

XRT Timeline to be uploaded on 2021/07/27

Period: 2021/07/27 11:17:00 - 2021/08/04 11:08:00

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Normal mode

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XOB #1BC7: CCD Monitor During Bakeout - G-band 1ms - 1kx1k - Q90 - 1st Quadrant - Al/mesh(2048ms), Al/Poly(4096ms) - w leak image-1ms												
Term		Pointing (x, y)						Comment				
07/28 11:58:00 - 07/28 12:04:54		Fixed (-528.4, -528.4)						quadrant 1/4				
PROG= 20 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 51 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 3 2-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	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 #1BC8: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 2nd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term		Pointing (x, y)						Comment				
07/28 12:08:00 - 07/28 12:14:54		Fixed (528.4, -528.4)						quadrant 2/4				
PROG= 15 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 38 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 1536)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 3 2-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	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 #1BC9: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 3rd Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term		Pointing (x, y)						Comment				
07/28 12:18:00 - 07/28 12:24:54		Fixed (528.4, 528.4)						quadrant 3/4				
PROG= 03 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 21 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 512)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(512, 512)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												
└─ Seqn= 3 2-time(s) 2.0sec												
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0 0 2.0sec
└─ Subr= 3 2-time(s) 2.0sec												
└─ Seqn= 34 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	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 #1BCA: CCD Monitor During Bakeout - G-Band 1ms - 1kx1k - Q90 - 4th Quadrant - Al/mesh (2048ms), Al/Poly (4096ms) - w leak image-1 ms												
Term		Pointing (x, y)						Comment				
07/28 12:28:00 - 07/28 12:34:54		Fixed (-528.4, 628.4)						quadrant 4/4				
PROG= 05 1-time(s)												
└─ Subr= 1 1-time(s) 2.0sec												
└─ Seqn= 14 1-time(s) 2.0sec												
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0 0 2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=90	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0 0 2.0sec
	Open/thick-Be	Open/thick-Be	close	Safe	Dark	1ms	Obs	1x1	1024x1024	(1536, 512)	Q=98	0 0 2.0sec
└─ Subr= 2 1-time(s) 2.0sec												

└─ Seqn= 3		2-time(s)		2.0sec														
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
└─ Subr= 3		2-time(s)		2.0sec														
└─ Seqn= 34		1-time(s)		2.0sec														
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec				
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	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 #1C45: Synoptic 7 Filter w/ Al-mesh(64/512/2897), Al-poly(128/1024/4096), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192), Me

Term	Pointing (x, y)	Comment
07/28 12:38:00 - 07/28 12:44:54	Fixed (0.0, 0.0)	synoptic
08/01 18:03:00 - 08/01 18:09:54	Fixed (0.0, 0.0)	synoptic

PROG= 12		1-time(s)		2.0sec														
└─ 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= 36		1-time(s)		2.0sec														
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
└─ Seqn= 85		1-time(s)		2.0sec														
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
└─ Seqn= 33		1-time(s)		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	11.3s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
	thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
└─ Seqn= 23		1-time(s)		4.0sec														
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec				
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
└─ Subr= 2		1-time(s)		2.0sec														
└─ Seqn= 46		1-time(s)		2.0sec														
	Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
└─ Seqn= 17		1-time(s)		2.0sec														
	med-Al/Open	med-Al/Open	close	Safe	Norm	5.66s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
	med-Al/Open	med-Al/Open	close	Safe	Norm	64.0s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
└─ Seqn= 86		1-time(s)		2.0sec														
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
	Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=98	0	0	2.0sec				
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval				

XOB #1C8D: Alignment with North Pole Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 5 min cad

Term	Pointing (x, y)	Comment
07/28 13:00:00 - 07/28 14:44:54	Fixed (0.0, 930.0)	co-aliment at north

PROG= 06		1-time(s)		2.0sec														
└─ Subr= 1		1-time(s)		2.0sec														
└─ Seqn= 23		1-time(s)		2.0sec														
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec				
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
└─ Subr= 2		24-time(s)		300.0sec														
└─ Seqn= 69		1-time(s)		2.0sec														
	Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	2048x1536	(1024, 768)	Q=95	0	0	2.0sec				
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval				

XOB #1C8E: Alignment with East limb Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 8 min cad

Term	Pointing (x, y)	Comment
07/28 15:00:00 - 07/28 16:44:54	Fixed (-970.0, 0.0)	co-aliment at east

PROG= 10		1-time(s)		2.0sec														
└─ Subr= 1		1-time(s)		2.0sec														
└─ Seqn= 23		1-time(s)		2.0sec														
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec				
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec				
└─ Subr= 2		15-time(s)		480.0sec														
└─ Seqn= 70		1-time(s)		2.0sec														
	Al-poly/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	2x2	1536x2048	(1280, 1024)	Q=95	0	0	2.0sec				
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)			Comp.	AEC Buffer	Interval				

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

Term	Pointing (x, y)	Comment
07/28 16:48:06 - 07/28 17:42:30	Track (78.1, -481.6) © 07/28 16:45:00	AR 12849

