC$
0163 C.         c{[HK1_DMP_CHK_FLG]             EQ     NON
0164 C. RAM ID=NMOG, RAM ID=OPqf^E^1 c. e^2 iOKod^3 iC$
0165 C.
0166 C. ***** oE^2 q i^3 A^1 q A^o E E - o A^+ z @ (% a u - YAYOXx1/2^e^1/2 c o d A O A e o C^1 a o^ o e^1 i^1 c o c a) *****
0167 C. DHU Ya; 4YE; E^1/2^1, Y; 1/2^1 E; E o d i a^1
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C.         c{[HK1_PKT_FORM_NO]             EQ      2
0171 C.         c{[HK1_PKT_GEN_TIME]            EQ     0.5S
0172 C.         c{[HK1_S_TLM_BIT_RATE]          EQ     32K
0173 C.         c{[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 | s OPOG UPLOAD o - A^+ z @ N G u i^1 i^1 c; c^o E^2 q o i TI-CMD A^+ z @ o i^1 A^1 O a o E o o o^3 o E; f
0180 C.         o P o z; c SET o E D U M P o i E^+ o i Y N Y^1 o C^1 O a | o^3 o E; f
0181 C.
0182 C. TI Y^3 Y P Y O Y E o d A D i^1 z (UT)
0183 +. TI 2016-02-16 10:01:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C.         c{[HK1_TI_CMD_NUM]               EQ     1COUNTUP
0186 C.
0187 +. TI 2016-02-16 10:01:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C.         c{[HK1_TI_CMD_NUM]               EQ     1COUNTUP
0190 C.
0191 +. TI 2016-02-16 10:01:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C.         c{[HK1_TI_CMD_NUM]               EQ     1COUNTUP
```


(a) Spacecraft Operation Procedure (real-commands)

