

XRT Timeline to be uploaded on 2015/03/21

Period: 2015/03/21 10:50:00 - 2015/03/26 10:00:00

* * * * *

Normal mode

* * * * *

XOB #1A02: AR standard-B (thin-Be) with PFB (384FOV), 512x512 at 1064 1048, thick Al and Al/Poly context, With G-band (33ms/45ms leak), 5min cad

Term	Pointing (x, y)	Comment
03/21 11:03:00 - 03/21 18:05:54	Track (-371.7, 413.8) @ 03/21 11:00:00	# OP start + 10min, AR12303 obs.
03/22 16:03:00 - 03/22 17:38:24	Track (-130.0, 421.7) @ 03/22 16:00:00	# AR12303 tracking
03/22 21:51:30 - 03/23 05:56:24	Track (-79.8, 422.3) @ 03/22 21:48:30	# AR12303 tracking
03/23 06:09:30 - 03/23 10:01:00	Track (-7.6, 422.5) @ 03/23 06:06:30	# Cont,
03/23 18:13:00 - 03/24 06:12:54	Track (97.1, 421.5) @ 03/23 18:10:00	# AR12303 tracking

PROG= 14 Inf.-time(s)

Subr=	1-time(s)	2.0sec										
Seqn= 20	2-time(s)	2.0sec										
Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	512x512 (1064, 1048)	DPCM	0	0	2.0sec
Seqn= 75	1-time(s)	2.0sec										
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	512x512 (1064, 1048)	Q=98	0	0	2.0sec
Subr= 2	2-time(s)	2.0sec										
Seqn= 66	2-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 85	7-time(s)	300.0sec										
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	512x512 (1064, 1048)	Q=95	3	0	17.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	17.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	1	17.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	17.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	17.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	17.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	3	17.0sec

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

XOB #1A62: Synoptic Q95 2x2 - Al/mesh(8/128/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Ti-poly(16/362/2048) + Thi

Term	Pointing (x, y)	Comment
03/21 18:09:00 - 03/21 18:15:54	Fixed (0.0, 0.0)	synoptic, shifted 6.0 min
03/22 09:48:00 - 03/22 09:54:54	Fixed (0.0, 0.0)	synoptic, shifted manually
03/22 17:41:30 - 03/22 17:48:24	Fixed (0.0, 0.0)	synoptic, shifted -21.5 min
03/23 05:59:30 - 03/23 06:06:24	Fixed (0.0, 0.0)	synoptic, shifted -3.5 min
03/23 18:07:00 - 03/23 18:09:54	Fixed (0.0, 0.0)	synoptic
03/24 06:16:00 - 03/24 06:24:00	Fixed (0.0, 0.0)	synoptic, shifted 13.0 min

PROG= 03 1-time(s)

Subr=	1-time(s)	12.0sec										
Seqn= 33	1-time(s)	4.0sec										
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	125ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
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= 40	1-time(s)	4.0sec										
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	354ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Ti-poly	Open/Ti-poly	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 77	1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	86ms	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	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 6	1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	32ms	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 #19F6: CME watch - 4x4 - AEC 2 - Be-thin - G-band (2x2,8ms) - Leak (33ms) - 100s cad

Term	Pointing (x, y)	Comment
03/21 18:19:00 - 03/21 19:03:00	Fixed (-18.0, -965.0)	# HOP79 NS scan(1/20)
03/21 19:30:30 - 03/21 19:52:24	Fixed (-18.0, -865.0)	2/20
03/21 19:55:30 - 03/21 20:40:30	Fixed (-18.0, -765.0)	3/20
03/21 21:08:00 - 03/21 21:29:54	Fixed (-18.0, -665.0)	4/20
03/21 21:33:00 - 03/21 22:18:00	Fixed (-18.0, -565.0)	5/20
03/21 22:43:00 - 03/21 23:04:54	Fixed (-18.0, -465.0)	6/20
03/21 23:08:00 - 03/21 23:55:00	Fixed (-18.0, -365.0)	7/20
03/22 00:08:00 - 03/22 00:29:54	Fixed (-18.0, -265.0)	8/20
03/22 00:33:00 - 03/22 01:20:00	Fixed (-18.0, -165.0)	9/20

03/22 01:42:00 - 03/22 02:03:54	Fixed (-18.0, -65.0)	10/20
03/22 02:07:00 - 03/22 02:54:00	Fixed (-18.0, 25.0)	11/20
03/22 03:18:30 - 03/22 03:40:24	Fixed (-18.0, 125.0)	12/20
03/22 03:43:30 - 03/22 04:23:30	Fixed (-18.0, 225.0)	13/20
03/22 04:56:00 - 03/22 05:17:54	Fixed (-18.0, 325.0)	14/20
03/22 05:21:00 - 03/22 06:04:00	Fixed (-18.0, 425.0)	15/20
03/22 06:33:30 - 03/22 06:55:24	Fixed (-18.0, 525.0)	16/20
03/22 06:58:30 - 03/22 07:44:00	Fixed (-18.0, 625.0)	17/20
03/22 08:10:30 - 03/22 08:32:24	Fixed (-18.0, 725.0)	18/20
03/22 08:35:30 - 03/22 08:57:24	Fixed (-18.0, 825.0)	19/20
03/22 09:00:30 - 03/22 09:24:00	Fixed (-18.0, 925.0)	20/20
03/22 09:58:00 - 03/22 15:59:54	Track (-43.0, -374.9) @ 03/22 09:55:00	# SOT QS 30deg South
03/22 17:51:30 - 03/22 21:48:24	Track (-18.6, 0.1) @ 03/22 17:48:30	# EIS sensitivity monitoring

PROG= 16 Inf.-time(s)

Subr= 1 60-time(s) 100.0sec												
└─ 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= 6 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	8ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	32ms	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 #1A1B: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 33ms

Term	Pointing (x, y)	Comment
03/23 10:17:00 - 03/23 17:59:54	Fixed (-18.0, -940.0)	# HOP206 at S-pole

PROG= 13 Inf.-time(s)

Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 8 2-time(s) 2.0sec												
Open/G-band	Open/G-band	close	Safe	Norm	44ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 48 1-time(s) 30.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	32ms	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 3 30-time(s) 2.0sec												
└─ Seqn= 57 1-time(s) 60.0sec												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

* * * * *

Flare mode

* * * * *

XOB #1A14: Flare - Med-Be w/ 6s cad - Al-poly w/ 1min cad - Med-Al, Thick-Be, G-band, Darks w/ 5.5min cad

Term	Pointing (x, y)	Comment
03/21 11:03:00 - 03/21 18:05:54	Track (-371.7, 413.8) @ 03/21 11:00:00	# OP start + 10min, AR12303 obs.

PROG= 17 15-time(s)

Subr= 1 5-time(s) 2.0sec												
└─ Seqn= 53 10-time(s) 2.0sec												
med-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	6.0sec
└─ 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
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= 15 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	44ms	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	

XOB #1A61: 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
03/21 18:19:00 - 03/21 19:03:00	Fixed (-18.0, -965.0)	# HOP79 NS scan(1/20)
03/21 19:30:30 - 03/21 19:52:24	Fixed (-18.0, -865.0)	2/20
03/21 19:55:30 - 03/21 20:40:30	Fixed (-18.0, -765.0)	3/20
03/21 21:08:00 - 03/21 21:29:54	Fixed (-18.0, -665.0)	4/20
03/21 21:33:00 - 03/21 22:18:00	Fixed (-18.0, -565.0)	5/20
03/21 22:43:00 - 03/21 23:04:54	Fixed (-18.0, -465.0)	6/20
03/21 23:08:00 - 03/21 23:55:00	Fixed (-18.0, -365.0)	7/20
03/22 00:08:00 - 03/22 00:29:54	Fixed (-18.0, -265.0)	8/20
03/22 00:33:00 - 03/22 01:20:00	Fixed (-18.0, -165.0)	9/20
03/22 01:42:00 - 03/22 02:03:54	Fixed (-18.0, -65.0)	10/20
03/22 02:07:00 - 03/22 02:54:00	Fixed (-18.0, 25.0)	11/20
03/22 03:18:30 - 03/22 03:40:24	Fixed (-18.0, 125.0)	12/20
03/22 03:43:30 - 03/22 04:23:30	Fixed (-18.0, 225.0)	13/20
03/22 04:56:00 - 03/22 05:17:54	Fixed (-18.0, 325.0)	14/20
03/22 05:21:00 - 03/22 06:04:00	Fixed (-18.0, 425.0)	15/20

