

XRT Timeline to be uploaded on 2017/01/19

Period: 2017/01/19 11:17:00 - 2017/01/24 10:28:00

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Normal mode

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XOB #1B18: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

Term	Pointing (x, y)	Comment
01/19 11:30:00 - 01/19 13:55:54	Track (21.3, 192.0) @ 01/19 11:27:00	# OP start + 10min, HOP331 on AR12626
01/20 09:40:30 - 01/20 14:37:24	Track (228.1, 191.0) @ 01/20 09:37:30	HOP331 on AR12626
PROG= 08 Inf.-time(s)		
Subr= 1	1-time(s) 2.0sec	
Seqn= 56	1-time(s) 2.0sec	
Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec	
Open/G-band	Open/G-band close Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec	
Subr= 2	5-time(s) 2.0sec	
Seqn= 75	1-time(s) 2.0sec	
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec	
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec	
Seqn= 50	4-time(s) 90.0sec	
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 25.0sec	
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 1 25.0sec	
Al-poly/Open	thin-Be/Open close Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 1 2 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1AF6: CME watch - 4x4 - AEC 2/3 - Be-thin (Be-Med) - Long/Short Pairs - 180s cad

Term	Pointing (x, y)	Comment
01/19 13:59:00 - 01/19 14:17:24	Fixed (-22.0, -978.0)	HOP79 1/20
01/19 14:20:30 - 01/19 14:38:24	Fixed (-22.0, -878.0)	2/20
01/19 14:41:30 - 01/19 14:59:24	Fixed (-22.0, -778.0)	3/20
01/19 15:02:30 - 01/19 15:20:24	Fixed (-22.0, -678.0)	4/20
01/19 15:23:30 - 01/19 15:45:30	Fixed (-22.0, -578.0)	5/20
01/19 16:13:00 - 01/19 16:30:54	Fixed (-22.0, -478.0)	6/20
01/19 16:34:00 - 01/19 16:51:54	Fixed (-22.0, -378.0)	7/20
01/19 16:55:00 - 01/19 17:22:00	Fixed (-22.0, -278.0)	8/20
01/19 17:49:30 - 01/19 18:07:24	Fixed (-22.0, -178.0)	9/20
01/19 18:10:30 - 01/19 18:28:24	Fixed (-22.0, -78.0)	10/20
01/19 18:41:30 - 01/19 18:59:00	Fixed (-22.0, 12.0)	11/20 and synoptic
01/19 19:26:00 - 01/19 19:43:54	Fixed (-22.0, 112.0)	12/20
01/19 19:47:00 - 01/19 20:04:54	Fixed (-22.0, 212.0)	13/20
01/19 20:08:00 - 01/19 20:36:00	Fixed (-22.0, 312.0)	14/20
01/19 21:03:30 - 01/19 21:21:24	Fixed (-22.0, 412.0)	15/20
01/19 21:24:30 - 01/19 21:42:24	Fixed (-22.0, 512.0)	16/20
01/19 21:45:30 - 01/19 22:13:30	Fixed (-22.0, 612.0)	17/20
01/19 22:39:30 - 01/19 22:57:24	Fixed (-22.0, 712.0)	18/20
01/19 23:00:30 - 01/19 23:18:24	Fixed (-22.0, 812.0)	19/20
01/19 23:21:30 - 01/19 23:39:54	Fixed (-22.0, 912.0)	20/20

PROG= 10 Inf.-time(s)		
Subr= 1	20-time(s) 180.0sec	
Seqn= 81	1-time(s) 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 1.41s Obs 4x4 2048x2048 (1024, 1024) Q=98 2 0 2.0sec	
thin-Be/Open	med-Be/Open close Safe Norm 1.00s Obs 4x4 2048x2048 (1024, 1024) Q=98 3 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1B64: Synoptic Q95 2x2 - Al/mesh(64/512/2048) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(45/512/4096) + Ti

Term	Pointing (x, y)	Comment
01/19 18:31:30 - 01/19 18:38:24	Fixed (-22.0, 12.0)	11/20 and synoptic
01/20 04:53:00 - 01/20 04:59:54	Fixed (0.0, 0.0)	synoptic, shifted manually
01/20 18:23:30 - 01/20 18:30:24	Fixed (0.0, 0.0)	synoptic, shifted 20.5 min
01/21 07:03:00 - 01/21 07:09:54	Fixed (0.0, 0.0)	synoptic, shifted manually

PROG= 06 1-time(s)		
Subr= 1	1-time(s) 2.0sec	
Seqn= 5	1-time(s) 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024) Q=98 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 8x8 2048x2048 (1024, 1024) Q=98 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 2048x512 (1024, 1024) DPCM 0 0 2.0sec	
Open/Ti-poly	Open/thick-Al close Safe Dark 500ms Obs 1x1 512x2048 (1024, 1024) DPCM 0 0 2.0sec	
Seqn= 27	1-time(s) 2.0sec	
Open/Al-mesh	Open/Al-mesh close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Open/Al-mesh	Open/Al-mesh close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Open/Al-mesh	Open/Al-mesh close Safe Norm 2.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	

XOB #1B46: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (3ms/3ms)

XOB #1B56: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (2x2,1ms) - Leak (2x2,1ms) - 360s cad (G-band/Leak first)

XOB #1A13: CME watch - 4x4 - AEC 2/3 - Be-thin (Be-Med) - Long/Short Pairs - 120s cad

XOB #1B02: 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
01/20 18:33:30 - 01/21 00:25:30	Track (308.5, 189.5) @ 01/20 18:30:30	# AR12626 obs
01/21 00:34:30 - 01/21 01:49:30	Track (357.8, 173.7) @ 01/21 00:30:00	SOT penumbra obs
01/21 07:13:00 - 01/21 09:55:00	Track (418.9, 186.2) @ 01/21 07:10:00	# AR12626 obs
PROG= 04 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-AI	close Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
Subr= 2	5-time(s)	2.0sec
Seqn= 75	1-time(s)	2.0sec

Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
Seqn= 79 4-time(s) 120.0sec												
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	34.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	1	34.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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XOB #1AE7: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

Term	Pointing (x, y)	Comment
01/19 11:30:00 - 01/19 13:55:54	Track (21.3, 192.0) @ 01/19 11:27:00	# OP start + 10min, HOP331 on AR12626
01/19 13:59:00 - 01/19 14:17:24	Fixed (-22.0, -978.0)	HOP79 1/20
01/19 14:20:30 - 01/19 14:38:24	Fixed (-22.0, -878.0)	2/20
01/19 14:41:30 - 01/19 14:59:24	Fixed (-22.0, -778.0)	3/20
01/19 15:02:30 - 01/19 15:20:24	Fixed (-22.0, -678.0)	4/20
01/19 15:23:30 - 01/19 15:45:30	Fixed (-22.0, -578.0)	5/20
01/19 16:13:00 - 01/19 16:30:54	Fixed (-22.0, -478.0)	6/20
01/19 16:34:00 - 01/19 16:51:54	Fixed (-22.0, -378.0)	7/20
01/19 16:55:00 - 01/19 17:22:00	Fixed (-22.0, -278.0)	8/20
01/19 17:49:30 - 01/19 18:07:24	Fixed (-22.0, -178.0)	9/20
01/19 18:10:30 - 01/19 18:28:24	Fixed (-22.0, -78.0)	10/20
01/19 18:41:30 - 01/19 18:59:00	Fixed (-22.0, 12.0)	11/20 and synoptic
01/19 19:26:00 - 01/19 19:43:54	Fixed (-22.0, 112.0)	12/20
01/19 19:47:00 - 01/19 20:04:54	Fixed (-22.0, 212.0)	13/20
01/19 20:08:00 - 01/19 20:36:00	Fixed (-22.0, 312.0)	14/20
01/19 21:03:30 - 01/19 21:21:24	Fixed (-22.0, 412.0)	15/20
01/19 21:24:30 - 01/19 21:42:24	Fixed (-22.0, 512.0)	16/20
01/19 21:45:30 - 01/19 22:13:30	Fixed (-22.0, 612.0)	17/20
01/19 22:39:30 - 01/19 22:57:24	Fixed (-22.0, 712.0)	18/20
01/19 23:00:30 - 01/19 23:18:24	Fixed (-22.0, 812.0)	19/20
01/19 23:21:30 - 01/19 23:39:54	Fixed (-22.0, 912.0)	20/20
01/19 23:43:00 - 01/20 04:49:54	Track (136.0, 192.0) @ 01/19 23:40:00	HOP306 on AR12626
01/20 05:03:00 - 01/20 09:18:30	Track (-63.2, -372.7) @ 01/20 05:00:00	# QS NW
01/20 09:40:30 - 01/20 14:37:24	Track (228.1, 191.0) @ 01/20 09:37:30	HOP331 on AR12626
01/20 14:40:30 - 01/20 17:57:00	Track (14.6, -372.0) @ 01/20 14:37:30	EIS sensibility monitoring
01/20 18:33:30 - 01/21 00:25:30	Track (308.5, 189.5) @ 01/20 18:30:30	# AR12626 obs
01/21 00:34:30 - 01/21 01:49:30	Track (357.8, 173.7) @ 01/21 00:30:00	SOT penumbra obs
01/21 02:09:30 - 01/21 06:35:00	Track (106.4, -371.8) @ 01/21 02:00:00	QS NW obs
01/21 07:13:00 - 01/21 09:55:00	Track (418.9, 186.2) @ 01/21 07:10:00	# AR12626 obs

PROG= 07 30-time(s)

Subr= 1 20-time(s) 2.0sec												
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn=100 1-time(s) 10.0sec												
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Subr= 2 1-time(s) 2.0sec												
Seqn= 10 1-time(s) 2.0sec												
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Seqn= 11 1-time(s) 2.0sec												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
Seqn= 84 1-time(s) 2.0sec												
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Active Region Search

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NOT USED

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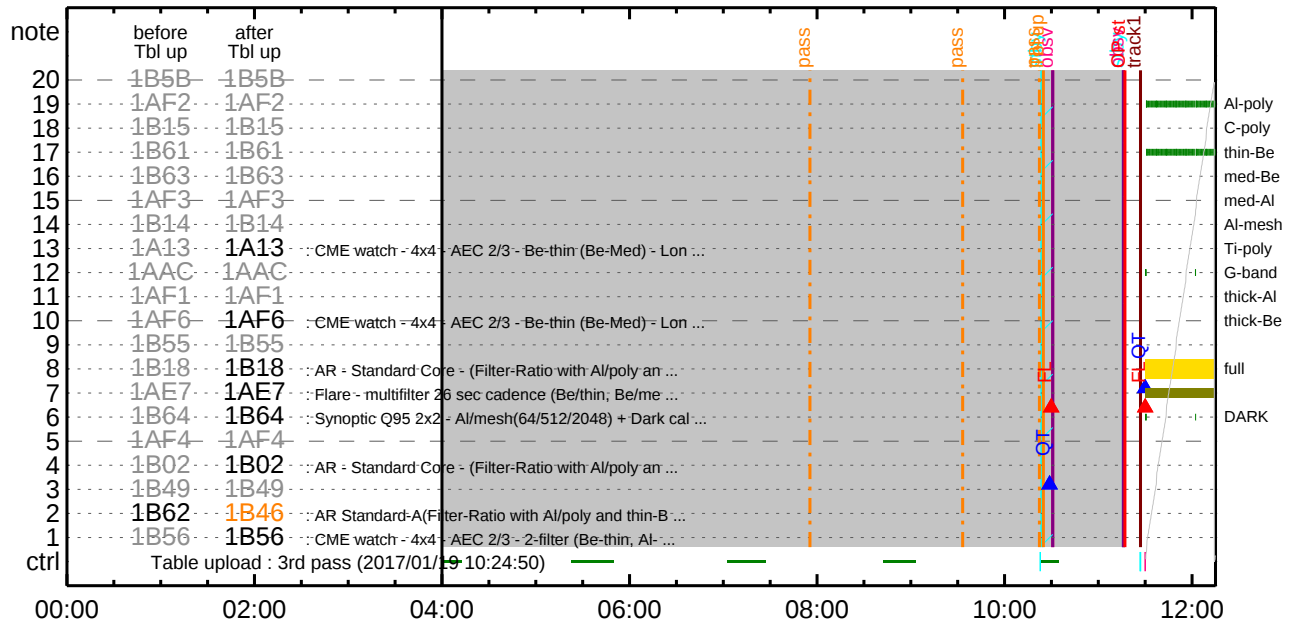
Flare Detection