```
main-666 2016-02-16 14:04:32 154 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;äAOSYÁY$YÁY-¼Á»Û;ä
0005 C.
0006 C. YÁYB;¼Y³YFYóYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿áÅª•µ°È»Í×ÁÇáíY¿YÁY×Yí;¼YÉ;ÈÈ%µ•íÍÉ;ÈÈ¼°ÇÔª•ª¿¼l¹¿ªÍ;çÀ®, ùª¹ªÈªªªçÁ+¿®ª•ªÈªªªªªÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop FG table >
0018 +. DC 07-F0 MDP_FG_CTRL_MANU
0019 BC (51)
0020 . C. -----
0021 C. MDP_FG_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload FG Observation Table>
0025 . S. RAM ram-261:MDP_OBS_F
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_F >
0029 +. DC 07-F0 MDP_DUMP_FGTBL
0030 BC (82 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_F verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 . C. < Upload DPL table >
0036 C.
0037 C. Y¿YÁY×Yí;¼YÉªîÁª°ªÈSTS_CHKªðOFFªÈª¹ªè
0038 C.
0039 . S. RAM ram-271:MDP_DPL
0040 ( )
0041 C.
0042 . C. < Dump RAMID=MDP_DPL >
0043 +. DC 07-F0 MDP_DUMP_FGTBL
0044 BC (82 07 00 38 b8 00 40)
0045 C. -----
0046 C. MDP_DPL verify = OK [ ]
0047 C. -----
0048 C.
0049 C. STS_CHKªðONªÈª¹ªè
0050 C.
0051 . C. < Update MDP DSC PAR1 >
0052 +. DC 07-F0 MDP_DSC_PAR1_UPDATE
0053 BC (4c)
0054 C. MDP_CMD_CODE = F04C0700[ ]
0055 C. MDP_CMD_CNT (count-up 1) [ ]
0056 C. -----
0057 C.
0058 C.
0059 C. *****
0060 C. SOT TI command set
0061 C. *****
0062 C. Execute, after the success of TBL upload.
0063 +. TI 2016-02-16 10:05:18.0
0064 DC 07-F0 MDP_SOT_MODE_OBSV
0065 BC (40)
0066 C. -----
0067 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0068 C. -----
0069 C.
0070 C.
0071 C. ***** XRT START *****
0072 C.
0073 +. DC 07-F0 MDP_XRT_CTRL_MANU
0074 BC (c1)
0075 +. DC 07-F0 MDP_XRT_CTRL_MANU
0076 BC (c1)
0077 +. DC 07-F0 MDP_XRT_MODE_STBY
0078 BC (c3)
0079 . C. ----- Success Verify ? OK / NG____
0080 C.
0081 C. XRT Obs. Table Upload
0082 . S. RAM ram-291:MDP_OBS_X
0083 ( )
0084 C.
0085 +. DC 07-F0 MDP_DUMP_XRTTBL
0086 BC (84 07 00 00 00 3a d4)
0087 . C. ----- Comparison Check ? OK / ERR ____
0088 C.
0089 C.
0090 +. DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 01 b1 b1 04 04)
0092 +. DC 07-F0 MDP_XRT_ROI_SET
0093 BC (cd 02 b1 b1 08 08)
0094 +. DC 07-F0 MDP_XRT_ROI_SET
0095 BC (cd 03 b1 b1 08 08)
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0096 + DC 07-F0 MDP_XRT_ROI_SET
0097 BC (cd 04 b1 b1 06 06)
0098 + DC 07-F0 MDP_XRT_ROI_SET
0099 BC (cd 06 85 83 06 06)
0100 + DC 07-F0 MDP_XRT_ROI_SET
0101 BC (cd 07 80 80 20 20)
0102 + DC 07-F0 MDP_XRT_ROI_SET
0103 BC (cd 08 80 80 20 08)
0104 + DC 07-F0 MDP_XRT_ROI_SET
0105 BC (cd 09 80 80 08 20)
0106 + DC 07-F0 MDP_XRT_ROI_SET
0107 BC (cd 0a 9d 89 08 08)
0108 + DC 07-F0 MDP_XRT_ROI_SET
0109 BC (cd 0f 80 80 06 06)
0110 + DC 07-F0 MDP_XRT_ROI_SET
0111 BC (cd 10 80 80 08 08)
0112 + DC 07-F0 MDP_XRT_FLD_ENA
0113 BC (d8)
0114 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0115 BC (c8)
0116 + DC 07-F0 MDP_XRT_ARS_DIS
0117 BC (d5)
0118 + DC 07-F0 MDP_XRT_AEC_RESET
0119 BC (d0)
0120 + DC 07-F0 MDP_XRT_FLD_RESET
0121 BC (da)
0122 + DC 07-F0 MDP_XRT_QT_PROG_SET
0123 BC (c4 0a)
0124 + DC 07-F0 MDP_XRT_FL_PROG_SET
0125 BC (c5 07)
0126 . C. ----- Success Verify ? OK / NG ____
0127 C.
0128 C.
0129 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0130 C.
0131 + DC 07-F0 MDP_XRT_MODE_OBSV
0132 BC (c2)
0133 + TI 2016-02-16 10:05:02.0
0134 DC 07-F0 MDP_XRT_MODE_OBSV
0135 BC (c2)
0136 . C. ----- Success Verify ? OK / NG ____
0137 C.
0138 C. ***** XRT END *****
0139 C.
0140 . C. ***** MDP 'uÃîâî»ö¼ÝðÊÃÐð¹æDCBC•x²è *****
0141 C. (%ã°îÿÓÿÄÿËÿÏÿËÿâÿçÿèæ¼¼¼¼¼»Û¹æè)
0142 . S. DC-BC dcbc-402:DCBC
0143 (MDP_known_event)
0144 C.
0145 C.
0146 . C. ***** ÿÐÿ¹•ï Daily±¿îÑðÊ´Ø¹æDCBC•x²è *****
0147 . S. DC-BC dcbc-153:DCBC
0148 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0149 C.
0150 C.
0151 . C. ;ãLOSÿÁÿÏÿËÿËÿ-¼¼¼¼»Û¹æè;ã
0152 C.
0153 . C. ***** LOS *****
0154 C.

