

XRT Timeline to be uploaded on 2016/07/26

Period: 2016/07/26 10:53:00 - 2016/08/03 09:36:00

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Normal mode

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XOB #1AF1: CCD Monitor During Bakeout - G-band 3ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(512ms), Al/Poly(1443ms) - w leak image-3ms

Term	Pointing (x, y)	Comment
07/27 12:03:00 - 07/27 12:09:54	Fixed (-528.4, -528.4)	XRT Post bake out (1/4)
PROG= 09 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 86 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (1536, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 54 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band close Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1AF2: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

Term	Pointing (x, y)	Comment
07/27 12:13:00 - 07/27 12:19:54	Fixed (528.4, -528.4)	XRT Post bake out (2/4)
PROG= 05 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 15 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 1536) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (512, 1536) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 54 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band close Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1AF3: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

Term	Pointing (x, y)	Comment
07/27 12:23:00 - 07/27 12:29:54	Fixed (528.4, 528.4)	XRT post bake out (3/4)
PROG= 20 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 35 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (512, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (512, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		
└─ Seqn= 55 2-time(s) 2.0sec		
└─ Open/Al-mesh	Open/Ti-poly close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Al-poly/Open	med-Be/Open close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
└─ Subr= 3 2-time(s) 2.0sec		
└─ Seqn= 54 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band close Safe Norm 3ms Obs 1x1 2048x2048 (1024, 1024) Q=95 0 0 2.0sec	
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval	

XOB #1AF4: CCD Monitor During Bakeout - G-Band 3ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (512ms), Al/Poly (1443ms) - w leak image-3 ms

Term	Pointing (x, y)	Comment
07/27 12:33:00 - 07/27 12:39:54	Fixed (-528.4, 528.4)	XRT Post bake out (4/4)
PROG= 14 1-time(s)		
└─ Subr= 1 1-time(s) 2.0sec		
└─ Seqn= 3 1-time(s) 2.0sec		
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/G-band	Open/G-band open Safe Norm 3ms Obs 1x1 1024x1024 (1536, 512) Q=90 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Open/thick-Be	Open/thick-Be close Safe Dark 3ms Obs 1x1 1024x1024 (1536, 512) Q=98 0 0 2.0sec	
└─ Subr= 2 1-time(s) 2.0sec		

07/28 08:14:00 - 07/28 17:59:54 Track (-588.8, -377.7) ^{Ⓢ 07/28 08:11:00} Tracking new AR
 07/28 18:13:00 - 07/29 03:46:54 Track (-522.5, -383.3) ^{Ⓢ 07/28 18:10:00} Tracking new AR
 07/29 04:37:00 - 07/29 17:16:00 Track (-453.0, -388.2) ^{Ⓢ 07/29 03:57:00} Tracking new AR
 07/29 18:13:00 - 07/30 03:59:54 Track (-345.0, -394.3) ^{Ⓢ 07/29 18:10:00} Tracking new AR

PROG= 03 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		
Seqn= 42		3-time(s)		2.0sec											
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec		
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	512x512	(1064, 1048)	Q=95	3	0	2.0sec		
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec		
Seqn= 32		30-time(s)		120.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	2.0sec		
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	0	34.0sec		
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec		
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	34.0sec		
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec		
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	2	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval			

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
07/28 04:26:00 - 07/28 06:09:54	Fixed (0.0, 930.0)	co-alignment program (North limb)
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 1024x1024 (1536, 1536) 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 1024x1024 (1536, 1536) 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 1024x1024 (1536, 1536) 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
07/28 06:25:00 - 07/28 08:10:54	Fixed (-970.0, 0.0)	co-alignment program (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 1024x1024 (512, 1536) 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 1024x1024 (512, 1536) 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 1024x1024 (512, 1536) Q=95 0 0 2.0sec
Default Filter	Thicker Filter	VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval

XOB #1B42: Synoptic Q95 2x2 - Al/mesh(12/181/1024)+Al/poly(24/362/1443)+Thin_be(88/1024/5795)+Med_Al(512/2897/32768)+Med_be(256/2048/23142)+Gbn

Term	Pointing (x, y)	Comment
07/28 18:03:00 - 07/28 18:09:54	Fixed (0.0, 0.0)	synoptic
07/29 18:03:00 - 07/29 18:09:54	Fixed (0.0, 0.0)	synoptic
07/30 17:42:30 - 07/30 17:49:24	Fixed (0.0, 0.0)	synoptic, shifted -20.5 min
07/31 18:07:30 - 07/31 18:14:24	Fixed (0.0, 0.0)	synoptic, shifted 4.5 min
08/01 18:11:30 - 08/01 18:18:24	Fixed (0.0, 0.0)	synoptic, shifted 8.5 min

PROG= 08 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= 91		1-time(s)		2.0sec											
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		1-time(s)		2.0sec											
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		1-time(s)		2.0sec											
thin-Be/Open	thin-Be/Open	close	Safe	Norm	86ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec		
Seqn= 21		1-time(s)		2.0sec											

	med-AI/Open	med-AI/thick-AI	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-AI/Open	med-AI/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-AI/Open	med-AI/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 90		1-time(s)	2.0sec										
	med-Be/Open	Open/thick-AI	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	med-Be/Open	med-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54		1-time(s)	2.0sec										
	Open/G-band	Open/G-band	open	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	3ms	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

XOB #1AD5: CME watch - 4x4 - AEC 2 - Be-thin - G-band (2x2,1ms) - Leak (2x2,1ms) - 60s cad

Term	Pointing (x, y)	Comment											
07/30 04:13:00 - 07/30 17:39:24	Track (-265.0, -397.6) ^{Ⓢ 07/30 04:10:00}	Tracking new AR											
07/30 18:36:00 - 07/31 05:59:54	Track (-152.1, -401.0) ^{Ⓢ 07/30 17:49:30}	Tracking new AR											
07/31 06:13:00 - 07/31 18:04:24	Track (-47.8, -402.8) ^{Ⓢ 07/31 06:10:00}	Tracking new AR											
07/31 18:17:30 - 08/01 05:46:00	Track (55.0, -403.3) ^{Ⓢ 07/31 18:14:30}	Tracking new AR											
08/01 06:38:30 - 08/01 17:25:00	Track (159.4, -402.6) ^{Ⓢ 08/01 06:35:30}	Tracking new AR											
08/01 18:21:30 - 08/02 05:54:24	Track (256.3, -400.7) ^{Ⓢ 08/01 18:18:30}	Tracking new AR											
08/02 06:07:30 - 08/02 08:02:30	Track (350.5, -397.7) ^{Ⓢ 08/02 06:04:30}	Tracking new AR											
PROG= 17 Inf.-time(s)													
Subr= 1 60-time(s) 60.0sec													
Seqn= 29 1-time(s) 4.0sec													
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	2	0	2.0sec	
Subr= 2 1-time(s) 2.0sec													
Seqn= 26 1-time(s) 2.0sec													
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=90	0	0	2.0sec	
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec	
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval	

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Flare mode

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

Term	Pointing (x, y)	Comment											
07/27 12:43:00 - 07/27 15:54:54	Track (-702.3, -365.3) ^{Ⓢ 07/27 12:40:00}	Track new AR											
07/27 16:51:30 - 07/28 00:00:00	Track (-684.1, -367.6) ^{Ⓢ 07/27 16:05:00}	Track new AR / HOP 318 Hi-C launch window (18:26-19:13)											
07/28 00:03:06 - 07/28 03:30:30	Track (-684.1, -367.6) ^{Ⓢ 07/27 16:05:00}	Track new AR / HOP 318 Hi-C launch window (18:26-19:13)											
07/28 08:14:00 - 07/28 17:59:54	Track (-588.8, -377.7) ^{Ⓢ 07/28 08:11:00}	Tracking new AR											
07/28 18:13:00 - 07/29 03:46:54	Track (-522.5, -383.3) ^{Ⓢ 07/28 18:10:00}	Tracking new AR											
07/29 04:37:00 - 07/29 17:16:00	Track (-453.0, -388.2) ^{Ⓢ 07/29 03:57:00}	Tracking new AR											
07/29 18:13:00 - 07/30 03:59:54	Track (-345.0, -394.3) ^{Ⓢ 07/29 18:10:00}	Tracking new AR											
07/30 04:13:00 - 07/30 17:39:24	Track (-265.0, -397.6) ^{Ⓢ 07/30 04:10:00}	Tracking new AR											
07/30 18:36:00 - 07/31 05:59:54	Track (-152.1, -401.0) ^{Ⓢ 07/30 17:49:30}	Tracking new AR											
07/31 06:13:00 - 07/31 18:04:24	Track (-47.8, -402.8) ^{Ⓢ 07/31 06:10:00}	Tracking new AR											
07/31 18:17:30 - 08/01 05:46:00	Track (55.0, -403.3) ^{Ⓢ 07/31 18:14:30}	Tracking new AR											
08/01 06:38:30 - 08/01 17:25:00	Track (159.4, -402.6) ^{Ⓢ 08/01 06:35:30}	Tracking new AR											
08/01 18:21:30 - 08/02 05:54:24	Track (256.3, -400.7) ^{Ⓢ 08/01 18:18:30}	Tracking new AR											
08/02 06:07:30 - 08/02 08:02:30	Track (350.5, -397.7) ^{Ⓢ 08/02 06:04:30}	Tracking new AR											
PROG= 07 30-time(s)													
Subr= 1 20-time(s) 2.0sec													
Seqn= 11 1-time(s) 2.0sec													
AI-poly/Open	AI-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													
AI-poly/Open	AI-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