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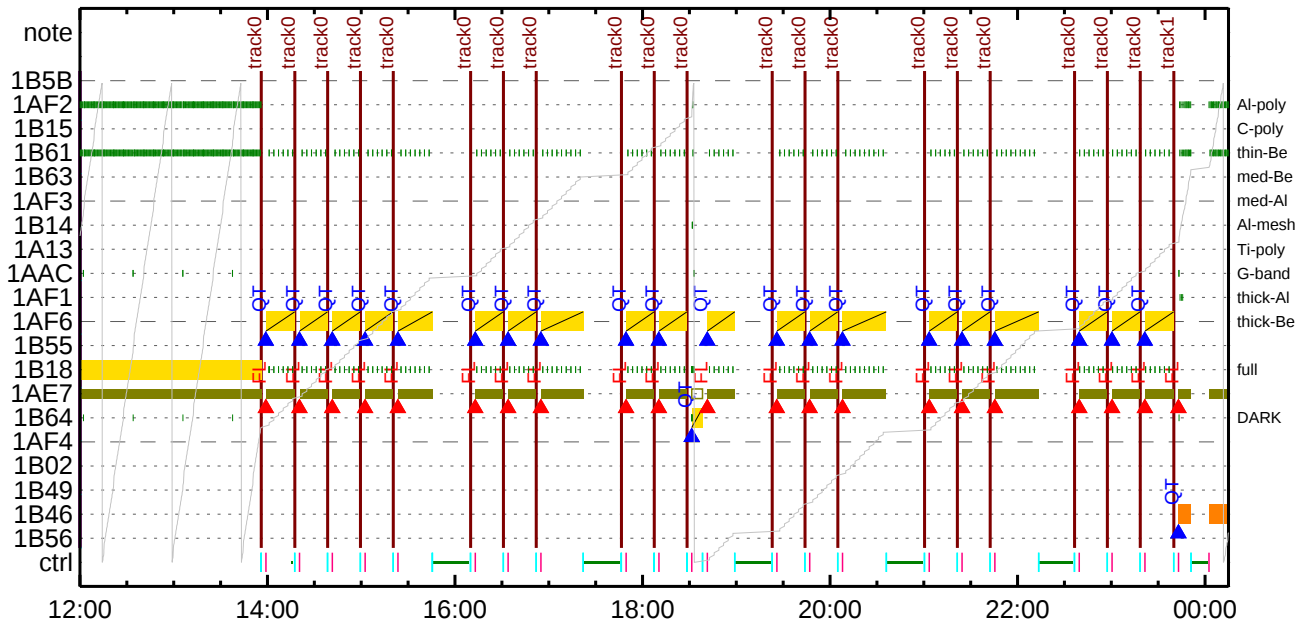
FLD Patrol			
Term	Pointing (x, y)		Comment
01/19 18:38:48 - 01/20 04:50:18	Fixed (-22.0, 12.0)		11/20 and synoptic
01/20 05:00:18 - 01/20 18:20:48	Track (-63.2, -372.7)	@ 01/20 05:00:00	# QS NW
01/20 18:30:48 - 01/21 07:00:18	Track (308.5, 189.5)	@ 01/20 18:30:30	# AR12626 obs

01/21 07:10:18 - 01/24 10:28:00 Track (418.9, 186.2) @ 01/21 07:10:00 # AR12626 obs											
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