03/22 06:33:30 - 03/22 06:55:24	Fixed (-18.0, 525.0)	16/20
03/22 06:58:30 - 03/22 07:44:00	Fixed (-18.0, 625.0)	17/20
03/22 08:10:30 - 03/22 08:32:24	Fixed (-18.0, 725.0)	18/20
03/22 08:35:30 - 03/22 08:57:24	Fixed (-18.0, 825.0)	19/20
03/22 09:00:30 - 03/22 09:24:00	Fixed (-18.0, 925.0)	20/20
03/22 09:58:00 - 03/22 15:59:54	Track (-43.0, -374.9) @ 03/22 09:55:00	# SOT QS 30deg South
03/22 16:03:00 - 03/22 17:38:24	Track (-130.0, 421.7) @ 03/22 16:00:00	# AR12303 tracking
03/22 17:51:30 - 03/22 21:48:24	Track (-18.6, 0.1) @ 03/22 17:48:30	# EIS sensitivity monitoring
03/22 21:51:30 - 03/23 05:56:24	Track (-79.8, 422.3) @ 03/22 21:48:30	# AR12303 tracking
03/23 06:09:30 - 03/23 10:01:00	Track (-7.6, 422.5) @ 03/23 06:06:30	# Cont,
03/23 10:17:00 - 03/23 17:59:54	Fixed (-18.0, -940.0)	# HOP206 at S-pole
03/23 18:13:00 - 03/24 06:12:54	Track (97.1, 421.5) @ 03/23 18:10:00	# AR12303 tracking

PROG= 19 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= 15 1-time(s) 2.0sec	
Open/G-band	Open/G-band open Safe Norm 44ms 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

* * * * *

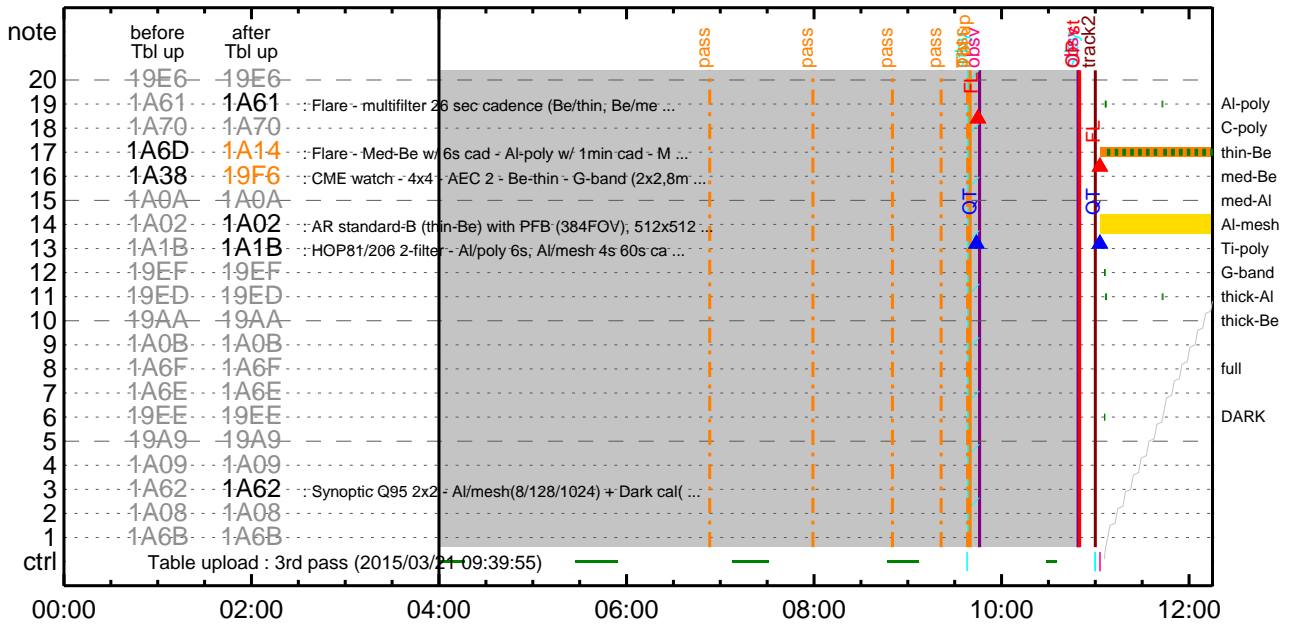
Flare Detection

* * * * *

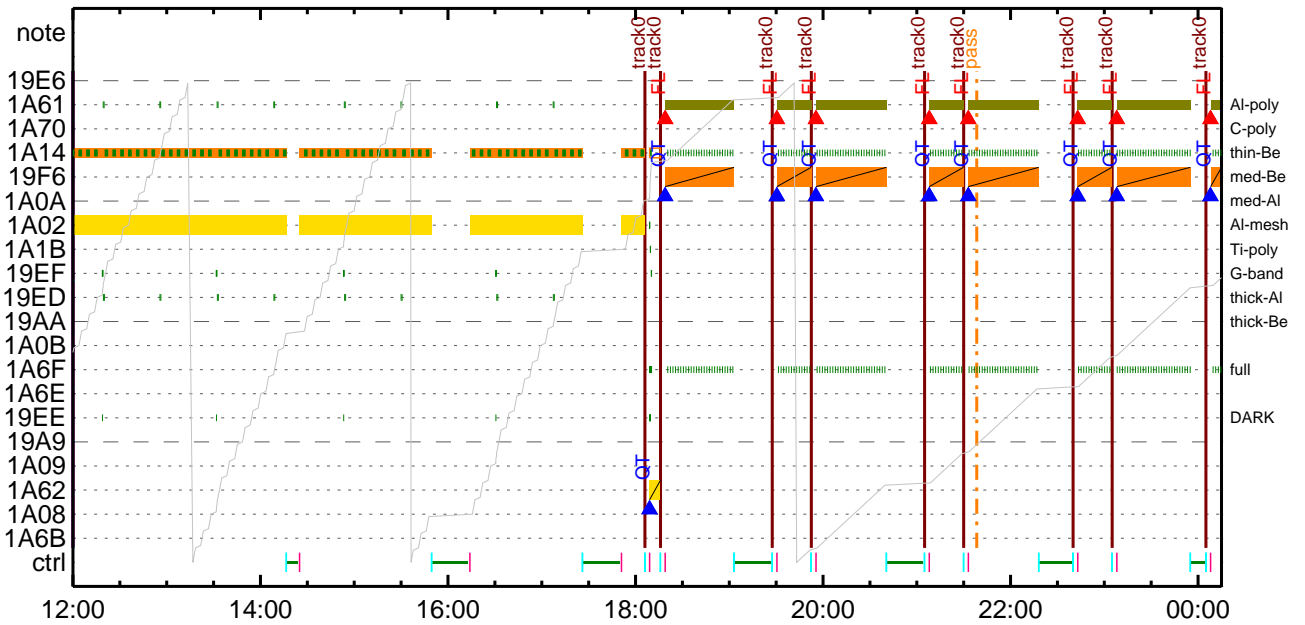
FLD Patrol

Term	Pointing (x, y)	Comment
03/21 18:16:18 - 03/22 09:45:18	Fixed (-18.0, -965.0)	# HOP79 NS scan(1/20)
03/22 09:55:18 - 03/22 17:38:48	Track (-43.0, -374.9) @ 03/22 09:55:00	# SOT QS 30deg South
03/22 17:48:48 - 03/23 05:56:48	Track (-18.6, 0.1) @ 03/22 17:48:30	# EIS sensitivity monitoring
03/23 06:06:48 - 03/23 18:04:18	Track (-7.6, 422.5) @ 03/23 06:06:30	# Cont,
03/23 18:10:18 - 03/24 06:13:18	Track (97.1, 421.5) @ 03/23 18:10:00	# AR12303 tracking
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