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NOT USED

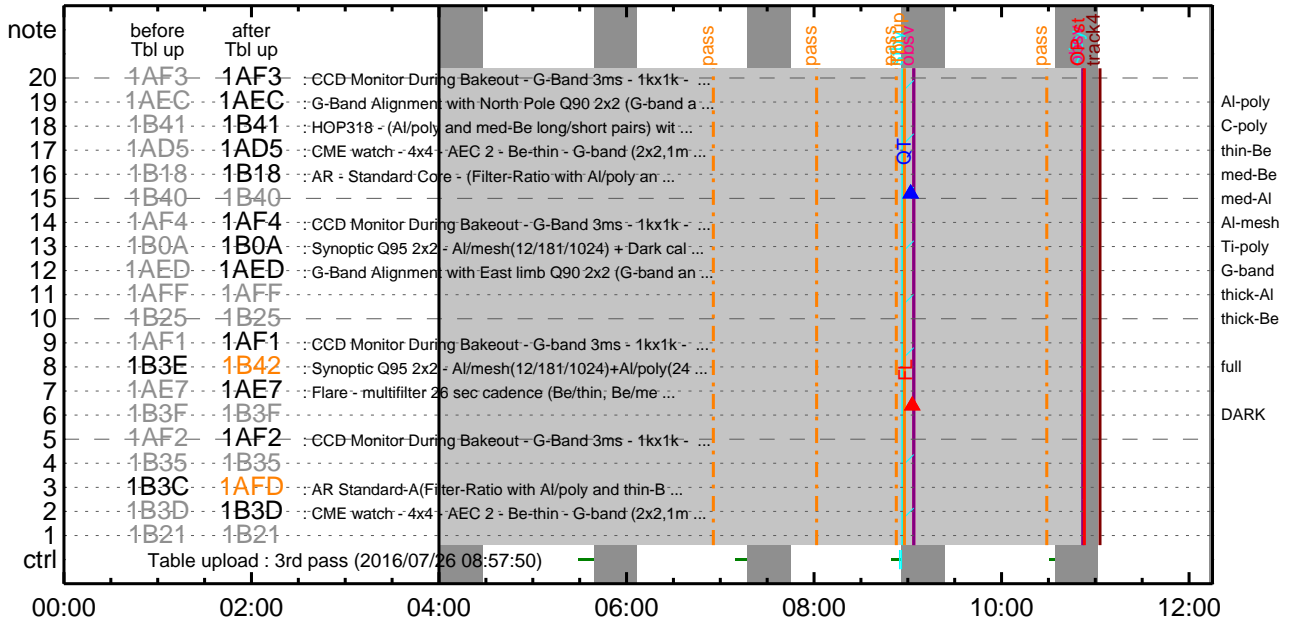
* * * * *

Flare Detection

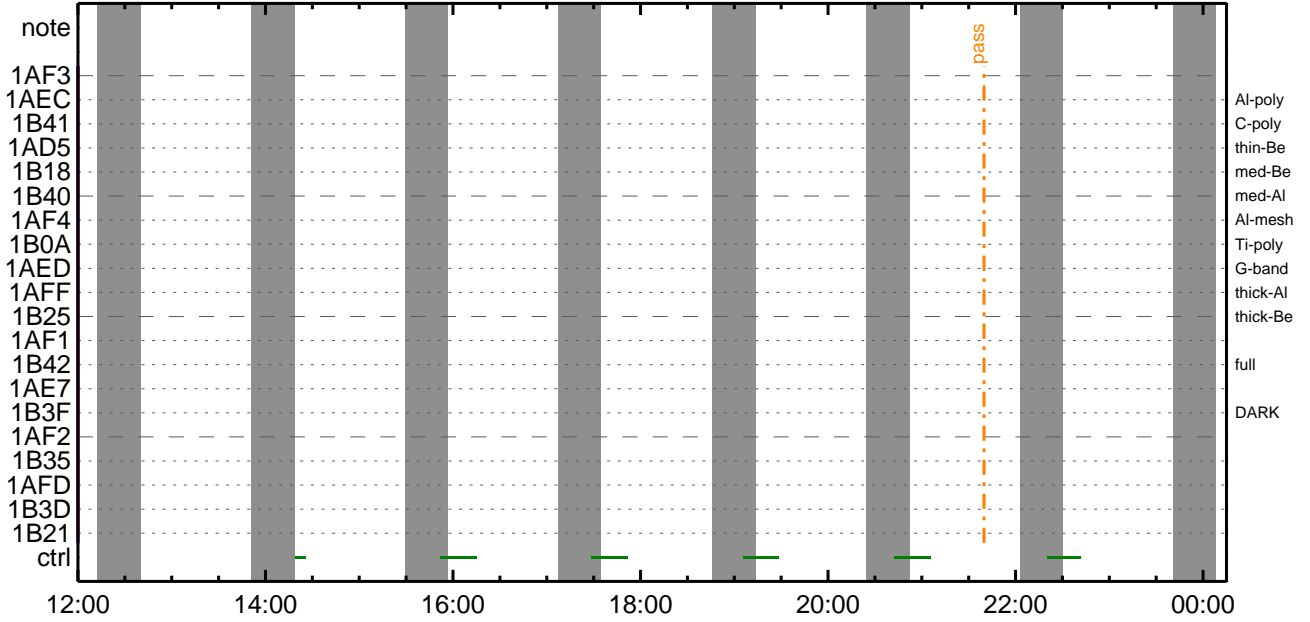
* * * * *

Term	Pointing (x, y)	Comment
07/27 12:40:18 - 07/27 15:55:23	Track (-702.3, -365.3) ^{Ⓢ 07/27 12:40:00}	Track new AR
07/27 16:05:18 - 07/28 04:01:18	Track (-684.1, -367.6) ^{Ⓢ 07/27 16:05:00}	Track new AR / HOP 318 Hi-C launch window (18:26-19:13)
07/28 08:11:18 - 07/28 18:00:18	Track (-588.8, -377.7) ^{Ⓢ 07/28 08:11:00}	Tracking new AR
07/28 18:10:18 - 07/29 03:47:18	Track (-522.5, -383.3) ^{Ⓢ 07/28 18:10:00}	Tracking new AR
07/29 03:57:18 - 07/29 18:00:18	Track (-453.0, -388.2) ^{Ⓢ 07/29 03:57:00}	Tracking new AR
07/29 18:10:18 - 07/30 04:00:18	Track (-345.0, -394.3) ^{Ⓢ 07/29 18:10:00}	Tracking new AR
07/30 04:10:18 - 07/30 17:39:48	Track (-265.0, -397.6) ^{Ⓢ 07/30 04:10:00}	Tracking new AR
07/30 17:49:48 - 07/31 06:00:18	Track (-152.1, -401.0) ^{Ⓢ 07/30 17:49:30}	Tracking new AR
07/31 06:10:18 - 07/31 18:04:48	Track (-47.8, -402.8) ^{Ⓢ 07/31 06:10:00}	Tracking new AR
07/31 18:14:48 - 08/01 06:25:48	Track (55.0, -403.3) ^{Ⓢ 07/31 18:14:30}	Tracking new AR
08/01 06:35:48 - 08/01 18:08:48	Track (159.4, -402.6) ^{Ⓢ 08/01 06:35:30}	Tracking new AR
08/01 18:18:48 - 08/02 05:54:48	Track (256.3, -400.7) ^{Ⓢ 08/01 18:18:30}	Tracking new AR
08/02 06:04:48 - 08/03 09:36:00	Track (350.5, -397.7) ^{Ⓢ 08/02 06:04:30}	Tracking new AR
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