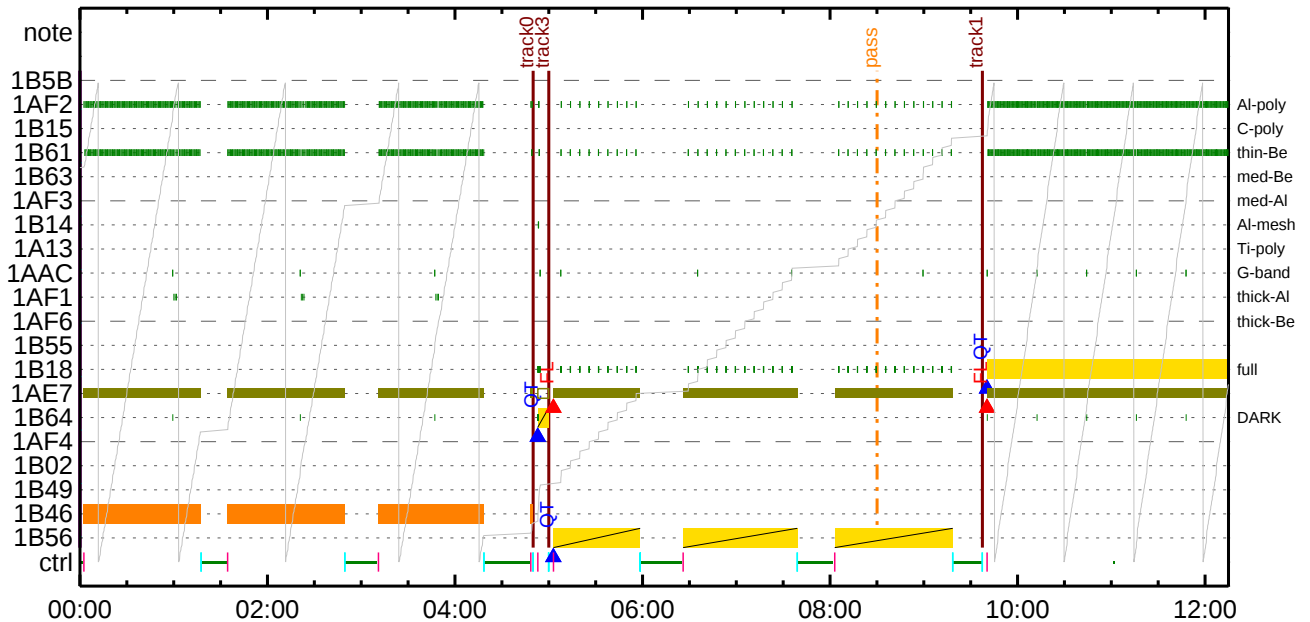
CMDI #0490 2017/01/19



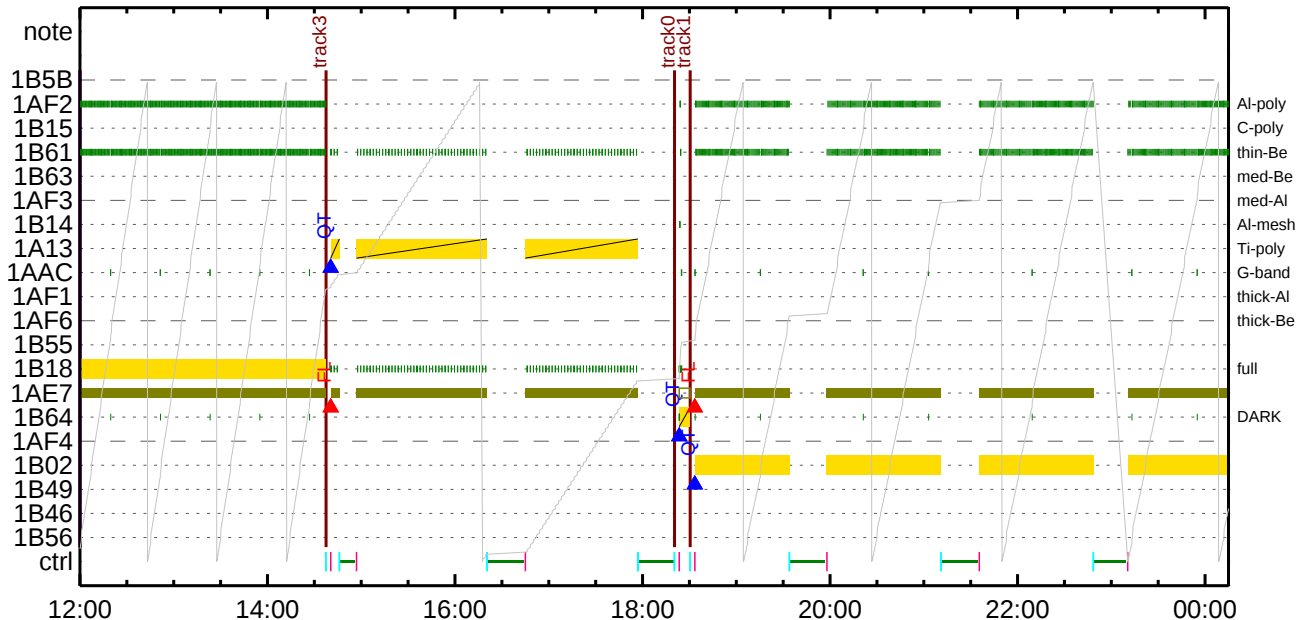
CMDI #0490 2017/01/19



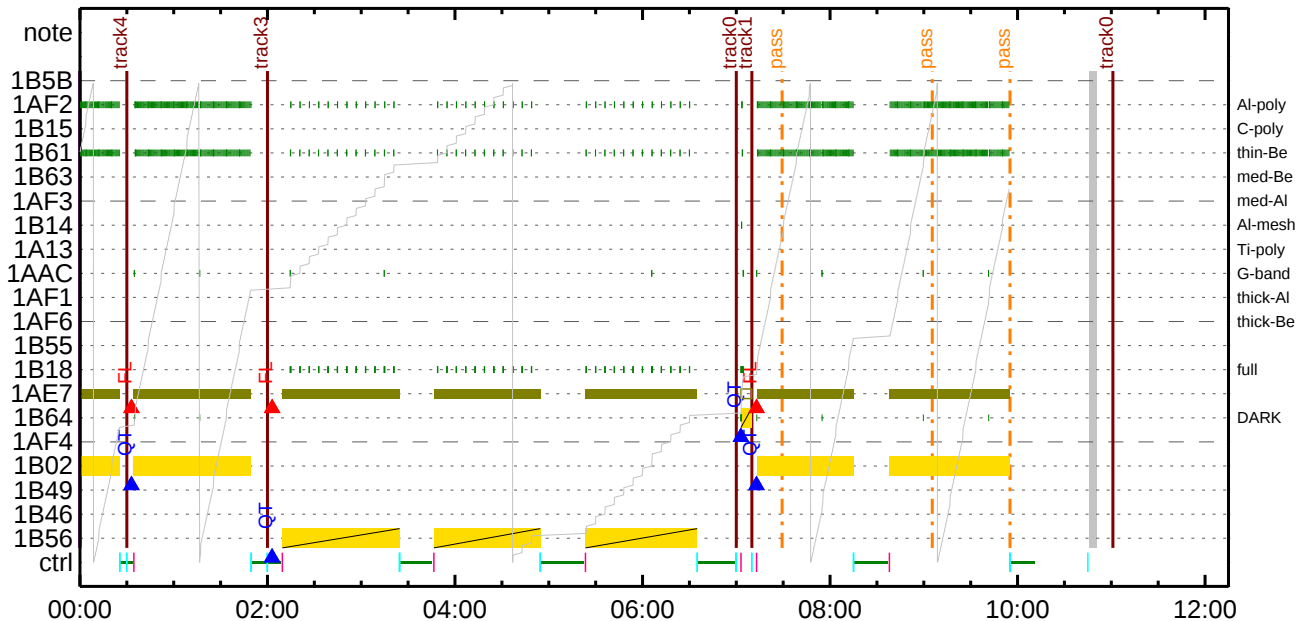
CMDI #0490 2017/01/20



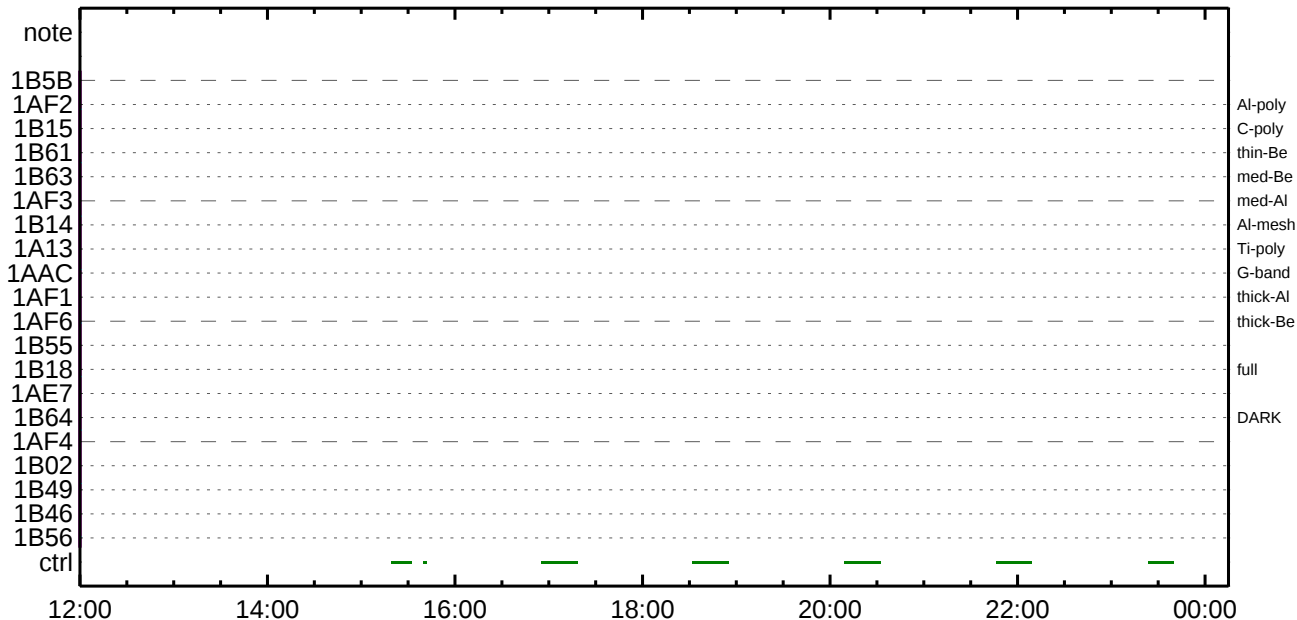
CMDI #0490 2017/01/20



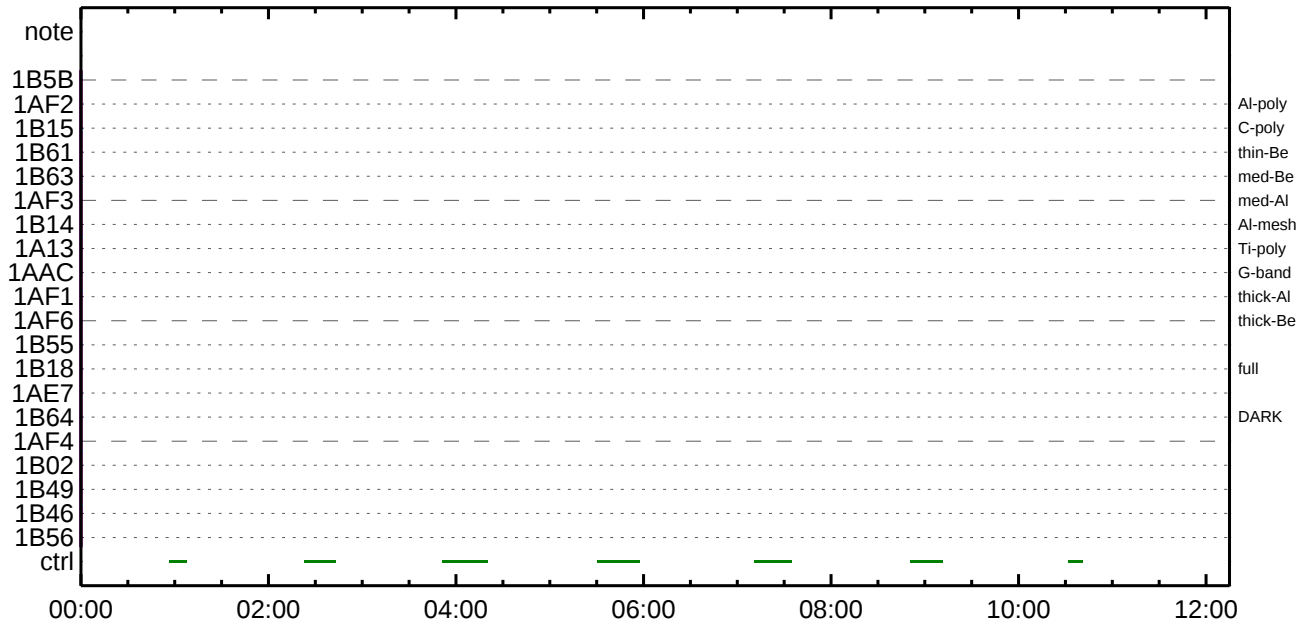
CMDI #0490 2017/01/21



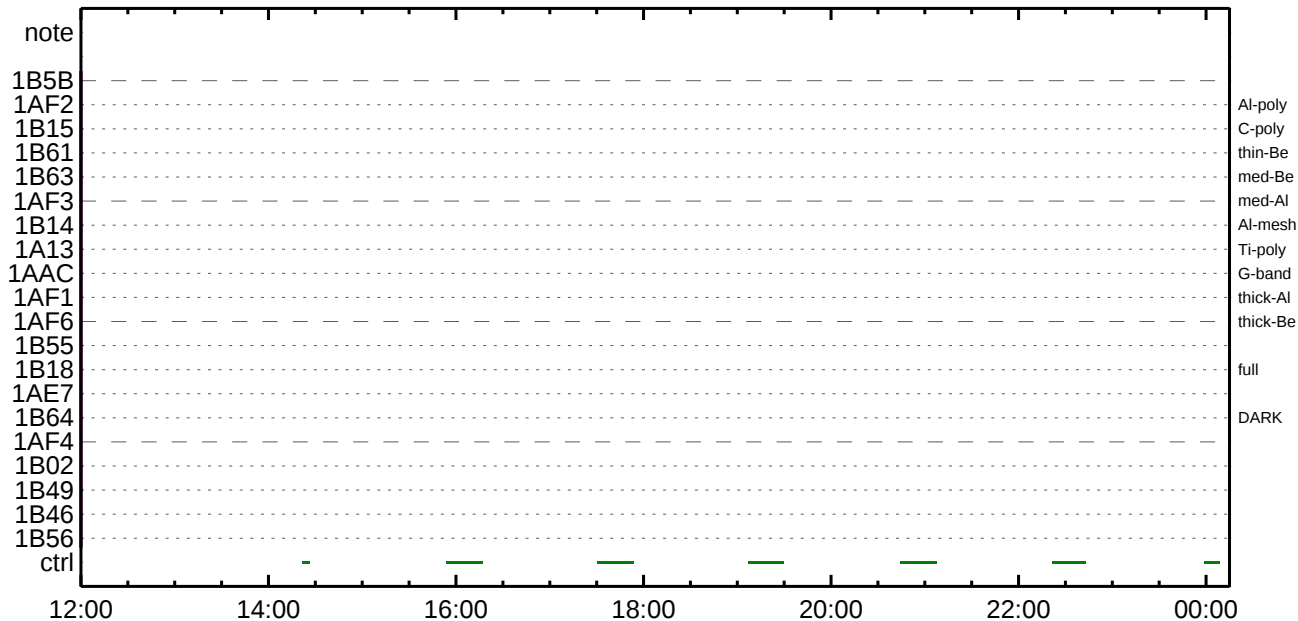
CMDI #0490 2017/01/21



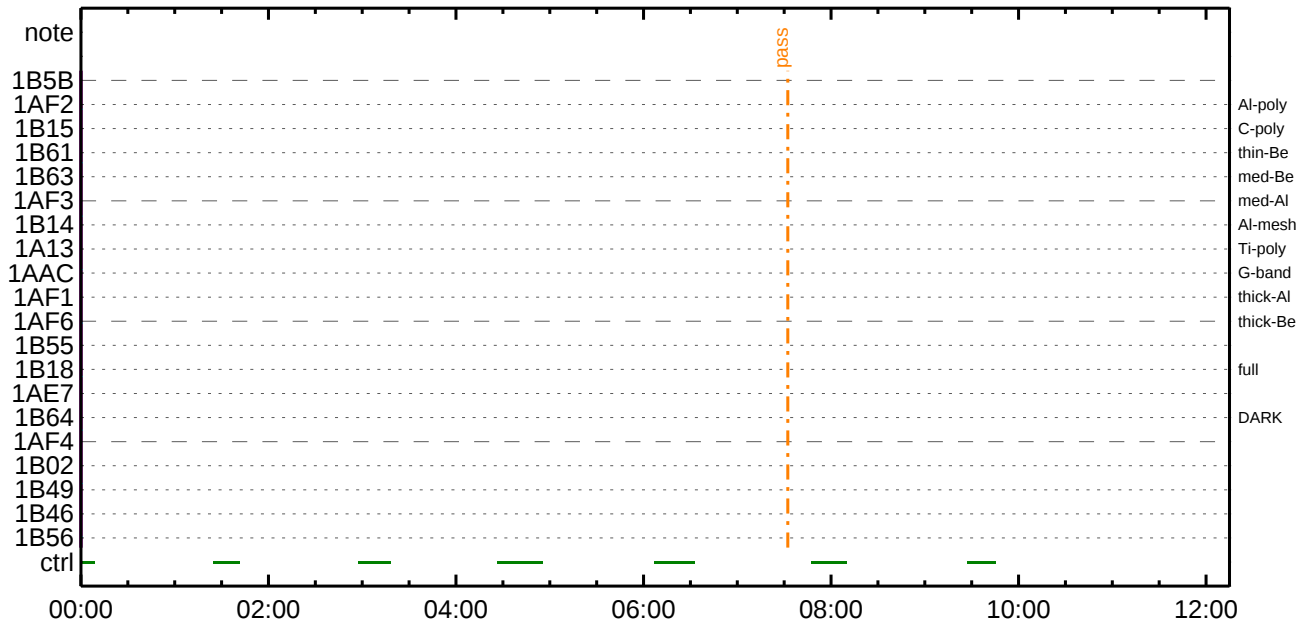
CMDI #0490 2017/01/22



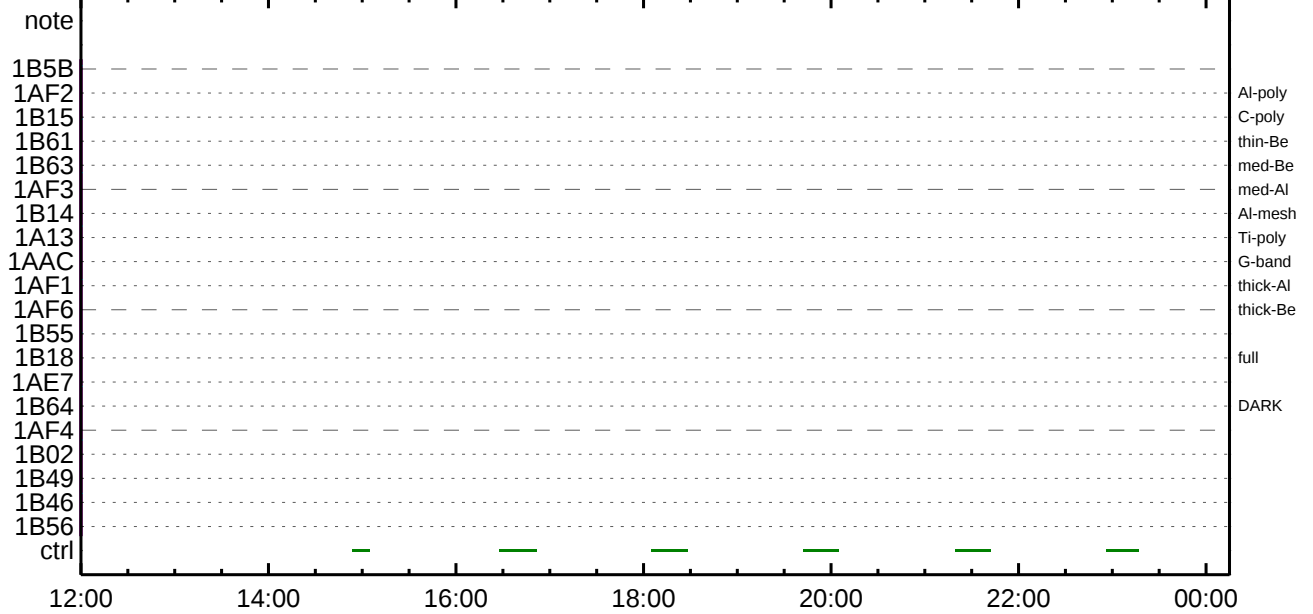
CMDI #0490 2017/01/22



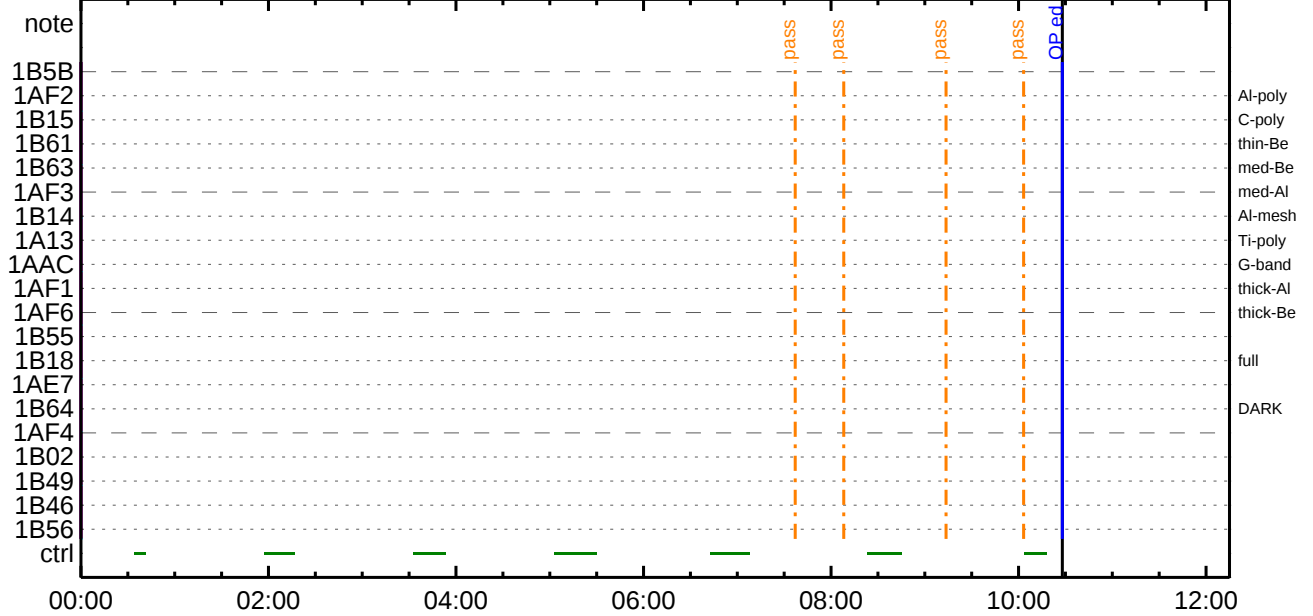
CMDI #0490 2017/01/23



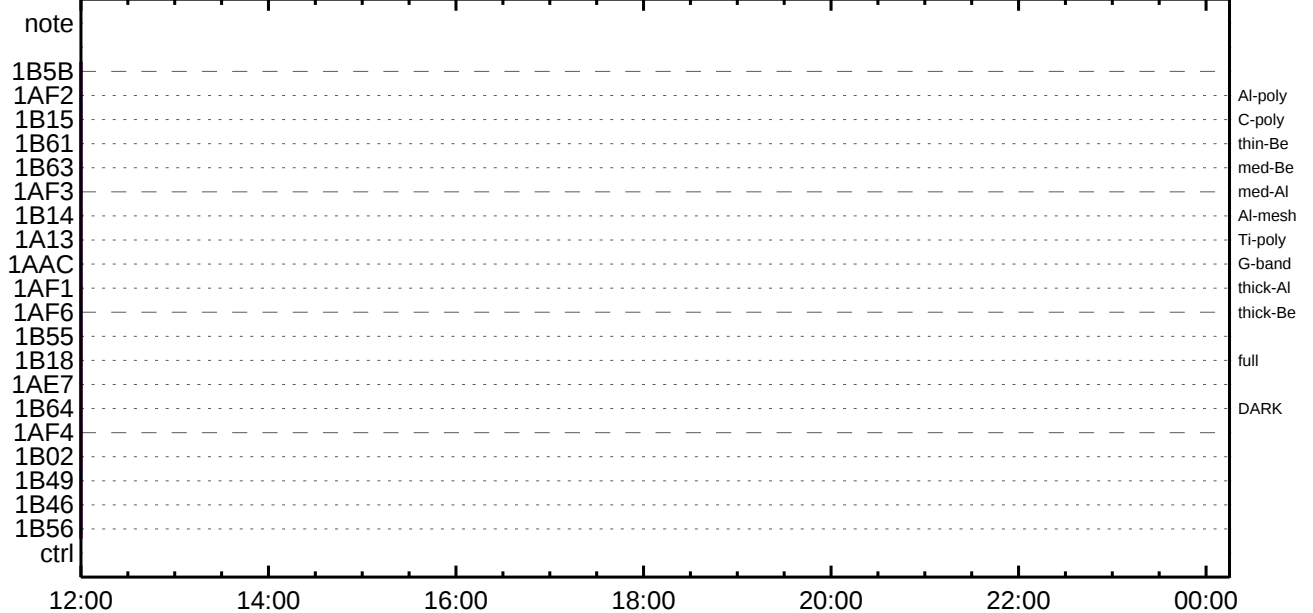
CMDI #0490 2017/01/23



CMDI #0490 2017/01/24



CMDI #0490 2017/01/24



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main-371 2017-01-19 13:16:44 289 33 SOLAR-B MAIN /\n0001 C.\n0002 . C. ***** AOS *****\n0003 C.\n0004 . C. jãAOS¥Á¥$¥Ã¥¬¼Ä»Üjã\n0005 C.\n0006 C. ¥Ã¥ßj;¼¥³¥D¥Ó¥ÉÄ÷¿®\n0007 +. DC 00-00 NULL_DUMMY_CMD\n0008 C.\n0009 . C. ***** AOCS : Reload orbital element (send every contact) *****\n0010 C. ÄijË²¿À²•µ°Æ»Î×Å²¿IÇ²IÇ¥Ã¥×¥i;¼¥Ê;ËËè½µ•îËË;ËòÈ¼°ÇÒ²•²¿ì¹Ç²I ÇÄ®, ù²¹²è²²²ÇÄ÷¿®²•²Ë²²²³²È;j£\n0011 +. DC 02-8E AOCU_ORB_UPD\n0012 C.\n0013 C.\n0014 . C. *****\n0015 C. XÄ÷¿®µjON\n0016 C. *****\n0017 C. ¨ °ÆÄ, Î×ÊÝ²àLOS²²²Ç²I»þ´Ö²ð¹îî, ²•jÇËÔÎ×²EXÄÕON²î¹Ö²è²i²Ë²²²³²È;j£\n0018 C.\n0019 +. DC 03-B4 TCIA_XPA_ON/HI\n0020 M. WAIT_SEC 1\n0021 + DC 03-84 TCIA_XMOD_ON\n0022 M. WAIT_SEC 1\n0023 + DC 03-95 TCIA_XMOD_QPSK\n0024 C. ÇÇ[HK1_XPA_ON/OFF] EQ ON\n0025 C. ÇÇ[HK1_XPA_PWR_HI/L0] EQ HI\n0026 C. ÇÇ[HK1_XMOD_ON/OFF] EQ ON\n0027 C. ÇÇ[HK1_XMOD_QPSK/PM] EQ QPSK\n0028 C.\n0029 C. X¥Ð¥Ó¥É¥i¥Ã¥¬¼ÖÄÕ²¬¼Äê²•²¿²è;j Ç°Ê²¼²²î°ÆÄ, ¼è½Ç²ð¼Ä¹Ö²¹²è;j£\n0030 C.\n0031 . C. *****\n0032 C. DR PT1 Äî¾î°ÆÄ,\n0033 C. *****\n0034 C. ¨ RESTARTjËPT1jË²•²¿²²ì¹Ç²IjÇ°Ê²¼²î¼Ä¹Ö²»²ºjÇDCBC-150²Ø¿Ë²à;j£\n0035 C.\n0036 . C. jãPT1°ÆÄ, ³«»îjã\n0037 +. DC 01-29 DHU_S/X_VC4_OFF\n0038 + DC 06-C8 DR_PT1_REP_SEL\n0039 BC (01_00)\n0040 + DC 06-B3 DR_REP_START\n0041 + DC 01-32 DHU_X_VC4_ON\n0042 C. ÇÇ[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö, i¾Ú)\n0043 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, i¾Ú)\n0044 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, i¾Ú)\n0045 C.\n0046 . C. jã¥Ç¥Ó¥Æ¥ÉÄÜÄØjËÄ•Ä²óÈÖjË, ä²î°ÆÄ, °Æ³«jã\n0047 +. DC 06-B3 DR_REP_START\n0048 + DC 01-32 DHU_X_VC4_ON\n0049 C. ÇÇ[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ö, i¾Ú)\n0050 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, i¾Ú)\n0051 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, i¾Ú)\n0052 C.\n0053 C.\n0054 . C. PT1°ÆÄ, ²¬¼«Æ°Ää»ß²•²¿, äjÇ°Ê²¼²ð¼Ä¹Ö²¹²è;j£\n0055 C. ¥Ç¥Ó¥Æ¥ÉÄÜÄØ²ääÄ•Ä²óÈÖ²¬¼á²²ì¹Ç²I´î»²¹²è²²²ÇÂÖ²Äj£\n0056 C.