

XRT Timeline to be uploaded on 2016/12/10

Period: 2016/12/10 09:30:00 - 2016/12/15 10:02:00

* * * * *

Normal mode

* * * * *

XOB #1B5D: 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
12/10 09:59:36 - 12/10 12:39:54	Fixed (933.0, -115.0)	# OP start + 10min. AR 12615 at the West limb.
12/10 18:43:15 - 12/11 05:59:54	Fixed (933.0, -115.0)	# AR cont.
12/11 06:13:00 - 12/11 15:38:30	Fixed (933.0, -115.0)	# HOP 328 with ALMA (12:46-15:50UT).
12/11 16:18:00 - 12/11 20:28:30	Fixed (933.0, -115.0)	# HOP 328 with ALMA, until 20:03UT.

PROG= 02 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= 87		1-time(s)	2.0sec										
Al-poly/Open		thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1208, 1048)	Q=95	2	0	2.0sec
Al-poly/Open		thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1208, 1048)	Q=95	3	0	2.0sec
thin-Be/Open		med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1208, 1048)	Q=95	2	0	2.0sec
thin-Be/Open		med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1208, 1048)	Q=95	3	0	2.0sec
Seqn= 96		4-time(s)	60.0sec										
Al-poly/Open		thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open		med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	15.0sec
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	15.0sec
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 #1B5B: QS (Filter-Ratio with Al/poly and Al/mesh), 384FOV at 1064, 1048 with G-band (3ms/3ms leak) 30s cad - AEC0- HOP328-2

Term	Pointing (x, y)	Comment
12/10 12:43:00 - 12/10 14:14:54	Track (435.4, 324.0) @ 12/10 12:40:00	# HOP 328 with ALMA.
12/10 14:18:00 - 12/10 17:52:54	Track (349.0, 285.1) @ 12/10 14:15:00	# HOP 328 with ALMA.

PROG= 20 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		1-time(s)	2.0sec										
Seqn= 37		30-time(s)	30.0sec										
Open/Al-mesh		Open/thick-Al	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	0	0	2.0sec
Default Filter		Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

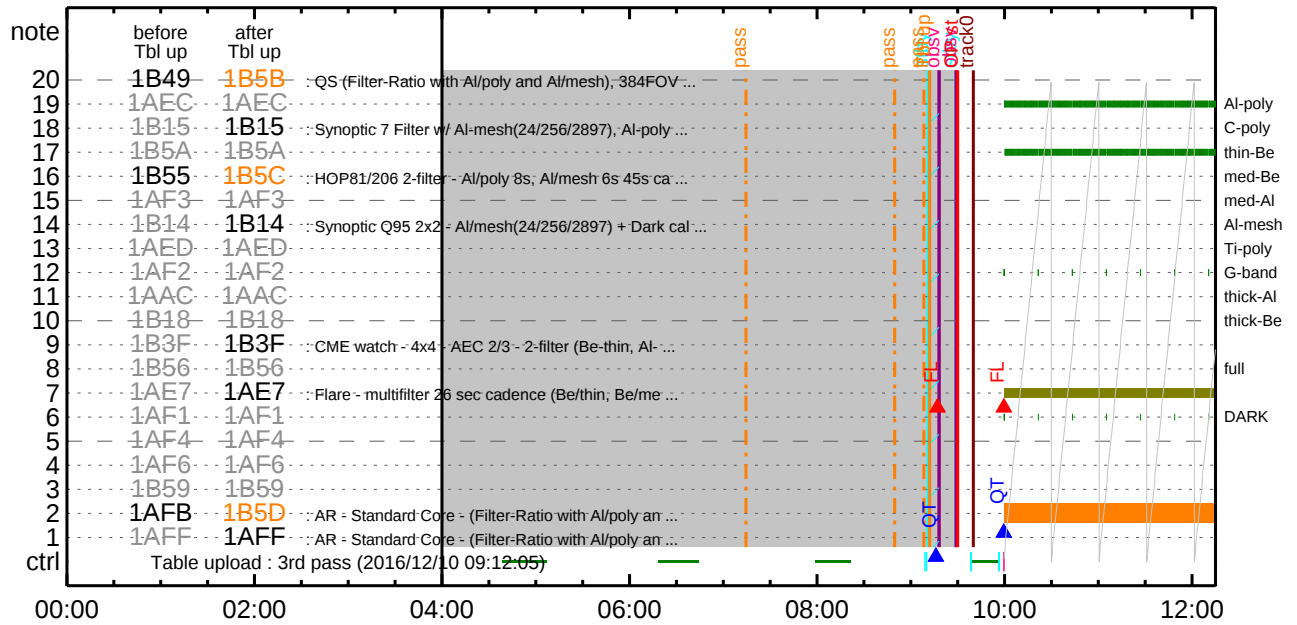
XOB #1B15: Synoptic 7 Filter w/ Al-mesh(24/256/2897), Al-poly(45/512/4096), Thin-Be(181/2048/11571) - Thick-Be(65536), Al-poly+Ti-poly(512/4096), Med-Al

Term	Pointing (x, y)	Comment
12/10 17:56:00 - 12/10 18:16:30	Fixed (0.0, 0.0)	synoptic, shifted -7.0 min. Extended for SOT.

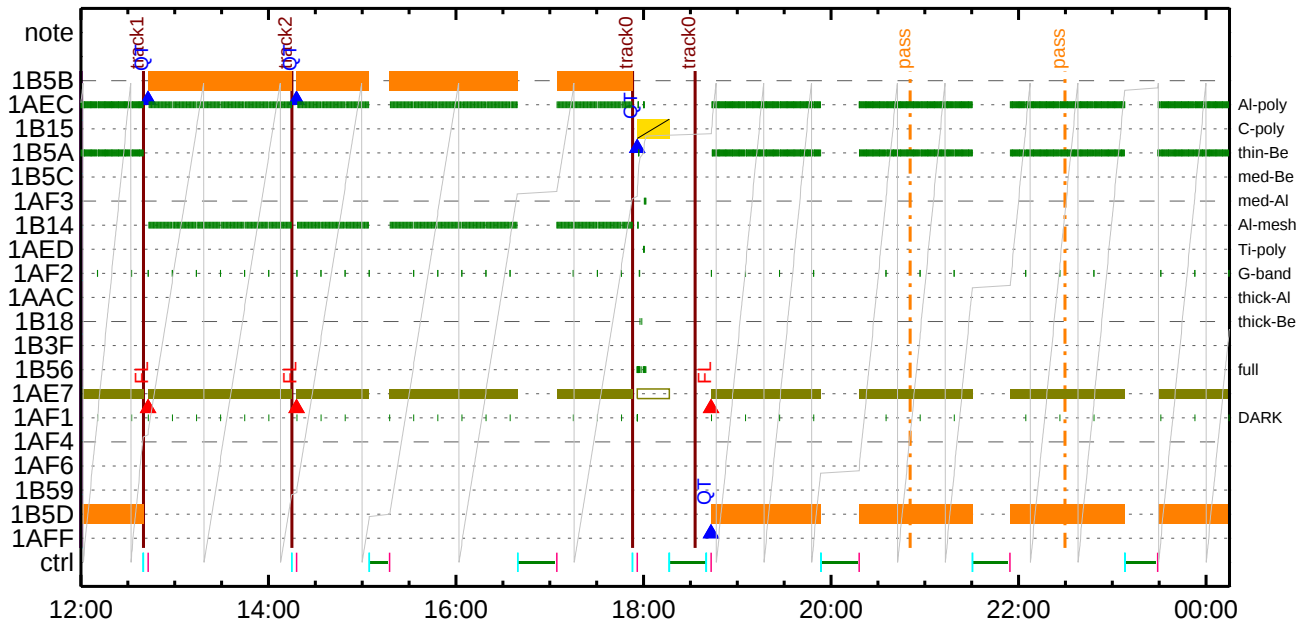
PROG= 18 1-time(s)