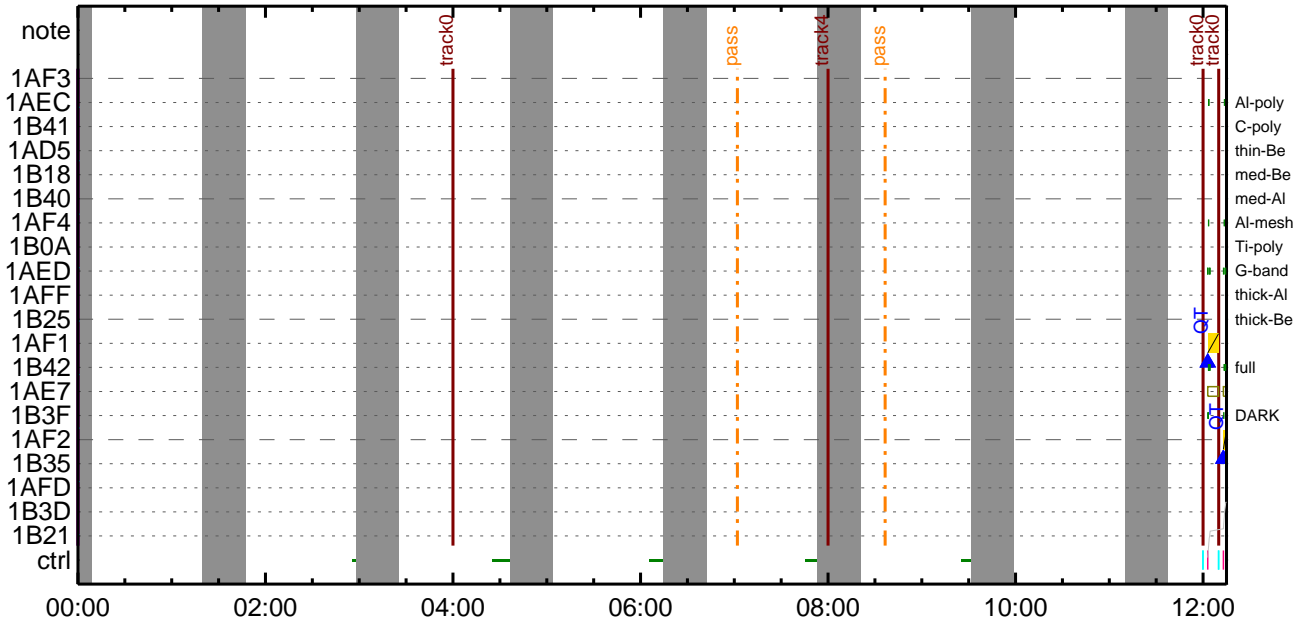
CMDI #0073 2016/07/26



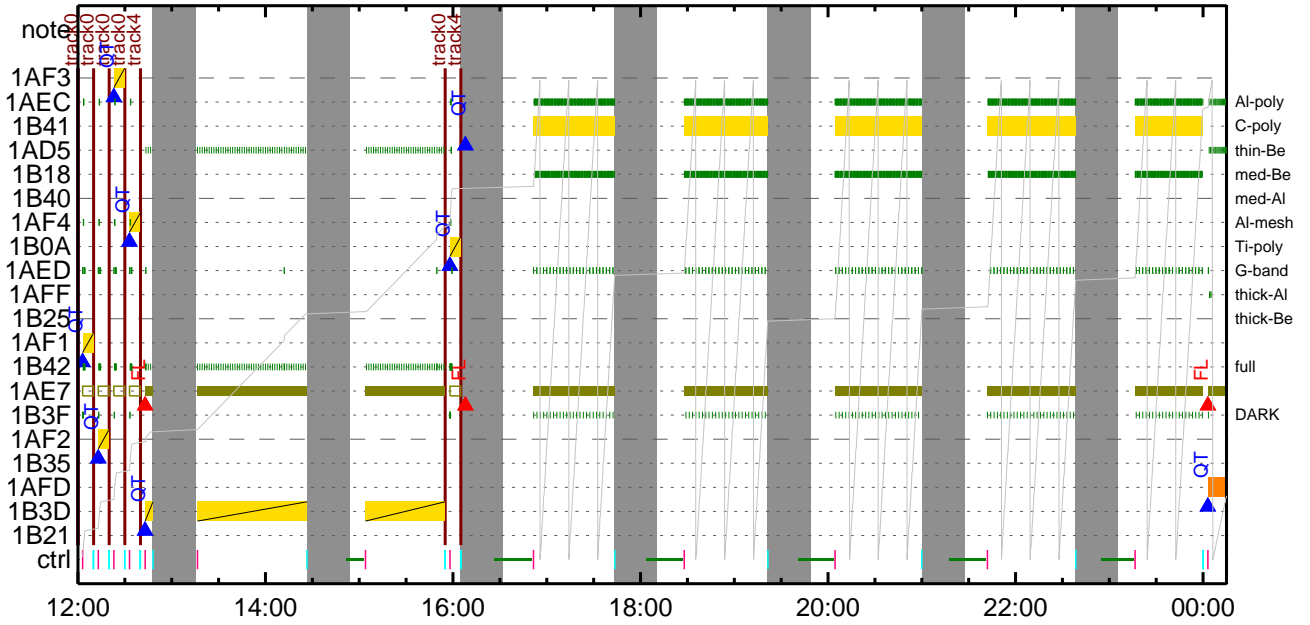
CMDI #0073 2016/07/26



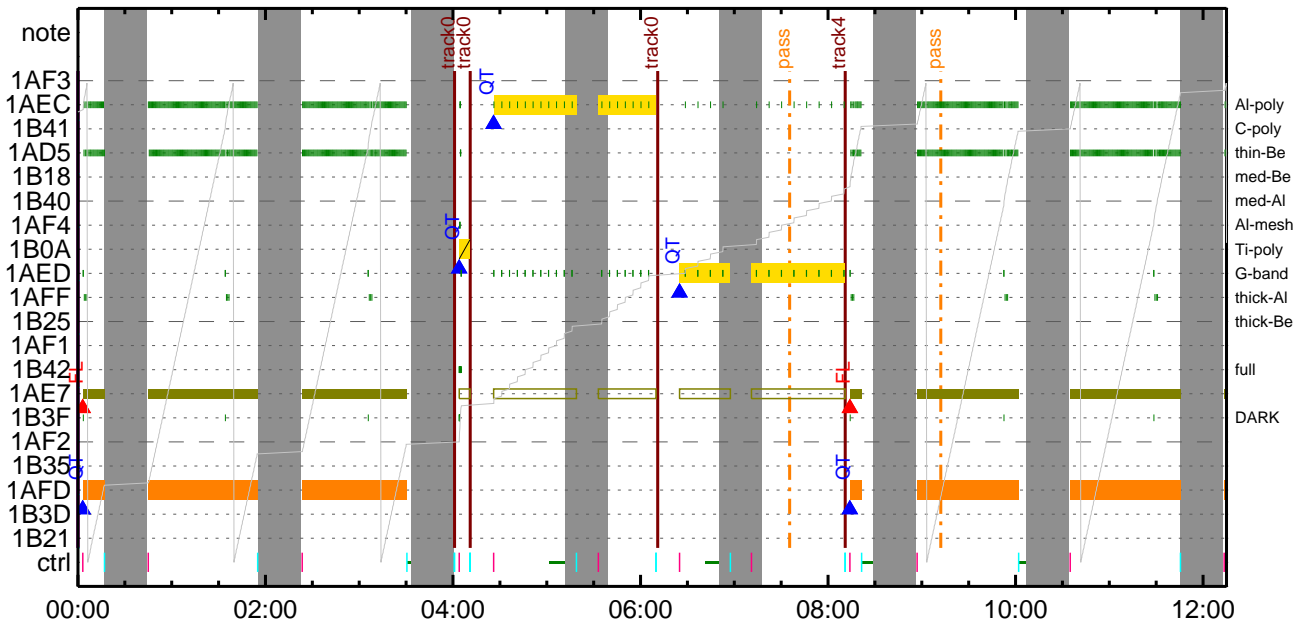
CMDI #0073 2016/07/27



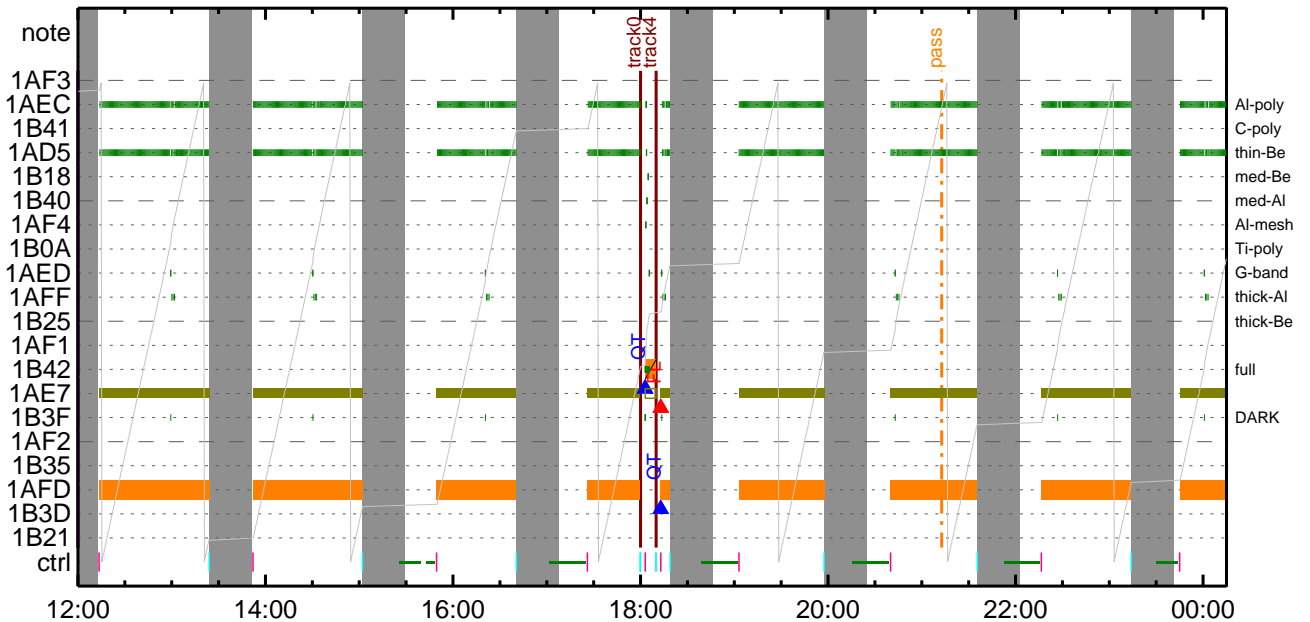
CMDI #0073 2016/07/27



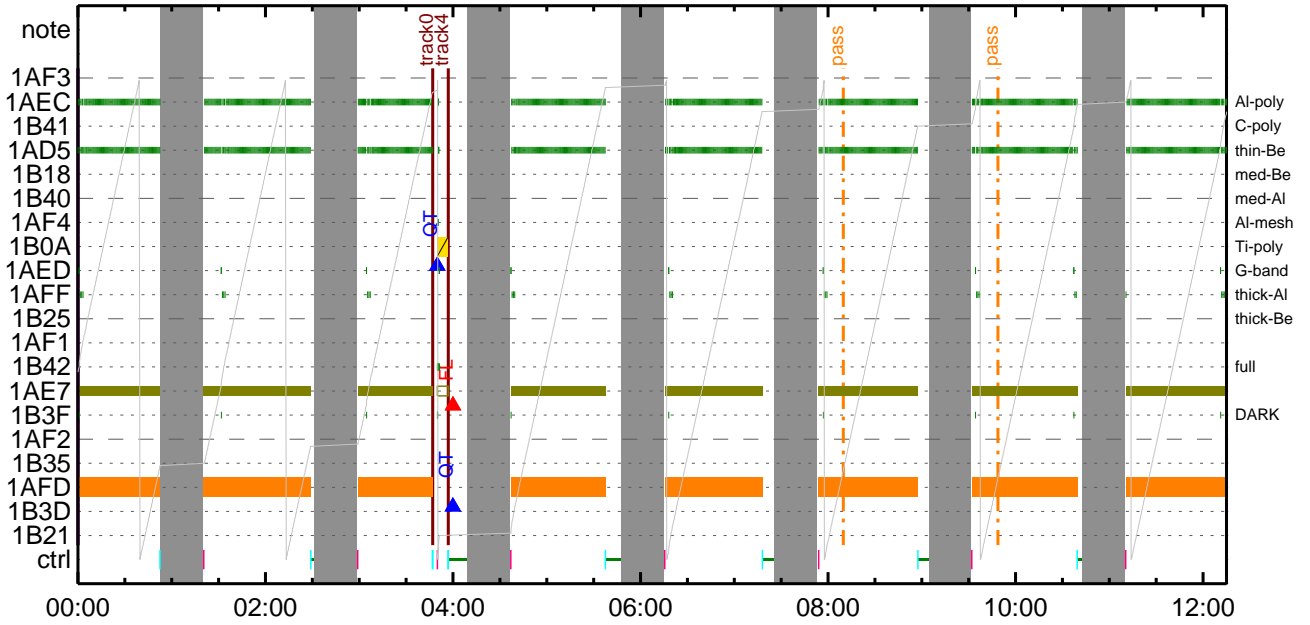
CMDI #0073 2016/07/28



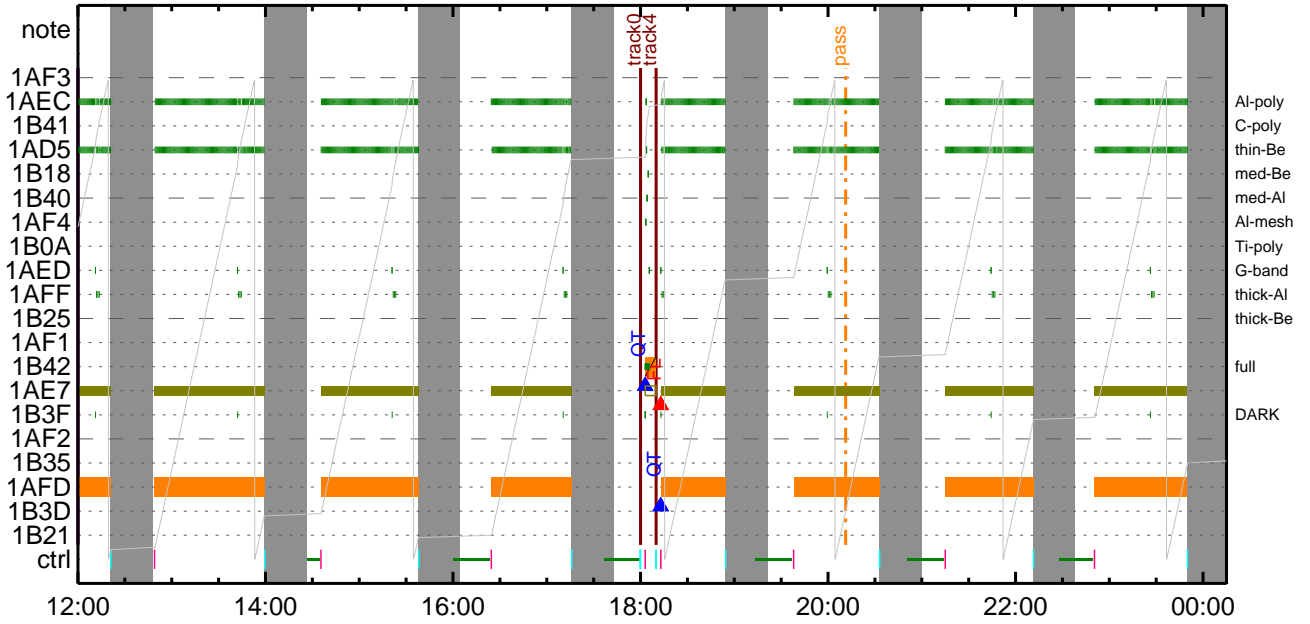
CMDI #0073 2016/07/28



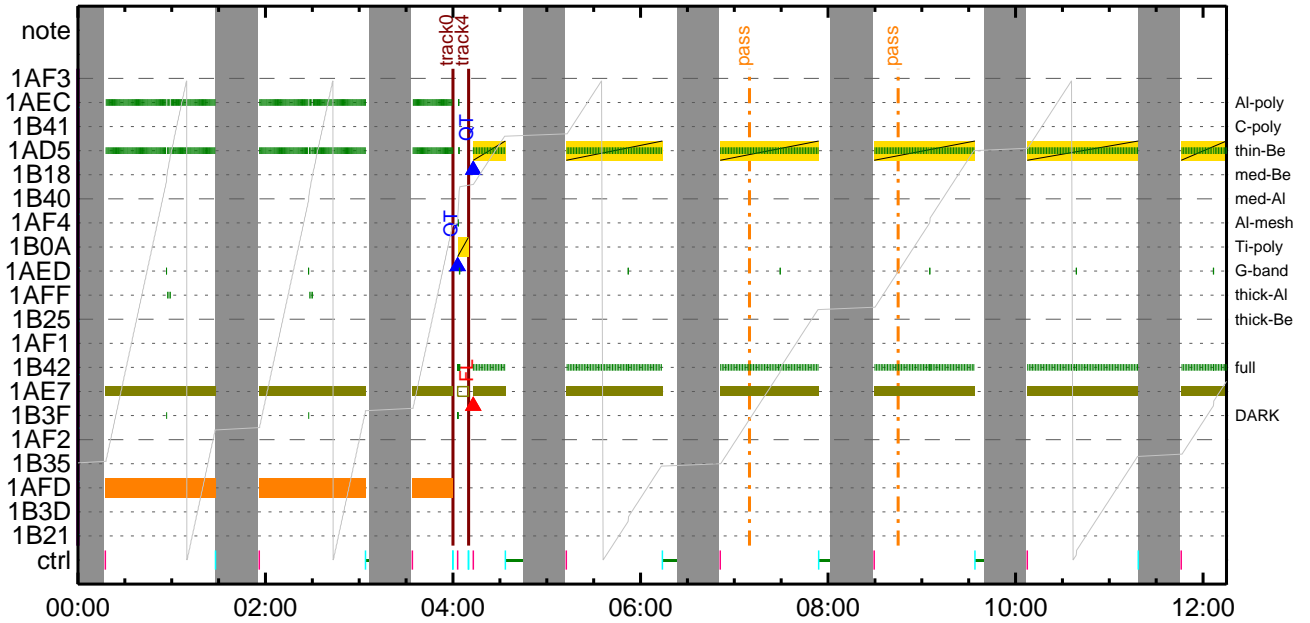
CMDI #0073 2016/07/29



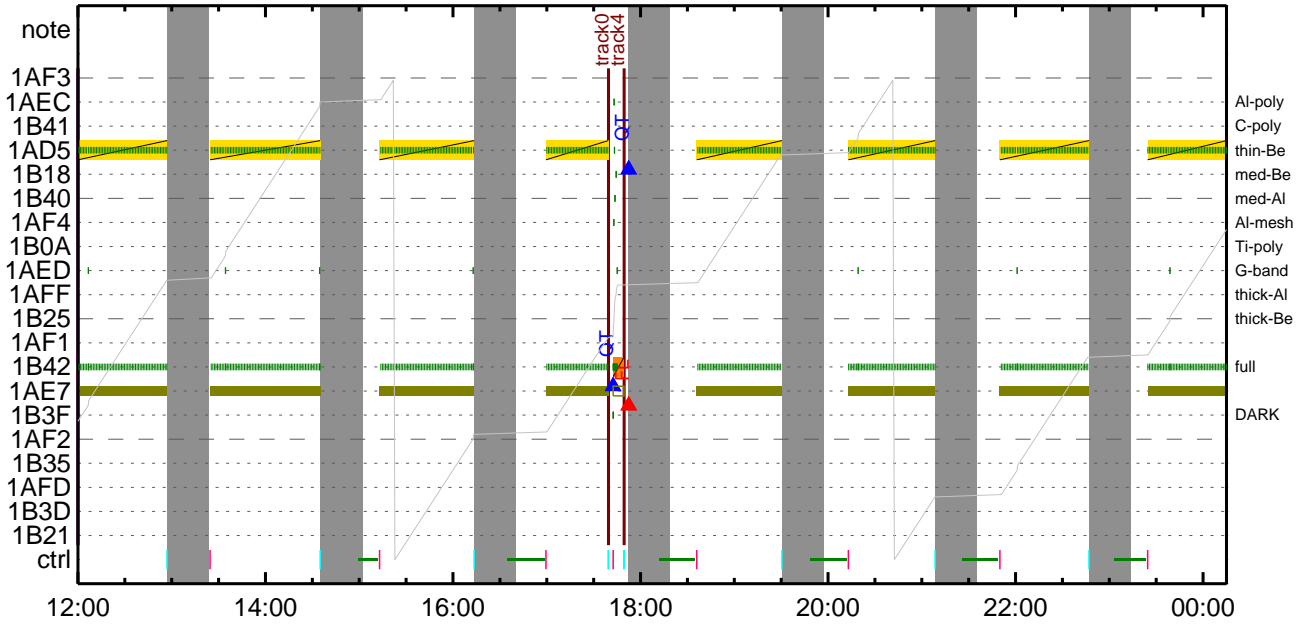
CMDI #0073 2016/07/29



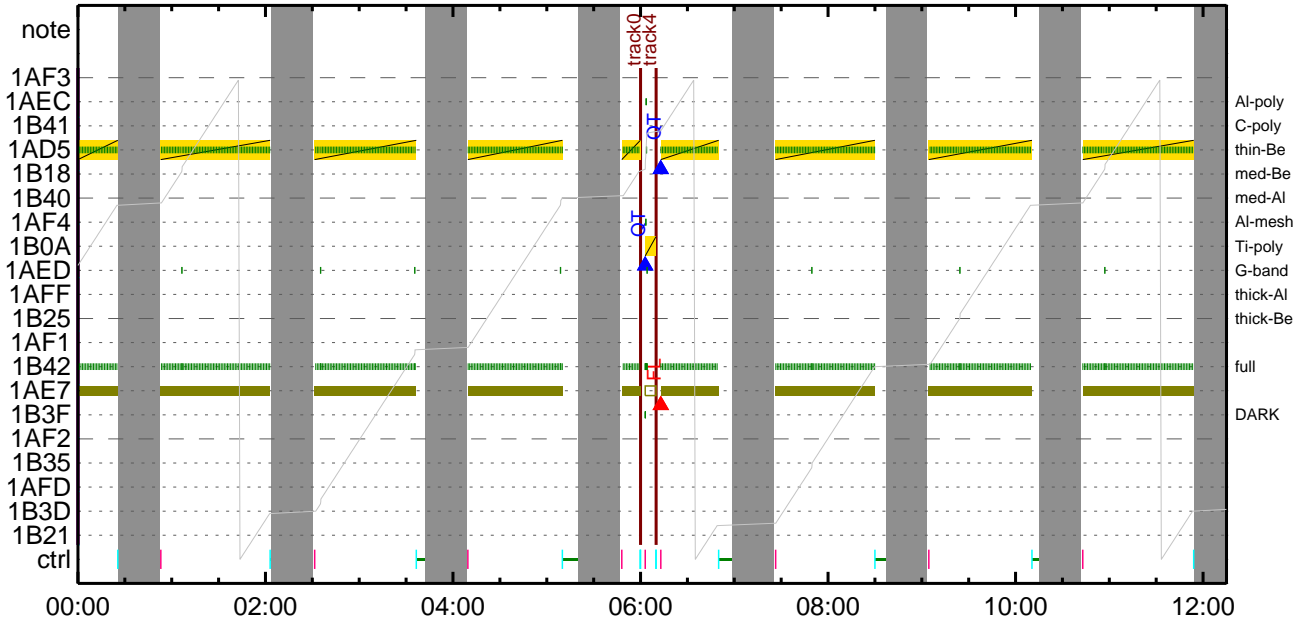
CMDI #0073 2016/07/30



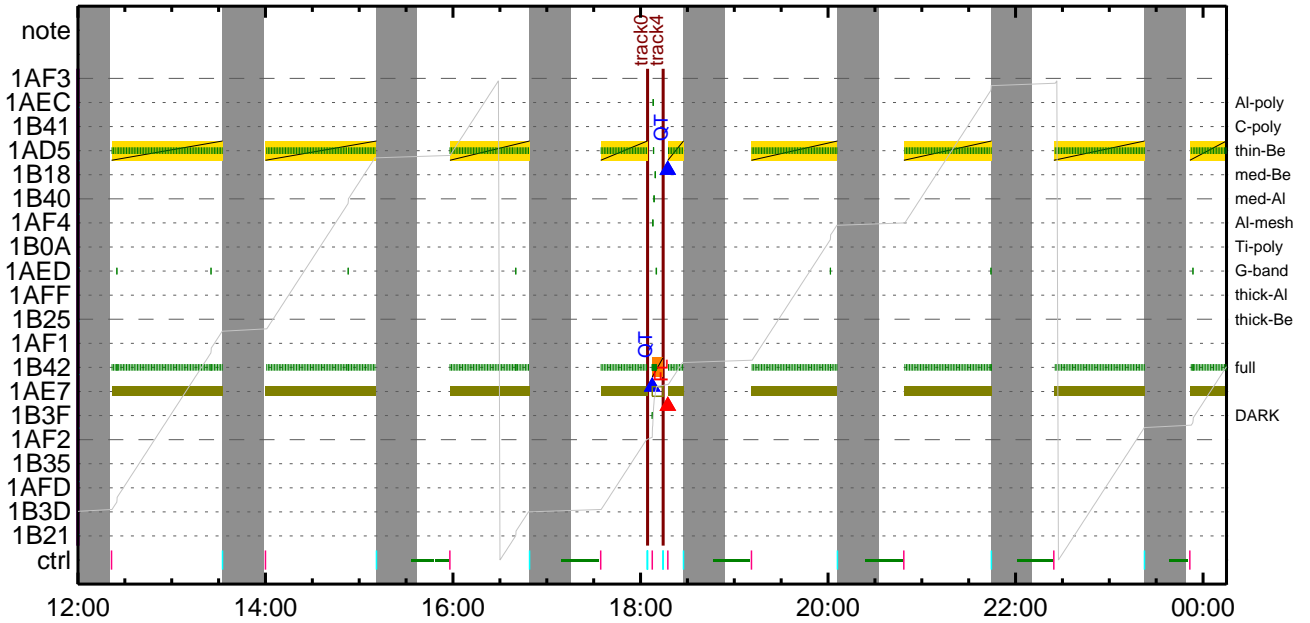
CMDI #0073 2016/07/30



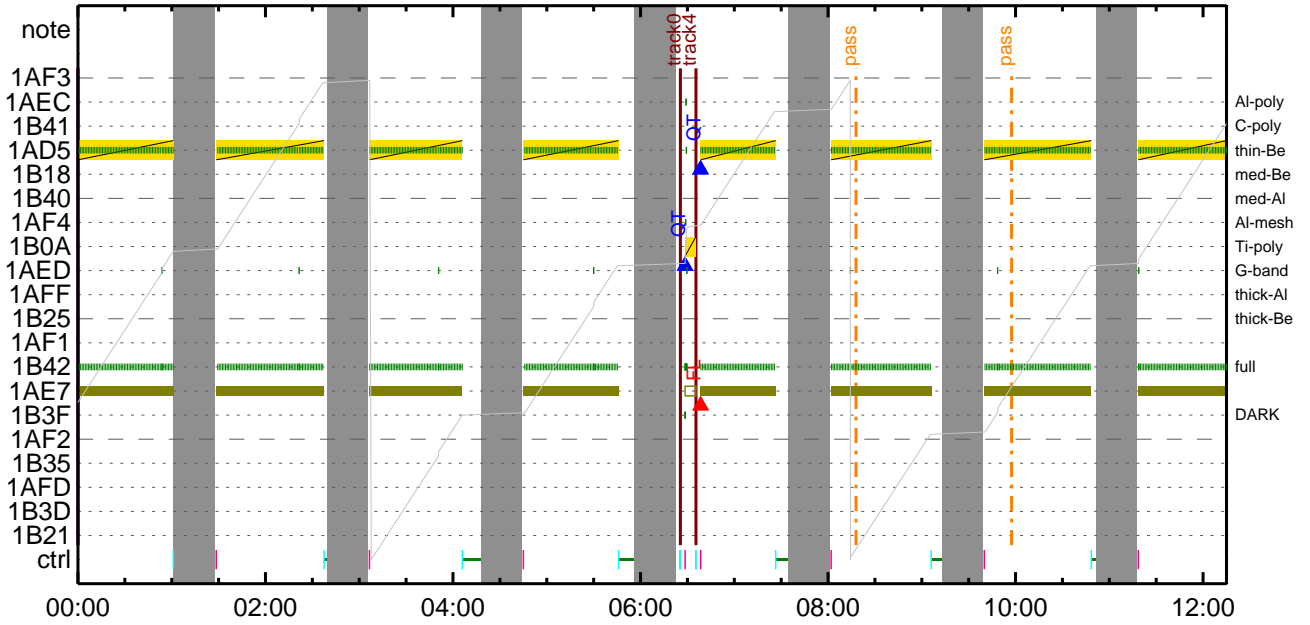
CMDI #0073 2016/07/31



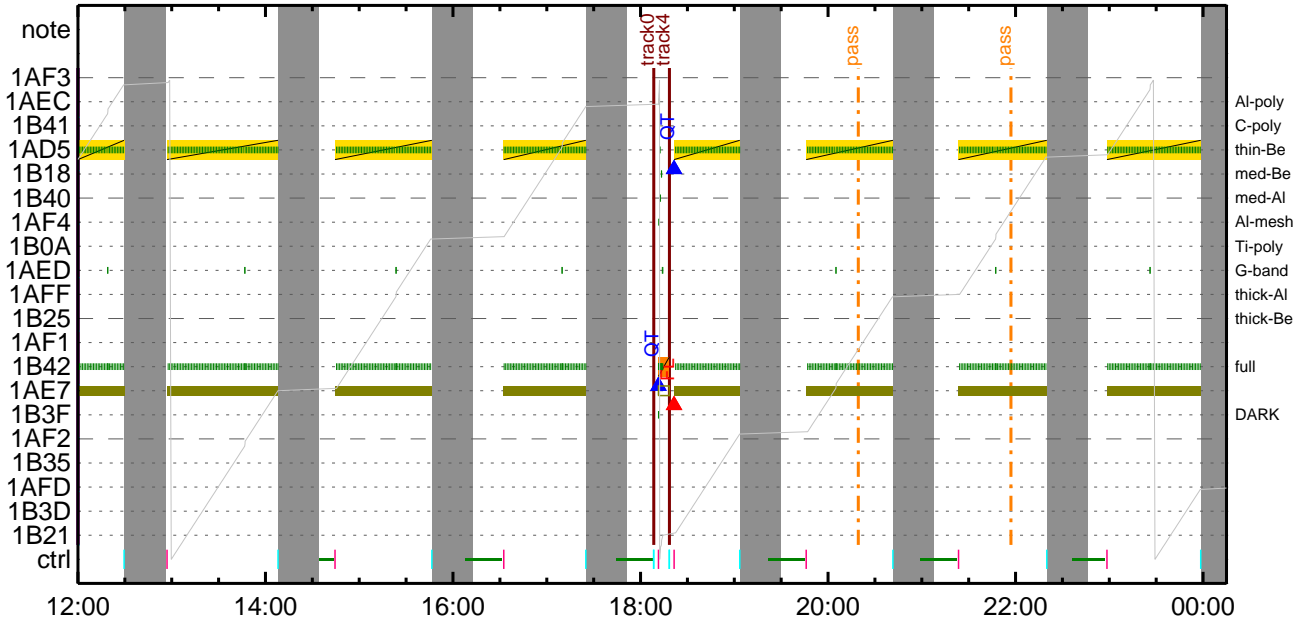
CMDI #0073 2016/07/31



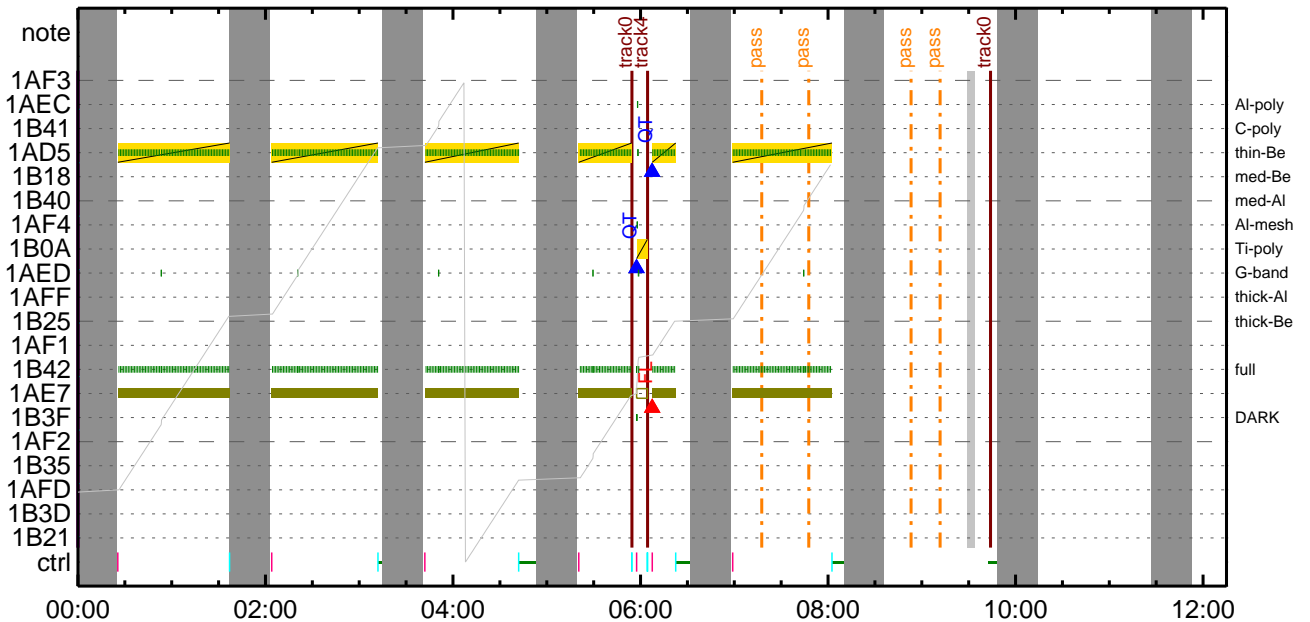
CMDI #0073 2016/08/01



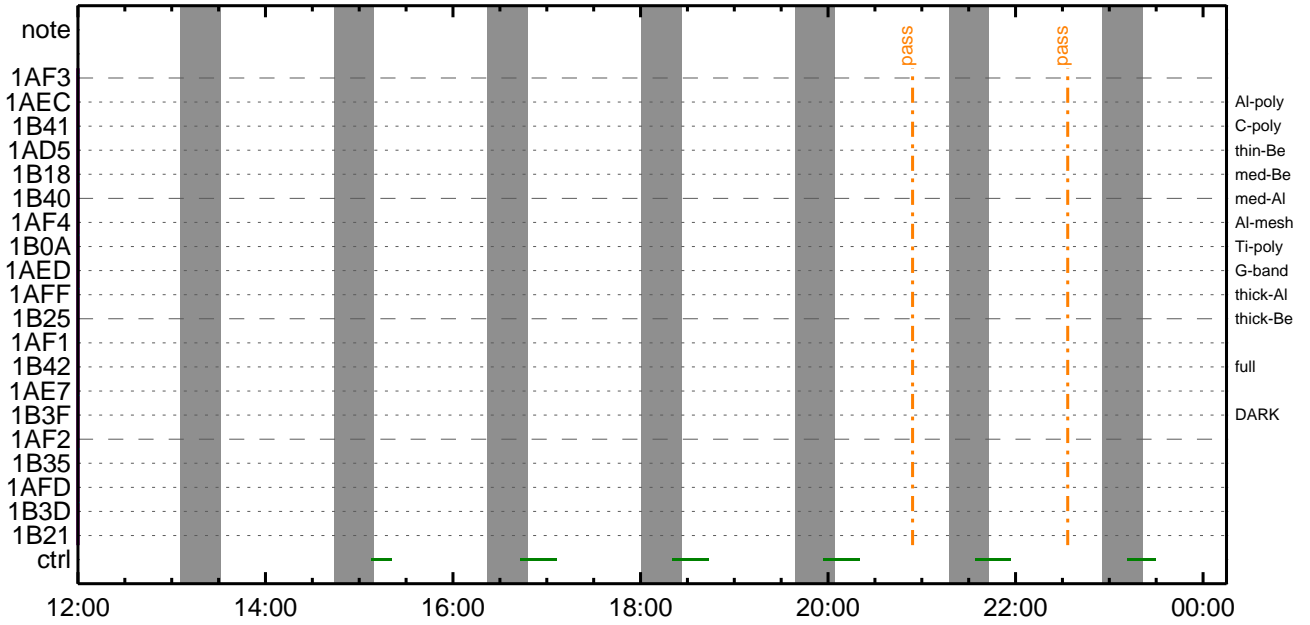
CMDI #0073 2016/08/01



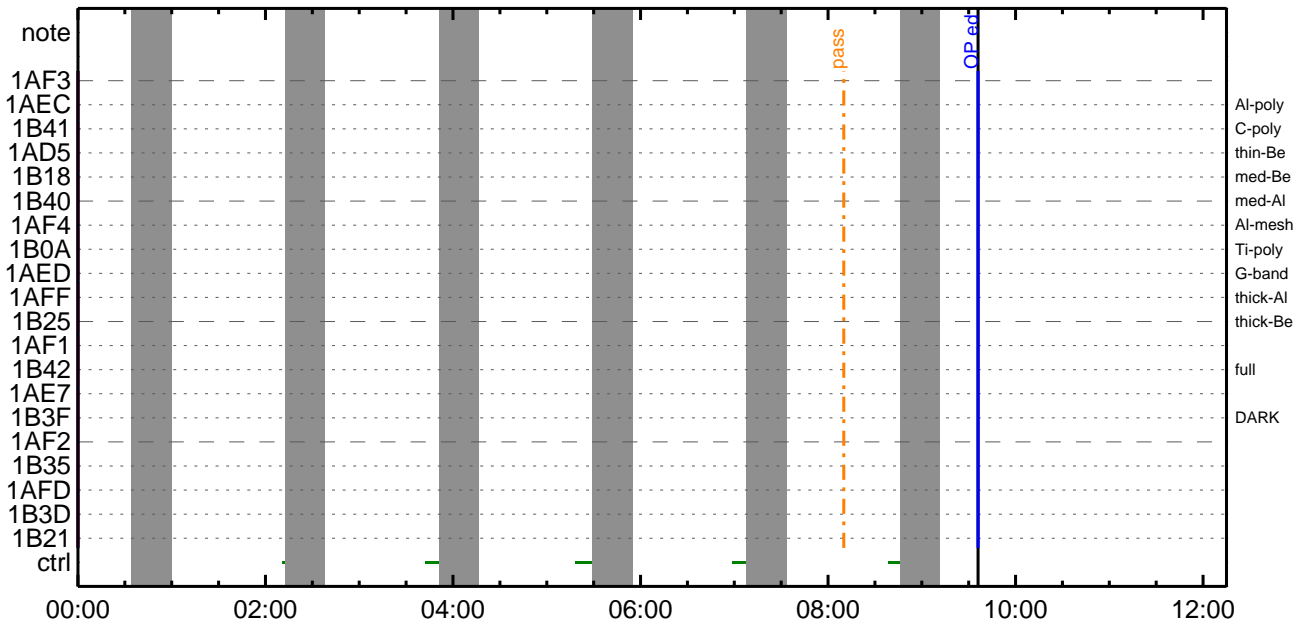
CMDI #0073 2016/08/02



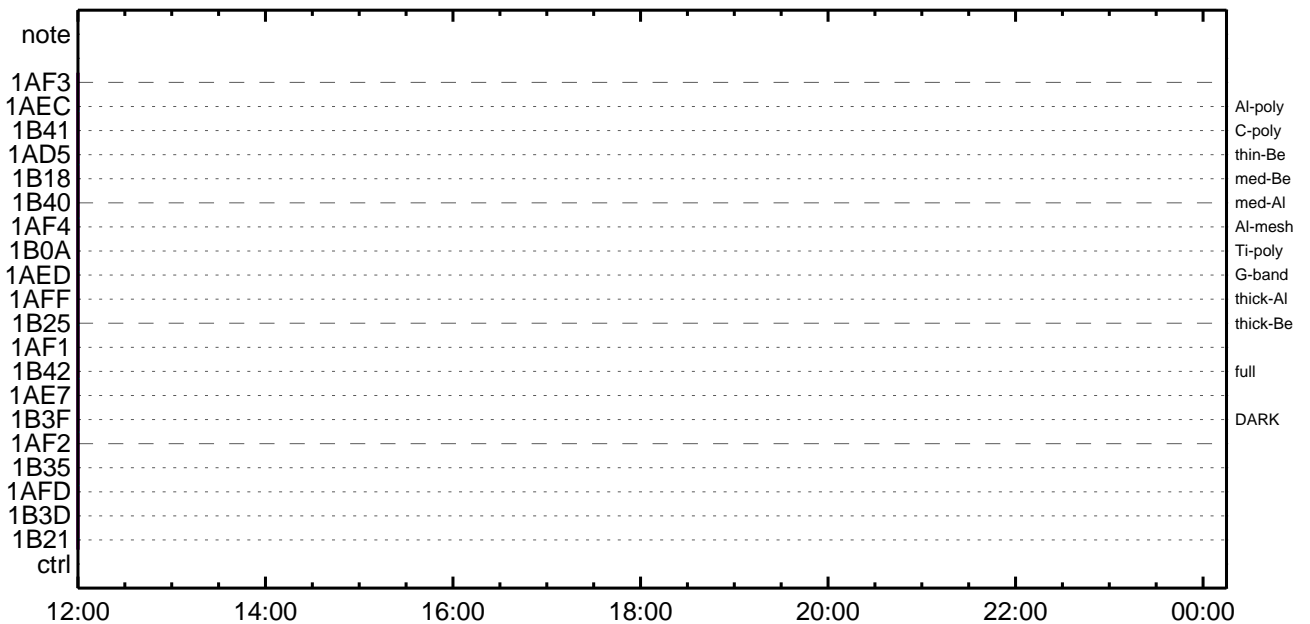
CMDI #0073 2016/08/02



CMDI #0073 2016/08/03



CMDI #0073 2016/08/03




```

0096 C.                SET EDUMP I±°iYÑY¹aÇ¹Öa|a³aE;f