\n0057 . C. *****\n0058 C. DR PT2 Äî¾î°ÆÄ,\n0059 C. *****\n0060 C. ¨ RESTARTjËPT2jË²•²¿²²ì¹Ç²IjÇ°Ê²¼²î¼Ä¹Ö²»²ºjÇDCBC-151²Ø¿Ë²à;j£\n0061 C.\n0062 . C. jãPT2°ÆÄ, ³«»îjã\n0063 +. DC 01-29 DHU_S/X_VC4_OFF\n0064 + DC 06-C8 DR_PT2_REP_SEL\n0065 BC (02_00)\n0066 + DC 06-B3 DR_REP_START\n0067 + DC 01-32 DHU_X_VC4_ON\n0068 C. ÇÇ[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö, i¾Ú)\n0069 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, i¾Ú)\n0070 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, i¾Ú)\n0071 C.\n0072 . C. jã¥Ç¥Ó¥Æ¥ÉÄÜÄØjËÄ•Ä²óÈÖjË, ä²î°ÆÄ, °Æ³«jã\n0073 +. DC 06-B3 DR_REP_START\n0074 + DC 01-32 DHU_X_VC4_ON\n0075 C. ÇÇ[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ö, i¾Ú)\n0076 C. ÇÇ[HK1_REP_STA/STP] EQ START (¼Ä¹Ö, i¾Ú)\n0077 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ö, i¾Ú)\n0078 C.\n0079 . C. *****\n0080 C. DR°ÆÄ, Ää»ßjÇXÄ÷¿®µjOFF\n0081 C. *****\n0082 C.\n0083 . C. jãDR°ÆÄ, Ää»ßjã\n0084 +. DC 06-B4 DR_REP_STOP\n0085 + DC 01-29 DHU_S/X_VC4_OFF\n0086 C. ÇÇ[HK1_REP_STA/STP] EQ STOP\n0087 C. ÇÇ[HK1_S_VC4_ON/OFF] EQ OFF\n0088 C. ÇÇ[HK1_X_VC4_ON/OFF] EQ OFF\n0089 C.\n0090 . C. jãXÄ÷¿®µjOFFjã\n0091 +. DC 03-85 TCIA_XMOD_OFF\n0092 M. WAIT_SEC 1\n0093 + DC 03-B5 TCIA_XPA_OFF\n0094 C. ÇÇ[HK1_XMOD_ON/OFF] EQ OFF\n0095 C. ÇÇ[HK1_XPA_ON/OFF] EQ OFF
```

[illegible]

```

0194 C.
0195 +. TI 2017-01-19 11:16:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.
0198 C.
0199 C.
0200 C.
0201 C.
0202 C.
0203 C.
0204 C.
0205 C.
0206 C.
0207 C.
0208 C.
0209 C.
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC (03 ab 03 01 02)
0212 C.
0213 C.
0214 C.
0215 C.
0216 C.
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC (07 0b f8)
0219 C.
0220 C.
0221 C.
0222 C.
0223 C.
0224 C.
0225 C.
0226 C.
0227 C.
0228 C.
0229 C.
0230 C.
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC (02 0a f8)
0233 C.
0234 C.
0235 C.
0236 C.
0237 C.
0238 C.
0239 C.
0240 C.
0241 C.
0242 +. TI 2017-01-19 11:16:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC (41)
0245 C.
0246 C.
0247 C.
0248 C.
0249 C.
0250 C.
0251 C.
0252 +. TI 2017-01-19 11:16:00.0
0253 DC 07-F0 MDP_XRT_MODE_STBY
0254 BC (c3)
0255 C.
0256 C.
0257 C.
0258 C.
0259 C.
0260 C.
0261 C.
0262 C.
0263 C.
0264 +. TI 2017-01-19 11:16:30.0
0265 DC 07-FC EIS_MODE_MANU
0266 BC (21 02)
0267 +. TI 2017-01-19 11:16:40.0
0268 DC 07-FC EIS_MODE_CHG_DIS
0269 BC (22)
0270 C.
0271 C.
0272 C.
0273 C.
0274 C.
0275 C.
0276 C.
0277 S.
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C.
0282 S.
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C.
0287 C.
0288 C.
0289 C.

```

```
main-372 2017-01-19 13:16:44 169 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOS¥Á¥$¥Ã¥¬¼Ä»Ü;ä
0005 C.
0006 C. ¥Å¥ßj;¼¥³¥Ð¥Ó¥ÉÄ÷¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. ÄíjË¿ðÀ«•µ°Æ»Î×ÁC«Í¥¢¥Ã¥×¥îj¼¥ÊjËËè½µ•îÊjËÈ¼°ÇÒ«•«¿ì¹Ç«ÍjÇÄ®, ù«¹«ë«þ«ÇÄ÷¿®«•«Ê«««³«Êj£
