

XRT Timeline to be uploaded on 2016/06/28

Period: 2016/06/28 10:41:00 - 2016/07/06 10:30:00

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Normal mode

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XOB #1AEC: G-Band Alignment with North Pole Q90 2x2 (G-band and VLS=CLS) - 1msec (Al/poly) - 4096msec - 5min cadence - Partial Sun-wNGT

Term	Pointing (x, y)	Comment
06/28 11:06:00 - 06/28 12:50:54	Fixed (0.0, 930.0)	# OP start + 10min. Coalignment at the North Pole.
PROG= 19 1-time(s)		
└─ Subr= 1 24-time(s) 300.0sec		
└─ Seqn= 98 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open	Safe Norm 1ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec
└─ Seqn= 63 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band close	Safe Norm 1ms Obs 2x2 2048x1536 (1024, 768) Q=90 0 0 2.0sec
└─ Seqn= 45 1-time(s) 2.0sec		
└─ Al-poly/Open	med-Be/Open close	Safe Norm 4.00s Obs 2x2 2048x1536 (1024, 768) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1AED: G-Band Alignment with East limb Q90 2x2 (G-band and VLS=CLS) - 1msec - (Al/poly) 1443msec - 8 min cadence-wNGT

Term	Pointing (x, y)	Comment
06/28 13:06:00 - 06/28 14:50:54	Fixed (-970.0, 0.0)	# Coalignment at the East limb.
PROG= 12 1-time(s)		
└─ Subr= 1 15-time(s) 480.0sec		
└─ Seqn= 19 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open	Safe Norm 1ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec
└─ Seqn= 43 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band close	Safe Norm 1ms Obs 2x2 1536x2048 (1280, 1024) Q=90 0 0 2.0sec
└─ Seqn= 70 1-time(s) 2.0sec		
└─ Al-poly/Open	med-Be/Open close	Safe Norm 1.41s Obs 2x2 1536x2048 (1280, 1024) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

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

Term	Pointing (x, y)	Comment
06/28 14:54:00 - 06/28 17:56:54	Track (-795.9, 129.0) ^{Ⓜ 06/28 14:51:00}	# Track AR from East limb.
06/28 18:10:00 - 06/28 23:28:30	Track (-780.2, 127.7) ^{Ⓜ 06/28 18:07:00}	# AR cont.
06/29 02:03:00 - 06/29 05:25:24	Track (-739.1, 124.7) ^{Ⓜ 06/29 02:00:00}	# AR cont.
06/29 05:38:30 - 06/29 15:52:00	Track (-719.0, 123.3) ^{Ⓜ 06/29 05:35:30}	# AR cont.
06/29 18:28:00 - 06/29 23:59:54	Track (-640.1, 118.7) ^{Ⓜ 06/29 18:25:00}	# AR cont.
06/30 02:13:30 - 06/30 05:59:54	Track (-588.7, 116.1) ^{Ⓜ 06/30 02:00:00}	# AR cont.
06/30 06:13:00 - 06/30 17:51:24	Track (-559.1, 114.7) ^{Ⓜ 06/30 06:10:00}	# AR cont.
07/01 06:23:30 - 07/01 18:03:54	Track (-370.8, 107.8) ^{Ⓜ 07/01 06:20:30}	# AR cont.
07/02 06:55:00 - 07/02 17:39:00	Track (-159.0, 102.8) ^{Ⓜ 07/02 06:52:00}	# AR cont.
07/02 18:36:00 - 07/03 04:57:30	Track (-54.2, 101.2) ^{Ⓜ 07/02 18:33:00}	# AR cont.
PROG= 11 Inf.-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 56 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open	Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
└─ Open/G-band	Open/G-band close	Safe Norm 3ms Obs 1x1 384x384 (1064, 1048) DPCM 0 0 2.0sec
└─ Open/Ti-poly	Open/thick-Al close	Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) Q=98 0 0 2.0sec
└─ Subr= 2 5-time(s) 2.0sec		
└─ Seqn= 75 1-time(s) 2.0sec		
└─ Al-poly/Open	thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec
└─ Al-poly/Open	thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
└─ thin-Be/Open	med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 2 0 2.0sec
└─ thin-Be/Open	med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 0 2.0sec
└─ Seqn= 96 4-time(s) 60.0sec		
└─ Al-poly/Open	thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) Q=95 1 0 2.0sec
└─ 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 #1B0A: Synoptic Q95 2x2 - Al/mesh(12/181/1024) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(24/362/1443) + T

Term	Pointing (x, y)	Comment
06/28 18:00:00 - 06/28 18:06:54	Fixed (0.0, 0.0)	synoptic, shifted -3.0 min
06/29 05:28:30 - 06/29 05:35:24	Fixed (0.0, 0.0)	synoptic, shifted -34.5 min
06/29 18:18:00 - 06/29 18:24:54	Fixed (0.0, 0.0)	synoptic, shifted 15.0 min
06/30 06:03:00 - 06/30 06:09:54	Fixed (0.0, 0.0)	synoptic
06/30 17:54:30 - 06/30 18:01:24	Fixed (0.0, 0.0)	synoptic, shifted -8.5 min
07/01 06:13:30 - 07/01 06:20:24	Fixed (0.0, 0.0)	synoptic, shifted 10.5 min
07/01 18:07:00 - 07/01 18:13:54	Fixed (0.0, 0.0)	synoptic, shifted 4.0 min
07/02 06:45:00 - 07/02 06:51:54	Fixed (0.0, 0.0)	synoptic, shifted
07/02 18:30:00 - 07/02 18:32:54	Fixed (0.0, 0.0)	synoptic, shifted 23.0 min
PROG= 13 1-time(s)		

Subr= 1													
1-time(s)											2.0sec		
Seqn= 5													
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= 91													
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	12ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 93													
Al-poly/Open	Al-poly/Open	close	Safe	Norm	24ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	1.41s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 77													
thin-Be/Open	thin-Be/Open	close	Safe	Norm	86ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54													
Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

XOB #1B3F: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (2x2,1ms) - Leak (2x2,1ms) - 90s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
06/29 00:03:00 - 06/29 01:59:54	Track (90.9, -56.1) @ 06/29 00:00:00	# HOP 313
06/29 16:39:01 - 06/29 17:30:30	Track (-29.9, -140.0) @ 06/29 16:34:00	# HOP 313. Coronal Hole observation.
06/30 00:35:30 - 06/30 01:42:30	Track (306.0, -55.6) @ 06/30 00:00:00	# HOP 313
06/30 18:51:00 - 07/01 05:25:00	Fixed (-970.0, 0.0)	# EIS limb pointing for STEREO test.
07/01 18:17:00 - 07/02 06:01:30	Fixed (-970.0, 0.0)	# EIS limb pointing for STEREO test.

PROG= 06 Inf.-time(s)

Subr= 1													
1-time(s)											2.0sec		
Seqn= 26													
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Subr= 2													
40-time(s)											90.0sec		
Seqn= 8													
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048	(1024, 1024)	Q=98	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048	(1024, 1024)	DPCM	2	0	2.0sec
Seqn= 6													
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	3	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048	(1024, 1024)	DPCM	2	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval

XOB #1B35: 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(362/4096), Med-Al

Term	Pointing (x, y)	Comment
07/03 05:57:00 - 07/03 06:04:30	Fixed (0.0, 0.0)	synoptic, shifted -6.0 min

PROG= 04 1-time(s)

Subr= 1													
1-time(s)											2.0sec		
Seqn= 5													
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													
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													
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													
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													
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													
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
Seqn= 94													
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	354ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec
Seqn= 68													
2-time(s)											2.0sec		

med-AI/Open	med-AI/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
med-AI/Open	med-AI/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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Term	Pointing (x, y)	Comment
06/28 14:54:00 - 06/28 17:56:54	Track (-795.9, 129.0) [Ⓜ] 06/28 14:51:00	# Track AR from East limb.
06/28 18:10:00 - 06/28 23:28:30	Track (-780.2, 127.7) [Ⓜ] 06/28 18:07:00	# AR cont.
06/29 00:03:00 - 06/29 01:59:54	Track (90.9, -56.1) [Ⓜ] 06/29 00:00:00	# HOP 313
06/29 02:03:00 - 06/29 05:25:24	Track (-739.1, 124.7) [Ⓜ] 06/29 02:00:00	# AR cont.
06/29 05:38:30 - 06/29 15:52:00	Track (-719.0, 123.3) [Ⓜ] 06/29 05:35:30	# AR cont.
06/29 16:39:01 - 06/29 17:30:30	Track (-29.9, -140.0) [Ⓜ] 06/29 16:34:00	# HOP 313. Coronal Hole observation.
06/29 18:28:00 - 06/29 23:59:54	Track (-640.1, 118.7) [Ⓜ] 06/29 18:25:00	# AR cont.
06/30 00:35:30 - 06/30 01:42:30	Track (306.0, -55.6) [Ⓜ] 06/30 00:00:00	# HOP 313
06/30 02:13:30 - 06/30 05:59:54	Track (-588.7, 116.1) [Ⓜ] 06/30 02:00:00	# AR cont.
06/30 06:13:00 - 06/30 17:51:24	Track (-559.1, 114.7) [Ⓜ] 06/30 06:10:00	# AR cont.
06/30 18:51:00 - 07/01 05:25:00	Fixed (-970.0, 0.0)	# EIS limb pointing for STEREO test.
07/01 06:23:30 - 07/01 18:03:54	Track (-370.8, 107.8) [Ⓜ] 07/01 06:20:30	# AR cont.
07/01 18:17:00 - 07/02 06:01:30	Fixed (-970.0, 0.0)	# EIS limb pointing for STEREO test.
07/02 06:55:00 - 07/02 17:39:00	Track (-159.0, 102.8) [Ⓜ] 07/02 06:52:00	# AR cont.
07/02 18:36:00 - 07/03 04:57:30	Track (-54.2, 101.2) [Ⓜ] 07/02 18:33:00	# AR cont.