0097 C.
0098 C. TIY³YFYYÖYÉaðdÄDİ¿(UT)
0099 +. TI 2016-07-26 10:48:00.0
0100 DC 01-B3 DHU_OP_STOP
0101 C.                çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0102 C.
0103 +. TI 2016-07-26 10:48:01.0
0104 DC 01-B4 DHU_OP_COPY
0105 C.                çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0106 C.
0107 +. TI 2016-07-26 10:48:01.0
0108 DC 01-B5 DHU_OPOG_COPY
0109 C.                çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0110 C.
0111 +. TI 2016-07-26 10:52:59.5
0112 DC 01-B2 DHU_OP_START
0113 C.                çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0114 C.
0115 C. °E²¼aİÄè%îÍÑaİYÁY§YÄY-¹àìÜ
0116 C.                çç[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0117 C.                çç[HK1_TI_CMD_NUM]          EQ      4
0118 C.                çç[HK1_NEXT_EXEC_PIM]      EQ      DHU
0119 C.                çç[HK1_NEXT_EXEC_DC]       EQ      0xB3
0120 C.
0121 C. *****
0122 C. TIİî°èYÄYÖY×
0123 C. *****
0124 C.
0125 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0126 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0127 BC (03 ab 03 01 02)
0128 C.                çç[HK1_DMP_TOP_ADRS_1]      EQ      07