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. XÄ÷¿®µjON
0016 C. *****
0017 C. ¢´ °ÆÄ, Î×ÊÝ«àLOS«þ«Ç«Í»Þ´Ö«ò¹ÎÎ, «•j¢ÊÖÎ×«EXÄÓON«Í´Ô«ê±«Ê«««³«Êj£
0018 C.
0019 +. DC 03-B4 TCIA_XPA_ON/HI
0020 M. WAIT_SEC 1
0021 + DC 03-84 TCIA_XMOD_ON
0022 M. WAIT_SEC 1
0023 + DC 03-95 TCIA_XMOD_QPSK
0024 C. ¢¢[HK1_XPA_ON/OFF] EQ ON
0025 C. ¢¢[HK1_XPA_PWR_HI/L0] EQ HI
0026 C. ¢¢[HK1_XMOD_ON/OFF] EQ ON
0027 C. ¢¢[HK1_XMOD_QPSK/PM] EQ QPSK
0028 C.
0029 C. X¥Ð¥Ó¥É¥î¥Ã¥¬¾ÖÄÕ«¬°ÄÄê«•«¿«éj¢°Ê²¼«Í°ÆÄ, ¼ê½Ç«ò¾Ä¹Ô«¹«êj£
0030 C.
0031 . C. *****
0032 C. DR PT1 ÄÌ¾î°ÆÄ
0033 C. *****
0034 C. ¢´ RESTARTjËPT1jË«•«¿««³ì¹Ç«Íj¢°Ê²¼«Í¼Ä¹Ô«»«ºj¢DCBC-150«Ø¿Ê«àj£
0035 C.
0036 . C. ;ãPT1°ÆÄ, ³«»Îj;ä
0037 +. DC 01-29 DHU_S/X_VC4_OFF
0038 + DC 06-C8 DR_PT1_REP_SEL
0039 BC (01_00)
0040 + DC 06-B3 DR_REP_START
0041 + DC 01-32 DHU_X_VC4_ON
0042 C. ¢¢[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ô, j¾Ú)
0043 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, j¾Ú)
0044 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, j¾Ú)
0045 C.
0046 . C. ;ã¥¢¥ó¥Æ¥ÉÄÚÄØjËÄ•Ä²óÊöjË, ä«Í°ÆÄ, °Æ³«j;ä
0047 +. DC 06-B3 DR_REP_START
0048 + DC 01-32 DHU_X_VC4_ON
0049 C. ¢¢[HK1_REP_PT_1/2] EQ PT1 (¼Ä¹Ô, j¾Ú)
0050 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, j¾Ú)
0051 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, j¾Ú)
0052 C.
0053 C.
0054 . C. PT1°ÆÄ, «¬¼«Æ°Ää»ß«•«¿, äj¢°Ê²¼«ò¾Ä¹Ô«¹«êj£
0055 C. ¥¢¥ó¥Æ¥ÉÄÚÄØ«äÄ•Ä²óÊö«¬¾á««³ì¹Ç«Í´Î»«¹«ë«þ«ÇÄÔ«àj£
0056 C.
0057 . C. *****
0058 C. DR PT2 ÄÌ¾î°ÆÄ
0059 C. *****
0060 C. ¢´ RESTARTjËPT2jË«•«¿««³ì¹Ç«Íj¢°Ê²¼«Í¼Ä¹Ô«»«ºj¢DCBC-151«Ø¿Ê«àj£
0061 C.
0062 . C. ;ãPT2°ÆÄ, ³«»Îj;ä
0063 +. DC 01-29 DHU_S/X_VC4_OFF
0064 + DC 06-C8 DR_PT2_REP_SEL
0065 BC (02_00)
0066 + DC 06-B3 DR_REP_START
0067 + DC 01-32 DHU_X_VC4_ON
0068 C. ¢¢[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ô, j¾Ú)
0069 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, j¾Ú)
0070 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, j¾Ú)
0071 C.
0072 . C. ;ã¥¢¥ó¥Æ¥ÉÄÚÄØjËÄ•Ä²óÊöjË, ä«Í°ÆÄ, °Æ³«j;ä
0073 +. DC 06-B3 DR_REP_START
0074 + DC 01-32 DHU_X_VC4_ON
0075 C. ¢¢[HK1_REP_PT_1/2] EQ PT2 (¼Ä¹Ô, j¾Ú)
0076 C. ¢¢[HK1_REP_STA/STP] EQ START (¼Ä¹Ô, j¾Ú)
0077 C. ¢¢[HK1_X_VC4_ON/OFF] EQ ON (¼Ä¹Ô, j¾Ú)
0078 C.
0079 . C. *****
0080 C. DR°ÆÄ, Ää»ßj¢XÄ÷¿®µjOFF
0081 C. *****
0082 C.
0083 . C. ;ãDR°ÆÄ, Ää»ßj;ä
0084 +. DC 06-B4 DR_REP_STOP
0085 + DC 01-29 DHU_S/X_VC4_OFF
0086 C. ¢¢[HK1_REP_STA/STP] EQ STOP
0087 C. ¢¢[HK1_S_VC4_ON/OFF] EQ OFF
0088 C. ¢¢[HK1_X_VC4_ON/OFF] EQ OFF
0089 C.
0090 . C. ;ãXÄ÷¿®µjOFFj;ä
0091 +. DC 03-85 TCIA_XMOD_OFF
0092 M. WAIT_SEC 1
0093 + DC 03-B5TCIA_XPA_OFF
0094 C. ¢¢[HK1_XMOD_ON/OFF] EQ OFF
0095 C. ¢¢[HK1_XPA_ON/OFF] EQ OFF
```