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Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 1/11

*** OP Sequence for XRT ***

2016/02/16	10:15:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	10:15:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	10:15:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2016/02/16	10:16:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	01 00 00 00 00		
2016/02/16	10:16:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/16	10:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/16	10:16:22.0	XRT_AEC_RESET_407_OG [0x197]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/16	10:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/16	10:16:26.0	XRT_FLD_RESET_414_OG [0x19e]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/16	10:18:56.0	XRT_QT_PROG_SET_421_OG [0x1a5]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2016/02/16	10:18:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2016/02/16	10:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/16	15:26:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	15:26:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	15:26:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/16	15:26:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/16	15:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/16	15:49:30.0	XRT_Custom_430_OG [0x1ae]					
2016/02/16	15:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/16	16:00:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	16:00:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	16:00:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2016/02/16	16:01:00.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	03 00 00 00 00		
2016/02/16	16:01:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/16	16:01:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/16	16:01:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/16	16:01:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/16	16:01:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/16	16:03:56.0	XRT_QT_PROG_SET_404_OG [0x194]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d		
2016/02/16	16:03:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2016/02/16	16:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/16	17:02:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	17:02:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	17:02:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/16	17:02:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/16	17:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/16	17:26:00.0	XRT_Custom_430_OG [0x1ae]					
2016/02/16	17:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/16	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/16	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2016/02/16	18:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2016/02/16	18:00:18.0	XRT_FLD_DIS_406_OG [0x196]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2016/02/16	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2016/02/16	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/16	18:02:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2016/02/16	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					

2016/02/16	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/16	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	18:10:00.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/02/16	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00
2016/02/16	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/16	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/16	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/16	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/16	18:12:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/16	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 14
2016/02/16	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/02/16	18:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/16	18:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	18:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	18:39:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/16	18:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/16	19:03:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/16	19:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2016/02/16	20:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/16	20:16:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	20:16:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	20:16:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/16	20:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/16	20:40:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/16	20:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2016/02/16	21:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/16	21:54:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	21:54:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	21:54:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/16	21:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/16	22:16:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/16	22:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2016/02/16	23:31:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/16	23:31:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	23:31:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/16	23:31:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/16	23:34:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/16	23:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/16	23:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2016/02/17	00:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	00:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	00:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	00:59:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	01:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/17	01:14:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/17	01:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]			
2016/02/17	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1

Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 3/11

2016/02/17	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	02:00:00.0	AOCs_OrE-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/02/17	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ed cb af 1b
2016/02/17	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/17	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/17	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/17	02:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/17	02:02:56.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	02:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2016/02/17	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/02/17	02:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	02:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	02:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	02:30:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	02:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/17	02:51:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/17	02:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2016/02/17	03:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2016/02/17	03:58:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	03:58:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	03:58:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	04:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	04:28:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/17	04:29:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/17	05:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2016/02/17	05:39:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	05:39:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	05:39:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	05:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	06:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/02/17	06:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/02/17	06:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2016/02/17	06:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	XRT_CTRL_AUTO_424_OG [0x1a8]	1	07-F0	c0
2016/02/17	06:15:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	06:15:30.5	AOCs_OrE-point_Start_3_OG [0x099]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	06:15:48.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	06:18:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/02/17	06:18:26.0	XRT_ARS_DIS_423_OG [0x1a7]	AOCU_NM	5	02-76	00 00 00 00 00
2016/02/17	06:18:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/02/17	06:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/02/17	06:25:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/17	06:25:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2016/02/17	06:25:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	06:25:30.0	AOCs_OrE-point_Start_5_OG [0x09b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	06:25:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	06:25:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/02/17	06:25:52.0	XRT_AEC_RESET_407_OG [0x197]	AOCU_NM	5	02-76	00 56 4d 01 68
2016/02/17	06:25:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLD_ENA	1	07-F0	d8
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
			MDP_XRT_AEC_RESET	1	07-F0	d0

Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 4/11

2016/02/17	06:25:56.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	06:28:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	06:28:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	06:28:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	07:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	07:19:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	07:19:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	07:19:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/17	07:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/17	07:43:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	07:43:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	07:43:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/17	07:43:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00	4d	68 01 68
2016/02/17	07:43:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	07:43:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	07:43:52.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	07:43:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	07:43:56.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	07:46:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	07:46:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	07:46:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	08:13:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	08:13:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	08:13:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/17	08:13:30.0	AOCS_ORe-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	44	8b 01 68
2016/02/17	08:13:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	08:13:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	08:13:52.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	08:13:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	08:13:56.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	08:16:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09	
2016/02/17	08:16:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	08:16:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	08:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	08:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	08:59:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	08:59:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/17	09:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/17	09:19:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	09:19:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	09:19:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/17	09:19:30.0	AOCS_ORe-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00	3b	a5 01 68
2016/02/17	09:19:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	09:19:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	09:19:52.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	09:19:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		