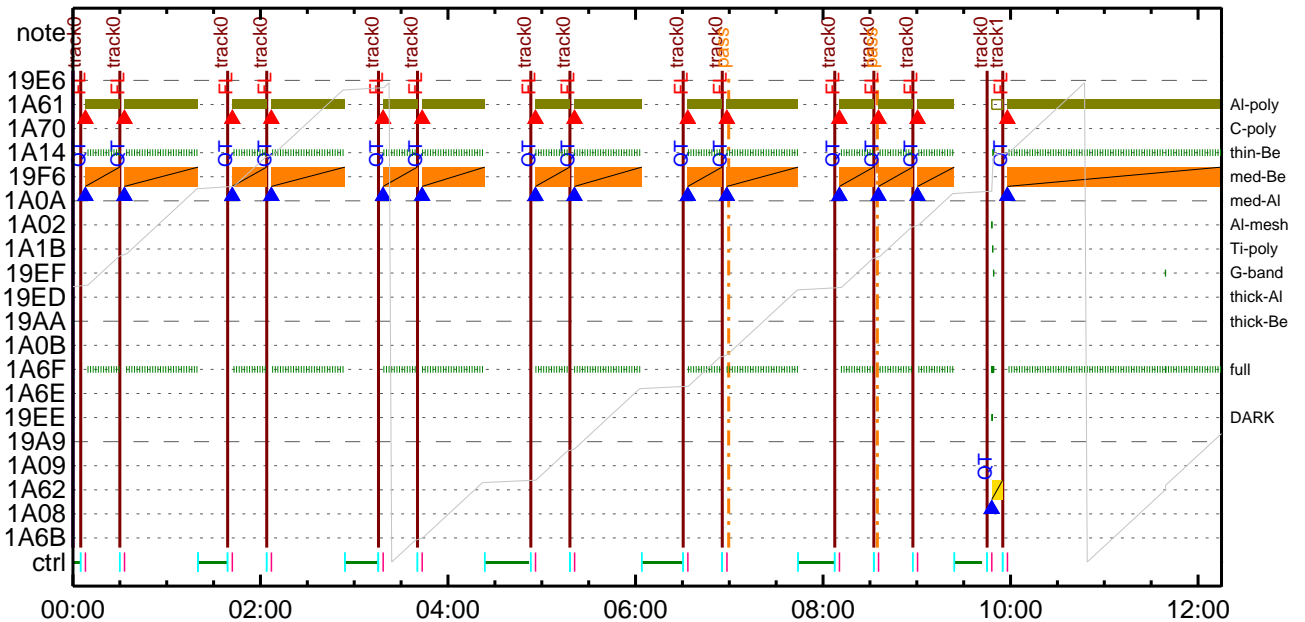
CMDI #0004 2015/03/21



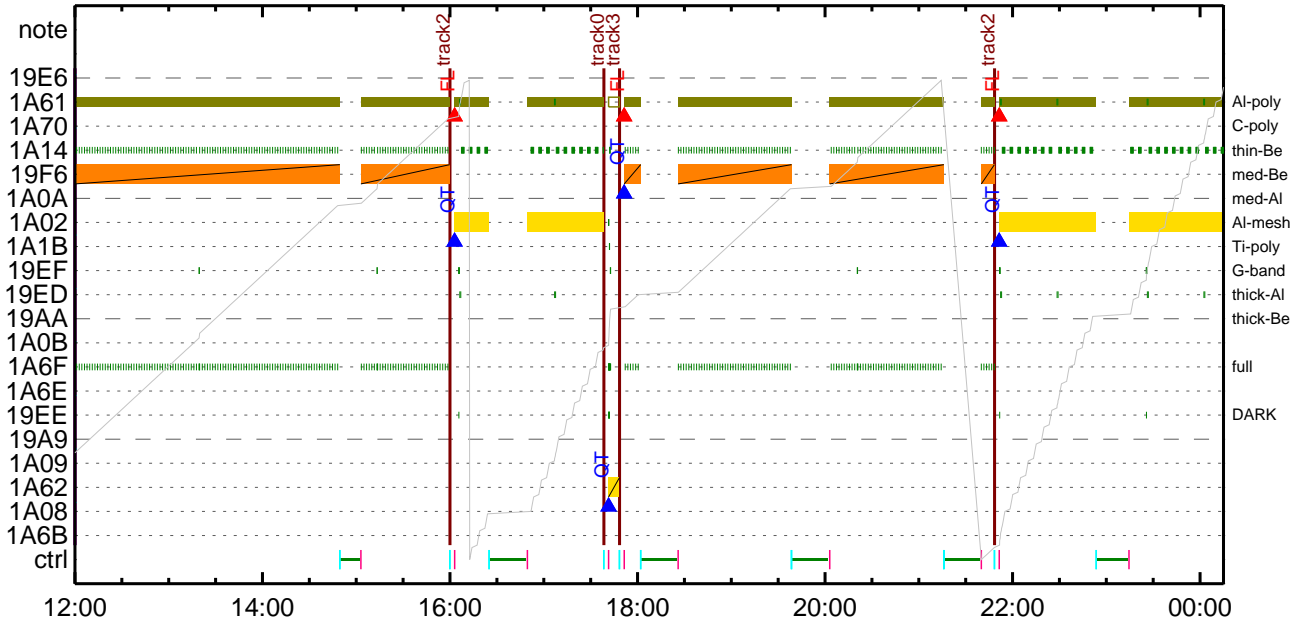
CMDI #0004 2015/03/21



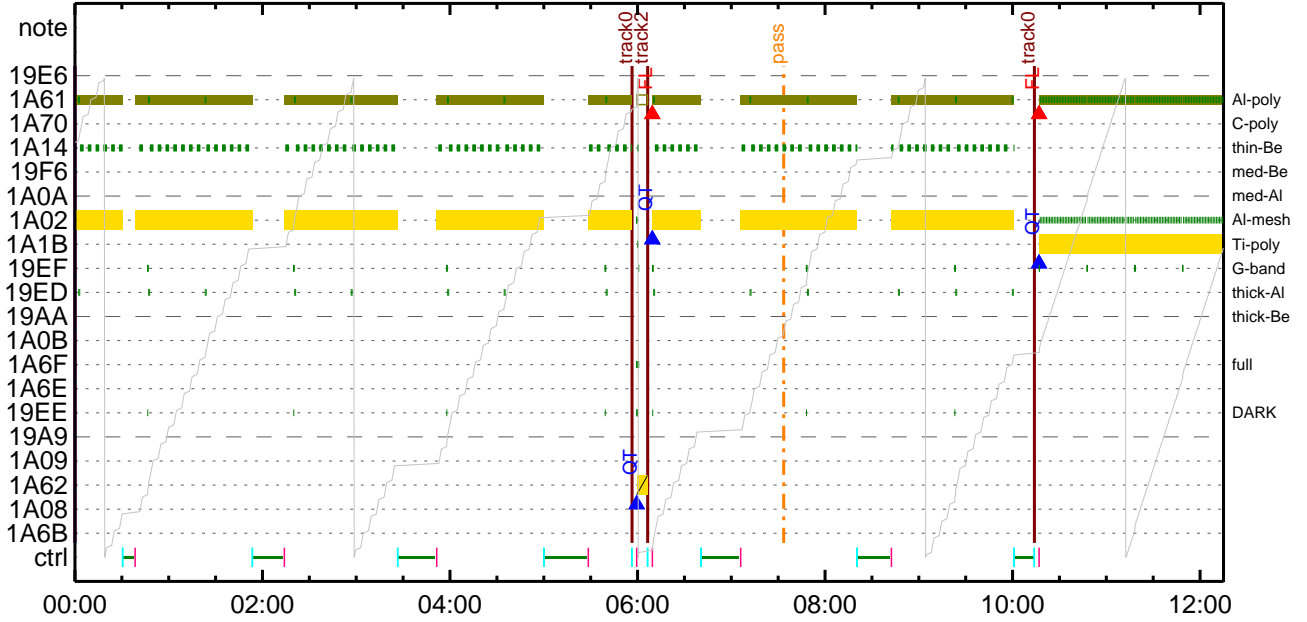
CMDI #0004 2015/03/22



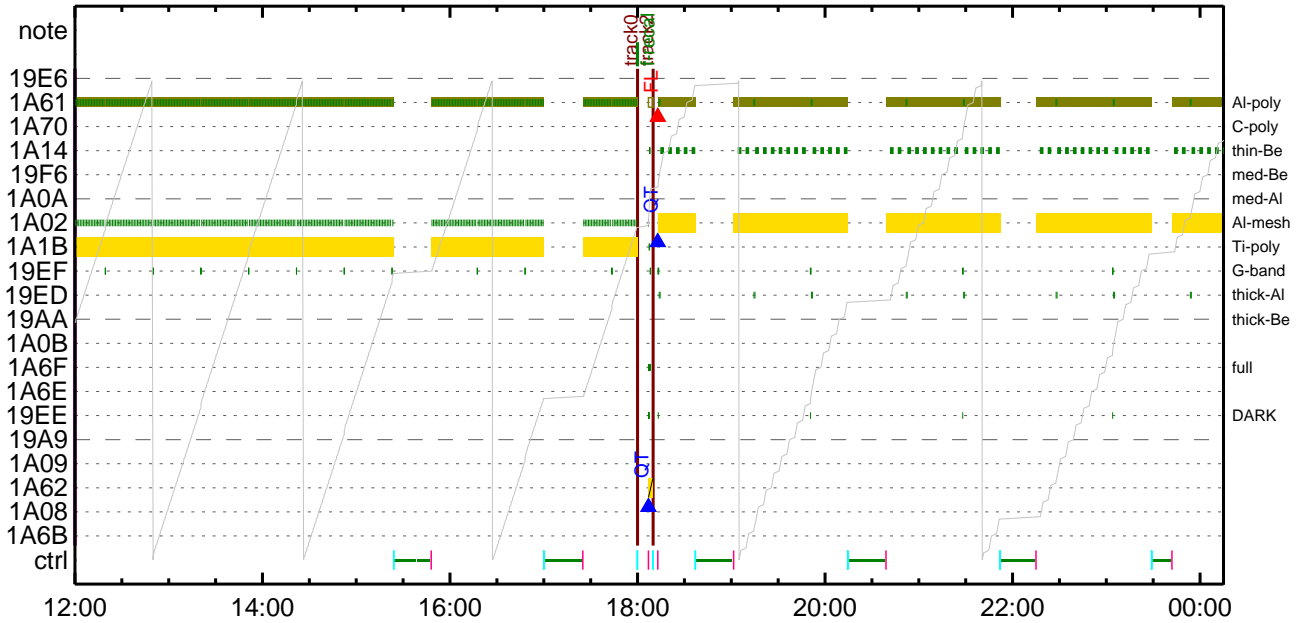
CMDI #0004 2015/03/22



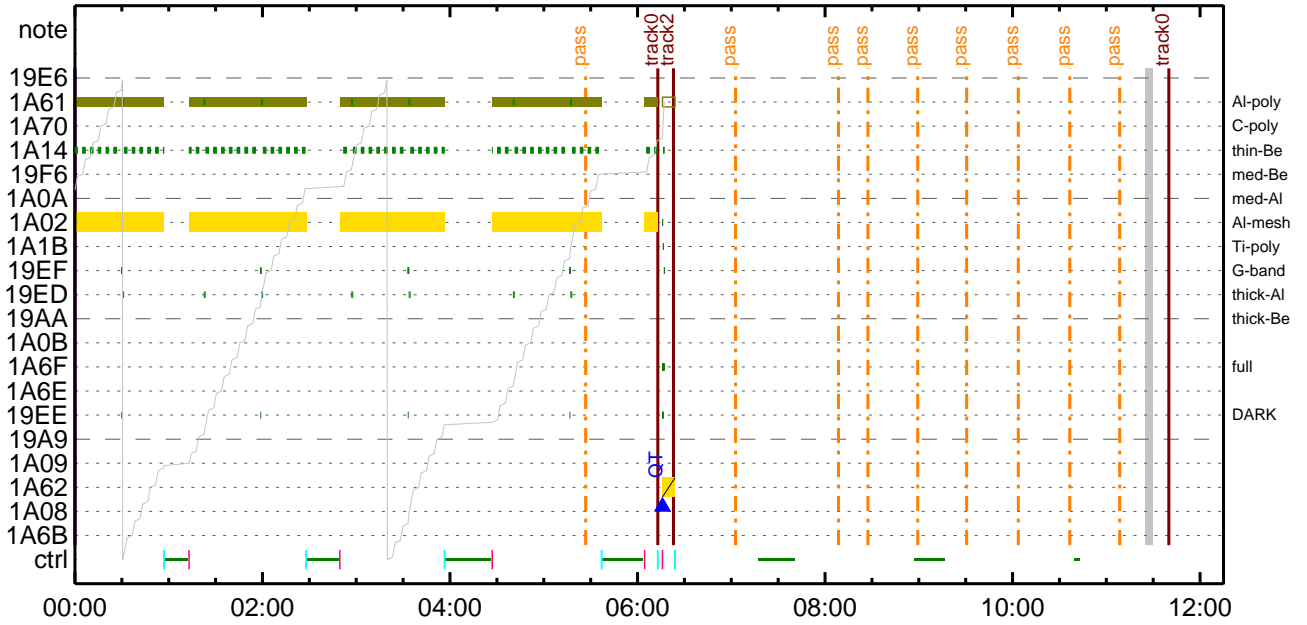
CMDI #0004 2015/03/23



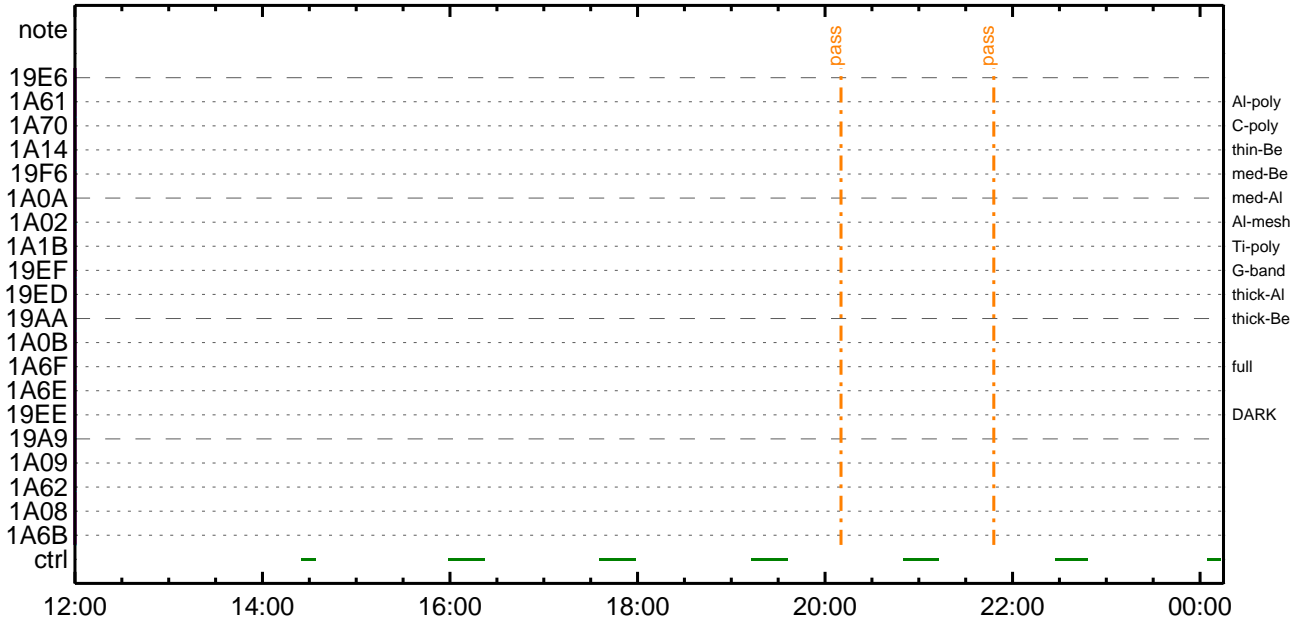
CMDI #0004 2015/03/23



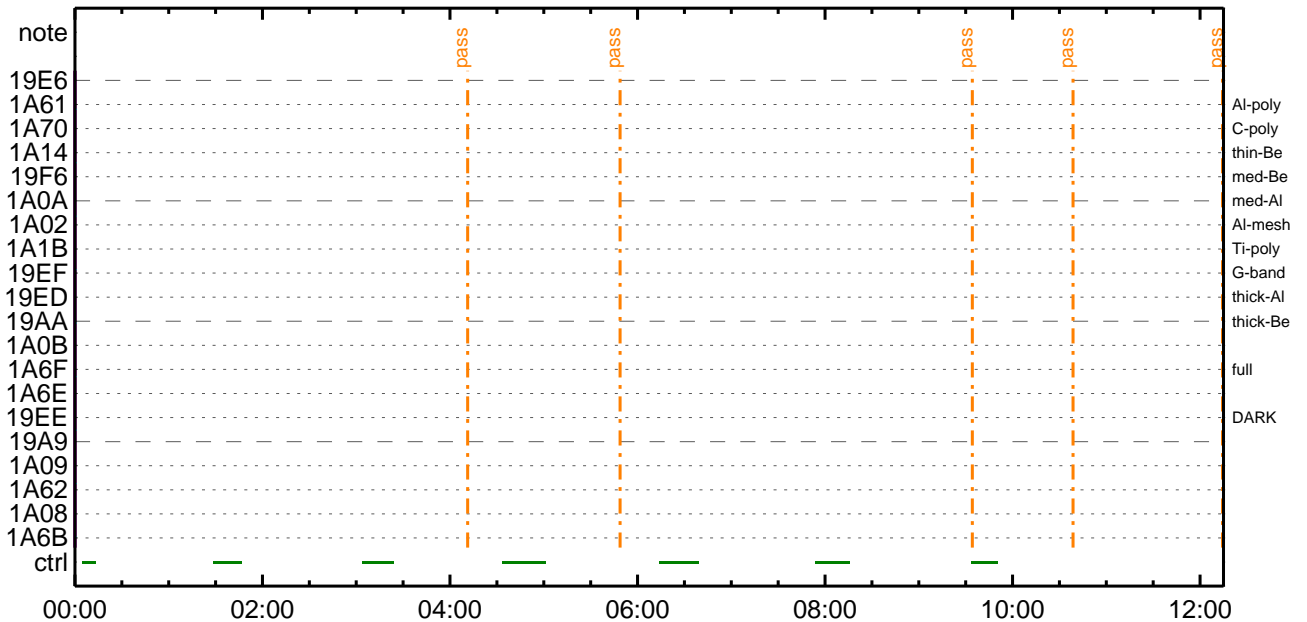
CMDI #0004 2015/03/24



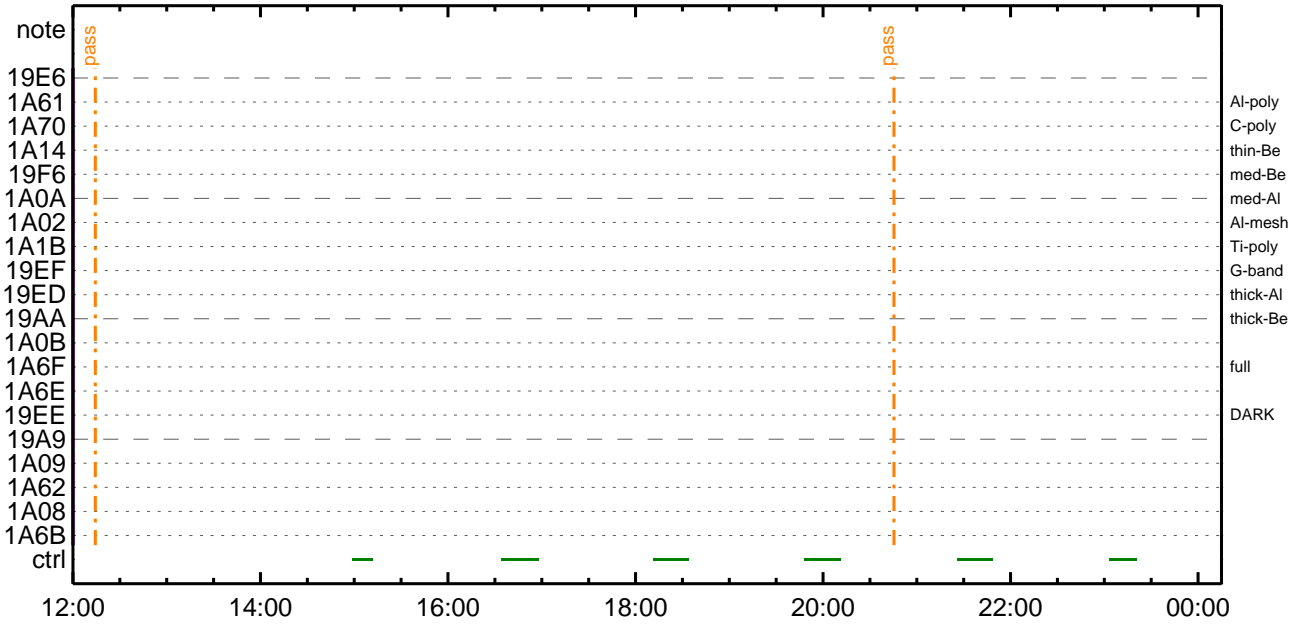
CMDI #0004 2015/03/24



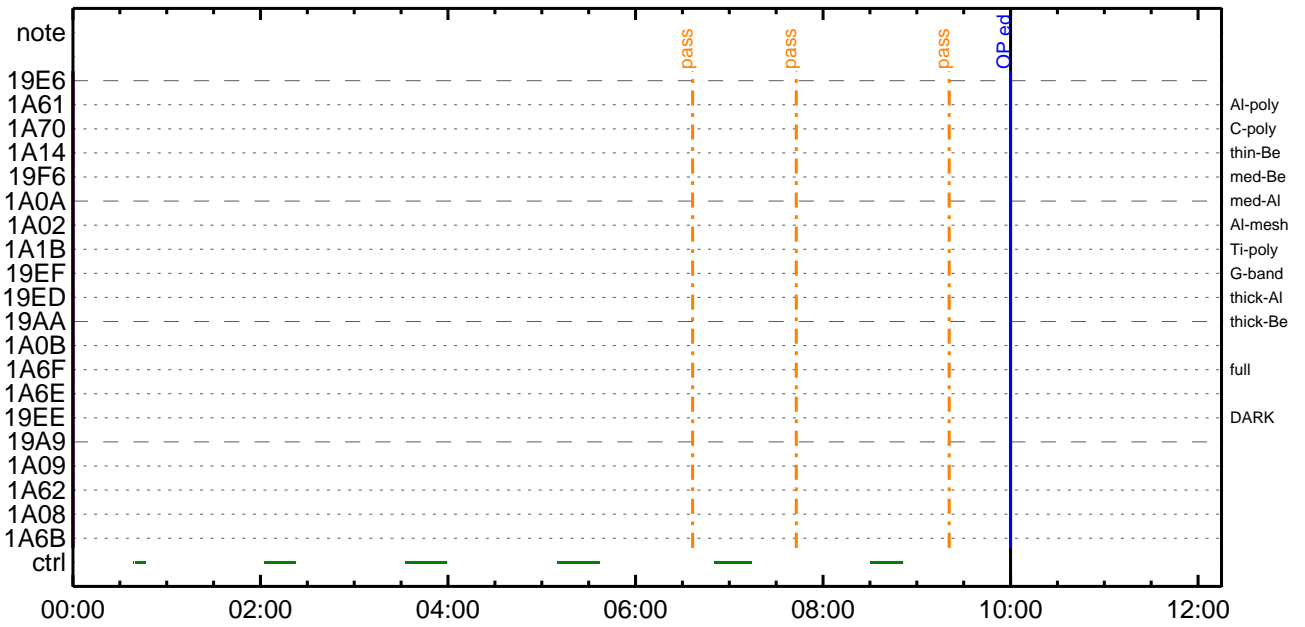
CMDI #0004 2015/03/25



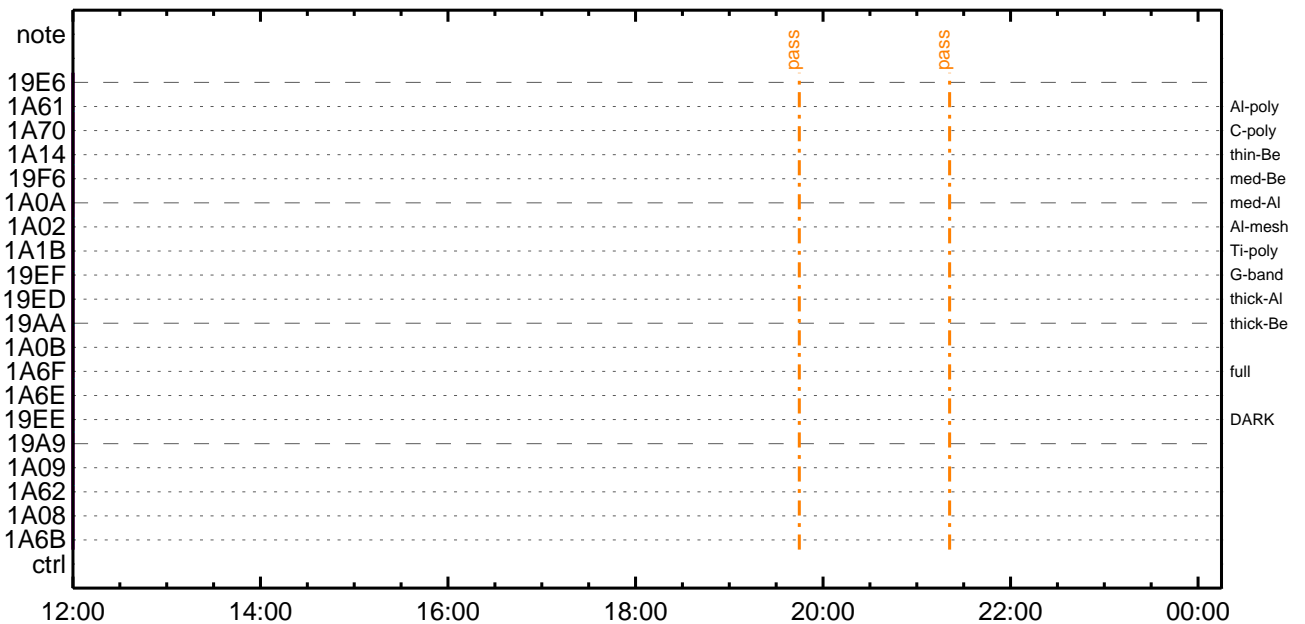
CMDI #0004 2015/03/25



CMDI #0004 2015/03/26



CMDI #0004 2015/03/26



(a) Spacecraft Operation Procedure (real-commands)

```
main-025 2015-03-21 14:05:05 205 33 SOLAR-B MAIN //
0001  C.
0002  . C. ***** AOS *****
0003  C.
0004  . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005  C.
0006  C. YÀYB;¼Y³YFYóYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008  C.
0009  . C. ***** AOC5 : Reload orbital element (send every contact) *****
0010  C. Áí;È«¿«Á«•μ°«ï×ÁÇ«ïYçYÁY×Yí;¼YÉ;ÈÈ«μ•íÉ;È«È¼°ÇÓ«•«¿¼í¹ç«í;çÁ®, ù«¹«è«««çÁ+¿®«•«È«««³«È; f
0011 +. DC 02-8E AOCU_ORB_UPD
0012  C.
0013  C.
0014  . C. *****
0015  C. OP/OGYí;¼YÉ; | YÀYóY×
0016  C. *****
0017  C.
0018  . C. ;ãOP/OGYí;¼YÉ;ã
0019  . S. OP   op-025:OP
0020  ()
0021  . S. OG   og-025:OG
0022  ()
0023  C.
0024  . C. ;ãNMOG&OPí°èYÁYóY×;ã
0025  C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0026 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0027  BC (20 00 7f 01 02)
0028  C.          çç[HK1_DMP_TOP_ADRS_1]          EQ 40
0029  C.          çç[HK1_DMP_TOP_ADRS_0]          EQ 0
0030  C.          çç[HK1_DMP_BLOCK_NUM]           EQ 127
0031  C.          çç[HK1_DMP_REPEAT_NUM]         EQ 0
0032  C.          çç[HK1_DMA_DMP_PIM]            EQ DHU
0033 +. DC 01-22 DHU_MODE_CHNG
0034  BC (07 0b f8)
0035  C.          çç[HK1_PKT_FORM_NO]             EQ 7
0036  C.          çç[HK1_PKT_GEN_TIME]            EQ 0.25 s
0037  C.          çç[HK1_S_TLM_BIT_RATE]         EQ 32k
0038  C.          çç[HK1_X_TLM_BIT_RATE]         EQ 4M
0039  C.          çç[HK1_DMP_CHK_FLG]            EQ EXEC
0040  . C. YÀYóY×¼ªª í»«ò³ íÇ§
0041  C.          çç[HK1_DMP_CHK_FLG]            EQ NON
0042  . C. RAM ID=NMOG«í¼È¹ç•è²ïOK«ò³ íÇ§
0043  C.
0044  C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0045 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0046  BC (20 80 7f 01 02)
0047  C.          çç[HK1_DMP_TOP_ADRS_1]          EQ 41