```
0096 C.  
0097 C.  
0098 . C. ***** AOCS Commands (Tracking Curve Upload) *****  
0099 C. Upload the Orbit Element and the Target Attitude  
0100 C. RAM-ID:TARGET_ATT  
0101 . S. RAM ram-150:TARGET_ATT  
0102 ()  
0103 C.  
0104 C.  
0105 C. Set the dump memory area of TARGET_ATT  
0106 +. DC 02-48 AOCU_DUMP_SET  
0107 BC (07 00 00 00 18 00)  
0108 C.  
0109 C. <A_STS1>[MEMORY OPERATE SATUS] ADRS = 070000 [ ]  
0110 C.  
0111 C.  
0112 C. Change the TLMFormatNo for the AOCS Dump Format  
0113 +. DC 01-22 DHU_MODE_CHNG  
0114 BC (04 0b f8)  
0115 C.  
0116 C. Wait for AOCS DUMP to end  
0117 C.  
0118 . C. Check the dump memory  
0119 C.  
0120 C. Result = OK [ ]  
0121 C.  
0122 +. DC 01-22 DHU_MODE_CHNG  
0123 BC (02 0a f8)  
0124 C.  
0125 C. <A_***>[TLM STS] FMT = 2 [ ]  
0126 C.  
0127 +. DC 02-8E AOCU_ORB_UPD  
0128 . C.  
0129 . C. Load OBSTBL, dump OBSTBL, enable EIS mode changes  
0130 +. DC 07-FC EIS_MODE_CHG_ENA  
0131 BC (20)  
0132 . C. Verify EIS_MODE_CHG_FLG is ENA  
0133 +. DC 07-FC EIS_MODE_MANU  
0134 BC (21 02)  
0135 . C. Verify EIS in MANUAL mode  
0136 . C. Estimated OBSTBL upload time is 1m17s  
0137 C. *****  
0138 C. EIS START OBSTBL LOAD  
0139 C. *****  
0140 . S. RAM ram-820:EIS_OBSTBL  
0141 ()  
0142 +. DC 07-FC EIS_DUMP_OBSTBL  
0143 BC (07 07 07 00 00 70 00)  
0144 C.  
0145 C. Execute, after the success of OBSTBL upload.  
0146 C. Set EIS TI-commands  
0147 +. TI 2017-01-19 11:16:50.0  
0148 DC 07-FC EIS_MODE_CHG_ENA  
0149 BC (20)  
0150 . C. [ ] [HK1_TI_CMD_NUM] EQ 1 COUNTUP  
0151 C. *****  
0152 C. EIS END OBSTBL LOAD  
0153 C. *****  
0154 C.  
0155 . C. ***** MDP `ûÃîï»ö%ŸðĒÂĐ□¹ēDCBC•x²è *****  
0156 C. (%ã°ī¥ô¥ā¥ē¥ð¥ē¥â¥ç¥ë□ē½¼□¼Å»ū□¹æ)  
0157 . S. DC-BC dcbc-402:DCBC  
0158 (MDP_known_event)  
0159 C.  
0160 C.  
0161 . C. ***** ¥Ð¥¹•İ Daily±¿ÍÑ□Ě´Ø□¹ēDCBC•x²è *****  
0162 . S. DC-BC dcbc-153:DCBC  
0163 (SPECIAL-CMD_DAILY_OPERATIN_DCB)  
0164 C.  
0165 C.  
0166 C. ¡ăŁ$¥Á¥Š¥Ǻ¥¬¼Å»Û¡ă  
0167 C.  
0168 . C. ***** LOS *****  
0169 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-373 2017-01-19 13:16:44 130 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. iãAOS¥Á¥S¥Ã¥¼Å»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¿¿Aα•μ°£»İ×AÇ¿İ¥C¥A¥×¥İj¼¥ÉjĒĒ¿μ•İİĒjĒ¿¼°Ç¿α•¿¿İ¹Ç¿İjÇÀ®, ũα¹αĒαβαÇÁ÷¿®α•αĒααα³αĒj£
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-289: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 2017-01-19 11:16:18.0
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_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR ____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 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 80 80 20 20)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 08 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 85 83 08 08)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0f 80 80 06 06)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 10 80 80 08 08)
0088 +. DC 07-F0 MDP_XRT_FLD_ENA
0089 BC (d8)
0090 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0091 BC (c8)
0092 +. DC 07-F0 MDP_XRT_ARS_DIS
0093 BC (d5)
0094 +. DC 07-F0 MDP_XRT_AEC_RESET
0095 BC (d0)
```