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= 1		1-time(s)	2.0sec										
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh		Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 99		1-time(s)	2.0sec										
Al-poly/Open		Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open		Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 67		1-time(s)	2.0sec										
thin-Be/Open		thin-Be/Open	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open		thin-Be/Open	close	Safe	Norm	2.00s	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)	4.0sec										
Open/G-band		Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
Open/G-band		Open/G-band	close	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec										
Seqn= 46		2-time(s)	2.0sec										
Open/thick-Be		Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec

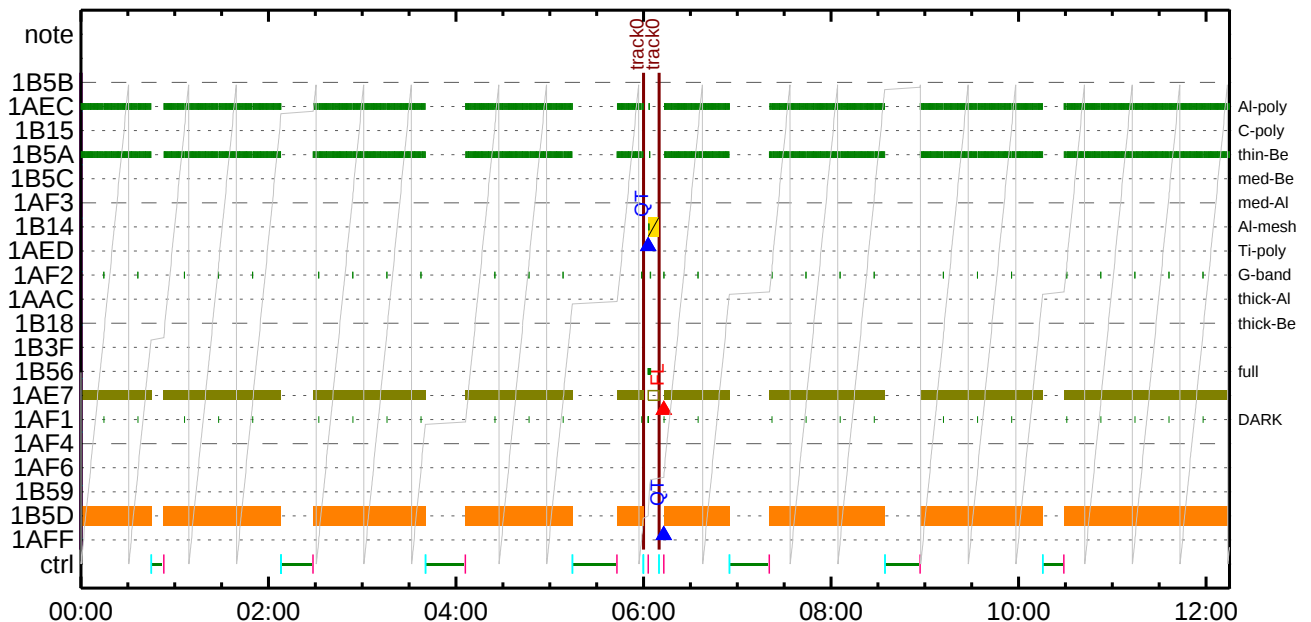
CMDI #0374 2016/12/10



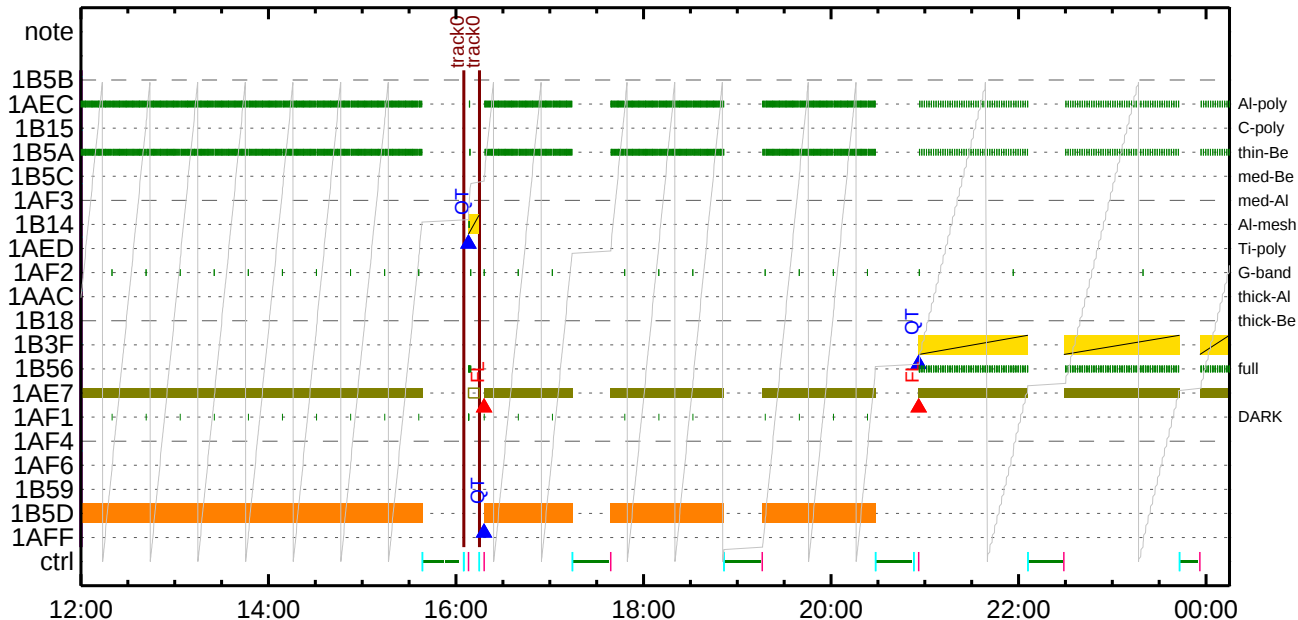
CMDI #0374 2016/12/10



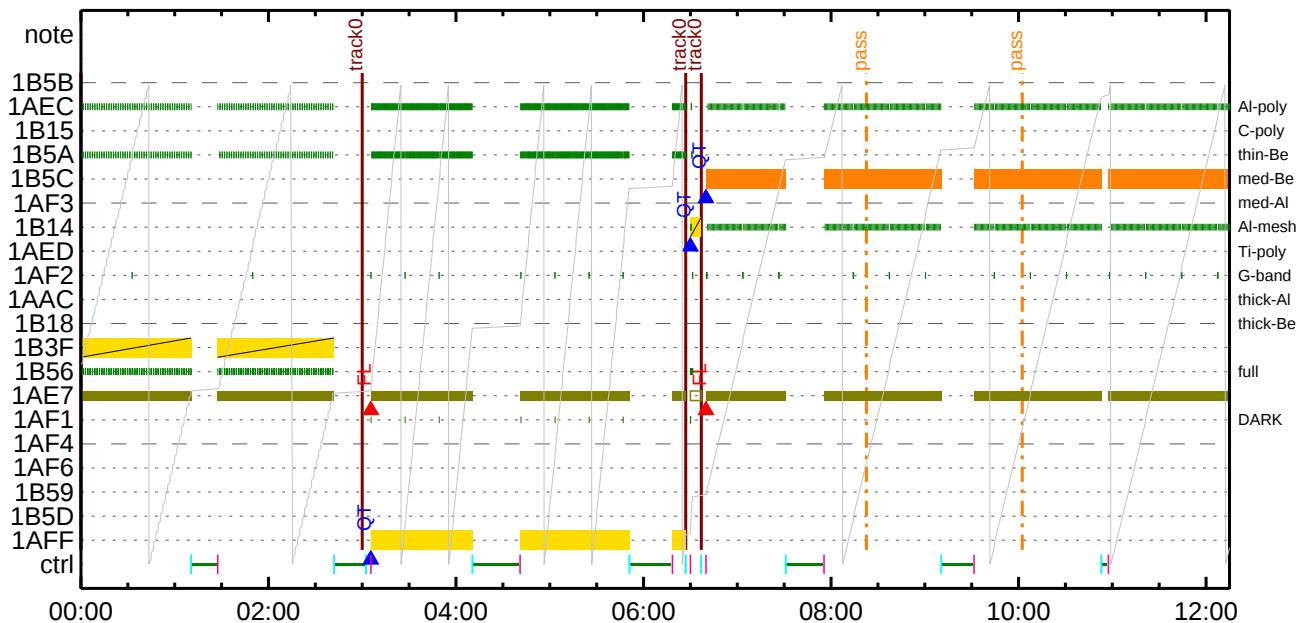
CMDI #0374 2016/12/11



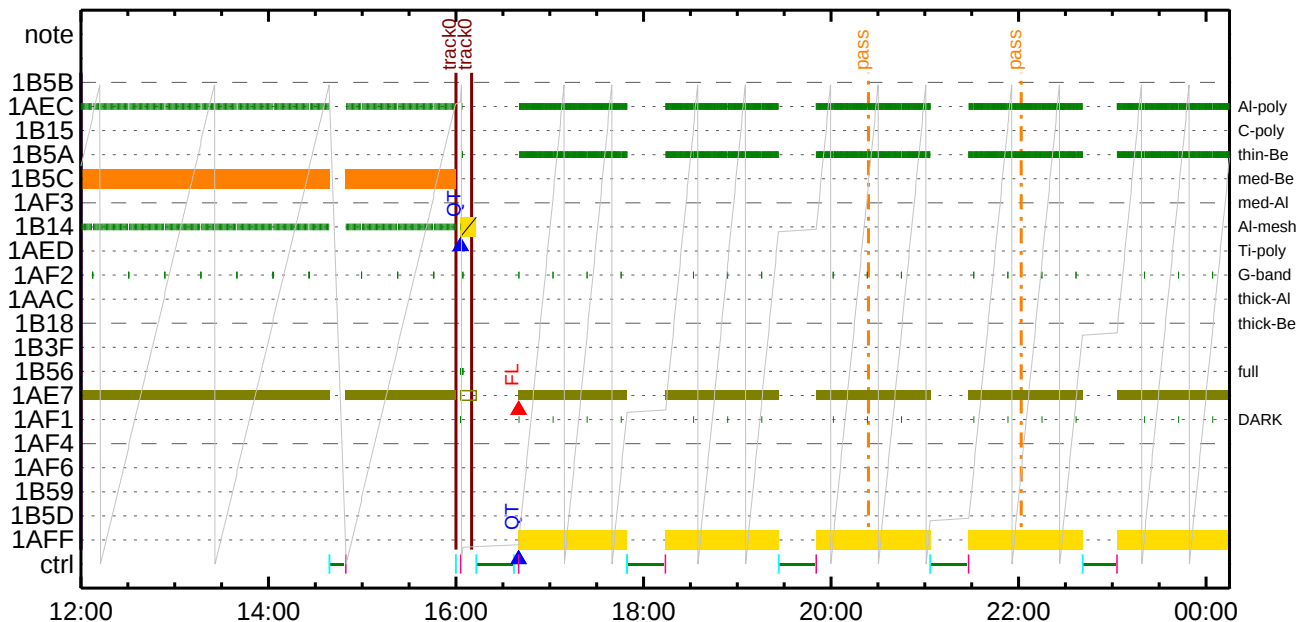
CMDI #0374 2016/12/11



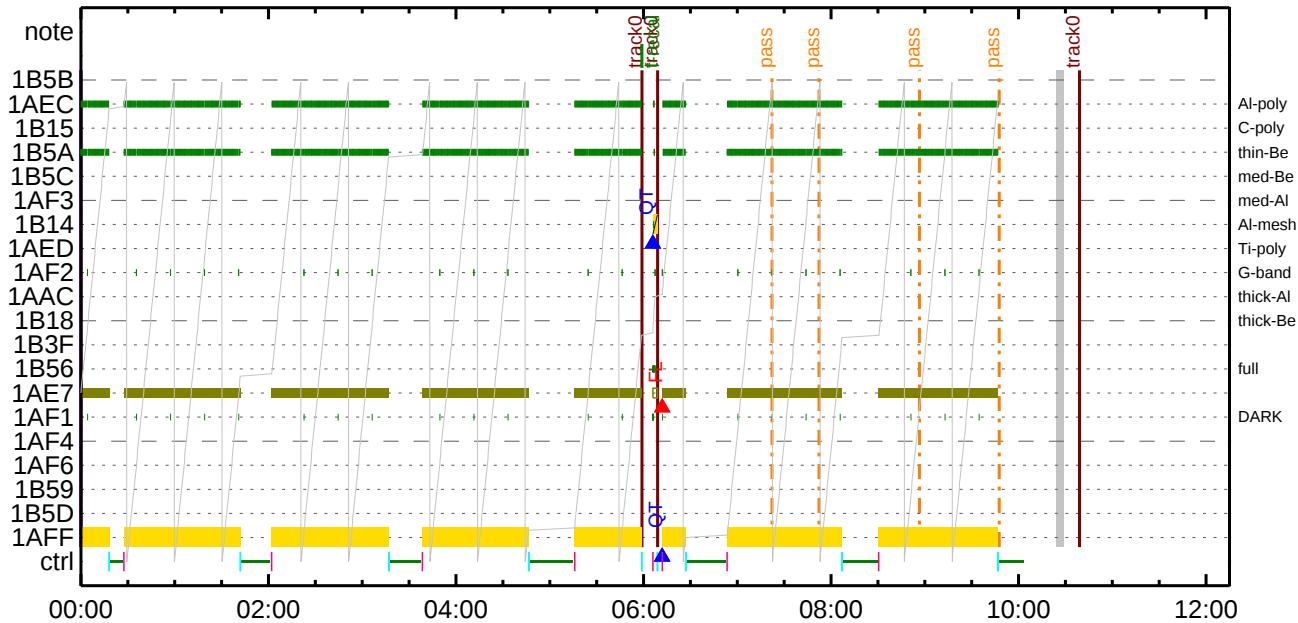
CMDI #0374 2016/12/12



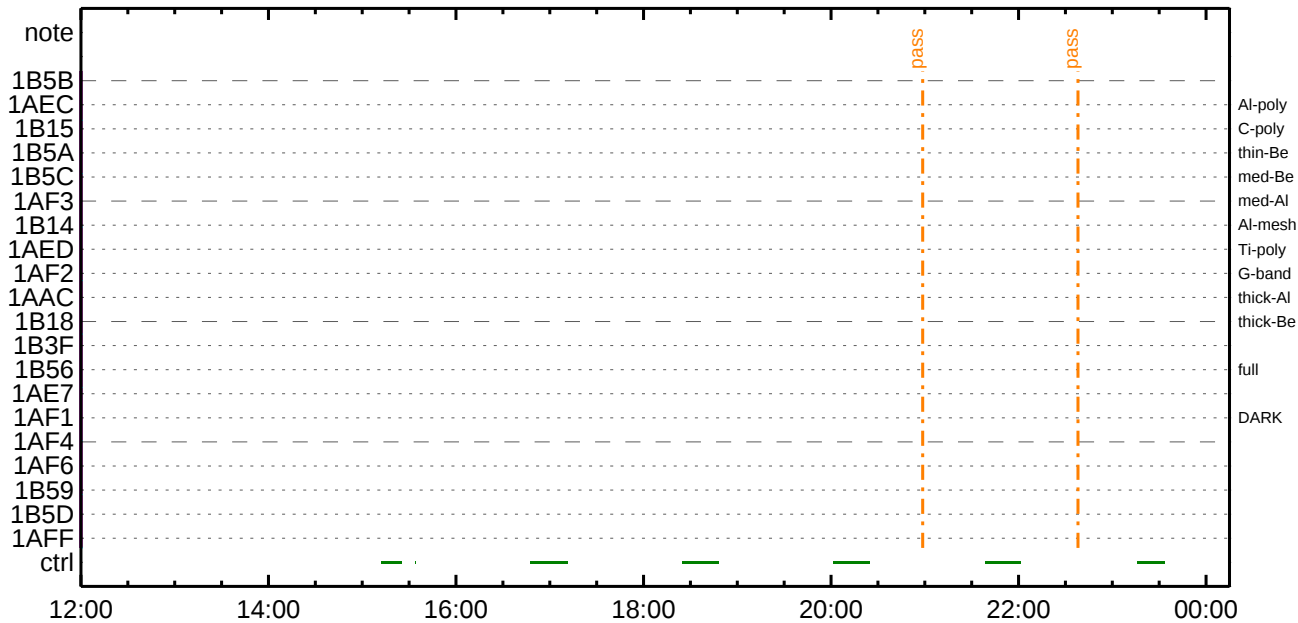
CMDI #0374 2016/12/12



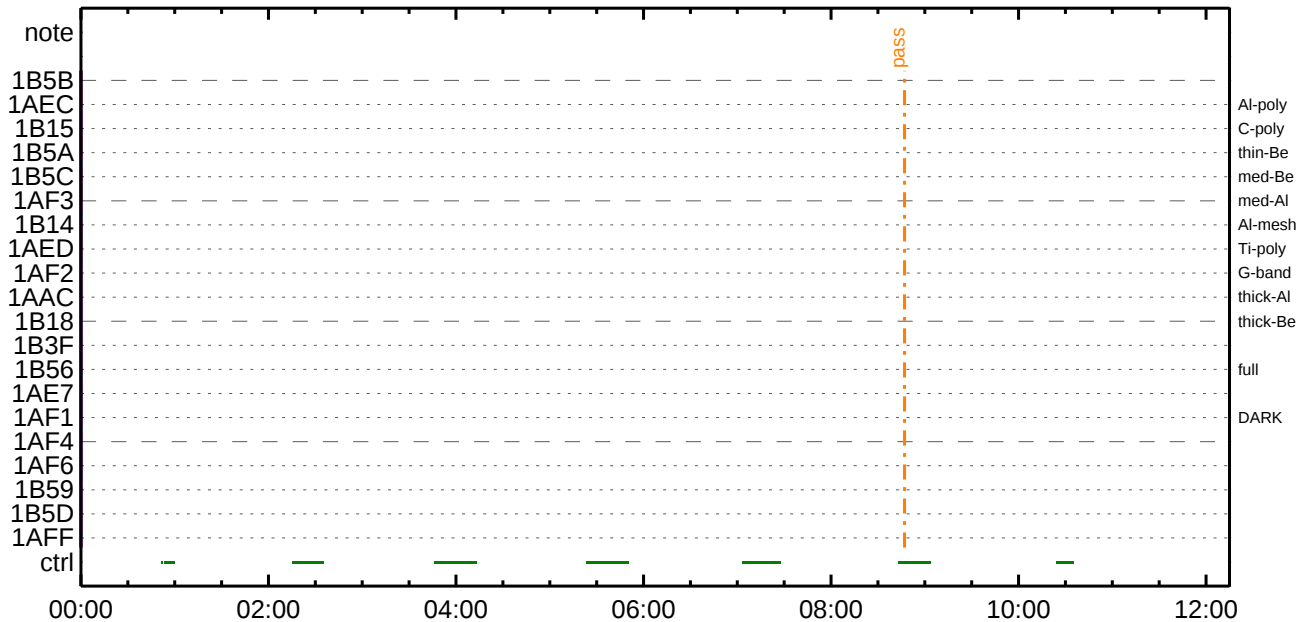
CMDI #0374 2016/12/13



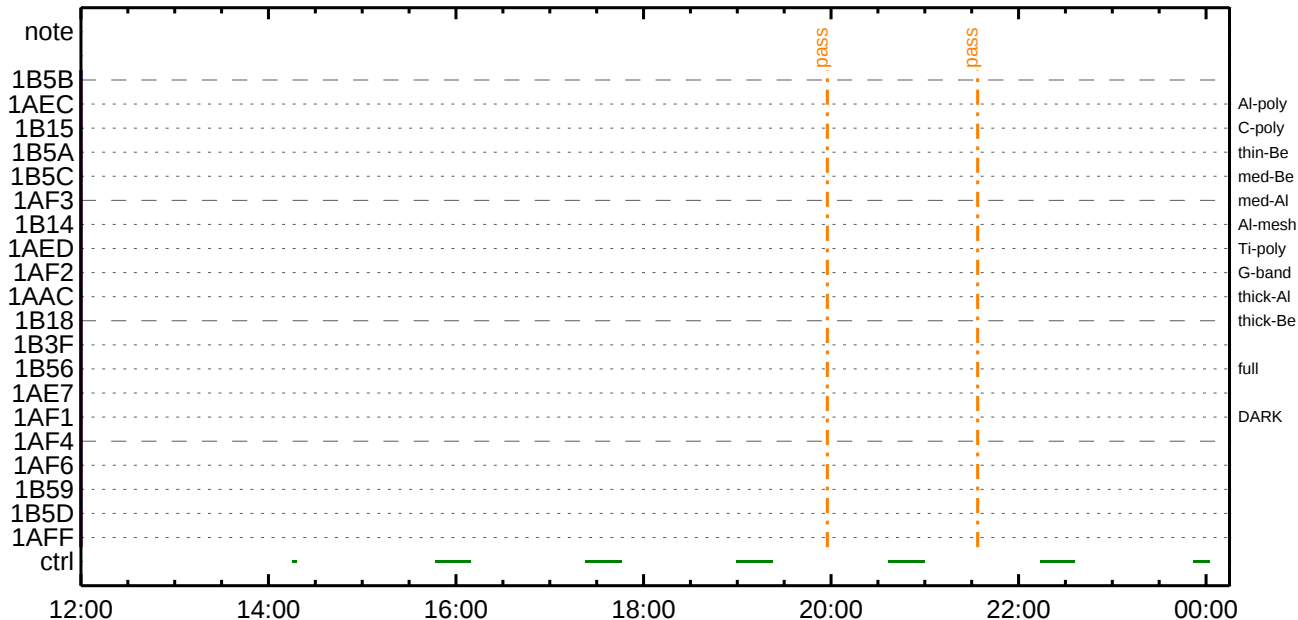
CMDI #0374 2016/12/13



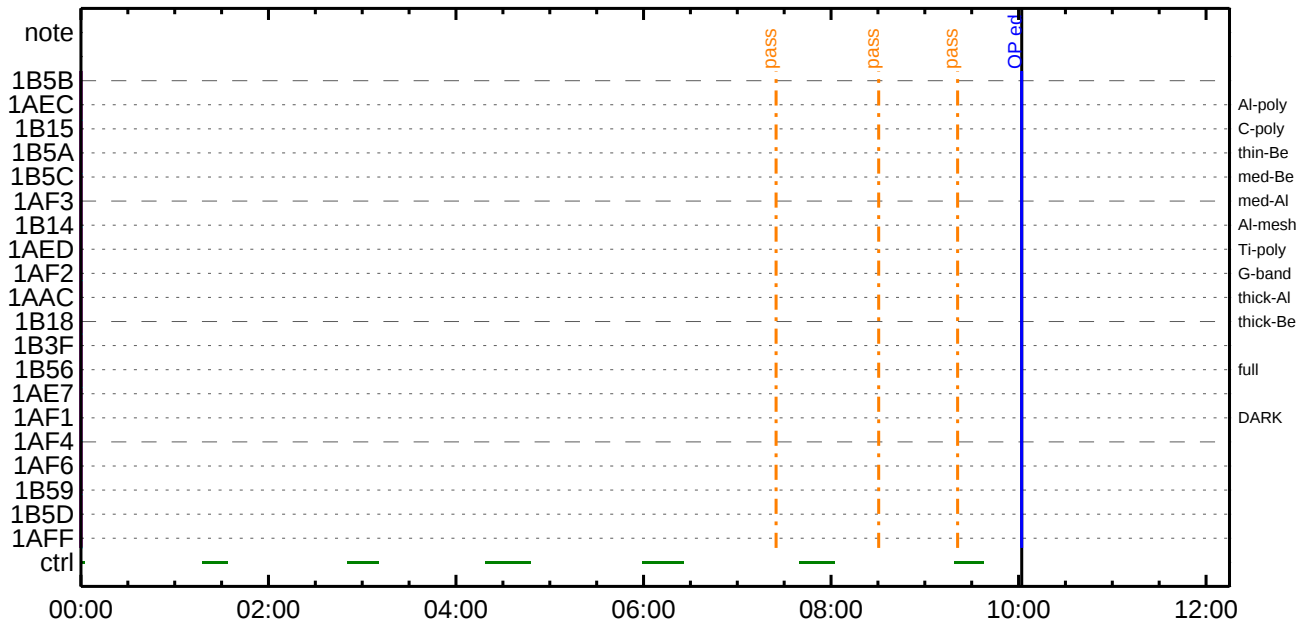
CMDI #0374 2016/12/14



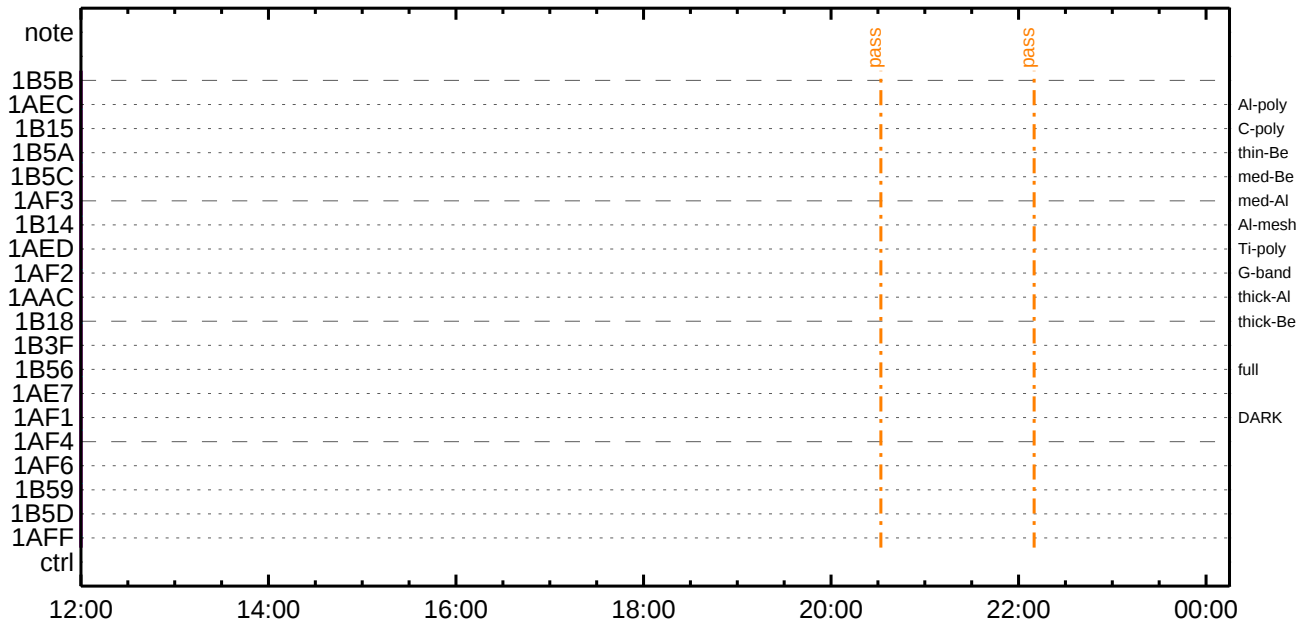
CMDI #0374 2016/12/14



CMDI #0374 2016/12/15



CMDI #0374 2016/12/15



(a) Spacecraft Operation Procedure (real-commands)

```
main-296 2016-12-10 12:51:30 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Á»Üjã
0005 C.
0006 C. ¥À¥Bj¼¥³¥D¥Ó¥ÉÁ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ĀiĒ□¿□A□•μ°£»İ×AÇ□İ¥Ç¥A¥×¥İj¼¥ÉjĒĒē½μ•īİĒjĒē¼°Ç□□•□¿¼i¹Ç□İjÇÀ®, ū□¹□ē□□□ÇÁ÷¿®□•□Ē□□□³□Ēēj£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-282:MDP_OBS_S
0026 ()
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2016-12-10 09:29:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ()