2016/02/17	09:19:56.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	09:22:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	09:22:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	09:22:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	09:49:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	09:49:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	09:49:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2016/02/17	09:49:30.0	AOCs_OrE-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 32	c0 01 68	
2016/02/17	09:49:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	09:49:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	09:49:52.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	09:49:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	09:49:56.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	09:52:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	09:52:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	09:52:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	10:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	10:41:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	10:41:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	10:41:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/17	10:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/17	10:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	10:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	10:46:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2016/02/17	10:47:00.0	AOCs_OrE-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 29	db 01 68	
2016/02/17	10:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	10:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	10:47:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	10:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	10:47:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	10:49:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09	
2016/02/17	10:49:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	10:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	11:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	11:16:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	11:16:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00	
2016/02/17	11:17:00.0	AOCs_OrE-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 20	fd 01 68	
2016/02/17	11:17:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	11:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	11:17:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	11:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	11:17:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	11:19:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	11:19:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	11:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	11:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	11:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 6/11

2016/02/17	11:46:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	11:47:00.0	AOCs_OrE-point_Start_12_OG [0x0a2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/02/17	11:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 18 18 01 68
2016/02/17	11:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/17	11:47:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/17	11:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/17	11:47:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/17	11:49:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	11:49:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2016/02/17	11:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/02/17	12:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	12:16:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	12:16:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	12:17:00.0	AOCs_OrE-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/02/17	12:17:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 0f 33 01 68
2016/02/17	12:17:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/17	12:17:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/17	12:17:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/17	12:17:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/17	12:19:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	12:19:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/02/17	12:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/02/17	12:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	12:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	12:46:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	12:47:00.0	AOCs_OrE-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/02/17	12:47:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 06 4d 01 68
2016/02/17	12:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/02/17	12:47:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/02/17	12:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/02/17	12:47:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/17	12:49:56.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/02/17	12:49:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2016/02/17	12:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/02/17	13:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	13:16:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	13:16:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	13:17:00.0	AOCs_OrE-point_Start_15_OG [0x0a5]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/02/17	13:17:18.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 fe 4e 01 68
2016/02/17	13:19:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/02/17	13:19:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/02/17	13:19:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/02/17	13:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2016/02/17	13:25:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/02/17	13:25:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17	13:25:04.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/02/17		XRT_FOCUS_POSITION	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00

Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 7/11

2016/02/17	13:25:24.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/17	13:25:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/17	13:25:28.0	XRT_AEC_RESET_407_OG [0x197]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/17	13:25:30.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/17	13:25:32.0	XRT_FLD_RESET_437_OG [0x1b5]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/17	13:25:34.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2016/02/17	13:25:36.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/02/17	13:25:38.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/17	13:46:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	13:46:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	13:46:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/02/17	13:47:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00 f5 69 01 68				
2016/02/17	13:47:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/17	13:47:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/17	13:47:22.0	XRT_AEC_RESET_407_OG [0x197]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/17	13:47:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/17	13:47:26.0	XRT_FLD_RESET_414_OG [0x19e]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/17	13:49:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2016/02/17	13:49:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/02/17	13:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/17	14:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	14:27:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	14:27:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/17	14:27:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/02/17	14:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/02/17	14:36:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	14:36:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	14:36:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/02/17	14:37:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00 ec 8c 01 68				
2016/02/17	14:37:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/17	14:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/17	14:37:22.0	XRT_AEC_RESET_407_OG [0x197]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/17	14:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/17	14:37:26.0	XRT_FLD_RESET_414_OG [0x19e]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/17	14:39:56.0	XRT_QT_PROG_SET_409_OG [0x199]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2016/02/17	14:39:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/02/17	14:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/02/17	15:06:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	15:06:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/02/17	15:06:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/02/17	15:07:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00 e3 a6 01 68				
2016/02/17	15:07:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/02/17	15:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/02/17	15:07:22.0	XRT_AEC_RESET_407_OG [0x197]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/02/17	15:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/02/17	15:07:26.0	XRT_FLD_RESET_414_OG [0x19e]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/02/17	15:09:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]							