```
0096 + DC 07-F0 MDP_XRT_FLD_RESET
0097 BC (da)
0098 + DC 07-F0 MDP_XRT_QT_PROG_SET
0099 BC (c4 04)
0100 + DC 07-F0 MDP_XRT_FL_PROG_SET
0101 BC (c5 07)
0102 . C. ----- Success Verify ? OK / NG ____
0103 C.
0104 C.
0105 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0106 C.
0107 +. DC 07-F0 MDP_XRT_MODE_OBSV
0108 BC (c2)
0109 +. TI 2017-01-19 11:16:02.0
0110 DC 07-F0 MDP_XRT_MODE_OBSV
0111 BC (c2)
0112 . C. ----- Success Verify ? OK / NG ____
0113 C.
0114 C. ***** XRT END *****
0115 C.
0116 . C. ***** MDP '0ÃÎ0Î»0%Ý0ÊÂ010ëDCBC•x2è *****
0117 C. (%ã°Î¥0¥Ã¥Ê¥Ð¥Ë¥Ã¥Ç¥Ê0½%00¥Ã»Û010ë)
0118 . S. DC-BC dcbc-402:DCBC
0119 (MDP_known_event)
0120 C.
0121 C.
0122 . C. ***** ¥Ð¥1•Î Daily±¿ÎÑ0Ê´0010ëDCBC•x2è *****
0123 . S. DC-BC dcbc-153:DCBC
0124 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0125 C.
0126 C.
0127 . C. ¡ãLOS¥Ã¥S¥Ã¥¬¼Ã»Û¡ã
0128 C.
0129 . C. ***** LOS *****
0130 C.
```

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XRT_OGLIST_0490.chk

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*** OP Sequence for XRT ***

2017/01/19	11:26:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	11:26:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	11:26:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]		
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00
2017/01/19	11:27:00.0	AOCS_ORe-point_Start_1_OG [0x097]		
		AOCU_NM	5	02-76 01 00 00 00 00
2017/01/19	11:27:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2017/01/19	11:27:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2017/01/19	11:27:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2017/01/19	11:27:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2017/01/19	11:27:26.0	XRT_FLD_RESET_433_OG [0x1b1]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2017/01/19	11:29:56.0	XRT_QT_PROG_SET_434_OG [0x1b2]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 08
2017/01/19	11:29:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07
2017/01/19	11:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2017/01/19	13:55:54.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	13:55:56.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	13:55:58.0	XRT_FOCUS_POSITION_403_OG [0x193]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2017/01/19	13:56:00.0	AOCS_ORe-point_Start_2_OG [0x098]		
		AOCU_NM	5	02-76 00 56 f1 01 f3
2017/01/19	13:56:18.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2017/01/19	13:56:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2017/01/19	13:56:22.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2017/01/19	13:56:24.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2017/01/19	13:56:26.0	XRT_FLD_RESET_433_OG [0x1b1]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2017/01/19	13:58:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0a
2017/01/19	13:58:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07
2017/01/19	13:59:00.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2017/01/19	14:17:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	14:17:26.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	14:17:28.0	XRT_FOCUS_POSITION_403_OG [0x193]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2017/01/19	14:17:30.0	AOCS_ORe-point_Start_3_OG [0x099]		
		AOCU_NM	5	02-76 00 4e 0c 01 f3
2017/01/19	14:17:48.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2017/01/19	14:17:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2017/01/19	14:17:52.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2017/01/19	14:17:54.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2017/01/19	14:17:56.0	XRT_FLD_RESET_433_OG [0x1b1]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2017/01/19	14:20:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]		
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0a
2017/01/19	14:20:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]		
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07
2017/01/19	14:20:30.0	XRT_CTRL_AUTO_408_OG [0x198]		
		MDP_XRT_CTRL_AUTO	1	07-F0 c0
2017/01/19	14:38:24.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	14:38:26.0	XRT_CTRL_MANU_402_OG [0x192]		
		MDP_XRT_CTRL_MANU	1	07-F0 c1
2017/01/19	14:38:28.0	XRT_FOCUS_POSITION_403_OG [0x193]		
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00
2017/01/19	14:38:30.0	AOCS_ORe-point_Start_4_OG [0x09a]		
		AOCU_NM	5	02-76 00 45 26 01 f3
2017/01/19	14:38:48.0	XRT_FLD_ENA_411_OG [0x19b]		
		MDP_XRT_FLD_ENA	1	07-F0 d8
2017/01/19	14:38:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]		
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8
2017/01/19	14:38:52.0	XRT_AEC_RESET_448_OG [0x1c0]		
		MDP_XRT_AEC_RESET	1	07-F0 d0
2017/01/19	14:38:54.0	XRT_ARS_DIS_423_OG [0x1a7]		
		MDP_XRT_ARS_DIS	1	07-F0 d5
2017/01/19	14:38:56.0	XRT_FLD_RESET_433_OG [0x1b1]		
		MDP_XRT_FLD_RESET	1	07-F0 da
2017/01/19	14:41:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]		

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2017/01/19	14:41:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2017/01/19	14:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2017/01/19	14:59:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/01/19	14:59:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	14:59:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	14:59:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2017/01/19	14:59:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 3c 41 01	f3
2017/01/19	14:59:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/01/19	14:59:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/01/19	14:59:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/01/19	14:59:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/01/19	15:02:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/01/19	15:02:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2017/01/19	15:02:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2017/01/19	15:20:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/01/19	15:20:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	15:20:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	15:20:30.0	AOCS_ORe-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2017/01/19	15:20:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 33 64 01	f3
2017/01/19	15:20:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/01/19	15:20:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/01/19	15:20:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/01/19	15:20:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/01/19	15:23:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/01/19	15:23:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2017/01/19	15:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2017/01/19	15:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/01/19	15:45:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	15:45:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	15:45:36.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/01/19	15:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2017/01/19	16:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2017/01/19	16:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	16:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	16:10:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2017/01/19	16:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 2a 7e 01	f3
2017/01/19	16:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2017/01/19	16:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2017/01/19	16:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2017/01/19	16:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2017/01/19	16:12:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da	
2017/01/19	16:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0a
2017/01/19	16:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2017/01/19	16:30:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2017/01/19	16:30:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2017/01/19	16:30:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
		XRT_FOCUS_POSITION	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00

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2017/01/19	16:31:00.0	AOCS_0Re-point_Start_8_0G [0x09e]	
		AOCU_NM	5 02-76 00 21 99 01 f3
2017/01/19	16:31:18.0	XRT_FLD_ENA_411_0G [0x19b]	
		MDP_XRT_FLD_ENA	1 07-F0 d8
2017/01/19	16:31:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	
		MDP_XRT_FLRCTRL_ENA	1 07-F0 c8
2017/01/19	16:31:22.0	XRT_AEC_RESET_448_0G [0x1c0]	
		MDP_XRT_AEC_RESET	1 07-F0 d0
2017/01/19	16:31:24.0	XRT_ARS_DIS_423_0G [0x1a7]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2017/01/19	16:31:26.0	XRT_FLD_RESET_433_0G [0x1b1]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2017/01/19	16:33:56.0	XRT_QT_PROG_SET_427_0G [0x1ab]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0a
2017/01/19	16:33:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]	
		MDP_XRT_FL_PROG_SET	2 07-F0 c5 07
2017/01/19	16:34:00.0	XRT_CTRL_AUTO_408_0G [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2017/01/19	16:51:54.0	XRT_CTRL_MANU_402_0G [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	16:51:56.0	XRT_CTRL_MANU_402_0G [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	16:51:58.0	XRT_FOCUS_POSITION_403_0G [0x193]	
		XRT_FOCUS_POSITION	4 07-F8 22 ff aa 00
2017/01/19	16:52:00.0	AOCS_0Re-point_Start_9_0G [0x09f]	
		AOCU_NM	5 02-76 00 18 b4 01 f3
2017/01/19	16:52:18.0	XRT_FLD_ENA_411_0G [0x19b]	
		MDP_XRT_FLD_ENA	1 07-F0 d8
2017/01/19	16:52:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	
		MDP_XRT_FLRCTRL_ENA	1 07-F0 c8
2017/01/19	16:52:22.0	XRT_AEC_RESET_448_0G [0x1c0]	
		MDP_XRT_AEC_RESET	1 07-F0 d0
2017/01/19	16:52:24.0	XRT_ARS_DIS_423_0G [0x1a7]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2017/01/19	16:52:26.0	XRT_FLD_RESET_433_0G [0x1b1]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2017/01/19	16:54:56.0	XRT_QT_PROG_SET_427_0G [0x1ab]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0a
2017/01/19	16:54:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]	
		MDP_XRT_FL_PROG_SET	2 07-F0 c5 07
2017/01/19	16:55:00.0	XRT_CTRL_AUTO_408_0G [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2017/01/19	17:22:00.0	XRT_CTRL_MANU_400_0G [0x190]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	17:22:02.0	XRT_CTRL_MANU_402_0G [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	17:22:04.0	XRT_FLD_RESET_415_0G [0x19f]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2017/01/19	17:22:06.0	XRT_PREFLR_STRT_414_0G [0x19e]	
		MDP_XRT_PREFLR_STRT	1 07-F0 e8
2017/01/19	17:25:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	
		MDP_XRT_PREFLR_STOP	1 07-F0 e9
2017/01/19	17:46:24.0	XRT_CTRL_MANU_402_0G [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	17:46:26.0	XRT_CTRL_MANU_402_0G [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	17:46:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	
		XRT_FOCUS_POSITION	4 07-F8 22 ff aa 00
2017/01/19	17:46:30.0	AOCS_0Re-point_Start_10_0G [0x0a0]	
		AOCU_NM	5 02-76 00 0f ce 01 f3
2017/01/19	17:46:48.0	XRT_FLD_ENA_411_0G [0x19b]	
		MDP_XRT_FLD_ENA	1 07-F0 d8
2017/01/19	17:46:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	
		MDP_XRT_FLRCTRL_ENA	1 07-F0 c8
2017/01/19	17:46:52.0	XRT_AEC_RESET_448_0G [0x1c0]	
		MDP_XRT_AEC_RESET	1 07-F0 d0
2017/01/19	17:46:54.0	XRT_ARS_DIS_423_0G [0x1a7]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2017/01/19	17:46:56.0	XRT_FLD_RESET_433_0G [0x1b1]	
		MDP_XRT_FLD_RESET	1 07-F0 da
2017/01/19	17:49:26.0	XRT_QT_PROG_SET_427_0G [0x1ab]	
		MDP_XRT_QT_PROG_SET	2 07-F0 c4 0a
2017/01/19	17:49:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]	
		MDP_XRT_FL_PROG_SET	2 07-F0 c5 07
2017/01/19	17:49:30.0	XRT_CTRL_AUTO_408_0G [0x198]	
		MDP_XRT_CTRL_AUTO	1 07-F0 c0
2017/01/19	18:07:24.0	XRT_CTRL_MANU_402_0G [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	18:07:26.0	XRT_CTRL_MANU_402_0G [0x192]	
		MDP_XRT_CTRL_MANU	1 07-F0 c1
2017/01/19	18:07:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	
		XRT_FOCUS_POSITION	4 07-F8 22 ff aa 00
2017/01/19	18:07:30.0	AOCS_0Re-point_Start_11_0G [0x0a1]	
		AOCU_NM	5 02-76 00 06 f1 01 f3
2017/01/19	18:07:48.0	XRT_FLD_ENA_411_0G [0x19b]	
		MDP_XRT_FLD_ENA	1 07-F0 d8
2017/01/19	18:07:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	
		MDP_XRT_FLRCTRL_ENA	1 07-F0 c8
2017/01/19	18:07:52.0	XRT_AEC_RESET_448_0G [0x1c0]	
		MDP_XRT_AEC_RESET	1 07-F0 d0
2017/01/19	18:07:54.0	XRT_ARS_DIS_423_0G [0x1a7]	
		MDP_XRT_ARS_DIS	1 07-F0 d5
2017/01/19	18:07:56.0	XRT_FLD_RESET_433_0G [0x1b1]	

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2017/01/19	18:10:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	18:10:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	18:10:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	18:28:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	18:28:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	18:28:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	18:28:30.0	AOCS_ORe-point_Start_12_OG [0x0a2]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	18:28:48.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 fe f2 01 f3
2017/01/19	18:31:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/01/19	18:31:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/01/19	18:31:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	18:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2017/01/19	18:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	18:38:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	18:38:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	18:38:48.0	XRT_FLD_ENA_411_OG [0x19b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	18:38:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	18:38:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	18:38:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	18:38:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	18:41:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	18:41:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	18:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	18:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	18:59:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	18:59:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	18:59:06.0	XRT_PREFLR_STRT_414_OG [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	19:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/19	19:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/19	19:22:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	19:22:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	19:23:00.0	AOCS_ORe-point_Start_13_OG [0x0a3]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	19:23:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 f6 0d 01 f3
2017/01/19	19:23:20.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	19:23:22.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	19:23:24.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	19:23:26.5	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	19:25:56.5	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	19:25:58.5	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	19:26:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	19:43:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	19:43:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	19:43:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	19:44:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	19:44:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 ed 27 01 f3
2017/01/19	19:44:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

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2017/01/19	19:44:22.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	19:44:24.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	19:44:26.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	19:46:56.0	XRT_QT_PROG_SET_427_0G [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	19:46:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	19:47:00.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	20:04:54.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	20:04:56.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	20:04:58.0	XRT_FOCUS_POSITION_403_0G [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	20:05:00.0	AOCS_0Re-point_Start_15_0G [0x0a5]	AOCU_NM	5	02-76	00 e4 42 01 f3
2017/01/19	20:05:18.0	XRT_FLD_ENA_411_0G [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	20:05:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	20:05:22.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	20:05:24.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	20:05:26.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	20:07:56.0	XRT_QT_PROG_SET_427_0G [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	20:07:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	20:08:00.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	20:36:00.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	20:36:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	20:36:04.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	20:36:06.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/19	20:39:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/19	21:00:24.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	21:00:26.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	21:00:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	21:00:30.0	AOCS_0Re-point_Start_16_0G [0x0a6]	AOCU_NM	5	02-76	00 db 65 01 f3
2017/01/19	21:00:48.0	XRT_FLD_ENA_411_0G [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	21:00:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	21:00:52.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	21:00:54.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	21:00:56.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	21:03:26.0	XRT_QT_PROG_SET_427_0G [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	21:03:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	21:03:30.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	21:21:24.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	21:21:26.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	21:21:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	21:21:30.0	AOCS_0Re-point_Start_17_0G [0x0a7]	AOCU_NM	5	02-76	00 d2 7f 01 f3
2017/01/19	21:21:48.0	XRT_FLD_ENA_411_0G [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	21:21:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	21:21:52.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	21:21:54.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	21:21:56.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	21:24:26.0	XRT_QT_PROG_SET_427_0G [0x1ab]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	21:24:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	21:24:30.0	XRT_CTRL_AUTO_408_0G [0x198]				

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2017/01/19	21:42:24.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	21:42:26.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	21:42:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	21:42:30.0	AOCS_ORe-point_Start_18_0G [0x0a8]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	21:42:48.0	XRT_FLD_ENA_411_0G [0x19b]	AOCU_NM	5	02-76	00 c9 9a 01 f3
2017/01/19	21:42:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	21:42:52.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	21:42:54.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	21:42:56.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	21:45:26.0	XRT_QT_PROG_SET_427_0G [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	21:45:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	21:45:30.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	22:13:30.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	22:13:32.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	22:13:34.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	22:13:36.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	22:16:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/19	22:36:24.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/19	22:36:26.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	22:36:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	22:36:30.0	AOCS_ORe-point_Start_19_0G [0x0a9]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	22:36:48.0	XRT_FLD_ENA_411_0G [0x19b]	AOCU_NM	5	02-76	00 c0 b5 01 f3