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 97 83 06 06)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 20)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 20 08)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 80 08 20)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 97 97 0c 0c)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 +. DC 07-F0 MDP_XRT_FLD_ENA
0091 BC (d8)
0092 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0093 BC (c8)
0094 +. DC 07-F0 MDP_XRT_ARS_DIS
0095 BC (d5)
```

```
0096 + DC 07-F0 MDP_XRT_AEC_RESET
0097 BC (d0)
0098 + DC 07-F0 MDP_XRT_FLD_RESET
0099 BC (da)
0100 + DC 07-F0 MDP_XRT_QT_PROG_SET
0101 BC (c4 01)
0102 + DC 07-F0 MDP_XRT_FL_PROG_SET
0103 BC (c5 07)
0104 . C. ----- Success Verify ? OK / NG ____
0105 C.
0106 C.
0107 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0108 C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110 BC (c2)
0111 +. TI 2016-12-10 09:29:02.0
0112 DC 07-F0 MDP_XRT_MODE_OBSV
0113 BC (c2)
0114 . C. ----- Success Verify ? OK / NG ____
0115 C.
0116 C. ***** XRT END *****
0117 C.
0118 . C. ***** MDP `0ÃÎ«0%Ÿ«ĒÂð«¹«ĒDCBC•x²è *****
0119 C. (%ã°İŸ0ŸAŸĒŸpŸĒŸãŸŸ«Ē«½¼«¼A»Ÿ«¹«Ē)
0120 . S. DC-BC dcbc-402:DCBC
0121 (MDP_known_event)
0122 C.
0123 C.
0124 . C. ***** ŸÐŸ¹•İ Daily±¿İŸ«Ē`0«¹«ĒDCBC•x²è *****
0125 . S. DC-BC dcbc-153:DCBC
0126 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127 C.
0128 C.
0129 . C. įãLOSŸÁŸSŸÃŸ¬¼A»Ÿįä
0130 C.
0131 . C. ***** LOS *****
0132 C.
```

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 1/10

*** OP Sequence for XRT ***

2016/12/10	09:38:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	09:38:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	09:38:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2016/12/10	09:38:36.0	XRT_PREFLR_STRT_414_OG [0x19e]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2016/12/10	09:40:00.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 00 0a 35 ad 0f
2016/12/10	09:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		
		MDP_XRT_PREFLR_STOP	1	07-F0 e9