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-AI	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-AI	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-AI	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-AI/Open	med-AI/thick-AI	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-AI	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-AI	Open/thick-AI	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec
Open/thick-AI	Open/thick-AI	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

* * * * *

NOT USED

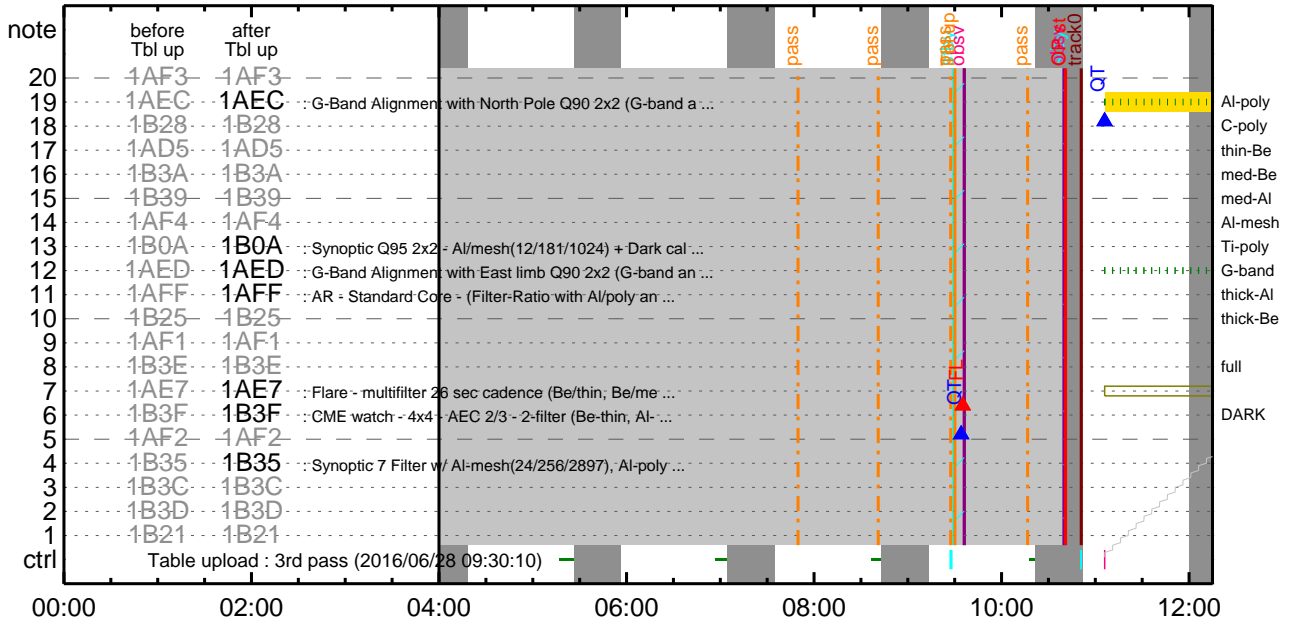
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Flare Detection

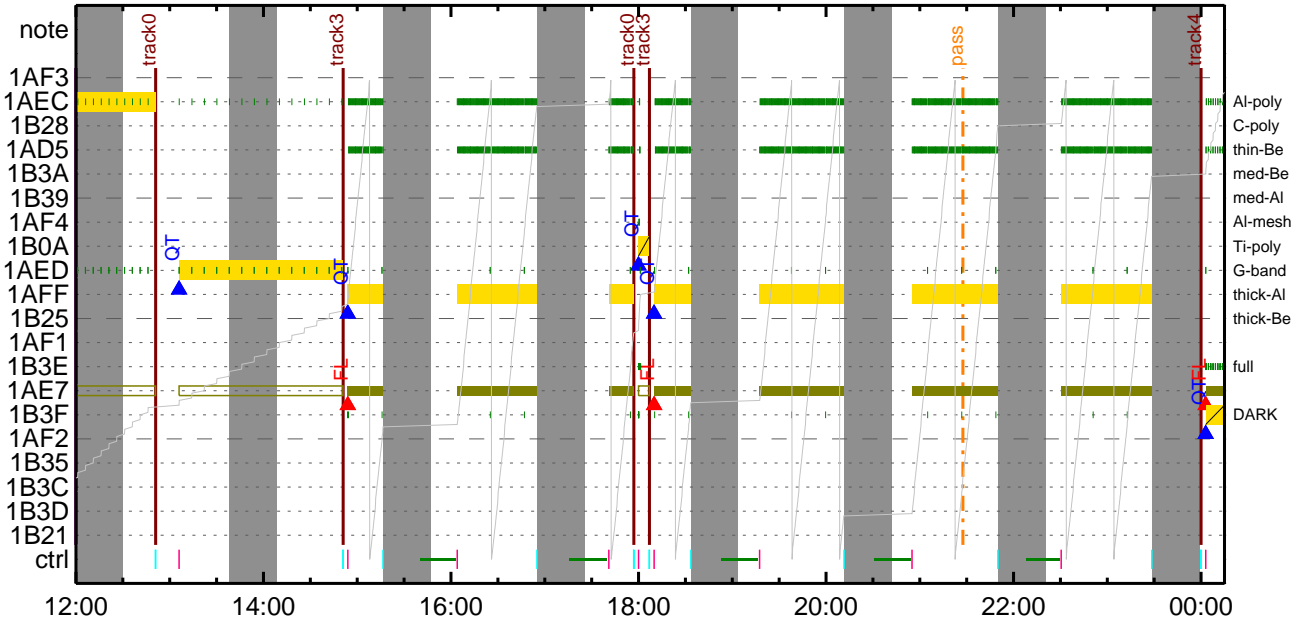
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Term	Pointing (x, y)	Comment
06/28 14:51:18 - 06/28 17:57:18	Track (-795.9, 129.0) [Ⓜ] 06/28 14:51:00	# Track AR from East limb.
06/28 18:07:18 - 06/29 05:25:48	Track (-780.2, 127.7) [Ⓜ] 06/28 18:07:00	# AR cont.
06/29 05:35:48 - 06/29 18:15:18	Track (-719.0, 123.3) [Ⓜ] 06/29 05:35:30	# AR cont.
06/29 18:25:18 - 06/30 06:00:18	Track (-640.1, 118.7) [Ⓜ] 06/29 18:25:00	# AR cont.
06/30 06:10:18 - 06/30 17:51:48	Track (-559.1, 114.7) [Ⓜ] 06/30 06:10:00	# AR cont.
06/30 18:01:48 - 07/01 06:10:48	Fixed (-970.0, 0.0)	# EIS limb pointing for STEREO test.
07/01 06:20:48 - 07/01 18:04:18	Track (-370.8, 107.8) [Ⓜ] 07/01 06:20:30	# AR cont.
07/01 18:14:18 - 07/02 06:42:18	Fixed (-970.0, 0.0)	# EIS limb pointing for STEREO test.
07/02 06:52:18 - 07/02 18:27:18	Track (-159.0, 102.8) [Ⓜ] 07/02 06:52:00	# AR cont.
07/02 18:33:18 - 07/03 05:54:18	Track (-54.2, 101.2) [Ⓜ] 07/02 18:33:00	# AR cont.
Open/Ti-poly	Open/thick-AI	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