2016/02/17	15:09:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/02/17	15:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/17	16:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	16:01:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	16:01:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/17	16:01:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/17	16:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/17	16:25:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	16:25:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	16:25:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/02/17	16:25:30.0	AOCS_OrE-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	00 da c1	01 68
2016/02/17	16:25:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/02/17	16:25:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/02/17	16:25:52.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/02/17	16:25:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/02/17	16:25:56.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/17	16:28:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2016/02/17	16:28:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/02/17	16:28:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/17	16:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	16:55:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	16:55:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/02/17	16:55:30.0	AOCS_OrE-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 d1 dc	01 68
2016/02/17	16:55:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/02/17	16:55:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/02/17	16:55:52.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/02/17	16:55:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/02/17	16:55:56.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/17	16:58:26.0	XRT_QT_PROG_SET_409_OG [0x199]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03
2016/02/17	16:58:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/02/17	16:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/02/17	17:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	17:37:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	17:37:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/17	17:37:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/02/17	17:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/02/17	18:01:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	18:01:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/02/17	18:01:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2016/02/17	18:02:00.0	AOCS_OrE-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00 c8 fe	01 68
2016/02/17	18:02:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/02/17	18:02:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/02/17	18:02:22.0	XRT_AEC_RESET_407_OG [0x197]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/02/17	18:02:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/02/17	18:02:26.0	XRT_FLD_RESET_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/02/17	18:04:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09

Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 9/11

2016/02/17	18:04:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	18:05:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	18:31:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	18:31:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	18:31:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/17	18:32:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]					
		AOCU_NM	5	02-76	00	c0	19 01 68
2016/02/17	18:32:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	18:32:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	18:32:22.0	XRT_AEC_RESET_407_OG [0x197]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	18:32:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	18:32:26.0	XRT_FLD_RESET_414_OG [0x19e]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	18:34:56.0	XRT_QT_PROG_SET_409_OG [0x199]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	18:34:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	18:35:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	19:14:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	19:14:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	19:14:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	19:14:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/17	19:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/17	19:38:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	19:38:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	19:38:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/17	19:39:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]					
		AOCU_NM	5	02-76	00	b7	34 01 68
2016/02/17	19:39:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	19:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	19:39:22.0	XRT_AEC_RESET_407_OG [0x197]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	19:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	19:39:26.0	XRT_FLD_RESET_414_OG [0x19e]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	19:41:56.0	XRT_QT_PROG_SET_409_OG [0x199]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	19:41:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	19:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	20:08:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	20:08:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	20:08:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/17	20:09:00.0	AOCS_ORe-point_Start_24_OG [0x0ae]					
		AOCU_NM	5	02-76	00	ae	4e 01 68
2016/02/17	20:09:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/17	20:09:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/17	20:09:22.0	XRT_AEC_RESET_407_OG [0x197]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/17	20:09:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/17	20:09:26.0	XRT_FLD_RESET_414_OG [0x19e]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/17	20:11:56.0	XRT_QT_PROG_SET_409_OG [0x199]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03	
2016/02/17	20:11:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07	
2016/02/17	20:12:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/17	20:38:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	20:38:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/17	20:38:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2016/02/17	20:39:00.0	AOCS_ORe-point_Start_3_OG [0x099]					

Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 10/11

2016/02/17	20:39:18.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00	00	00	00	00
		MDP_XRT_FLD_DIS		1	07-F0	d9				
2016/02/17	20:41:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]		1	07-F0	c9				
		MDP_XRT_FLRCTRL_DIS		1	07-F0	c9				
2016/02/17	20:41:56.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2016/02/17	20:41:58.0	XRT_QT_PROG_SET_440_OG [0x1b8]		2	07-F0	c4	0c			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	0c			
2016/02/17	20:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2016/02/17	20:48:54.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/17	20:48:56.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/17	20:48:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		4	07-F8	22	fe	97	00	
		XRT_FOCUS_POSITION		4	07-F8	22	fe	97	00	
2016/02/17	20:49:00.0	AOCS_Ore-point_Start_25_OG [0x0af]		5	02-76	04	00	00	00	00
		AOCU_NM		5	02-76	04	00	00	00	00
2016/02/17	20:49:18.0	XRT_FLD_ENA_411_OG [0x19b]		1	07-F0	d8				
		MDP_XRT_FLD_ENA		1	07-F0	d8				
2016/02/17	20:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		1	07-F0	c8				
		MDP_XRT_FLRCTRL_ENA		1	07-F0	c8				
2016/02/17	20:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]		1	07-F0	d0				
		MDP_XRT_AEC_RESET		1	07-F0	d0				
2016/02/17	20:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]		1	07-F0	d5				
		MDP_XRT_ARS_DIS		1	07-F0	d5				
2016/02/17	20:49:26.0	XRT_FLD_RESET_433_OG [0x1b1]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2016/02/17	20:51:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]		2	07-F0	c4	06			
		MDP_XRT_QT_PROG_SET		2	07-F0	c4	06			
2016/02/17	20:51:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]		2	07-F0	c5	07			
		MDP_XRT_FL_PROG_SET		2	07-F0	c5	07			
2016/02/17	21:15:00.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0				
2016/02/17	21:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2016/02/17	22:29:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/17	22:29:32.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/17	22:29:34.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2016/02/17	22:29:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2016/02/17	22:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2016/02/17	22:50:30.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0				
2016/02/17	22:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2016/02/18	00:06:30.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	00:06:32.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	00:06:34.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2016/02/18	00:06:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2016/02/18	00:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2016/02/18	00:15:00.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0				
2016/02/18	00:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2016/02/18	01:31:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	01:31:02.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	01:31:04.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2016/02/18	01:31:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2016/02/18	01:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2016/02/18	01:49:00.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0				
2016/02/18	01:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2016/02/18	03:05:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	03:05:02.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	03:05:04.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				
		MDP_XRT_FLD_RESET		1	07-F0	da				
2016/02/18	03:05:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]		1	07-F0	e8				
		MDP_XRT_PREFLR_STRT		1	07-F0	e8				
2016/02/18	03:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]		1	07-F0	e9				
		MDP_XRT_PREFLR_STOP		1	07-F0	e9				
2016/02/18	03:26:00.0	XRT_Custom_430_OG [0x1ae]		1	07-F0	c0				
2016/02/18	03:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]		1	07-F0	c0				
		MDP_XRT_CTRL_AUTO		1	07-F0	c0				
2016/02/18	04:35:00.0	XRT_CTRL_MANU_400_OG [0x190]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	04:35:02.0	XRT_CTRL_MANU_402_OG [0x192]		1	07-F0	c1				
		MDP_XRT_CTRL_MANU		1	07-F0	c1				
2016/02/18	04:35:04.0	XRT_FLD_RESET_415_OG [0x19f]		1	07-F0	da				

Feb 16, 16 14:04

XRT_OGLIST_0705.chk

Page 11/11

2016/02/18	04:35:06.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/18	04:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/18	05:03:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/18	05:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/18	05:47:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	05:47:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	05:47:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	05:47:30.5	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2016/02/18	05:47:48.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00		
2016/02/18	05:50:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2016/02/18	05:50:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2016/02/18	05:50:28.0	XRT_QT_PROG_SET_440_OG [0x1b8]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/18	05:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2016/02/18	05:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/18	05:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	05:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	05:57:30.0	AOCS_Ore-point_Start_25_OG [0x0af]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2016/02/18	05:57:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00		
2016/02/18	05:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2016/02/18	05:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2016/02/18	05:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2016/02/18	05:57:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2016/02/18	06:00:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/18	06:00:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2016/02/18	06:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07		
2016/02/18	06:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/18	06:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	06:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	06:15:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/18	06:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/18	06:41:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/18	06:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/18	07:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	07:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	07:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	07:55:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/18	07:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/18	08:17:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/18	08:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2016/02/18	09:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	09:35:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	09:35:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2016/02/18	09:35:36.0	XRT_PREFLR_STRT_432_OG [0x1b0]	MDP_XRT_FLD_RESET	1	07-F0	da		
2016/02/18	09:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2016/02/18	10:42:00.0	AOCS_Ore-point_Start_3_OG [0x099]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2016/02/18		AOCU_NM	MDP_XRT_PREFLR_STOP	5	02-76	00 00 00 00 00		