2016/12/10	09:56:30.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	09:56:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	09:56:34.0	XRT_FOCUS_POSITION_410_OG [0x19a]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2016/12/10	09:56:54.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2016/12/10	09:56:56.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2016/12/10	09:56:58.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2016/12/10	09:57:00.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2016/12/10	09:57:02.0	XRT_FLD_RESET_433_OG [0x1b1]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2016/12/10	09:59:32.0	XRT_QT_PROG_SET_438_OG [0x1b6]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 02
2016/12/10	09:59:34.0	XRT_FL_PROG_SET_436_OG [0x1b4]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07
2016/12/10	09:59:36.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2016/12/10	12:39:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	12:39:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	12:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2016/12/10	12:40:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 01 00 00 00 00
2016/12/10	12:40:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2016/12/10	12:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2016/12/10	12:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2016/12/10	12:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2016/12/10	12:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2016/12/10	12:42:56.0	XRT_QT_PROG_SET_446_OG [0x1be]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 14
2016/12/10	12:42:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07
2016/12/10	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2016/12/10	14:14:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	14:14:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	14:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2016/12/10	14:15:00.0	AOCS_ORe-point_Start_3_OG [0x099]		
		AOCU_NM	5	02-76 02 00 00 00 00
2016/12/10	14:15:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2016/12/10	14:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2016/12/10	14:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2016/12/10	14:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2016/12/10	14:15:26.0	XRT_FLD_RESET_433_OG [0x1b1]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2016/12/10	14:17:56.0	XRT_QT_PROG_SET_446_OG [0x1be]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 14
2016/12/10	14:17:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07
2016/12/10	14:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2016/12/10	15:04:30.0	XRT_CTRL_MANU_400_OG [0x190]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	15:04:32.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2016/12/10	15:04:34.0	XRT_FLD_RESET_415_OG [0x19f]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2016/12/10	15:04:36.0	XRT_PREFLR_STRT_414_OG [0x19e]		
		MDP_XRT_PREFLR_STRT	1	07-F0 e8
2016/12/10	15:07:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]		

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 2/10

2016/12/10	15:16:31.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/10	15:17:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/12/10	16:39:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/10	16:39:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	16:39:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/10	16:39:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/10	16:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/10	17:03:30.0	XRT_Custom_430_OG [0x1ae]				
2016/12/10	17:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/10	17:52:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	17:52:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	17:52:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/10	17:53:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00
2016/12/10	17:53:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/12/10	17:55:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/12/10	17:55:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/10	17:55:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2016/12/10	17:56:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/10	18:16:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	18:16:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	18:16:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/10	18:16:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/10	18:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/10	18:33:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	00 0a 35 ad 0f
2016/12/10	18:40:09.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	18:40:11.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	18:40:13.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/10	18:40:33.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/10	18:40:35.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/10	18:40:37.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/10	18:40:39.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/10	18:40:41.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/10	18:43:11.0	XRT_QT_PROG_SET_438_OG [0x1b6]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2016/12/10	18:43:13.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/10	18:43:15.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/10	19:53:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	19:53:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	19:53:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/10	19:53:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/10	19:56:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/10	20:17:00.0	XRT_Custom_430_OG [0x1ae]				
2016/12/10	20:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/10	21:30:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	21:30:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	21:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/10	21:30:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/10	21:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/10	21:53:30.0	XRT_Custom_430_OG [0x1ae]				