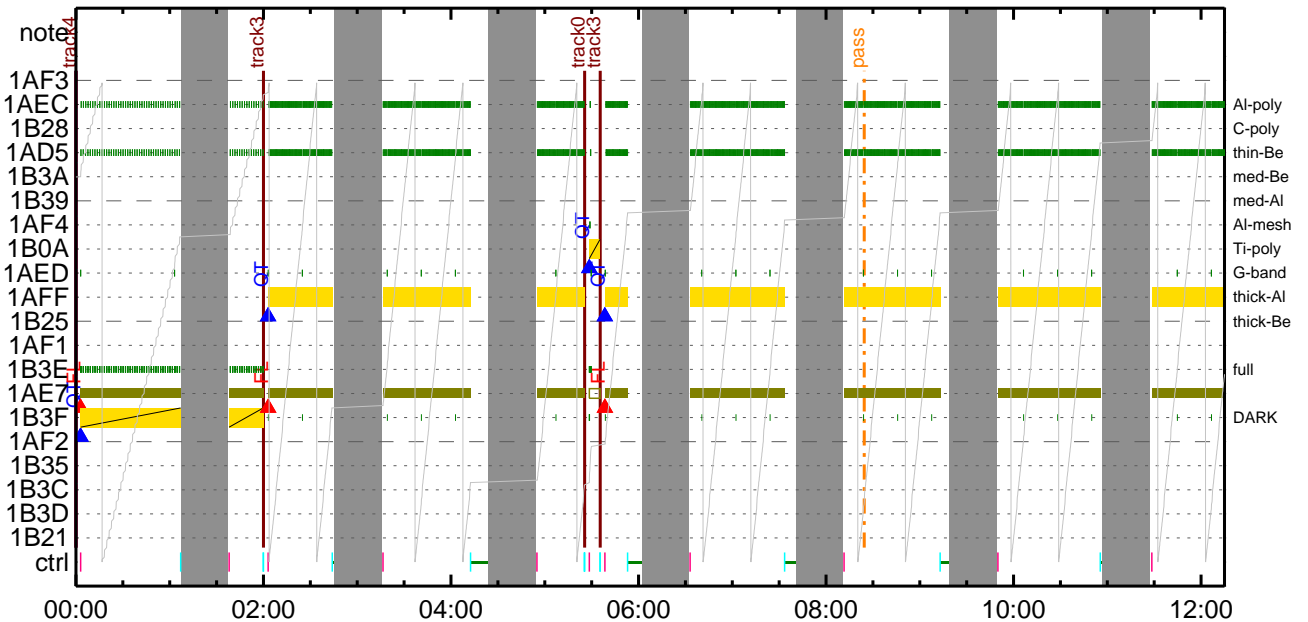
CMDI #0019 2016/06/28



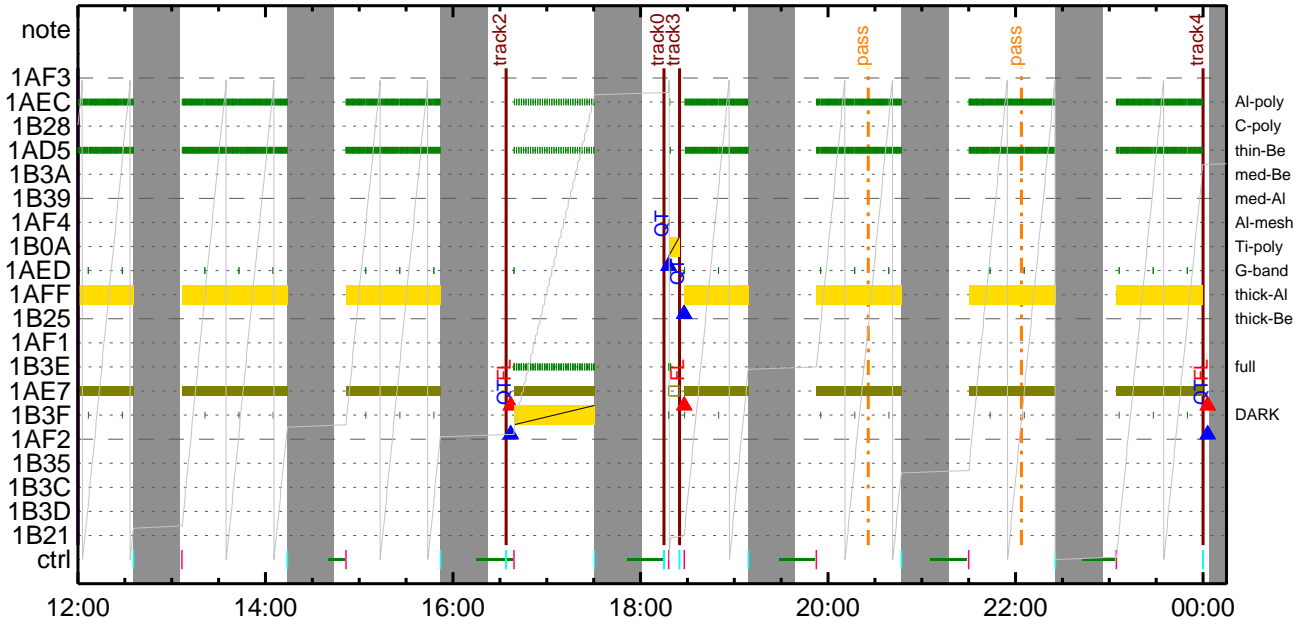
CMDI #0019 2016/06/28



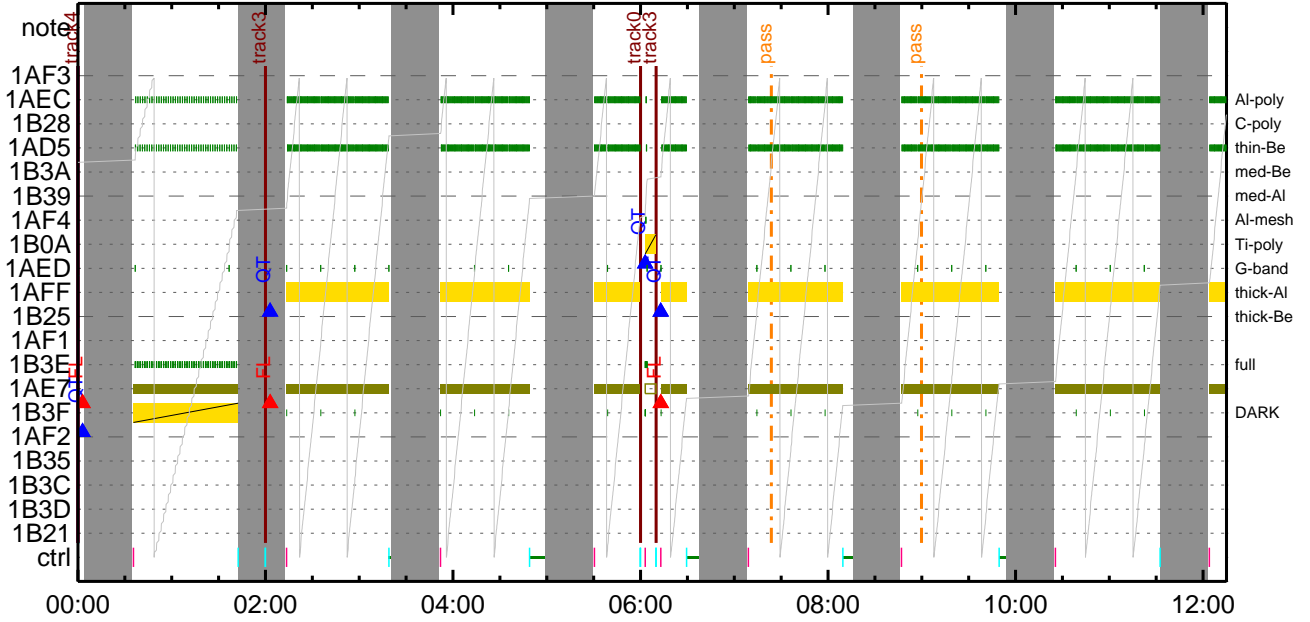
CMDI #0019 2016/06/29



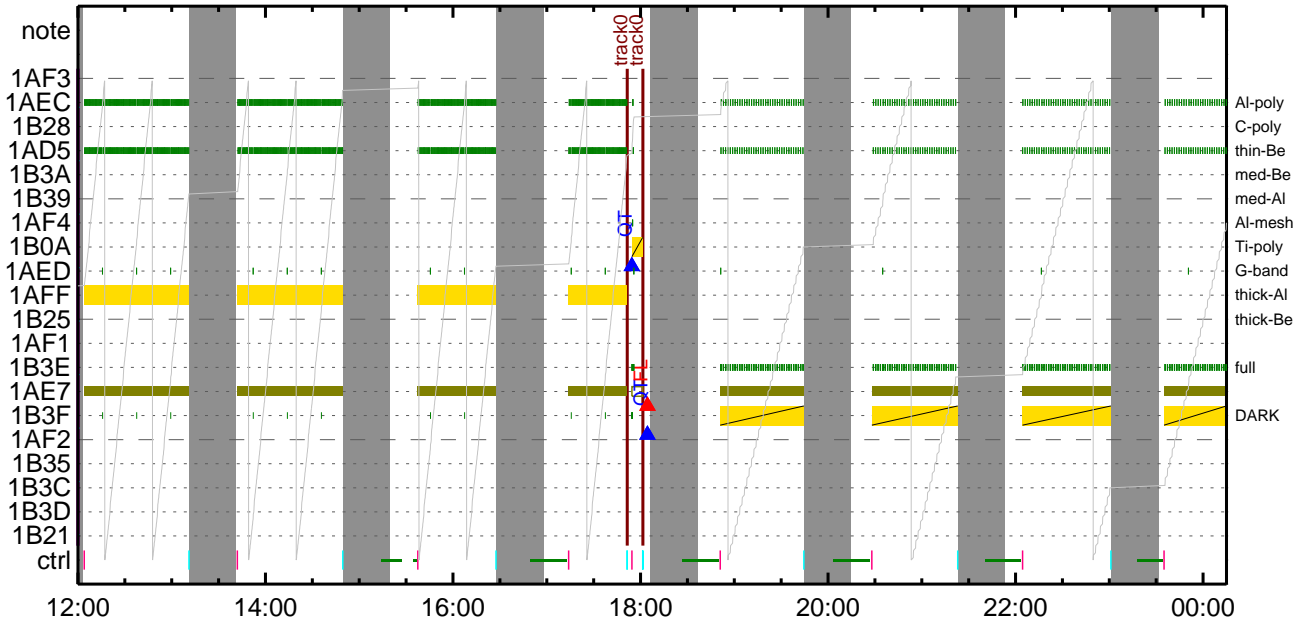
CMDI #0019 2016/06/29



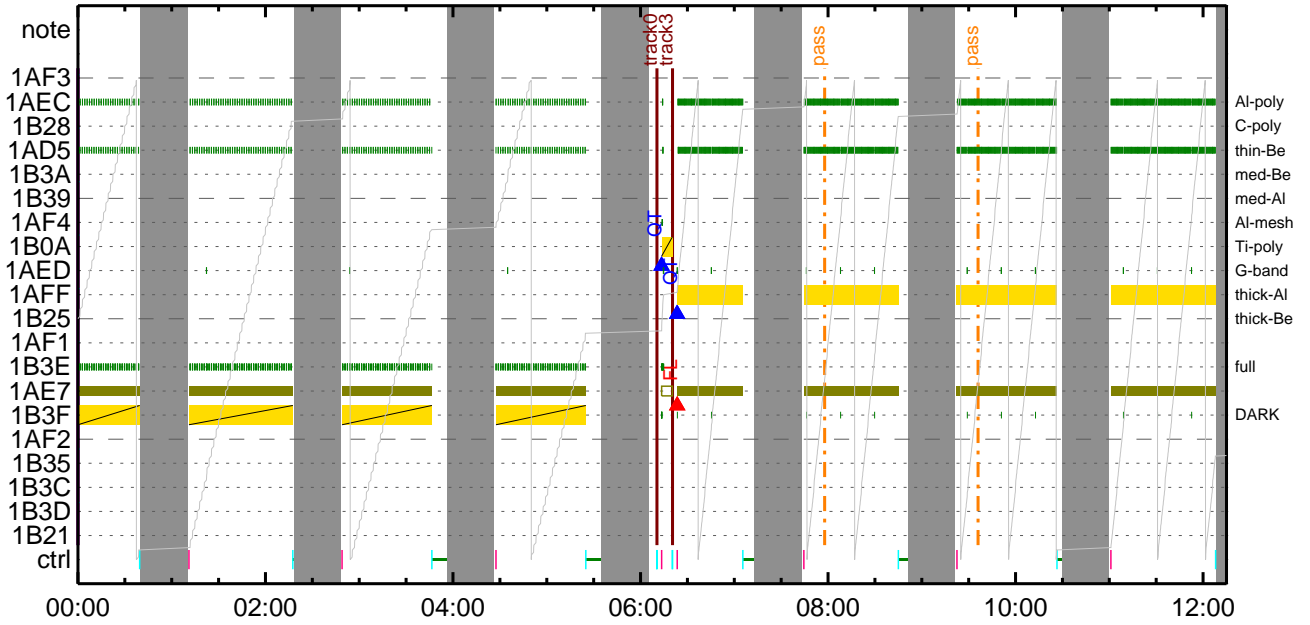
CMDI #0019 2016/06/30



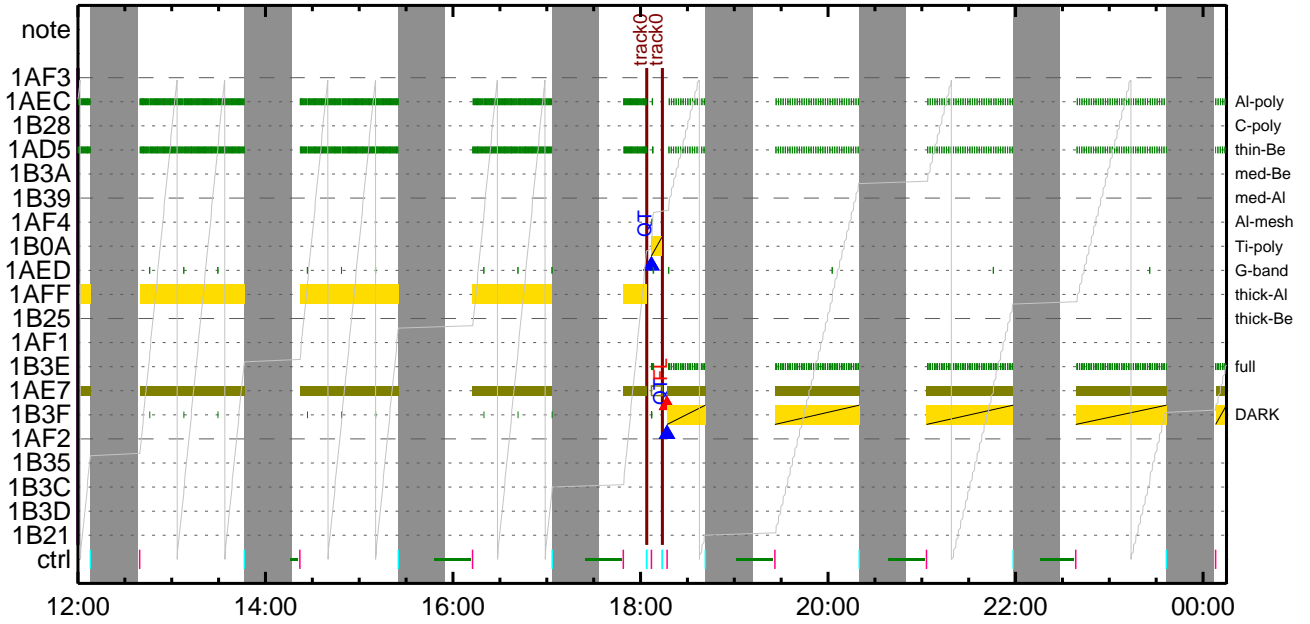
CMDI #0019 2016/06/30



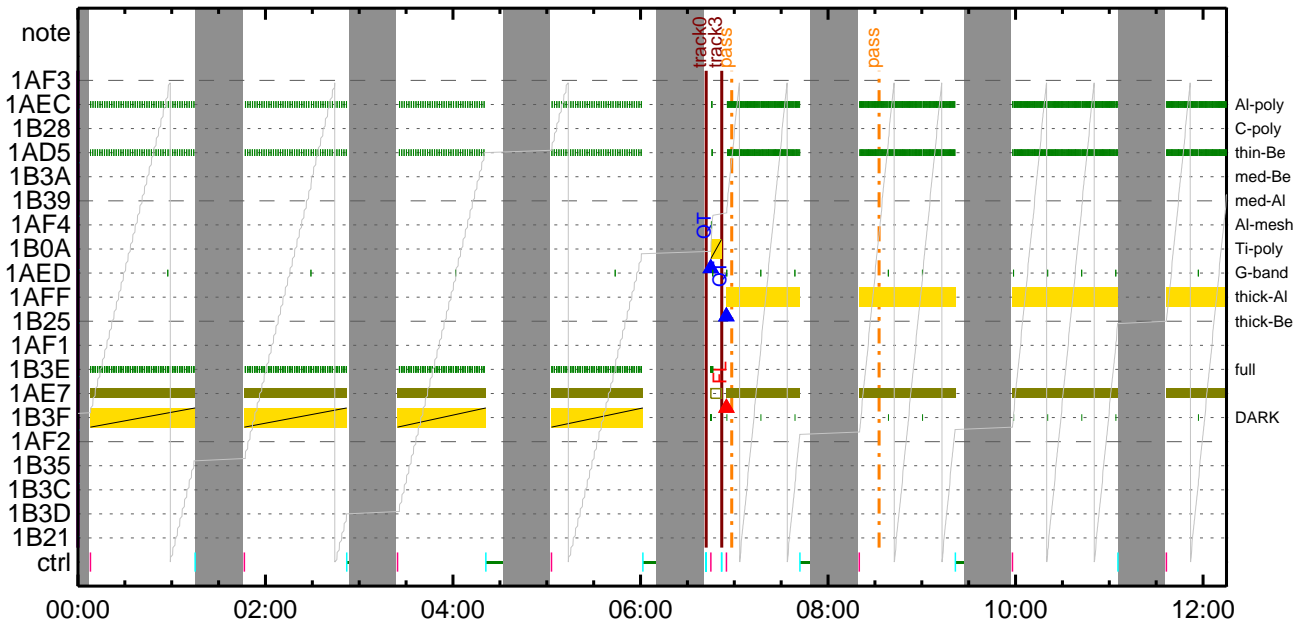
CMDI #0019 2016/07/01



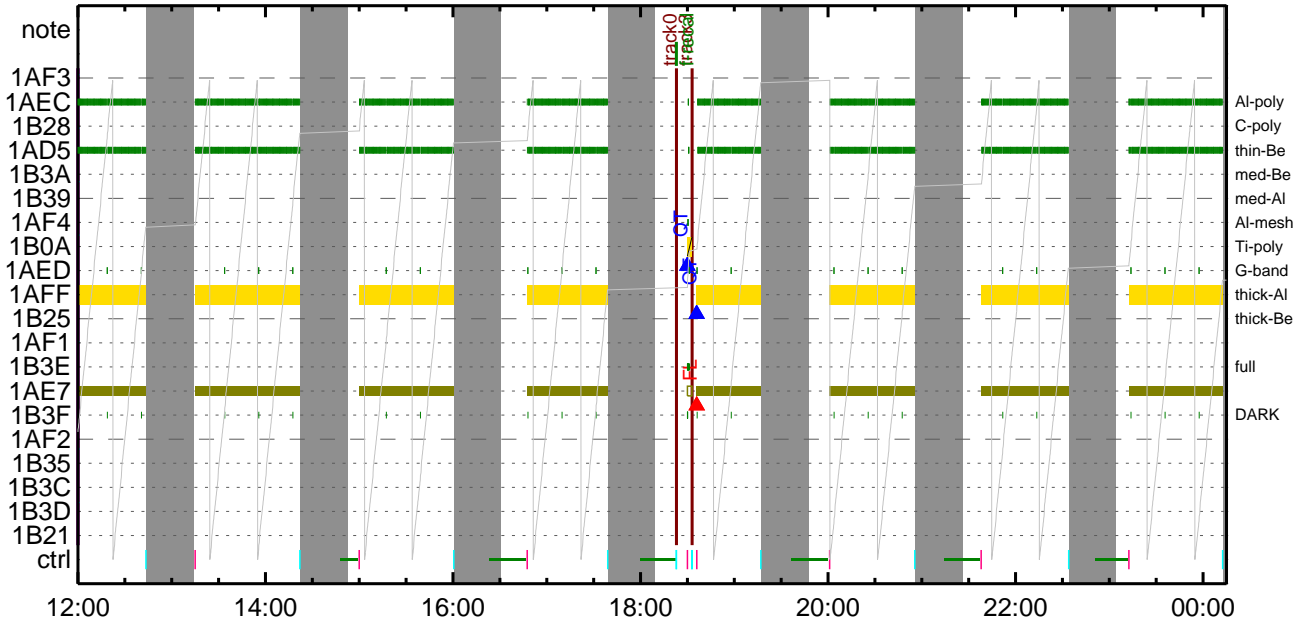
CMDI #0019 2016/07/01



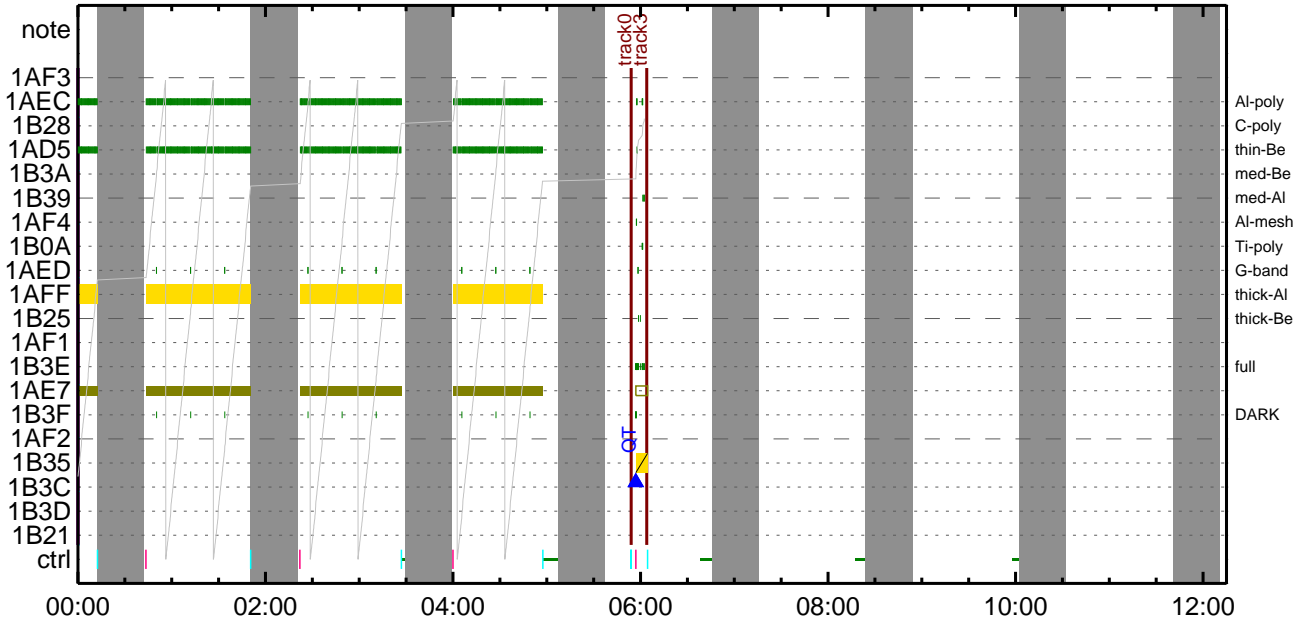
CMDI #0019 2016/07/02



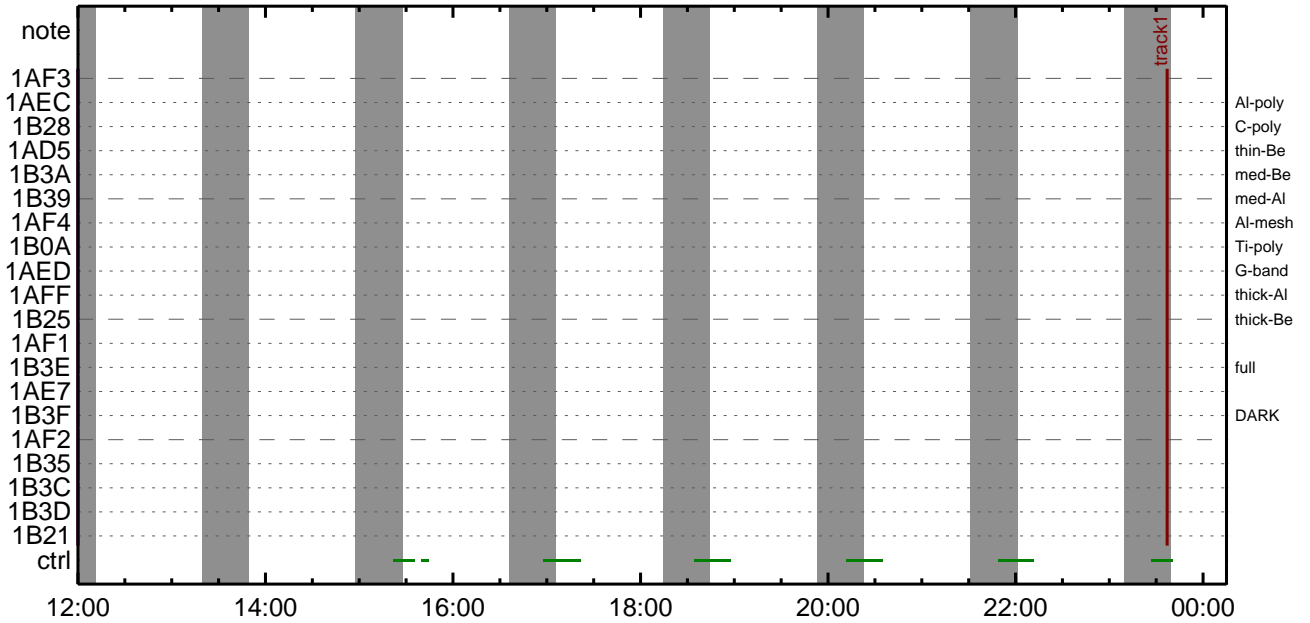
CMDI #0019 2016/07/02



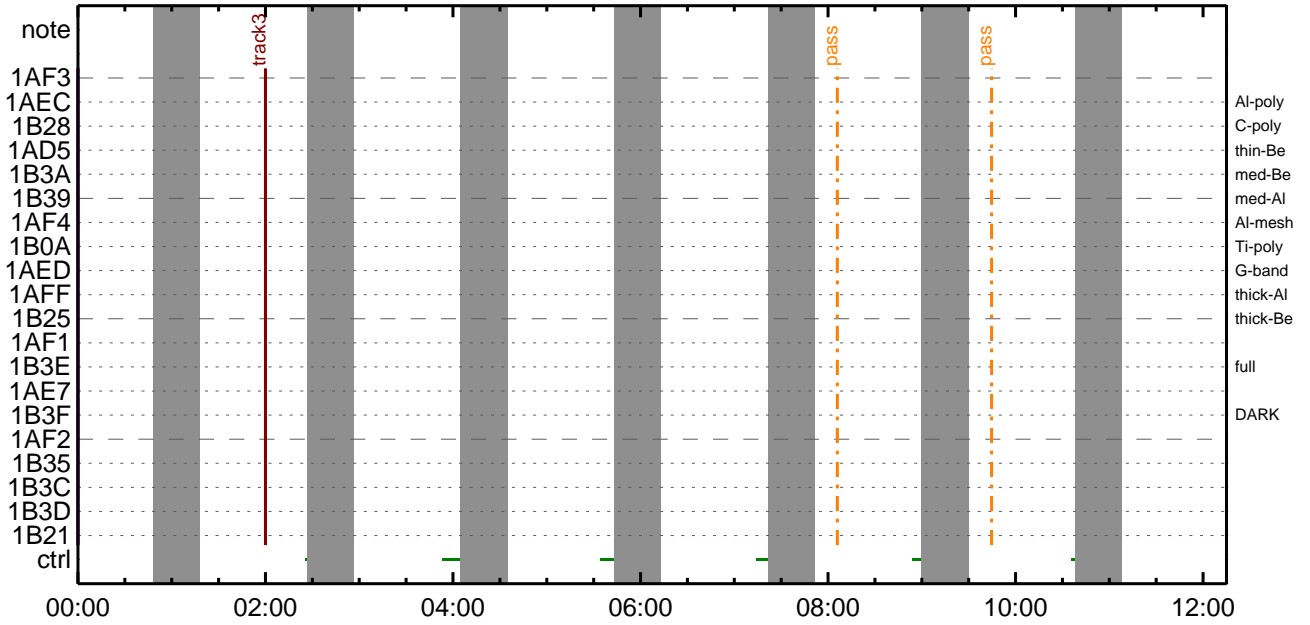
CMDI #0019 2016/07/03



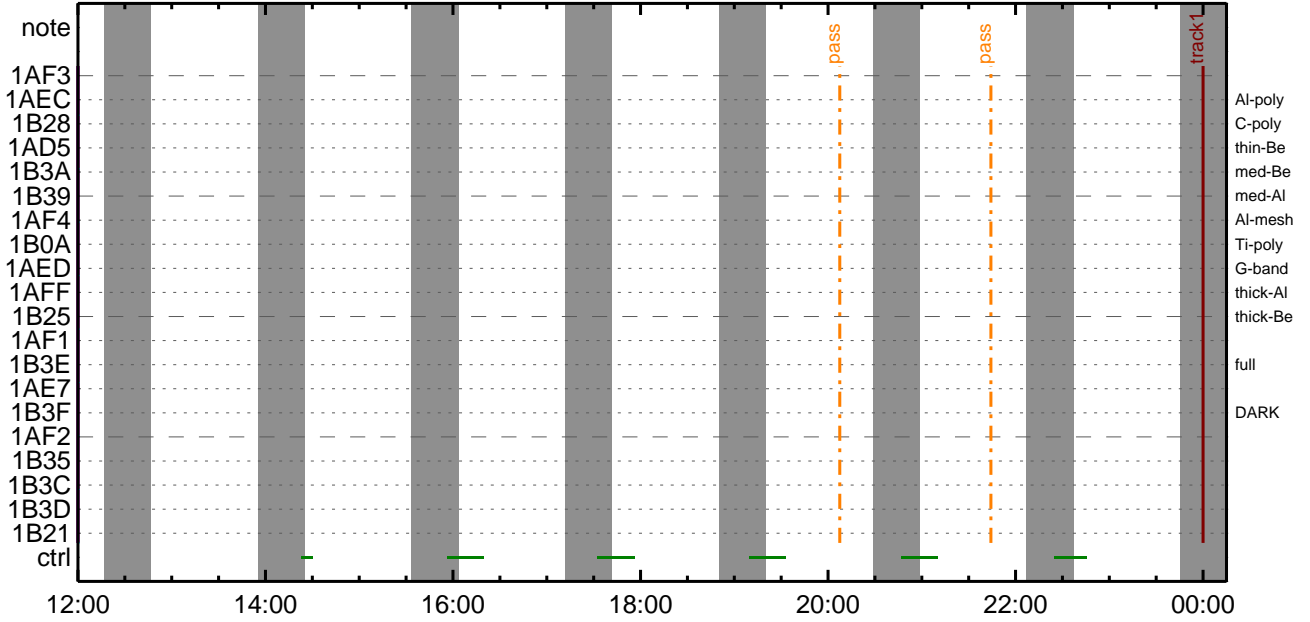
CMDI #0019 2016/07/03



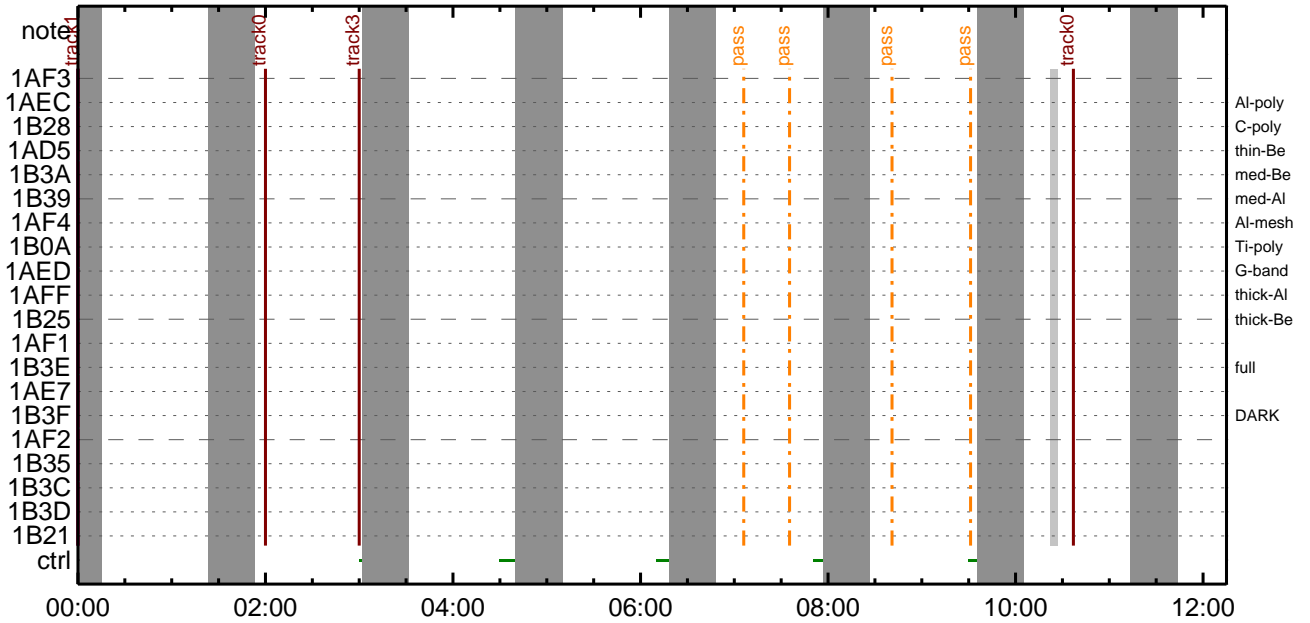
CMDI #0019 2016/07/04



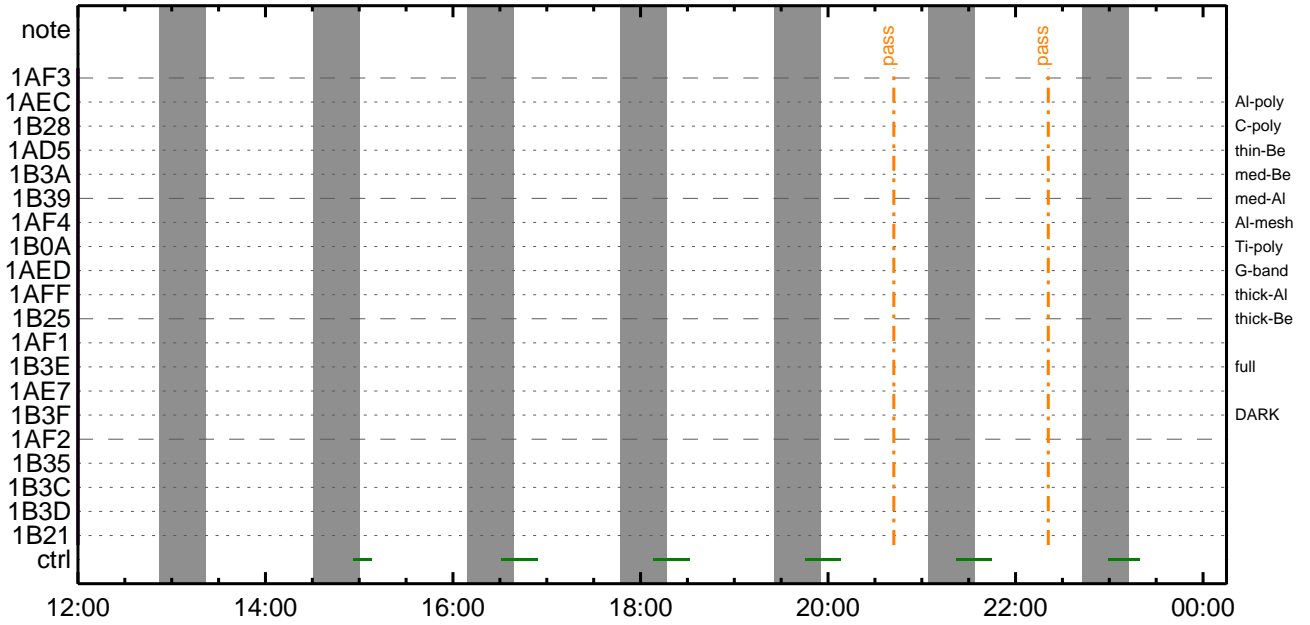
CMDI #0019 2016/07/04



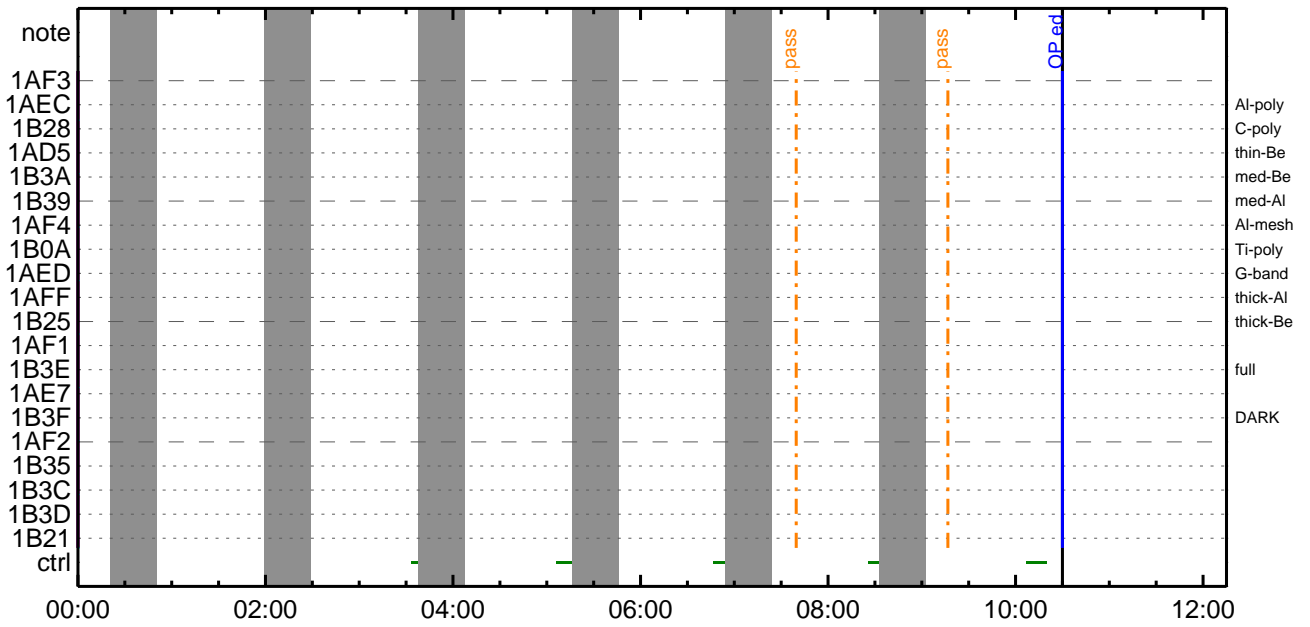
CMDI #0019 2016/07/05



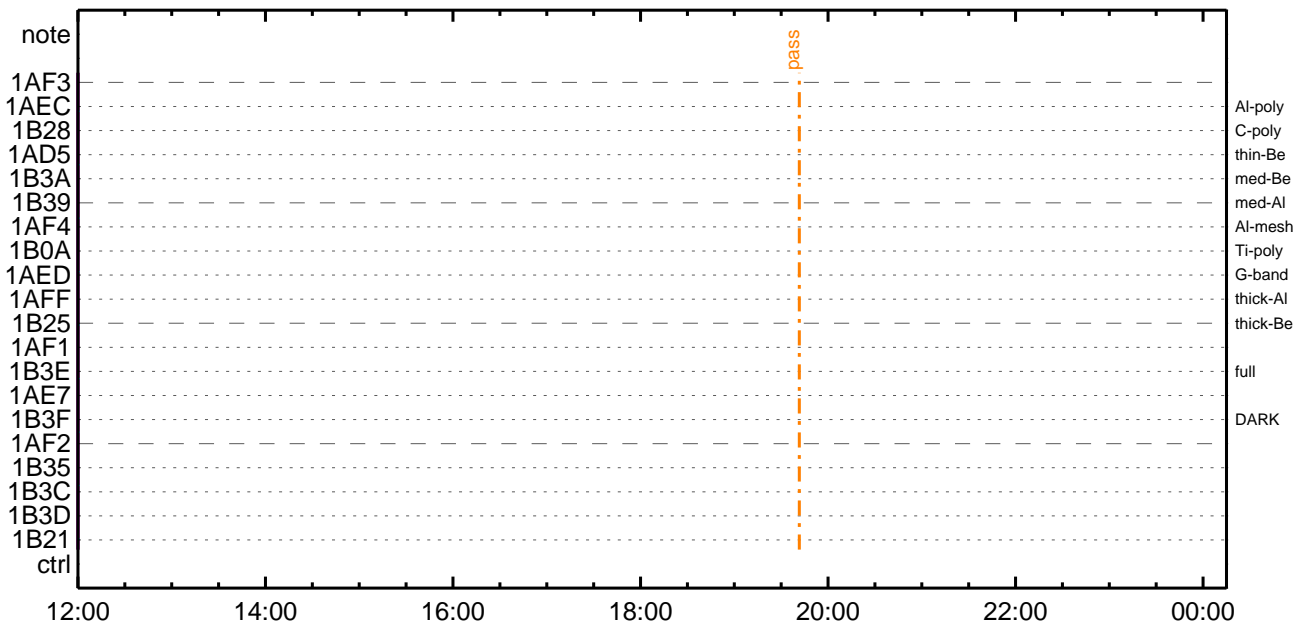
CMDI #0019 2016/07/05



CMDI #0019 2016/07/06



CMDI #0019 2016/07/06




```

0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 +. DC 07-F0 MDP_XRT_CTRL_MANU
0104 BC (c1)
0105 + DC 07-F0 MDP_XRT_MODE_STBY
0106 BC (c3)
0107 . C. ----- Success Verify ? OK / NG ____
0108 C.
0109 C. XRT Obs. Table Upload
0110 . S. RAM ram-291:MDP_OBS_X
0111 ( )
0112 C.
0113 +. DC 07-F0 MDP_DUMP_XRTTBL
0114 BC (84 07 00 00 00 3a d4)
0115 . C. ----- Comparison Check ? OK / ERR ____
0116 C.
0117 C.
0118 +. DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 01 b1 b1 04 04)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 02 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 03 b1 b1 08 08)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 04 b1 b1 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 60 20 18)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 a0 80 18 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 85 83 06 06)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 80 80 20 08)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b 80 80 08 20)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0f 80 80 06 06)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 10 80 80 08 08)
0142 + DC 07-F0 MDP_XRT_FLD_ENA
0143 BC (d8)
0144 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0145 BC (c8)
0146 + DC 07-F0 MDP_XRT_ARS_DIS
0147 BC (d5)
0148 +. DC 07-F0 MDP_XRT_AEC_RESET
0149 BC (d0)
0150 +. DC 07-F0 MDP_XRT_FLD_RESET
0151 BC (da)
0152 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0153 BC (c4 06)
0154 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0155 BC (c5 07)
0156 . C. ----- Success Verify ? OK / NG ____
0157 C.
0158 C.
0159 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0160 C.
0161 +. DC 07-F0 MDP_XRT_MODE_OBSV
0162 BC (c2)
0163 +. TI 2016-06-28 10:40:02.0
0164 DC 07-F0 MDP_XRT_MODE_OBSV
0165 BC (c2)
0166 . C. ----- Success Verify ? OK / NG ____
0167 C.
0168 C. ***** XRT END *****
0169 C.
0170 . C. ***** MDP `úÃîîî»ö¼ÿðÊÄð¹ñèDCBC•x²è *****
0171 C. (%ã°îÿÖÿÄÿËÿÏÿËÿÄÿÇÿÈÿ¼¼¼¼»Û¹¹è)
0172 . S. DC-BC dcbc-402:DCBC
0173 (MDP_known_event)
0174 C.
0175 C.
0176 . C. ***** ÿÐÿ¹•Ï Daily±¿ÎÑñÊ´Ø¹ñèDCBC•x²è *****
0177 . S. DC-BC dcbc-153:DCBC
0178 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0179 C.
0180 C.
0181 . C. ;ãLOSÿÁÿSÿÄÿÿ¼Ä»Û;ã
0182 C.
0183 . C. ***** LOS *****
0184 C.

```

(a) Spacecraft Operation Procedure (real-commands)

```
main-948 2016-06-28 13:47:56 29 33 SOLAR-B MAIN //
0001   C.
0002   . C. ***** AOS *****
0003   C.
0004   . C. ;ãAOSYÁYŞYÁY-¼Á»Û;ã
0005   C.
0006   C. YÀYB;¼Y³YFÝÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008   C.
0009   . C. ***** AOCs : Reload orbital element (send every contact) *****
0010   C.   Áí;È¿µ°Æ»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈèµ•íÍÉ;ÈÈÈ¼°ÇÔ••¿¼i¹ç¿Í;çÀ®, ù¹æèß¿Á+¿®••Èæææ³æÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012   C.
0013   C.
0014   C.
0015   . C. ***** MDP `úÁÍæÍ»ò¼YæÈÁæ¹æèDCBC•x²è *****