0129 C.                çç[HK1_DMP_TOP_ADRS_0]      EQ      2B
0130 C.                çç[HK1_DMP_BLOCK_NUM]       EQ      3
0131 C.                çç[HK1_DMP_REPEAT_NUM]      EQ      0
0132 C.                çç[HK1_DMA_DMP_PIM]        EQ      DHU
0133 +. DC 01-22 DHU_MODE_CHNG
0134 BC (07 0b f8)
0135 C.                çç[HK1_PKT_FORM_NO]         EQ      7
0136 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.25 s
0137 C.                çç[HK1_S_TLM_BIT_RATE]      EQ      32k
0138 C.                çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0139 C.                çç[HK1_DMP_CHK_FLG]        EQ      EXEC
0140 C.
0141 C. YÄYÖY×½ªİ»að³İÇ§
0142 C.                çç[HK1_DMP_CHK_FLG]        EQ      NON
0143 C.
0144 C. RAM ID=TI_TBLaİ%È¹Ç•è²İOKað³İÇ§
0145 C.
0146 C. DHUYâ;¼YÉ;È¼Y½,¥i;¼YÈ;Èaðìãa¹
0147 +. DC 01-22 DHU_MODE_CHNG
0148 BC (02 0a f8)
0149 C.                çç[HK1_PKT_FORM_NO]         EQ      2
0150 C.                çç[HK1_PKT_GEN_TIME]        EQ      0.5S
0151 C.                çç[HK1_S_TLM_BIT_RATE]      EQ      32K
0152 C.                çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0153 C.