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 3/10

2016/12/10	21:54:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/10	23:08:00.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	23:08:02.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/10	23:08:04.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/10	23:08:06.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/10	23:11:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/10	23:28:00.0	XRT_Custom_430_0G [0x1ae]			
2016/12/10	23:29:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	00:45:00.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	00:45:02.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	00:45:04.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	00:45:06.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	00:48:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	00:52:00.0	XRT_Custom_430_0G [0x1ae]			
2016/12/11	00:53:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	02:08:00.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	02:08:02.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	02:08:04.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	02:08:06.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	02:11:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	02:27:30.0	XRT_Custom_430_0G [0x1ae]			
2016/12/11	02:28:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	03:40:30.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	03:40:32.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	03:40:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	03:40:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	03:43:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	04:05:00.0	XRT_Custom_430_0G [0x1ae]			
2016/12/11	04:06:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	05:14:30.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	05:14:32.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	05:14:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	05:14:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	05:17:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	05:42:00.0	XRT_Custom_430_0G [0x1ae]			
2016/12/11	05:43:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	05:59:54.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	05:59:56.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	05:59:58.0	XRT_FOCUS_POSITION_403_0G [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/11	06:00:00.0	AOCS_ORe-point_Start_4_0G [0x09a]			
		AOCU_NM	5	02-76	00 00 00 00 00
2016/12/11	06:00:18.0	XRT_FLD_DIS_406_0G [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2016/12/11	06:02:54.0	XRT_FLRCTRL_DIS_405_0G [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/12/11	06:02:56.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/11	06:02:58.0	XRT_QT_PROG_SET_417_0G [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2016/12/11	06:03:00.0	XRT_CTRL_AUTO_408_0G [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	06:09:54.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	06:09:56.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	06:09:58.0	XRT_FOCUS_POSITION_410_0G [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/11	06:10:00.0	AOCS_ORe-point_Start_1_0G [0x097]			
		AOCU_NM	5	02-76	00 0a 35 ad 0f

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 4/10

2016/12/11	06:10:18.0	XRT_FLD_ENA_411_0G [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/11	06:10:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/11	06:10:22.0	XRT_AEC_RESET_448_0G [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/11	06:10:24.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/11	06:10:26.0	XRT_FLD_RESET_433_0G [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	06:12:56.0	XRT_QT_PROG_SET_438_0G [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2016/12/11	06:12:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/11	06:13:00.0	XRT_CTRL_AUTO_408_0G [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	06:55:00.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	06:55:02.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	06:55:04.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	06:55:06.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	06:58:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	07:19:30.0	XRT_Custom_430_0G [0x1ae]			
2016/12/11	07:20:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	08:34:30.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	08:34:32.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	08:34:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	08:34:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	08:37:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	08:56:00.0	XRT_Custom_430_0G [0x1ae]			
2016/12/11	08:57:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	10:15:30.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	10:15:32.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	10:15:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	10:15:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	10:18:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	10:28:00.0	XRT_Custom_430_0G [0x1ae]			
2016/12/11	10:29:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	15:38:30.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	15:38:32.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	15:38:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	15:38:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	15:41:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	16:04:54.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	16:04:56.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	16:04:58.0	XRT_FOCUS_POSITION_403_0G [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/11	16:05:00.0	AOCS_Ore-point_Start_4_0G [0x09a]			
		AOCU_NM	5	02-76	00 00 00 00 00
2016/12/11	16:05:18.0	XRT_FLD_DIS_406_0G [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2016/12/11	16:07:54.0	XRT_FLRCTRL_DIS_405_0G [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/12/11	16:07:56.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/11	16:07:58.0	XRT_QT_PROG_SET_417_0G [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2016/12/11	16:08:00.0	XRT_CTRL_AUTO_408_0G [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	16:14:54.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	16:14:56.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	16:14:58.0	XRT_FOCUS_POSITION_410_0G [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/12/11	16:15:00.0	AOCS_Ore-point_Start_1_0G [0x097]			
		AOCU_NM	5	02-76	00 0a 35 ad 0f
2016/12/11	16:15:18.0	XRT_FLD_ENA_411_0G [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 5/10

2016/12/11	16:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/11	16:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/11	16:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/11	16:15:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	16:17:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2016/12/11	16:17:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/11	16:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	17:14:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	17:14:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	17:14:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	17:14:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	17:17:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	17:38:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/11	17:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	18:51:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	18:51:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	18:51:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	18:51:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	18:54:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	19:15:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/11	19:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	20:28:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	20:28:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	20:28:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	20:28:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	20:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	20:53:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	20:53:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	20:53:04.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/12/11	20:53:24.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/12/11	20:53:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/12/11	20:53:28.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/12/11	20:53:30.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/12/11	20:53:32.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	20:56:02.0	XRT_QT_PROG_SET_420_OG [0x1a4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09
2016/12/11	20:56:04.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/12/11	20:56:06.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	22:06:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	22:06:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	22:06:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	22:06:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/11	22:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/11	22:28:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/11	22:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/11	23:43:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	23:43:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/11	23:43:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/11	23:43:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 6/10

2016/12/11	23:46:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/11	23:55:00.0	XRT_Custom_430_0G [0x1ae]							
2016/12/11	23:56:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/12	01:10:30.0	XRT_CTRL_MANU_400_0G [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	01:10:32.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	01:10:34.0	XRT_FLD_RESET_415_0G [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/12	01:10:36.0	XRT_PREFLR_STRT_414_0G [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/12	01:13:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/12	01:26:30.0	XRT_Custom_430_0G [0x1ae]							
2016/12/12	01:27:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/12	02:42:00.0	XRT_CTRL_MANU_400_0G [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	02:42:02.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	02:42:04.0	XRT_FLD_RESET_415_0G [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/12	02:42:06.0	XRT_PREFLR_STRT_414_0G [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/12	02:45:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/12	03:00:00.0	AOCs_Or-point_Start_5_0G [0x09b]							
		AOCU_NM	5	02-76	00 f4 73 55 ca				
2016/12/12	03:02:26.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	03:02:28.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	03:02:30.5	XRT_FOCUS_POSITION_410_0G [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/12/12	03:02:50.5	XRT_FLD_ENA_411_0G [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/12/12	03:02:52.5	XRT_FLRCTRL_ENA_412_0G [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/12/12	03:02:54.5	XRT_AEC_RESET_448_0G [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/12/12	03:02:56.5	XRT_ARS_DIS_423_0G [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/12	03:02:58.5	XRT_FLD_RESET_433_0G [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/12	03:05:28.5	XRT_QT_PROG_SET_425_0G [0x1a9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01				
2016/12/12	03:05:30.5	XRT_FL_PROG_SET_436_0G [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/12/12	03:05:32.5	XRT_CTRL_AUTO_408_0G [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/12	04:10:30.0	XRT_CTRL_MANU_400_0G [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	04:10:32.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	04:10:34.0	XRT_FLD_RESET_415_0G [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/12	04:10:36.0	XRT_PREFLR_STRT_414_0G [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/12	04:13:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/12	04:40:00.0	XRT_Custom_430_0G [0x1ae]							
2016/12/12	04:41:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/12	05:51:00.0	XRT_CTRL_MANU_400_0G [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	05:51:02.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	05:51:04.0	XRT_FLD_RESET_415_0G [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/12/12	05:51:06.0	XRT_PREFLR_STRT_414_0G [0x19e]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/12/12	05:54:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/12/12	06:17:30.0	XRT_Custom_430_0G [0x1ae]							
2016/12/12	06:18:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/12/12	06:26:54.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	06:26:56.0	XRT_CTRL_MANU_402_0G [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/12/12	06:26:58.0	XRT_FOCUS_POSITION_403_0G [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/12/12	06:27:00.0	AOCs_Or-point_Start_4_0G [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/12/12	06:27:18.0	XRT_FLD_DIS_406_0G [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/12/12	06:29:54.0	XRT_FLRCTRL_DIS_405_0G [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/12/12	06:29:56.0	XRT_ARS_DIS_423_0G [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/12/12	06:29:58.0	XRT_QT_PROG_SET_417_0G [0x1a1]							