0016   C. (%ã°íYÓYÁYÈYßYÈYáYçYèæ¼¼¼¼¼»Û¹æè)
0017   . S. DC-BC dcbc-402:DCBC
0018   (MDP_known_event)
0019   C.
0020   C.
0021   . C. ***** YDÝ¹•Í Daily+¿ÍÑæÉ´Ø¹æèDCBC•x²è *****
0022   . S. DC-BC dcbc-153:DCBC
0023   (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024   C.
0025   C.
0026   . C. ;ãLOSÁYŞYÁY-¼Á»Û;ã
0027   C.
0028   . C. ***** LOS *****
0029   C.
```


Jun 28, 16 13:48

XRT_OGLIST_0019.chk

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*** OP Sequence for XRT ***

2016/06/28	10:50:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	10:50:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	10:50:58.0	XRT_FOCUS_POSITION_438_OG [0x1b6]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/06/28	10:51:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	00 ad 59 00 00				
2016/06/28	10:51:18.0	XRT_FLD_DIS_440_OG [0x1b8]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/06/28	11:05:54.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/06/28	11:05:56.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/06/28	11:05:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2016/06/28	11:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/28	12:50:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	12:50:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	12:50:58.0	XRT_FOCUS_POSITION_438_OG [0x1b6]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/06/28	12:51:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 56 35				
2016/06/28	12:51:18.0	XRT_FLD_DIS_440_OG [0x1b8]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/06/28	13:05:54.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/06/28	13:05:56.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/06/28	13:05:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2016/06/28	13:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/28	14:50:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	14:50:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	14:50:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/06/28	14:51:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/06/28	14:51:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/06/28	14:51:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/06/28	14:51:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/06/28	14:51:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/06/28	14:51:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/28	14:53:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2016/06/28	14:53:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/06/28	14:54:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/28	15:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	15:16:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/28	15:16:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/28	15:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/28	16:03:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/28	16:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/28	16:55:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	16:55:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/28	16:55:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/28	16:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/28	17:40:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/28	17:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/28	17:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	17:56:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/28	17:56:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/06/28	17:57:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/06/28	17:57:18.0	XRT_FLD_DIS_406_OG [0x196]							

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2016/06/28	17:59:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/06/28	17:59:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/06/28	17:59:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/06/28	18:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d