0048  C.          çç[HK1_DMP_TOP_ADRS_0]          EQ 0
0049  C.          çç[HK1_DMP_BLOCK_NUM]           EQ 127
0050  C.          çç[HK1_DMP_REPEAT_NUM]         EQ 0
0051  C.          çç[HK1_DMA_DMP_PIM]            EQ DHU
0052 +. DC 01-22 DHU_MODE_CHNG
0053  BC (07 0b f8)
0054  C.          çç[HK1_PKT_FORM_NO]             EQ 7
0055  C.          çç[HK1_PKT_GEN_TIME]            EQ 0.25 s
0056  C.          çç[HK1_S_TLM_BIT_RATE]         EQ 32k
0057  C.          çç[HK1_X_TLM_BIT_RATE]         EQ 4M
0058  C.          çç[HK1_DMP_CHK_FLG]            EQ EXEC
0059  . C. YÀYóY×¼ªª í»«ò³ íÇ§
0060  C.          çç[HK1_DMP_CHK_FLG]            EQ NON
0061  . C. RAM ID=NMOG«í¼È¹ç•è²ïOK«ò³ íÇ§
0062  C.
0063  C. NMOG(0x210000-0x210FFF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0064 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0065  BC (21 00 41 01 02)
0066  C.          çç[HK1_DMP_TOP_ADRS_1]          EQ 42
0067  C.          çç[HK1_DMP_TOP_ADRS_0]          EQ 0
0068  C.          çç[HK1_DMP_BLOCK_NUM]           EQ 65
0069  C.          çç[HK1_DMP_REPEAT_NUM]         EQ 0
0070  C.          çç[HK1_DMA_DMP_PIM]            EQ DHU
0071 +. DC 01-22 DHU_MODE_CHNG
0072  BC (07 0b f8)
0073  C.          çç[HK1_PKT_FORM_NO]             EQ 7
0074  C.          çç[HK1_PKT_GEN_TIME]            EQ 0.25 s
0075  C.          çç[HK1_S_TLM_BIT_RATE]         EQ 32k
0076  C.          çç[HK1_X_TLM_BIT_RATE]         EQ 4M
0077  C.          çç[HK1_DMP_CHK_FLG]            EQ EXEC
0078  . C. YÀYóY×¼ªª í»«ò³ íÇ§
0079  C.          çç[HK1_DMP_CHK_FLG]            EQ NON
0080  . C. RAM ID=NMOG,RAM ID=OP«í¼È¹ç•è²ïOK«ò³ íÇ§
0081  C.
0082  . C. ***** «È²¼«òí¼Á' «ï«òÈÈ-«òÁ+¿® (¼áμ-YÀYóY×¼«¿ç«òÁÓÁæ«çªªª «»«ò¼í¹ç«ç«â) *****
0083  C. DHUYã;¼YÉ; È¼Y¼; Yí;¼YÉ; È«òíá«¹
0084 +. DC 01-22 DHU_MODE_CHNG
0085  BC (02 0a f8)
0086  C.          çç[HK1_PKT_FORM_NO]             EQ 2
0087  C.          çç[HK1_PKT_GEN_TIME]            EQ 0.5S
0088  C.          çç[HK1_S_TLM_BIT_RATE]         EQ 32k
0089  C.          çç[HK1_X_TLM_BIT_RATE]         EQ 4M
0090  C.
0091  . C. *****
0092  C. TI-CMD SET (OPOG STOP/COPY/START)
0093  C. *****
0094  C.
0095  . C. NOTICE  |§ OPOG UPLOAD«-Á+¿®NG«í¼í¹ç; ç°È²¼«òí¼TI-CMDÁ+¿®«í¼Á¹Ô«•«È«««³«È; f
```



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



```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop FG table >
0102 +. DC 07-F0 MDP_FG_CTRL_MANU
0103 BC (51)
0104 . C. -----
0105 C. MDP_FG_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload FG Observation Table>