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 7/10

2016/12/12	06:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/12	06:36:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	06:36:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	06:36:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2016/12/12	06:37:00.0	AOCS_0Re-point_Start_6_OG [0x09c]					
			AOCU_NM	5	02-76	00	50 00 00 00
2016/12/12	06:37:18.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/12	06:37:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/12	06:37:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/12	06:37:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/12	06:37:26.0	XRT_FLD_RESET_433_OG [0x1b1]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/12	06:39:56.0	XRT_QT_PROG_SET_440_OG [0x1b8]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2016/12/12	06:39:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/12/12	06:40:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/12	07:31:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	07:31:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	07:31:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/12	07:31:06.0	XRT_PREFLR_STRT_414_OG [0x19e]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/12	07:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/12	07:54:30.0	XRT_Custom_430_OG [0x1ae]					
2016/12/12	07:55:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/12	09:10:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	09:10:32.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	09:10:34.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/12	09:10:36.0	XRT_PREFLR_STRT_414_OG [0x19e]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/12	09:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/12	09:30:31.0	XRT_Custom_430_OG [0x1ae]					
2016/12/12	09:31:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/12	10:53:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	10:53:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	10:53:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/12	10:53:06.0	XRT_PREFLR_STRT_414_OG [0x19e]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/12	10:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/12	10:56:30.0	XRT_Custom_430_OG [0x1ae]					
2016/12/12	10:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/12	14:39:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	14:39:02.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	14:39:04.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/12	14:39:06.0	XRT_PREFLR_STRT_414_OG [0x19e]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/12	14:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/12	14:48:30.0	XRT_Custom_430_OG [0x1ae]					
2016/12/12	14:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/12	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/12	15:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]					
			XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/12/12	16:00:00.0	AOCS_0Re-point_Start_4_OG [0x09a]					
			AOCU_NM	5	02-76	00	00 00 00 00
2016/12/12	16:00:18.0	XRT_FLD_DIS_406_OG [0x196]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/12/12	16:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/12/12	16:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 8/10

2016/12/12	16:02:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0e	
2016/12/12	16:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/12	16:10:00.0	AOCs_ORe-point_Start_5_OG [0x09b]			
		AOCU_NM	5	02-76 00 f4 73 55 ca	
2016/12/12	16:13:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	16:13:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	16:13:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/12	16:13:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2016/12/12	16:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2016/12/12	16:37:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	16:37:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	16:37:04.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00	
2016/12/12	16:37:24.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2016/12/12	16:37:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2016/12/12	16:37:28.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2016/12/12	16:37:30.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2016/12/12	16:37:32.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/12	16:40:02.0	XRT_QT_PROG_SET_425_OG [0x1a9]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 01	
2016/12/12	16:40:04.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07	
2016/12/12	16:40:06.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/12	17:49:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	17:49:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	17:49:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/12	17:49:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2016/12/12	17:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2016/12/12	18:13:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/12	18:14:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/12	19:26:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	19:26:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	19:26:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/12	19:26:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2016/12/12	19:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2016/12/12	19:49:30.0	XRT_Custom_430_OG [0x1ae]			
2016/12/12	19:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/12	21:03:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	21:03:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	21:03:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/12	21:03:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2016/12/12	21:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2016/12/12	21:27:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/12	21:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/12	22:41:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	22:41:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/12	22:41:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2016/12/12	22:41:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2016/12/12	22:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2016/12/12	23:02:00.0	XRT_Custom_430_OG [0x1ae]			
2016/12/12	23:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2016/12/13	00:18:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2016/12/13	00:18:02.0	XRT_CTRL_MANU_402_OG [0x192]			

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 9/10

2016/12/13	00:18:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	00:18:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	00:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/13	00:26:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/13	00:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	01:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	01:42:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	01:42:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	01:42:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/13	01:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/13	02:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	02:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	03:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	03:17:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	03:17:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	03:17:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/13	03:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/13	03:37:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	03:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	04:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	04:46:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	04:46:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	04:46:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/12/13	04:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/12/13	05:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	05:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	05:58:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	05:58:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	05:58:58.0	XRT_FOCUS_RECALIBRATE_416_OG [0x1a0]	XRT_FOCUS_RECAL	2	07-F8	78 00	
2016/12/13	05:59:00.0	AOCs_Re-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00	
2016/12/13	06:02:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/12/13	06:03:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/12/13	06:05:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/12/13	06:05:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/13	06:05:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e	
2016/12/13	06:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/12/13	06:08:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	06:08:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/12/13	06:08:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/12/13	06:09:00.0	AOCs_Re-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 f4 73 55 ca	
2016/12/13	06:09:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/12/13	06:09:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/12/13	06:09:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/12/13	06:09:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/12/13	06:09:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/12/13	06:11:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2016/12/13	06:11:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/12/13	06:12:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	

Dec 10, 16 12:51

XRT_OGLIST_0374.chk

Page 10/10

2016/12/13	06:27:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	06:27:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	06:27:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	06:27:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	06:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	06:52:30.0	XRT_Custom_430_OG [0x1ae]			
2016/12/13	06:53:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	08:07:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	08:07:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	08:07:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	08:07:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	08:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	08:29:30.0	XRT_Custom_430_OG [0x1ae]			
2016/12/13	08:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/12/13	09:47:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	09:47:00.5	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	09:47:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/12/13	09:47:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/12/13	09:47:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/12/13	09:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/12/13	10:39:00.0	AOCS_ORe-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 00 00 00 00 00