2016/06/28	18:06:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/28	18:06:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/28	18:06:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/28	18:07:00.0	AOCS_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00
2016/06/28	18:07:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03	00 00 00 00
2016/06/28	18:07:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/06/28	18:07:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/06/28	18:07:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/06/28	18:07:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/06/28	18:09:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/28	18:09:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2016/06/28	18:10:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/06/28	18:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/28	18:33:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/28	18:33:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/28	18:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/06/28	19:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/06/28	19:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/06/28	20:11:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/28	20:11:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/28	20:11:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/28	20:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/06/28	20:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/06/28	20:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/06/28	21:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/28	21:50:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/28	21:50:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/28	21:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/06/28	22:29:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/06/28	22:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/06/28	23:28:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/28	23:28:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/28	23:28:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/28	23:31:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/06/28	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/06/28	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/28	23:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	00:00:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2016/06/29	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04	00 00 00 00
2016/06/29	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/06/29	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/06/29	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/06/29	00:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/06/29	00:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da	

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2016/06/29	00:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	07
2016/06/29	00:03:00.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/29	01:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	01:07:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/29	01:07:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/06/29	01:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/06/29	01:37:00.0	XRT_Custom_430_OG [0x1ae]					
2016/06/29	01:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/29	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/06/29	02:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	03 00 00 00 00	
2016/06/29	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/06/29	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/06/29	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/06/29	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/06/29	02:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/29	02:02:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2016/06/29	02:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/06/29	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/29	02:44:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	02:44:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/29	02:44:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/06/29	02:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/06/29	03:15:30.0	XRT_Custom_430_OG [0x1ae]					