0109 . S. RAM ram-263:MDP_OBS_F
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_F >
0113 +. DC 07-F0 MDP_DUMP_FGTBL
0114 BC (82 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_F 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 2015-03-21 10:49:18.0
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 08 08)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 85 83 06 06)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 20)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 20 08)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 08 20)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0f 80 80 06 06)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 10 80 80 08 08)
0172 + DC 07-F0 MDP_XRT_FLD_ENA
0173 BC (d8)
0174 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0175 BC (c8)
0176 + DC 07-F0 MDP_XRT_AEC_RESET
0177 BC (d0)
0178 + DC 07-F0 MDP_XRT_ARS_DIS
0179 BC (d5)
0180 + DC 07-F0 MDP_XRT_FLD_RESET
0181 BC (da)
0182 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0183 BC (c4 0e)
0184 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0185 BC (c5 13)
0186 . C. ----- Success Verify ? OK / NG ____
0187 C.
0188 C.
0189 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0190 C.
0191 +. DC 07-F0 MDP_XRT_MODE_OBSV
0192 BC (c2)
0193 +. TI 2015-03-21 10:49:02.0

```

```
0194 DC 07-F0 MDP_XRT_MODE_OBSV
0195 BC (c2)
0196 . C. ----- Success Verify ? OK / NG ____
0197 C.
0198 C. ***** XRT END *****
0199 C.
0200 . C. ***** MDP `úÃîñî»ò¼ŷñÊÃĐñ¹ñèDCBC•x²è *****
0201 C. (¼á°îŷÓŷÃŷÈŷŲŷËŷáŷçŷèñÊ¼ñ¼Ã»Ûñ¹ñè)
0202 . S. DC-BC dcbc-402:DCBC
0203 (MDP_known_event)
0204 C.
0205 C.
0206 . C. ***** ŷĐŷ¹•İ Daily±¿İÑñÊ´Øñ¹ñèDCBC•x²è *****
0207 . S. DC-BC dcbc-153:DCBC
0208 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0209 C.
0210 C.
0211 . C. ;ãLOSŷÁŷŲŷÃŷ¬¼Ã»Û¿ä
0212 C.
0213 . C. ***** LOS *****
0214 C.
```

*** OP Sequence for XRT ***

2015/03/21	10:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	10:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	10:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2015/03/21	11:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	02 00 00 00 00		
2015/03/21	11:00:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/03/21	11:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/03/21	11:00:22.0	XRT_AEC_RESET_413_OG [0x19d]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/03/21	11:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/03/21	11:00:26.0	XRT_FLD_RESET_407_OG [0x197]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/21	11:02:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e		
2015/03/21	11:02:58.0	XRT_FL_PROG_SET_435_OG [0x1b3]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 11		
2015/03/21	11:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/21	14:16:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	14:16:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	14:16:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/21	14:16:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/21	14:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/21	14:24:00.0	XRT_Custom_430_OG [0x1ae]					
2015/03/21	14:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/21	15:49:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	15:49:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	15:49:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/21	15:49:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/21	15:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/21	16:13:00.0	XRT_Custom_430_OG [0x1ae]					
2015/03/21	16:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/21	17:26:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	17:26:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	17:26:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/21	17:26:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/21	17:29:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/21	17:50:00.0	XRT_Custom_430_OG [0x1ae]					
2015/03/21	17:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/21	18:05:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	18:05:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	18:05:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2015/03/21	18:06:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2015/03/21	18:06:18.0	XRT_FLD_DIS_422_OG [0x1a6]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2015/03/21	18:08:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2015/03/21	18:08:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/03/21	18:08:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03		
2015/03/21	18:09:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/21	18:15:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	18:15:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/21	18:15:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2015/03/21	18:16:00.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 55 ca 01 99		
2015/03/21	18:16:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		