2017/01/19	22:36:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	22:36:52.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	22:36:54.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	22:36:56.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	22:39:26.0	XRT_QT_PROG_SET_427_0G [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	22:39:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	22:39:30.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	22:57:24.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	22:57:26.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	22:57:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	22:57:30.0	AOCS_ORe-point_Start_20_0G [0x0aa]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	22:57:48.0	XRT_FLD_ENA_411_0G [0x19b]	AOCU_NM	5	02-76	00 b7 cf 01 f3
2017/01/19	22:57:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	22:57:52.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	22:57:54.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	22:57:56.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	23:00:26.0	XRT_QT_PROG_SET_427_0G [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	23:00:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	23:00:30.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	23:18:24.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	23:18:26.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	23:18:28.0	XRT_FOCUS_POSITION_403_0G [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	23:18:30.0	AOCS_ORe-point_Start_21_0G [0x0ab]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/19	23:18:48.0	XRT_FLD_ENA_411_0G [0x19b]	AOCU_NM	5	02-76	00 ae f2 01 f3
			MDP_XRT_FLD_ENA	1	07-F0	d8

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2017/01/19	23:18:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	23:18:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	23:18:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	23:18:56.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	23:21:26.0	XRT_QT_PROG_SET_427_OG [0x1ab]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a
2017/01/19	23:21:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	23:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	23:39:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	23:39:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	23:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/01/19	23:40:00.0	AOCS_Ore-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76	01 00 00 00 00
2017/01/19	23:40:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/19	23:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/19	23:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/19	23:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/19	23:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	23:42:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2017/01/19	23:42:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/19	23:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/19	23:51:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	23:51:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/19	23:51:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/19	23:51:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/19	23:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	00:01:30.0	XRT_Custom_430_OG [0x1ae]			
2017/01/20	00:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	01:17:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	01:17:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	01:17:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	01:17:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	01:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	01:33:30.0	XRT_Custom_430_OG [0x1ae]			
2017/01/20	01:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	02:49:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	02:49:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	02:49:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	02:49:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	02:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	03:10:00.5	XRT_Custom_430_OG [0x1ae]			
2017/01/20	03:11:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	04:18:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	04:18:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	04:18:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	04:18:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	04:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	04:47:30.0	XRT_Custom_430_OG [0x1ae]			
2017/01/20	04:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	04:49:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	04:49:56.0	XRT_CTRL_MANU_402_OG [0x192]			

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2017/01/20	04:49:58.0	XRT_FOCUS_POSITION_403_0G [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	04:50:00.0	AOCs_0Re-point_Start_22_0G [0x0ac]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/20	04:50:18.0	XRT_FLD_DIS_406_0G [0x196]	AOCU_NM	5	02-76	00 00 00 00 00
2017/01/20	04:52:54.0	XRT_FLRCTRL_DIS_405_0G [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2017/01/20	04:52:56.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/01/20	04:52:58.0	XRT_QT_PROG_SET_432_0G [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/20	04:53:00.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2017/01/20	04:59:54.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	04:59:56.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	04:59:58.0	XRT_FOCUS_POSITION_403_0G [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	05:00:00.0	AOCs_0Re-point_Start_23_0G [0x0ad]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/20	05:00:18.0	XRT_FLD_ENA_411_0G [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00
2017/01/20	05:00:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/20	05:00:22.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/20	05:00:24.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/20	05:00:26.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/20	05:02:56.0	XRT_QT_PROG_SET_425_0G [0x1a9]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	05:02:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2017/01/20	05:03:00.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/20	05:58:30.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	05:58:32.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	05:58:34.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	05:58:36.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	06:01:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	06:25:00.0	XRT_Custom_430_0G [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	06:26:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CUSTOM_430_0G [0x1ae]	1	07-F0	c0
2017/01/20	07:39:00.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	07:39:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	07:39:04.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	07:39:06.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	07:42:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	08:02:00.0	XRT_Custom_430_0G [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	08:03:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CUSTOM_430_0G [0x1ae]	1	07-F0	c0
2017/01/20	09:18:30.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	09:18:32.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	09:18:34.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	09:18:36.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	09:21:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	09:37:24.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	09:37:26.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	09:37:28.0	XRT_FOCUS_POSITION_410_0G [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	09:37:30.0	AOCs_0Re-point_Start_1_0G [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/01/20	09:37:48.0	XRT_FLD_ENA_411_0G [0x19b]	AOCU_NM	5	02-76	01 00 00 00 00
2017/01/20	09:37:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/20	09:37:52.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/20	09:37:54.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/20	09:37:56.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
			MDP_XRT_FLD_RESET	1	07-F0	da

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2017/01/20	09:40:26.0	XRT_QT_PROG_SET_434_OG [0x1b2]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 08	
2017/01/20	09:40:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07	
2017/01/20	09:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2017/01/20	14:37:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	14:37:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	14:37:28.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00	
2017/01/20	14:37:30.0	AOCS_ORe-point_Start_23_OG [0x0ad]			
		AOCU_NM	5	02-76 03 00 00 00 00	
2017/01/20	14:37:48.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0 d8	
2017/01/20	14:37:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0 c8	
2017/01/20	14:37:52.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0 d0	
2017/01/20	14:37:54.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2017/01/20	14:37:56.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2017/01/20	14:40:26.0	XRT_QT_PROG_SET_401_OG [0x191]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 0d	
2017/01/20	14:40:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0 c5 07	
2017/01/20	14:40:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2017/01/20	14:46:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	14:46:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	14:46:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2017/01/20	14:46:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2017/01/20	14:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2017/01/20	14:56:00.0	XRT_Custom_430_OG [0x1ae]			
2017/01/20	14:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2017/01/20	16:20:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	16:20:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	16:20:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2017/01/20	16:20:36.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2017/01/20	16:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2017/01/20	16:44:00.0	XRT_Custom_430_OG [0x1ae]			
2017/01/20	16:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2017/01/20	17:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	17:57:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	17:57:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0 da	
2017/01/20	17:57:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0 e8	
2017/01/20	18:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0 e9	
2017/01/20	18:20:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	18:20:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	18:20:28.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8 22 ff aa 00	
2017/01/20	18:20:30.5	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOCU_NM	5	02-76 00 00 00 00 00	
2017/01/20	18:20:48.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0 d9	
2017/01/20	18:23:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0 c9	
2017/01/20	18:23:26.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0 d5	
2017/01/20	18:23:28.0	XRT_QT_PROG_SET_432_OG [0x1b0]			
		MDP_XRT_QT_PROG_SET	2	07-F0 c4 06	
2017/01/20	18:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0 c0	
2017/01/20	18:30:24.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	18:30:26.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0 c1	
2017/01/20	18:30:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8 22 fe 97 00	
2017/01/20	18:30:30.0	AOCS_ORe-point_Start_1_OG [0x097]			
		AOCU_NM	5	02-76 01 00 00 00 00	
2017/01/20	18:30:48.0	XRT_FLD_ENA_411_OG [0x19b]			

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2017/01/20	18:30:50.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/20	18:30:52.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/20	18:30:54.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/20	18:30:56.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/20	18:33:26.0	XRT_QT_PROG_SET_418_0G [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	18:33:28.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2017/01/20	18:33:30.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/20	19:34:00.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	19:34:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	19:34:04.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	19:34:06.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	19:37:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	19:57:00.0	XRT_Custom_430_0G [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	19:58:00.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CUSTOM_430_0G [0x1ae]	1	07-F0	c0
2017/01/20	21:11:00.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	21:11:02.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	21:11:04.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	21:11:06.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	21:14:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	21:34:30.0	XRT_Custom_430_0G [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	21:35:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CUSTOM_430_0G [0x1ae]	1	07-F0	c0
2017/01/20	22:48:30.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/20	22:48:32.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	22:48:34.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/20	22:48:36.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/20	22:51:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/20	23:09:30.0	XRT_Custom_430_0G [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/20	23:10:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]	MDP_XRT_CUSTOM_430_0G [0x1ae]	1	07-F0	c0
2017/01/21	00:25:30.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	00:25:32.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	00:25:34.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	00:25:36.0	XRT_PREFLR_STRT_414_0G [0x19e]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	00:28:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/21	00:29:54.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/21	00:29:56.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	00:29:58.0	XRT_FOCUS_POSITION_410_0G [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	00:30:00.0	AOCs_Or-point_Start_24_0G [0x0ae]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/01/21	00:30:18.0	XRT_FLD_ENA_411_0G [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00
2017/01/21	00:30:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/21	00:30:22.0	XRT_AEC_RESET_448_0G [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/21	00:30:24.0	XRT_ARS_DIS_423_0G [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/21	00:30:26.0	XRT_FLD_RESET_433_0G [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/21	00:32:56.0	XRT_QT_PROG_SET_418_0G [0x1a2]	MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	00:32:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2017/01/21	00:33:30.0	XRT_CTRL_AUTO_408_0G [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/21	00:34:30.0	XRT_CTRL_MANU_400_0G [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	01:49:30.0	XRT_CTRL_MANU_402_0G [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	01:49:32.0	XRT_FLD_RESET_415_0G [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2017/01/21	01:49:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	01:49:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/21	01:52:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/21	01:59:54.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	01:59:56.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	01:59:58.0	XRT_FOCUS_POSITION_403_0G [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/21	02:00:00.0	AOCS_0Re-point_Start_23_0G [0x0ad]			
		AOCU_NM	5	02-76	03 00 00 00 00
2017/01/21	02:00:18.0	XRT_FLD_ENA_411_0G [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/21	02:00:20.0	XRT_FLRCTRL_ENA_412_0G [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/21	02:00:22.0	XRT_AEC_RESET_448_0G [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/21	02:00:24.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/21	02:00:26.0	XRT_FLD_RESET_433_0G [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	02:02:56.0	XRT_QT_PROG_SET_425_0G [0x1a9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2017/01/21	02:02:58.0	XRT_FL_PROG_SET_436_0G [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/21	02:08:30.0	XRT_Custom_430_0G [0x1ae]			
2017/01/21	02:09:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	03:24:30.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	03:24:32.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	03:24:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	03:24:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/21	03:27:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/21	03:45:30.0	XRT_Custom_430_0G [0x1ae]			
2017/01/21	03:46:30.0	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	04:54:30.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	04:54:32.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	04:54:34.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	04:54:36.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/21	04:57:44.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/21	05:22:30.0	XRT_Custom_430_0G [0x1ae]			
2017/01/21	05:23:30.5	XRT_CTRL_AUTO_424_0G [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	06:35:00.0	XRT_CTRL_MANU_400_0G [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	06:35:02.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	06:35:04.0	XRT_FLD_RESET_415_0G [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	06:35:06.0	XRT_PREFLR_STRT_414_0G [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/21	06:38:14.0	XRT_PREFLR_STOP_419_0G [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/21	06:59:54.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	06:59:56.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	06:59:58.0	XRT_FOCUS_POSITION_403_0G [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2017/01/21	07:00:00.0	AOCS_0Re-point_Start_22_0G [0x0ac]			
		AOCU_NM	5	02-76	00 00 00 00 00
2017/01/21	07:00:18.0	XRT_FLD_DIS_406_0G [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2017/01/21	07:02:54.0	XRT_FLRCTRL_DIS_405_0G [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2017/01/21	07:02:56.0	XRT_ARS_DIS_423_0G [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/21	07:02:58.0	XRT_QT_PROG_SET_432_0G [0x1b0]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2017/01/21	07:03:00.0	XRT_CTRL_AUTO_408_0G [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	07:09:54.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	07:09:56.0	XRT_CTRL_MANU_402_0G [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	07:09:58.0	XRT_FOCUS_POSITION_410_0G [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2017/01/21	07:10:00.0	AOCS_0Re-point_Start_1_0G [0x097]			
		AOCU_NM	5	02-76	01 00 00 00 00

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2017/01/21	07:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2017/01/21	07:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2017/01/21	07:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2017/01/21	07:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2017/01/21	07:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	07:12:56.0	XRT_QT_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04
2017/01/21	07:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2017/01/21	07:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	08:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	08:15:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	08:15:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	08:15:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/21	08:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/21	08:37:00.0	XRT_Custom_430_OG [0x1ae]			
2017/01/21	08:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2017/01/21	09:55:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	09:55:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	09:55:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2017/01/21	09:55:06.0	XRT_PREFLR_STRT_414_OG [0x19e]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2017/01/21	09:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2017/01/21	10:45:00.5	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2017/01/21	11:01:00.0	AOCS_ORe-point_Start_22_OG [0x0ac]			
		AOUCU_NM	5	02-76	00 00 00 00 00