2016/06/29	03:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/29	04:12:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	04:12:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/06/29	04:12:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/06/29	04:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/06/29	04:54:00.0	XRT_Custom_430_OG [0x1ae]					
2016/06/29	04:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/29	05:25:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	05:25:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	05:25:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/06/29	05:25:30.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	00 00 00 00 00	
2016/06/29	05:25:48.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/06/29	05:28:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/06/29	05:28:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/06/29	05:28:28.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2016/06/29	05:28:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/06/29	05:35:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	05:35:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/06/29	05:35:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/06/29	05:35:30.0	AOCS_Ore-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	03 00 00 00 00	
2016/06/29	05:35:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/06/29	05:35:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/06/29	05:35:52.0	XRT_AEC_RESET_448_OG [0x1c0]					

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2016/06/29	05:35:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/06/29	05:35:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/06/29	05:38:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	05:38:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2016/06/29	05:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/06/29	05:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	05:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	05:53:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	05:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	06:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	06:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	07:33:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	07:33:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	07:33:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	07:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	08:10:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	08:11:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	09:13:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	09:13:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	09:13:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	09:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	09:49:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	09:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	10:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	10:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	10:55:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	10:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	11:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	11:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	12:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	12:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	12:35:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	12:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	13:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	13:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	14:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	14:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	14:14:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	14:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	14:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	14:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	15:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	15:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	15:52:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	15:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	16:33:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	16:33:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	16:33:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	16:34:00.0	AOCS_ORe-point_Start_6_OG [0x09c]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
		AOCU_NM		5	02-76	02 00 00 00 00

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2016/06/29	16:34:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/06/29	16:34:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/06/29	16:34:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/06/29	16:34:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/06/29	16:34:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	16:36:56.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2016/06/29	16:36:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/06/29	16:38:01.0	XRT_Custom_430_OG [0x1ae]			
2016/06/29	16:39:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	17:30:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	17:30:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	17:30:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	17:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	18:14:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	18:14:58.0	XRT_FOCUS_POSITION_403_OG [0x193]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/06/29	18:15:00.0	AOCS_Or-e-point_Start_4_OG [0x09a]			
		AOCU_NM	5	02-76	00 00 00 00 00
2016/06/29	18:15:18.0	XRT_FLD_DIS_406_OG [0x196]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2016/06/29	18:17:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/06/29	18:17:56.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/06/29	18:17:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/06/29	18:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	18:24:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	18:24:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	18:24:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/06/29	18:25:00.0	AOCS_Or-e-point_Start_3_OG [0x099]			
		AOCU_NM	5	02-76	03 00 00 00 00
2016/06/29	18:25:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2016/06/29	18:25:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/06/29	18:25:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2016/06/29	18:25:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2016/06/29	18:25:26.0	XRT_FLD_RESET_433_OG [0x1b1]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	18:27:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b
2016/06/29	18:27:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/06/29	18:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	19:09:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	19:09:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	19:09:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	19:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	19:51:30.0	XRT_Custom_430_OG [0x1ae]			
2016/06/29	19:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	20:47:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	20:47:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2016/06/29	20:47:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/06/29	20:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/06/29	21:29:00.0	XRT_Custom_430_OG [0x1ae]			
2016/06/29	21:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/06/29	22:25:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/06/29	22:25:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da