0154 C. Stop EIS observation and temporarily disable EIS mode changes
0155 C.
0156 C.
0157 C. ***** Start EIS operation (TI set) *****
0158 C. Execute, after the success of OP upload.
0159 C. Set EIS TI-commands
0160 +. TI 2016-07-26 10:52:30.0
0161 DC 07-FC EIS_MODE_MANU
0162 BC (21 02)
0163 +. TI 2016-07-26 10:52:40.0
0164 DC 07-FC EIS_MODE_CHG_DIS
0165 BC (22)
0166 C.                [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0167 C. ***** End EIS operation (TI set) *****
0168 C.
0169 C.
0170 C.
0171 C. ***** XRT START *****
0172 C. Execute, after the success of OP upload.
0173 +. TI 2016-07-26 10:52:00.0
0174 DC 07-F0 MDP_XRT_MODE_STBY
0175 BC (c3)
0176 C.                [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0177 C.
0178 C. ***** XRT END *****
0179 C.
0180 C. ***** MDP ´úÃîaİ»ö¼YªEÄa¹aèDCBC•x²è *****
0181 C. (%ã°îYÖYÄYÉYFYYÉYÇYèªE¼aª¼A»Üa¹aè)
0182 C. S. DC-BC dcbc-402:DCBC
0183 C. (MDP_known_event)
0184 C.
0185 C.
0186 C. ***** YD¥¹•İ Daily±¿İÑaÈ¹Øa¹aèDCBC•x²è *****
0187 C. S. DC-BC dcbc-153:DCBC
0188 C. (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0189 C.
0190 C.
0191 C. ;ãLOS¥ÁY§YÄY-¼A»Ü;ã
0192 C.
0193 C. ***** LOS *****