2015/03/21	18:16:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/21	18:16:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/21	18:16:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/21	18:16:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/21	18:18:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2015/03/21	18:18:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/03/21	18:19:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/21	19:03:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	19:03:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	19:03:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/21	19:03:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/21	19:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/21	19:27:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	19:27:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	19:27:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2015/03/21	19:27:30.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 4c e5 01	99
2015/03/21	19:27:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/21	19:27:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/21	19:27:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/21	19:27:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/21	19:27:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/21	19:30:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2015/03/21	19:30:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/03/21	19:30:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/21	19:52:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	19:52:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	19:52:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2015/03/21	19:52:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 43 ff 01	99
2015/03/21	19:52:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/21	19:52:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/21	19:52:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/21	19:52:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/21	19:52:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/21	19:55:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2015/03/21	19:55:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13
2015/03/21	19:55:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/21	20:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	20:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	20:40:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/21	20:40:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/21	20:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/21	21:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	21:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/21	21:04:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2015/03/21	21:05:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	AOCU_NM	5	02-76	00 3b 1a 01	99
2015/03/21	21:05:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/21	21:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	d8	

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 3/14

2015/03/21	21:05:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
			MDP_XRT_AEC_RESET	1	07-F0	d0
2015/03/21	21:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/21	21:05:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	21:07:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2015/03/21	21:07:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/03/21	21:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/21	21:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	21:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	21:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/21	21:30:00.0	AOCS_Ore-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00 32 35 01 99
2015/03/21	21:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/03/21	21:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/03/21	21:30:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/03/21	21:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/21	21:30:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	21:32:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2015/03/21	21:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/03/21	21:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/21	22:18:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	22:18:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	22:18:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	22:18:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/21	22:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/21	22:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	22:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	22:39:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/21	22:40:00.0	AOCS_Ore-point_Start_8_OG [0x09e]	AOCU_NM	5	02-76	00 29 58 01 99
2015/03/21	22:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/03/21	22:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/03/21	22:40:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/03/21	22:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/21	22:40:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	22:42:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2015/03/21	22:42:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/03/21	22:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/21	23:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	23:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/21	23:04:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/21	23:05:00.0	AOCS_Ore-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 20 72 01 99
2015/03/21	23:05:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/03/21	23:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/03/21	23:05:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/03/21	23:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/21	23:05:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/21	23:07:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2015/03/21	23:07:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 4/14

2015/03/21	23:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/21	23:55:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	23:55:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/21	23:55:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/21	23:55:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/21	23:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/22	00:04:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	00:04:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	00:04:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/03/22	00:05:00.0	AOCS_OrE-point_Start_10_OG [0x0a0]							
		AOCU_NM	5	02-76	00 17 8d 01 99				
2015/03/22	00:05:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/22	00:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/22	00:05:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/22	00:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/22	00:05:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	00:07:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2015/03/22	00:07:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/03/22	00:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/22	00:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	00:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	00:29:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/03/22	00:30:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]							
		AOCU_NM	5	02-76	00 0e a7 01 99				
2015/03/22	00:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/22	00:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/22	00:30:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/22	00:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/22	00:30:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	00:32:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2015/03/22	00:32:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/03/22	00:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/22	01:20:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	01:20:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	01:20:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	01:20:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/22	01:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/22	01:38:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	01:38:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	01:38:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/03/22	01:39:00.0	AOCS_OrE-point_Start_12_OG [0x0a2]							
		AOCU_NM	5	02-76	00 05 ca 01 99				
2015/03/22	01:39:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/22	01:39:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/22	01:39:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/22	01:39:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/22	01:39:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	01:41:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2015/03/22	01:41:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/03/22	01:42:00.0	XRT_CTRL_AUTO_408_OG [0x198]							

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 5/14

2015/03/22	02:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	02:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	02:03:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/22	02:04:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	AOCU_NM	5	02-76	00 fd cb 01 99
2015/03/22	02:04:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/03/22	02:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/03/22	02:04:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/03/22	02:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/22	02:04:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/22	02:06:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2015/03/22	02:06:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/03/22	02:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/22	02:54:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	02:54:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	02:54:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/22	02:54:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/22	02:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/22	03:15:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	03:15:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	03:15:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/22	03:15:30.5	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	00 f4 e6 01 99
2015/03/22	03:15:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/03/22	03:15:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/03/22	03:15:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/03/22	03:15:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/22	03:15:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/22	03:18:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2015/03/22	03:18:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/03/22	03:18:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/22	03:40:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	03:40:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	03:40:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/22	03:40:30.0	AOCS_ORe-point_Start_15_OG [0x0a5]	AOCU_NM	5	02-76	00 ec 00 01 99
2015/03/22	03:40:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2015/03/22	03:40:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2015/03/22	03:40:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0
2015/03/22	03:40:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2015/03/22	03:40:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/22	03:43:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2015/03/22	03:43:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13
2015/03/22	03:43:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/22	04:23:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	04:23:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/22	04:23:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/22	04:23:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/22	04:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 6/14

2015/03/22	04:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	04:52:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	04:52:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2015/03/22	04:53:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00 e3 1b 01	99
2015/03/22	04:53:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/22	04:53:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/22	04:53:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/22	04:53:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/22	04:53:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	04:55:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2015/03/22	04:55:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/03/22	04:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	05:17:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	05:17:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	05:17:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2015/03/22	05:18:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00 da 36 01	99
2015/03/22	05:18:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/22	05:18:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/22	05:18:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/22	05:18:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/22	05:18:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	05:20:56.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2015/03/22	05:20:58.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/03/22	05:21:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	06:04:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	06:04:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	06:04:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	06:04:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/22	06:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/22	06:30:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	06:30:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	06:30:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2015/03/22	06:30:30.0	AOCS_ORe-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00 d1 59 01	99
2015/03/22	06:30:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/22	06:30:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/22	06:30:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/22	06:30:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/22	06:30:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	06:33:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2015/03/22	06:33:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/03/22	06:33:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	06:55:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	06:55:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	06:55:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2015/03/22	06:55:30.0	AOCS_ORe-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	00 c8 73 01	99
2015/03/22	06:55:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/22	06:55:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	d8	

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 7/14

2015/03/22	06:55:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
			MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/03/22	06:55:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/03/22	06:55:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/22	06:58:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10	
2015/03/22	06:58:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13	
2015/03/22	06:58:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/22	07:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	07:44:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	07:44:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/22	07:44:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/22	07:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/22	08:07:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	08:07:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	08:07:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2015/03/22	08:07:30.0	AOCS_Ore-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00	bf	8e 01 99
2015/03/22	08:07:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/03/22	08:07:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/03/22	08:07:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/03/22	08:07:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/03/22	08:07:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/22	08:10:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10	
2015/03/22	08:10:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13	
2015/03/22	08:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/22	08:32:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	08:32:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	08:32:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2015/03/22	08:32:30.0	AOCS_Ore-point_Start_21_OG [0x0ab]	AOCU_NM	5	02-76	00	b6	a8 01 99
2015/03/22	08:32:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/03/22	08:32:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/03/22	08:32:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/03/22	08:32:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/03/22	08:32:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/22	08:35:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10	
2015/03/22	08:35:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13	
2015/03/22	08:35:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/22	08:57:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	08:57:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	08:57:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2015/03/22	08:57:30.0	AOCS_Ore-point_Start_22_OG [0x0ac]	AOCU_NM	5	02-76	00	ad	cb 01 99
2015/03/22	08:57:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/03/22	08:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/03/22	08:57:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/03/22	08:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/03/22	08:57:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/22	09:00:26.0	XRT_QT_PROG_SET_406_OG [0x196]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10	
2015/03/22	09:00:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13	