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2016/06/29	22:25:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/29	22:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/29	23:03:30.0	XRT_Custom_430_OG [0x1ae]							
2016/06/29	23:04:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/29	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/29	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/29	23:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/06/30	00:00:00.0	AOCS_OrE-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2016/06/30	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/06/30	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/06/30	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/06/30	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/06/30	00:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	00:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06				
2016/06/30	00:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/06/30	00:34:30.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	00:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	01:42:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	01:42:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	01:42:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	01:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	01:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/06/30	02:00:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/06/30	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/06/30	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/06/30	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/06/30	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/06/30	02:00:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	02:02:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2016/06/30	02:02:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/06/30	02:12:30.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	02:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	03:19:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	03:19:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	03:19:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	03:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	03:51:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	03:52:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	04:49:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	04:49:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	04:49:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	04:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	05:29:30.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	05:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				

2016/06/30	06:00:00.0	AOCS_OrE-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	00	00	00	00
2016/06/30	06:00:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/06/30	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/06/30	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/06/30	06:02:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2016/06/30	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2016/06/30	06:10:00.0	AOCS_OrE-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03	00	00	00	00
2016/06/30	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/06/30	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/06/30	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/06/30	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/06/30	06:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	06:12:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2016/06/30	06:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2016/06/30	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	06:29:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	06:29:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	06:29:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	06:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	07:08:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	07:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	08:09:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	08:09:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	08:09:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	08:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	08:46:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	08:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	09:49:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	09:49:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	09:49:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	09:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	10:24:30.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	10:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	11:32:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	11:32:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	11:32:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	11:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	12:03:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	12:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	13:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/06/30	13:11:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/06/30	13:11:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/06/30	13:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/06/30	13:41:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	13:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/06/30	14:49:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				

2016/06/30	23:34:00.0	XRT_Custom_430_OG [0x1ae]							
2016/06/30	23:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/01	00:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	00:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/01	00:39:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/01	00:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/01	01:10:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/01	01:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/01	02:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	02:17:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/01	02:17:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/01	02:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/01	02:48:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/01	02:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/01	03:46:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	03:46:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/01	03:46:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/01	03:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/01	04:26:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/01	04:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/01	05:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	05:25:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/01	05:25:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/01	05:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/01	06:10:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	06:10:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	06:10:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/01	06:10:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/07/01	06:10:48.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/01	06:13:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/01	06:13:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/01	06:13:28.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2016/07/01	06:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/01	06:20:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	06:20:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	06:20:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/07/01	06:20:30.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/07/01	06:20:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/01	06:20:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/07/01	06:20:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/07/01	06:20:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/01	06:20:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/01	06:23:26.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2016/07/01	06:23:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/07/01	06:23:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/01	07:05:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/01	07:05:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/01	07:05:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/01	07:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

2016/07/01	07:43:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/01	07:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/07/01	08:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	08:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	08:45:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/01	08:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/01	09:21:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/01	09:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/07/01	10:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	10:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	10:26:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/01	10:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/01	11:00:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/01	11:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/07/01	12:08:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	12:08:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	12:08:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/01	12:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/01	12:38:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/01	12:39:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/07/01	13:46:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	13:46:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	13:46:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/01	13:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/01	14:21:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/01	14:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/07/01	15:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	15:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	15:25:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/01	15:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/01	16:11:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/01	16:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/07/01	17:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	17:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	17:03:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/01	17:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/01	17:48:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/01	17:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2016/07/01	18:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	18:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	18:03:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	18:04:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/07/01	18:04:18.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00
2016/07/01	18:06:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/07/01	18:06:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/07/01	18:06:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/07/01	18:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/07/01	18:13:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/01	18:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/01	18:13:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1

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2016/07/01	18:14:00.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
		AOCU_NM		5	02-76	00	00	00	56 35
2016/07/01	18:14:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/07/01	18:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/07/01	18:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/07/01	18:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/07/01	18:14:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/01	18:16:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	06		
2016/07/01	18:16:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07		
2016/07/01	18:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/01	18:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/01	18:41:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/01	18:41:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/01	18:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/01	19:25:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/01	19:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/01	20:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/01	20:20:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/01	20:20:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/01	20:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/01	21:02:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/01	21:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/01	21:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/01	21:58:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/01	21:58:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/01	22:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/01	22:37:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/01	22:38:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/01	23:36:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/01	23:36:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/01	23:36:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/01	23:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/02	00:07:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/02	00:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	01:15:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	01:15:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	01:15:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	01:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/02	01:45:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/02	01:46:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	02:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	02:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	02:52:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	02:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/02	03:23:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/02	03:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	04:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	04:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	04:21:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	04:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			

2016/07/02	05:02:00.0	XRT_Custom_430_OG [0x1ae]						
2016/07/02	05:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	06:01:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	06:01:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	06:01:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	06:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/02	06:41:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	06:41:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	06:41:58.0	XRT_FOCUS_POSITION_403_OG [0x193]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2016/07/02	06:42:00.0	AOCS_Ore-point_Start_4_OG [0x09a]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2016/07/02	06:42:18.0	XRT_FLD_DIS_406_OG [0x196]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2016/07/02	06:44:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2016/07/02	06:44:56.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/07/02	06:44:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d			
2016/07/02	06:45:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	06:51:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	06:51:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	06:51:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2016/07/02	06:52:00.0	AOCS_Ore-point_Start_3_OG [0x099]						
		AOCU_NM	5	02-76	03 00 00 00 00			
2016/07/02	06:52:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2016/07/02	06:52:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2016/07/02	06:52:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2016/07/02	06:52:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2016/07/02	06:52:26.0	XRT_FLD_RESET_433_OG [0x1b1]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	06:54:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b			
2016/07/02	06:54:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07			
2016/07/02	06:55:00.0	XRT_CTRL_AUTO_408_OG [0x198]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	07:42:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	07:42:02.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	07:42:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	07:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/02	08:19:00.0	XRT_Custom_430_OG [0x1ae]						
2016/07/02	08:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	09:21:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	09:21:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	09:21:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	09:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/02	09:57:00.0	XRT_Custom_430_OG [0x1ae]						
2016/07/02	09:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	11:05:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	11:05:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	11:05:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	11:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2016/07/02	11:35:30.0	XRT_Custom_430_OG [0x1ae]						
2016/07/02	11:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2016/07/02	12:43:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2016/07/02	12:43:32.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2016/07/02	12:43:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2016/07/02	12:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						

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2016/07/02	13:14:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/02	13:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
2016/07/02	14:22:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/02	14:22:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	14:22:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/02	14:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/02	14:59:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/02	15:00:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]								
2016/07/02	16:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/02	16:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	16:00:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/02	16:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/02	16:46:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/02	16:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
2016/07/02	17:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/02	17:39:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	17:39:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/02	17:39:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/02	17:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/02	18:22:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	18:22:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	18:22:58.0	XRT_FOCUS_RECALIBRATE_445_OG [0x1bd]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	18:23:00.0	AOCs_OrE-point_Start_4_OG [0x09a]	XRT_FOCUS_RECAL	2	07-F8	78 00				
2016/07/02	18:26:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	AOCU_NM	5	02-76	00 00 00 00 00				
2016/07/02	18:27:18.0	XRT_FLD_DIS_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/02	18:29:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/02	18:29:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/02	18:29:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/02	18:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2016/07/02	18:32:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/02	18:32:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	18:32:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	18:33:00.0	AOCs_OrE-point_Start_3_OG [0x099]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/07/02	18:33:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 00 00 00 00				
2016/07/02	18:33:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/02	18:33:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/07/02	18:33:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/07/02	18:33:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/02	18:35:56.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/02	18:35:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2016/07/02	18:36:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/07/02	19:17:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/02	19:17:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	19:17:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/02	19:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/02	20:00:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/02	20:01:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]								
2016/07/02	20:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/02	20:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	20:55:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				

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2016/07/02	20:55:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/02	20:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/02	21:37:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/02	21:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/02	22:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/02	22:34:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/02	22:34:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/02	22:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/02	23:11:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/02	23:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/03	00:12:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/03	00:12:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/03	00:12:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/03	00:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/03	00:42:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/03	00:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/03	01:50:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/03	01:50:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/03	01:50:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/03	01:53:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/03	02:21:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/03	02:22:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/03	03:27:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/03	03:27:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/03	03:27:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/03	03:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/03	03:59:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/03	04:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/03	04:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/03	04:57:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/03	04:57:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/03	05:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/03	05:53:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/03	05:53:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/03	05:53:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/03	05:54:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/07/03	05:54:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/03	05:56:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/03	05:56:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/03	05:56:58.0	XRT_QT_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2016/07/03	05:57:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/03	06:04:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/07/03	06:04:30.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/03	06:05:00.0	XRT_TCIB_XRT_S_HTR_A_ENA_417_OG [0x1a1]							
		TCIB_XRT_S_HTR_A_ENA	0	04-BC					
2016/07/03	23:37:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2016/07/04	02:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				
2016/07/05	00:00:00.0	AOCS_Ore-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	01 00 00 00 00				
2016/07/05	02:00:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/07/05	03:00:00.0	AOCS_Ore-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	03 00 00 00 00				

2016/07/05 10:37:00.0 AOCs_OrE-point_Start_4_OG [0x09a]
AOCU_NM 5 02-76 00 00 00 00 00