```


(a) Spacecraft Operation Procedure (real-commands)

```
main-015 2016-07-26 14:19:07 108 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCS : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□Á□•µ°È»Í×ÁÇ□íYçYÁY×Yí;¼YÉ;ÈÈèµ•íÉ;È□È¼°Ç□□•□¿¼í¹ç□í;çÁ®, ù□¹□è□È□ÇÁ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCS_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 +. DC 07-F0 MDP_XRT_CTRL_MANU
0020 BC (c1)
0021 + DC 07-F0 MDP_XRT_MODE_STBY
0022 BC (c3)
0023 . C. ----- Success Verify ? OK / NG____
0024 C.
0025 C. XRT Obs. Table Upload
0026 . S. RAM ram-291:MDP_OBS_X
0027 ( )
0028 C.
0029 +. DC 07-F0 MDP_DUMP_XRTTBL
0030 BC (84 07 00 00 00 3a d4)
0031 . C. ----- Comparison Check ? OK / ERR ____
0032 C.
0033 C.
0034 +. DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 01 b1 b1 04 04)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 02 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 03 b1 b1 08 08)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 04 b1 b1 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 05 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 06 85 83 06 06)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 07 c0 c0 10 10)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 08 80 80 20 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 09 40 c0 10 10)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0a 40 40 10 10)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0b c0 40 10 10)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0c 80 80 20 08)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0d 80 80 08 20)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 0e 85 83 08 08)
0062 + DC 07-F0 MDP_XRT_ROI_SET
0063 BC (cd 0f 80 80 06 06)
0064 + DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 10 80 80 08 08)
0066 + DC 07-F0 MDP_XRT_FLD_ENA
0067 BC (d8)
0068 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0069 BC (c8)
0070 + DC 07-F0 MDP_XRT_ARS_DIS
0071 BC (d5)
0072 +. DC 07-F0 MDP_XRT_AEC_RESET
0073 BC (d0)
0074 +. DC 07-F0 MDP_XRT_FLD_RESET
0075 BC (da)
0076 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0077 BC (c4 10)
0078 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0079 BC (c5 07)
0080 . C. ----- Success Verify ? OK / NG ____
0081 C.
0082 C.
0083 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0084 C.
0085 +. DC 07-F0 MDP_XRT_MODE_OBSV
0086 BC (c2)
0087 +. TI 2016-07-26 10:52:02.0
0088 DC 07-F0 MDP_XRT_MODE_OBSV
0089 BC (c2)
0090 . C. ----- Success Verify ? OK / NG ____
0091 C.
0092 C. ***** XRT END *****
0093 C.
0094 . C. ***** MDP 'úÁíñí»¿¼Y□ÉÁ□¹□èDCBC•x²è *****
0095 C. (%á°íYÓYÁYÈY¥YÉYáYçYèÈ¼□□¼Á»Û¹□è)
```

```
0096 . S. DC-BC dcbc-402:DCBC
0097 (MDP_known_event)
0098 C.
0099 C.
0100 . C. ***** ¥D¥1•İ Daily±;İÑñÈ'Øα¹αèDCBC•x²è *****
0101 . S. DC-BC dcbc-153:DCBC
0102 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0103 C.
0104 C.
0105 . C. ;äLOS¥Á¥S¥Ã¥-¼Ä»Û;ä
0106 C.
0107 . C. ***** LOS *****
0108 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-016 2016-07-26 14:19:07 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSŸÁŸSŸÄŸ-¼Ä»Û;ä
0005 C.
0006 C. ŸÀŸB;¼Ÿ³ŸPŸÓŸÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È□¿□Ä□•μ°Æ»Í×ÁÇ□ÍŸçŸÄŸ×Ÿí;¼ŸÉ;ÈÈè%μ•ííÉ;È□È¼°ÇÖ□•□¿¼í¹ç□í;çÄ®, ù□¹□è□□çÄ+¿®□•□È□□□³□È;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP ´úÁí□í»ò¼Ÿ□ÈÄ□¹□èDCBC•x²è *****
0016 C. (%ã°íŸÓŸÄŸÈŸPŸÉŸáŸçŸè□È%¼□□¼Ä»Û□¹□è)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** ŸDŸ¹•İ Daily+¿íÑ□È´Ø□¹□èDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSŸÁŸSŸÄŸ-¼Ä»Û;ä
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

*** OP Sequence for XRT ***

2016/07/26	11:03:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2016/07/27	04:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2016/07/27	06:00:00.0	XRT_TCIB_XRT_S_HTR_A_DIS_422_OG [0x1a6]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2016/07/27	08:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2016/07/27	11:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	11:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	11:59:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/27	12:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	2e	f9	2e	f9
2016/07/27	12:00:18.0	XRT_FLD_DIS_437_OG [0x1b5]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/27	12:00:20.0	XRT_FLRCTRL_DIS_409_OG [0x199]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/27	12:02:56.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/27	12:02:58.0	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2016/07/27	12:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/27	12:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:09:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/27	12:10:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	00	2e	f9	d1	07
2016/07/27	12:10:18.0	XRT_FLD_DIS_437_OG [0x1b5]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/27	12:10:20.0	XRT_FLRCTRL_DIS_409_OG [0x199]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/27	12:12:56.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/27	12:12:58.0	XRT_QT_PROG_SET_413_OG [0x19d]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	05			
2016/07/27	12:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/27	12:19:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:19:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:19:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/27	12:20:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00	d1	07	d1	07
2016/07/27	12:20:18.0	XRT_FLD_DIS_437_OG [0x1b5]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/27	12:20:20.0	XRT_FLRCTRL_DIS_409_OG [0x199]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/27	12:22:56.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/27	12:22:58.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	14			
2016/07/27	12:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/27	12:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:29:58.0	XRT_FOCUS_POSITION_426_OG [0x1aa]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/27	12:30:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00	d1	07	2e	f9
2016/07/27	12:30:18.0	XRT_FLD_DIS_437_OG [0x1b5]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/27	12:30:20.0	XRT_FLRCTRL_DIS_409_OG [0x199]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/27	12:32:56.0	XRT_ARS_DIS_435_OG [0x1b3]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/27	12:32:58.0	XRT_QT_PROG_SET_401_OG [0x191]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e			
2016/07/27	12:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/27	12:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	12:39:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/27	12:40:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2016/07/27	12:40:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/27	12:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							

2016/07/27	12:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8													
2016/07/27	12:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0													
2016/07/27	12:40:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5													
2016/07/27	12:42:56.0	XRT_QT_PROG_SET_427_OG [0x1ab]	MDP_XRT_FLD_RESET	1	07-F0	da													
2016/07/27	12:42:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	02												
2016/07/27	12:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07												
2016/07/27	12:48:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0													
2016/07/27	12:48:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1													
2016/07/27	12:48:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da													
2016/07/27	12:51:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8													
2016/07/27	13:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9													
2016/07/27	13:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]																
2016/07/27	14:26:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0													
2016/07/27	14:26:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1													
2016/07/27	14:26:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da													
2016/07/27	14:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8													
2016/07/27	15:03:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9													
2016/07/27	15:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]																
2016/07/27	15:54:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0													
2016/07/27	15:54:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1													
2016/07/27	15:54:58.0	XRT_ROI_A_414_OG [0x19e]	MDP_XRT_CTRL_MANU	1	07-F0	c1													
			MDP_XRT_ROI_SET	6	07-F0	cd	05 85 83 06 06												
			MDP_XRT_ROI_SET	6	07-F0	cd	06 85 83 06 06												
			MDP_XRT_ROI_SET	6	07-F0	cd	07 80 60 20 18												
			MDP_XRT_ROI_SET	6	07-F0	cd	08 80 80 20 20												
			MDP_XRT_ROI_SET	6	07-F0	cd	09 a0 80 18 20												
			MDP_XRT_ROI_SET	6	07-F0	cd	0c 80 80 20 08												
			MDP_XRT_ROI_SET	6	07-F0	cd	0d 80 80 08 20												
			MDP_XRT_ROI_SET	6	07-F0	cd	0e 85 83 08 08												
2016/07/27	15:54:58.5	XRT_ROI_B_431_OG [0x1af]	MDP_XRT_ROI_SET	6	07-F0	cd	0e 85 83 08 08												
			MDP_XRT_ROI_SET	6	07-F0	cd	0f 80 80 06 06												
			MDP_XRT_ROI_SET	6	07-F0	cd	10 80 80 08 08												
2016/07/27	15:55:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00													
2016/07/27	15:55:03.5	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00													
2016/07/27	15:55:23.5	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00													
2016/07/27	15:57:59.5	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9													
2016/07/27	15:58:01.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9													
2016/07/27	15:58:03.5	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5													
2016/07/27	15:58:05.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d												
2016/07/27	16:04:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0													
2016/07/27	16:04:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1													
2016/07/27	16:04:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1													
2016/07/27	16:05:00.0	AOCs_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00													
2016/07/27	16:05:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00													
2016/07/27	16:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8													
2016/07/27	16:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8													
2016/07/27	16:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0													
2016/07/27	16:05:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5													
2016/07/27	16:07:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_FLD_RESET	1	07-F0	da													
2016/07/27	16:07:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	12												
2016/07/27	16:50:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	07												
2016/07/27	16:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_Custom_430_OG [0x1ae]																
2016/07/27	17:43:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0													
			MDP_XRT_CTRL_MANU	1	07-F0	c1													

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2016/07/27	17:43:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/27	17:43:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/27	17:46:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/27	18:27:00.5	XRT_Custom_430_OG [0x1ae]							
2016/07/27	18:28:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/27	19:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	19:21:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/27	19:21:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/27	19:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/27	20:03:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/27	20:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/27	21:00:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	21:00:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/27	21:00:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/27	21:03:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/27	21:41:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/27	21:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/27	22:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/27	22:38:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/27	22:38:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/27	22:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/27	23:15:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/27	23:16:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	00:00:00.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	00:00:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	00:00:04.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2016/07/28	00:00:24.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/28	00:00:26.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/07/28	00:00:28.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/07/28	00:00:30.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/28	00:00:32.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	00:03:02.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 03				
2016/07/28	00:03:04.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/07/28	00:03:06.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	00:17:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	00:17:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	00:17:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	00:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	00:44:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	00:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	01:55:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	01:55:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	01:55:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	01:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	02:22:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	02:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	03:30:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	03:30:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	03:30:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	03:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							

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2016/07/28	04:00:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/28	04:00:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	04:00:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	04:01:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/07/28	04:01:18.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00
2016/07/28	04:03:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/07/28	04:03:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/07/28	04:03:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/07/28	04:04:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d
2016/07/28	04:10:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/28	04:10:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	04:10:58.0	XRT_FOCUS_POSITION_438_OG [0x1b6]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	04:11:00.0	AOCS_ORe-point_Start_7_OG [0x09d]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/07/28	04:11:18.0	XRT_FLD_DIS_440_OG [0x1b8]	AOCU_NM	5	02-76	00 ad 59 00 00
2016/07/28	04:25:54.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/07/28	04:25:56.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/07/28	04:25:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/07/28	04:26:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2016/07/28	05:19:00.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/28	05:19:02.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	05:19:04.5	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/28	05:22:14.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/28	05:32:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/28	05:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2016/07/28	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/28	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	06:09:58.0	XRT_FOCUS_POSITION_438_OG [0x1b6]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	06:10:18.0	XRT_FLD_DIS_440_OG [0x1b8]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/07/28	06:11:00.0	AOCS_ORe-point_Start_8_OG [0x09e]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/07/28	06:24:54.0	XRT_FLRCTRL_DIS_441_OG [0x1b9]	AOCU_NM	5	02-76	00 00 00 56 35
2016/07/28	06:24:56.0	XRT_ARS_DIS_435_OG [0x1b3]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/07/28	06:24:58.0	XRT_QT_PROG_SET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/07/28	06:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c
2016/07/28	06:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/28	06:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	06:57:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/28	07:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/28	07:10:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/28	07:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2016/07/28	08:10:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/28	08:10:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	08:10:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/28	08:11:00.0	AOCS_ORe-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/07/28	08:11:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00
2016/07/28	08:11:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/07/28	08:11:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/07/28	08:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/07/28	08:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5

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2016/07/28	08:11:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	08:13:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2016/07/28	08:13:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2016/07/28	08:14:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	08:21:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	08:21:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	08:21:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	08:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	08:56:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	08:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	10:02:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	10:02:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	10:02:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	10:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	10:34:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	10:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	11:45:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	11:45:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	11:45:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	11:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	12:12:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	12:13:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	13:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	13:24:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	13:24:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	13:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	13:51:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	13:52:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	15:02:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	15:02:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	15:02:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	15:05:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	15:48:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	15:49:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	16:40:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	16:40:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/28	16:40:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/28	16:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/28	17:25:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/28	17:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/28	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/28	18:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2016/07/28	18:00:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/28	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/28	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/28	18:02:58.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2016/07/28	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/28	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							

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2016/07/28	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/28	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/28	18:10:00.0	AOCS_Orе-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2016/07/28	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00	
2016/07/28	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/07/28	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/07/28	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/07/28	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/07/28	18:12:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/28	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2016/07/28	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/07/28	18:19:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/28	18:19:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/28	18:19:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/28	18:22:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/28	19:02:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/28	19:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/07/28	19:57:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/28	19:57:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/28	19:57:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/28	20:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/28	20:39:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/28	20:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/07/28	21:35:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/28	21:35:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/28	21:35:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/28	21:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/28	22:15:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/28	22:16:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/07/28	23:14:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/28	23:14:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/28	23:14:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/28	23:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/28	23:44:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/28	23:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/07/29	00:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/29	00:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/29	00:52:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/29	00:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/29	01:19:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/29	01:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/07/29	02:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/29	02:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/29	02:29:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/29	02:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/29	02:58:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/29	02:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/07/29	03:46:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/29	03:46:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2016/07/29	03:46:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/29	03:47:00.0	AOCs_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00	00	00	00	00
2016/07/29	03:47:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/29	03:49:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/29	03:49:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/29	03:49:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0d			
2016/07/29	03:50:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	03:56:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	03:56:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	03:56:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2016/07/29	03:57:00.0	AOCs_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2016/07/29	03:57:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/29	03:57:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/07/29	03:57:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/07/29	03:57:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/29	03:57:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	03:59:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2016/07/29	03:59:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2016/07/29	04:36:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/29	04:37:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	05:37:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	05:37:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	05:37:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/29	05:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/29	06:14:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/29	06:15:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	07:18:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	07:18:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	07:18:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/29	07:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/29	07:53:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/29	07:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	08:57:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	08:57:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	08:57:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/29	09:00:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/29	09:31:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/29	09:32:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	10:39:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	10:39:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	10:39:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/29	10:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/29	11:09:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/29	11:10:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	12:21:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	12:21:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	12:21:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/29	12:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/29	12:48:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/29	12:49:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

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2016/07/29	13:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	13:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/29	13:59:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/29	14:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/29	14:34:30.0	XRT_Custom_430_OG [0x1ae]				
2016/07/29	14:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/29	15:38:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	15:38:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/29	15:38:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/29	15:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/29	16:23:30.0	XRT_Custom_430_OG [0x1ae]				
2016/07/29	16:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/29	17:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	17:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/29	17:16:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/29	17:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/29	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	17:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2016/07/29	18:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00
2016/07/29	18:00:18.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9
2016/07/29	18:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2016/07/29	18:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/07/29	18:02:58.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2016/07/29	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/29	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2016/07/29	18:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00
2016/07/29	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2016/07/29	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2016/07/29	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2016/07/29	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2016/07/29	18:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/29	18:12:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03
2016/07/29	18:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07