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 8/14

2015/03/22	09:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/22	09:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	09:24:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	09:24:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	09:24:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/22	09:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/22	09:44:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	09:44:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	09:44:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/03/22	09:45:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2015/03/22	09:45:18.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/03/22	09:47:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/03/22	09:47:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/22	09:47:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2015/03/22	09:48:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/22	09:54:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	09:54:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	09:54:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2015/03/22	09:55:00.0	AOCS_ORe-point_Start_23_OG [0x0ad]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2015/03/22	09:55:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/22	09:55:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/22	09:55:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/22	09:55:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/22	09:55:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	09:57:56.0	XRT_QT_PROG_SET_406_OG [0x196]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2015/03/22	09:57:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/03/22	09:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/22	14:49:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	14:49:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	14:49:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	14:49:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/22	14:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/22	15:02:00.0	XRT_Custom_430_OG [0x1ae]							
2015/03/22	15:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/22	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/22	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2015/03/22	16:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2015/03/22	16:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/22	16:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/22	16:00:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/22	16:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/22	16:00:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/22	16:02:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2015/03/22	16:02:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 13				
2015/03/22	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/22	16:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2015/03/22	16:25:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	16:25:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	16:25:06.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/22	16:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/22	16:48:30.0	XRT_Custom_430_OG [0x1ae]				
2015/03/22	16:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	17:38:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	17:38:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	17:38:28.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2015/03/22	17:38:30.0	AOCS_Ore-point_Start_2_OG [0x098] AOCU_NM	5	02-76	00 00 00 00 00	
2015/03/22	17:38:48.0	XRT_FLD_DIS_422_OG [0x1a6] MDP_XRT_FLD_DIS	1	07-F0	d9	
2015/03/22	17:41:24.0	XRT_FLRCTRL_DIS_405_OG [0x195] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2015/03/22	17:41:26.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/22	17:41:28.0	XRT_QT_PROG_SET_438_OG [0x1b6] MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2015/03/22	17:41:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	17:48:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	17:48:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	17:48:28.0	XRT_FOCUS_POSITION_403_OG [0x193] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2015/03/22	17:48:30.0	AOCS_Ore-point_Start_24_OG [0x0ae] AOCU_NM	5	02-76	03 00 00 00 00	
2015/03/22	17:48:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8	
2015/03/22	17:48:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2015/03/22	17:48:52.0	XRT_AEC_RESET_413_OG [0x19d] MDP_XRT_AEC_RESET	1	07-F0	d0	
2015/03/22	17:48:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5	
2015/03/22	17:48:56.0	XRT_FLD_RESET_407_OG [0x197] MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	17:51:26.0	XRT_QT_PROG_SET_406_OG [0x196] MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2015/03/22	17:51:28.0	XRT_FL_PROG_SET_401_OG [0x191] MDP_XRT_FL_PROG_SET	2	07-F0	c5 13	
2015/03/22	17:51:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	18:02:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	18:02:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	18:02:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	18:02:06.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/22	18:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/22	18:25:00.0	XRT_Custom_430_OG [0x1ae]				
2015/03/22	18:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	19:38:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	19:38:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	19:38:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	19:38:36.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/22	19:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/22	20:02:00.0	XRT_Custom_430_OG [0x1ae]				
2015/03/22	20:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	21:16:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	21:16:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1	
2015/03/22	21:16:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da	
2015/03/22	21:16:06.0	XRT_PREFLR_STRT_439_OG [0x1b7] MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2015/03/22	21:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2015/03/22	21:39:00.0	XRT_Custom_430_OG [0x1ae]				
2015/03/22	21:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2015/03/22	21:48:24.0	XRT_CTRL_MANU_402_OG [0x192]				

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 10/14

2015/03/22	21:48:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	21:48:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	21:48:30.0	AOCS_Orе-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2015/03/22	21:48:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	02	00	00 00 00
2015/03/22	21:48:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2015/03/22	21:48:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2015/03/22	21:48:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2015/03/22	21:48:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2015/03/22	21:51:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/22	21:51:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e	
2015/03/22	21:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13	
2015/03/22	22:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/22	22:53:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	22:53:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/22	22:53:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/22	22:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/22	23:13:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/22	23:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2015/03/23	00:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/23	00:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	00:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	00:30:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/23	00:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/23	00:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/23	00:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2015/03/23	01:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/23	01:53:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	01:53:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	01:53:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/23	01:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/23	02:13:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/23	02:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2015/03/23	03:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/23	03:26:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	03:26:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	03:26:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/23	03:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/23	03:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/23	03:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2015/03/23	05:00:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/23	05:00:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	05:00:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	05:00:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_FLD_RESET	1	07-F0	da		
2015/03/23	05:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2015/03/23	05:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2015/03/23	05:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]					
2015/03/23	05:56:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2015/03/23	05:56:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2015/03/23	05:56:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

2015/03/23	05:56:30.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	00	00	00
2015/03/23	05:56:48.0	XRT_FLD_DIS_422_OG [0x1a6]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2015/03/23	05:59:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2015/03/23	05:59:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/03/23	05:59:28.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2015/03/23	05:59:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/03/23	06:06:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	06:06:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	06:06:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/03/23	06:06:30.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	02	00	00	00
2015/03/23	06:06:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2015/03/23	06:06:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2015/03/23	06:06:52.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2015/03/23	06:06:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/03/23	06:06:56.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/03/23	06:09:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e		
2015/03/23	06:09:28.0	XRT_FL_PROG_SET_401_OG [0x191]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	13		
2015/03/23	06:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/03/23	06:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	06:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	06:40:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/03/23	06:40:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/03/23	06:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/03/23	07:05:00.0	XRT_Custom_430_OG [0x1ae]							
2015/03/23	07:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/03/23	08:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	08:20:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	08:20:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/03/23	08:20:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/03/23	08:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/03/23	08:41:30.0	XRT_Custom_430_OG [0x1ae]							
2015/03/23	08:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2015/03/23	10:01:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	10:01:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	10:01:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/03/23	10:01:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2015/03/23	10:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2015/03/23	10:13:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	10:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2015/03/23	10:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2015/03/23	10:14:00.0	AOCS_OrE-point_Start_25_OG [0x0af]	AOCU_NM	5	02-76	00	53	8d	01
2015/03/23	10:14:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2015/03/23	10:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2015/03/23	10:14:22.0	XRT_AEC_RESET_413_OG [0x19d]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2015/03/23	10:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2015/03/23	10:14:26.0	XRT_FLD_RESET_407_OG [0x197]	MDP_XRT_FLD_RESET	1	07-F0	da			
2015/03/23	10:16:56.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d		

2015/03/23	10:16:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	13			
2015/03/23	10:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/23	15:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	15:24:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	15:24:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/23	15:24:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/23	15:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/23	15:47:00.0	XRT_Custom_430_OG [0x1ae]							
2015/03/23	15:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/23	17:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	17:00:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	17:00:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/23	17:00:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/23	17:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/23	17:24:00.0	XRT_Custom_430_OG [0x1ae]							
2015/03/23	17:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/23	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	17:59:58.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]							
		XRT_FOCUS_RECAL	2	07-F8	78	00			
2015/03/23	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2015/03/23	18:03:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2015/03/23	18:04:18.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/03/23	18:06:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/03/23	18:06:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/23	18:06:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2015/03/23	18:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/23	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2015/03/23	18:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	00	00	00	00
2015/03/23	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2015/03/23	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2015/03/23	18:10:22.0	XRT_AEC_RESET_413_OG [0x19d]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2015/03/23	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/23	18:10:26.0	XRT_FLD_RESET_407_OG [0x197]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/23	18:12:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2015/03/23	18:12:58.0	XRT_FL_PROG_SET_401_OG [0x191]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	13			
2015/03/23	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/23	18:37:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	18:37:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	18:37:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2015/03/23	18:37:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2015/03/23	18:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2015/03/23	19:00:30.0	XRT_Custom_430_OG [0x1ae]							
2015/03/23	19:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/23	20:14:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	20:14:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/23	20:14:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 13/14

2015/03/23	20:14:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/23	20:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/23	20:38:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/23	20:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/23	21:52:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/23	21:52:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/23	21:52:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/23	21:52:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/23	21:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/23	22:14:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/23	22:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/23	23:29:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/23	23:29:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/23	23:29:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/23	23:29:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/23	23:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/23	23:41:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/23	23:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/24	00:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	00:57:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	00:57:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/24	00:57:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/24	01:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/24	01:12:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/24	01:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/24	02:28:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	02:28:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	02:28:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/24	02:28:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/24	02:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/24	02:48:30.0	XRT_Custom_430_OG [0x1ae]			
2015/03/24	02:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/24	03:56:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	03:56:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	03:56:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/24	03:56:36.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/24	03:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/24	04:26:00.0	XRT_Custom_430_OG [0x1ae]			
2015/03/24	04:27:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/24	05:37:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	05:37:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	05:37:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2015/03/24	05:37:06.0	XRT_PREFLR_STRT_439_OG [0x1b7]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2015/03/24	05:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2015/03/24	06:03:30.0	XRT_Custom_430_OG [0x1ae]			
2015/03/24	06:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2015/03/24	06:12:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	06:12:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2015/03/24	06:12:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2015/03/24	06:13:00.0	AOCS_OrE-point_Start_2_OG [0x098]			
		AOCU_NM	5	02-76	00 00 00 00 00

Mar 21, 15 14:05

XRT_OGLIST_0004.chk

Page 14/14

2015/03/24	06:13:18.0	XRT_FLD_DIS_422_OG [0x1a6]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2015/03/24	06:15:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2015/03/24	06:15:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2015/03/24	06:15:58.0	XRT_QT_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2015/03/24	06:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2015/03/24	06:23:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 00 00 00 00				
2015/03/24	06:24:00.5	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/24	06:24:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2015/03/24	06:42:30.0	XRT_STANDBY_421_OG [0x1a5]							
		XRT_STBY	2	07-F8	03 01				
2015/03/24	11:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				