2016/07/29	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/29	18:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	18:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/29	18:54:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/29	18:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/29	19:37:00.0	XRT_Custom_430_OG [0x1ae]				
2016/07/29	19:38:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2016/07/29	20:33:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2016/07/29	20:33:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2016/07/29	20:33:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2016/07/29	20:36:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2016/07/29	21:14:00.0	XRT_Custom_430_OG [0x1ae]				

2016/07/29	21:15:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	22:11:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	22:11:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	22:11:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/29	22:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/29	22:49:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/29	22:50:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/29	23:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/29	23:50:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/29	23:50:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/29	23:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	00:16:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/30	00:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	01:28:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	01:28:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	01:28:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	01:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	01:55:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/30	01:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	03:04:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	03:04:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	03:04:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	03:07:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	03:33:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/30	03:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	03:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/30	04:00:00.0	AOCS_OrE-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/07/30	04:00:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/30	04:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/30	04:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/30	04:02:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2016/07/30	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	04:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	04:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	04:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/30	04:10:00.0	AOCS_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2016/07/30	04:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/30	04:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/07/30	04:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/07/30	04:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/30	04:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	04:12:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2016/07/30	04:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/07/30	04:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	04:33:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	04:33:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	04:33:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							

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2016/07/30	04:36:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	05:11:30.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	05:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	06:14:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	06:14:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	06:14:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	06:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	06:50:00.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	06:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	07:54:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	07:54:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	07:54:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	07:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	08:28:30.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	08:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	09:34:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	09:34:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	09:34:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	09:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	10:06:30.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	10:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	11:18:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	11:18:32.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	11:18:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	11:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	11:45:00.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	11:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	12:57:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	12:57:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	12:57:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	13:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	13:23:30.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	13:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	14:35:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	14:35:02.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	14:35:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	14:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	15:12:00.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	15:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	16:13:30.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	16:13:32.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	16:13:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	16:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	16:58:30.0	XRT_Custom_430_OG [0x1ae]								
2016/07/30	16:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	17:39:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	17:39:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	17:39:28.0	XRT_FOCUS_POSITION_403_OG [0x193]								
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/30	17:39:30.0	AOCS_Ore-point_Start_2_OG [0x098]								
			AOCU_NM	5	02-76	00 00 00 00 00				
2016/07/30	17:39:48.0	XRT_FLD_DIS_406_OG [0x196]								
			MDP_XRT_FLD_DIS	1	07-F0	d9				

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2016/07/30	17:42:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/30	17:42:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/30	17:42:28.0	XRT_QT_PROG_SET_434_OG [0x1b2]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	08			
2016/07/30	17:42:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	17:49:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	17:49:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	17:49:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2016/07/30	17:49:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04	00	00	00	00
2016/07/30	17:49:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/30	17:49:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/07/30	17:49:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/07/30	17:49:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/30	17:49:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	17:52:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	11			
2016/07/30	17:52:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	07			
2016/07/30	18:35:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/30	18:36:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	19:30:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	19:30:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	19:30:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	19:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	20:12:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/30	20:13:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	21:08:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	21:08:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	21:08:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	21:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	21:49:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/30	21:50:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/30	22:47:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/30	22:47:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/30	22:47:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/30	22:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/30	23:23:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/30	23:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	00:25:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	00:25:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	00:25:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	00:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	00:52:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	00:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	02:03:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	02:03:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	02:03:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	02:06:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	02:30:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	02:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	03:36:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	03:36:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	03:36:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							

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2016/07/31	03:39:44.0	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
		XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	04:08:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	04:09:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	05:10:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	05:10:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	05:10:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	05:13:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	05:47:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	05:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	05:59:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/31	06:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/07/31	06:00:18.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/07/31	06:02:54.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/07/31	06:02:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/31	06:02:58.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				
2016/07/31	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	06:09:58.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/07/31	06:10:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2016/07/31	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/07/31	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/07/31	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/07/31	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/07/31	06:10:26.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	06:12:56.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2016/07/31	06:12:58.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/07/31	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	06:50:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	06:50:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	06:50:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	06:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	07:25:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	07:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	08:30:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	08:30:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	08:30:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	08:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	09:03:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	09:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	10:10:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	10:10:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	10:10:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	10:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	10:42:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	10:43:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	11:54:00.0	XRT_CTRL_MANU_400_OG [0x190]							

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2016/07/31	11:54:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	11:54:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/31	11:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/31	12:20:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/31	12:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/31	13:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	13:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/31	13:32:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/31	13:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/31	13:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/31	14:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	15:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/31	15:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	15:11:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/31	15:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/31	15:57:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/31	15:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/31	16:49:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	16:49:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	16:49:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/31	16:49:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/31	16:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/31	17:33:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/31	17:34:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/07/31	18:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/31	18:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	18:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	18:04:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	18:04:30.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/07/31	18:04:48.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00	
2016/07/31	18:07:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/07/31	18:07:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/07/31	18:07:28.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/07/31	18:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2016/07/31	18:14:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/31	18:14:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	18:14:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	18:14:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	18:14:30.0	AOCS_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/07/31	18:14:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00	
2016/07/31	18:14:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/07/31	18:14:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/07/31	18:14:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/07/31	18:14:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/07/31	18:17:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/31	18:17:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2016/07/31	18:17:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/07/31	18:27:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/07/31	18:27:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/07/31	18:27:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/07/31	18:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/07/31	18:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	

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2016/07/31	19:10:00.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	19:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	20:06:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	20:06:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	20:06:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	20:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	20:47:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	20:48:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	21:44:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	21:44:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	21:44:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	21:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	22:23:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	22:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/07/31	23:22:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/07/31	23:22:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/07/31	23:22:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/07/31	23:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/07/31	23:50:30.0	XRT_Custom_430_OG [0x1ae]							
2016/07/31	23:51:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	01:01:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	01:01:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	01:01:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	01:04:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	01:27:30.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	01:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	02:37:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	02:37:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	02:37:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	02:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	03:05:30.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	03:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	04:06:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	04:06:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	04:06:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	04:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	04:44:00.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	04:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	05:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	05:46:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	05:46:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	05:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	06:25:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	06:25:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	06:25:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/08/01	06:25:30.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2016/08/01	06:25:48.0	XRT_FLD_DIS_406_OG [0x196]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2016/08/01	06:28:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2016/08/01	06:28:26.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/08/01	06:28:28.0	XRT_QT_PROG_SET_439_OG [0x1b7]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d				

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2016/08/01	06:28:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	06:35:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	06:35:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	06:35:28.0	XRT_FOCUS_POSITION_403_OG [0x193]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2016/08/01	06:35:30.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	04 00 00 00 00				
2016/08/01	06:35:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2016/08/01	06:35:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2016/08/01	06:35:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2016/08/01	06:35:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2016/08/01	06:35:56.0	XRT_FLD_RESET_433_OG [0x1b1]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	06:38:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2016/08/01	06:38:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 07				
2016/08/01	06:38:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	07:26:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	07:26:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	07:26:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	07:29:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	08:01:00.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	08:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	09:06:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	09:06:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	09:06:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	09:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	09:39:00.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	09:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	10:48:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	10:48:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	10:48:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	10:51:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	11:17:30.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	11:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	12:29:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	12:29:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	12:29:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	12:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	12:56:00.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	12:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	14:08:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	14:08:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	14:08:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	14:11:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	14:43:30.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	14:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	15:46:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2016/08/01	15:46:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2016/08/01	15:46:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2016/08/01	15:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2016/08/01	16:31:30.0	XRT_Custom_430_OG [0x1ae]							
2016/08/01	16:32:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2016/08/01	17:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							

2016/08/01	17:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	17:25:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/01	17:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/01	18:08:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/01	18:08:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	18:08:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	18:08:30.0	AOCS_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/08/01	18:08:48.0	XRT_FLD_DIS_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00	
2016/08/01	18:11:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/08/01	18:11:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/08/01	18:11:28.0	XRT_QT_PROG_SET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/08/01	18:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2016/08/01	18:18:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/01	18:18:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	18:18:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	18:18:30.0	AOCS_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/08/01	18:18:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	04 00 00 00 00	
2016/08/01	18:18:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/08/01	18:18:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/08/01	18:18:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/08/01	18:18:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/08/01	18:21:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/01	18:21:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2016/08/01	18:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/08/01	19:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/01	19:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	19:03:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/01	19:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/01	19:45:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/01	19:46:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/08/01	20:41:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/01	20:41:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	20:41:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/01	20:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/01	21:22:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/01	21:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/08/01	22:20:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/01	22:20:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	22:20:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/01	22:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/01	22:57:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/01	22:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
2016/08/01	23:58:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/01	23:58:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/01	23:58:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/02	00:01:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/02	00:24:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/02	00:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]				
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	

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2016/08/02	01:37:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	01:37:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/02	01:37:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/02	01:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/02	02:03:00.0	XRT_Custom_430_OG [0x1ae]					
2016/08/02	02:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/02	03:12:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	03:12:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/02	03:12:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/02	03:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/02	03:41:00.0	XRT_Custom_430_OG [0x1ae]					
2016/08/02	03:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/02	04:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	04:42:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/02	04:42:04.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/02	04:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/02	05:19:30.0	XRT_Custom_430_OG [0x1ae]					
2016/08/02	05:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/02	05:54:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	05:54:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	05:54:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/08/02	05:54:30.0	AOCS_ORe-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00	
2016/08/02	05:54:48.0	XRT_FLD_DIS_406_OG [0x196]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2016/08/02	05:57:24.0	XRT_FLRCTRL_DIS_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2016/08/02	05:57:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/08/02	05:57:28.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2016/08/02	05:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/02	06:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	06:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	06:04:28.0	XRT_FOCUS_POSITION_403_OG [0x193]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2016/08/02	06:04:30.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	04 00 00 00 00	
2016/08/02	06:04:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2016/08/02	06:04:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2016/08/02	06:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2016/08/02	06:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2016/08/02	06:04:56.0	XRT_FLD_RESET_433_OG [0x1b1]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/02	06:07:26.0	XRT_QT_PROG_SET_428_OG [0x1ac]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 11	
2016/08/02	06:07:28.0	XRT_FL_PROG_SET_436_OG [0x1b4]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 07	
2016/08/02	06:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/02	06:22:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	06:22:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/02	06:22:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/02	06:25:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2016/08/02	06:58:00.0	XRT_Custom_430_OG [0x1ae]					
2016/08/02	06:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2016/08/02	08:02:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2016/08/02	08:02:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2016/08/02	08:02:34.0	XRT_PREFLR_STRT_421_OG [0x1a5]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2016/08/02	08:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					

2016/08/02	09:44:00.0	AOCS_ORe-point_Start_2_OG [0x098]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
			AOCU_NM	5	02-76	00 00 00 00 00