07/28 18:33:00 - 07/28 23:59:54	Track (92.7, -481.5)	[Ⓜ] 07/28 18:30:00	AR 12849
07/29 06:17:00 - 07/29 07:29:54	Track (189.3, -480.3)	[Ⓜ] 07/29 06:14:00	AR 12849
07/29 13:03:00 - 07/29 17:59:54	Track (552.4, 285.9)	[Ⓜ] 07/29 07:30:00	HOP 422 + AR 12846
07/29 18:13:00 - 07/29 23:59:54	Track (415.2, -354.3)	[Ⓜ] 07/29 18:10:00	AR 12849 + HOP 362 page 2 (start at 0:00 on 7/30)
07/30 21:43:00 - 07/30 23:49:30	Track (612.4, -341.3)	[Ⓜ] 07/30 21:40:00	AR 12849 + HOP 362 page 2 (start at 00:00 UT on 07/31)
07/31 18:29:30 - 08/01 02:59:54	Track (616.1, -458.1)	[Ⓜ] 07/31 17:50:00	AR 12849
08/01 06:11:30 - 08/01 17:59:54	Track (683.0, -450.4)	[Ⓜ] 08/01 06:08:30	AR 12849
08/01 18:13:00 - 08/02 00:59:54	Track (739.0, -442.1)	[Ⓜ] 08/01 18:10:00	AR 12849
08/02 05:23:00 - 08/02 06:24:24	Track (782.2, -433.8)	[Ⓜ] 08/02 05:20:00	AR 12849
08/02 19:53:00 - 08/03 00:59:54	Track (824.8, -422.2)	[Ⓜ] 08/02 19:50:00	AR 12849

PROG= 19 Inf.-time(s)

Subr= 1		1-time(s)	2.0sec										
Seqn= 92		1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
Subr= 2		4-time(s)	2.0sec										
Seqn= 47		1-time(s)	2.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec
Seqn= 77		4-time(s)	300.0sec										
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	0	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	1	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	1	95.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	2	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	2	2.0sec
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval		

XOB #1C8F: Synoptic Q95 2x2 - Al/mesh(64/512/2897) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(128/1024/4096) +

Term	Pointing (x, y)	Comment
07/28 18:23:00 - 07/28 18:29:54	Fixed (0.0, 0.0)	synoptic, shifted 20.0 min
07/29 06:07:00 - 07/29 06:13:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/29 18:03:00 - 07/29 18:09:54	Fixed (0.0, 0.0)	synoptic
07/30 06:20:00 - 07/30 06:26:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/30 17:57:30 - 07/30 18:04:24	Fixed (0.0, 0.0)	synoptic, shifted -5.5 min
07/31 05:41:30 - 07/31 05:48:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/31 17:43:00 - 07/31 17:49:54	Fixed (0.0, 0.0)	synoptic, shifted -20.0 min
08/01 06:01:30 - 08/01 06:08:24	Fixed (0.0, 0.0)	HOP 349 and synoptic
08/02 03:13:00 - 08/02 03:19:54	Fixed (0.0, 0.0)	HOP 173 synoptic
08/02 06:27:30 - 08/02 06:34:24	Fixed (0.0, 0.0)	synoptic, shifted 24.5 min
08/02 19:43:00 - 08/02 19:49:54	Fixed (0.0, 0.0)	synoptic, shifted 100.0 min
08/03 02:58:00 - 08/03 03:04:54	Fixed (0.0, 0.0)	HOP 173 synoptic
08/03 05:50:30 - 08/03 05:57:24	Fixed (0.0, 0.0)	synoptic, shifted -12.5 min

PROG= 16 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= 36		1-time(s)	2.0sec										
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	63ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 85		1-time(s)	2.0sec										
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 54		1-time(s)	2.0sec										
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec
Seqn= 23		1-time(s)	2.0sec										
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	2048x2048	(1024, 1024)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	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 #1BCB: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 30s cad

Term	Pointing (x, y)	Comment
07/29 00:03:00 - 07/29 02:59:54	Track (506.2, 282.5)	[Ⓜ] 07/29 00:00:00 HOP 362 page 1
07/30 00:03:00 - 07/30 02:59:54	Track (415.2, -354.3)	[Ⓜ] 07/29 18:10:00 AR 12849 + HOP 362 page 2 (start at 0:00 on 7/30)
07/31 00:18:00 - 07/31 02:58:00	Track (612.4, -341.3)	[Ⓜ] 07/30 21:40:00 AR 12849 + HOP 362 page 2 (start at 00:00 UT on 07/31)

PROG= 14 Inf.-time(s)

Subr= 1		1-time(s)	2.0sec										
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Seqn= 92	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec							
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec							
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec							
Seqn= 71	3-time(s)	2.0sec																		
Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	1024x1024	(512, 1536)	Q=98	3	0	2.0sec							
Subr= 2	90-time(s)	30.0sec																		
Seqn= 35	1-time(s)	2.0sec																		
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024	(512, 1536)	Q=95	2	0	2.0sec							
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(512, 1536)	Q=95	2	0	2.0sec							
Seqn= 58	1-time(s)	2.0sec																		
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec							
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384	(1064, 1048)	Q=95	3	1	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

XOB #1C98: HOP349 - 3-filter Synoptics (Al-mesh[24/256/2897], Al-poly[45/512/4096], thin-Be[512/8192/23142] with 512x512 G-band+Leak - 45min cad) + CF

Term	Pointing (x, y)	Comment
07/29 03:03:00 - 07/29 06:03:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/30 03:03:00 - 07/30 06:16:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/31 03:33:30 - 07/31 05:38:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
08/01 03:03:00 - 08/01 05:58:24	Fixed (0.0, 0.0)	HOP 349 and synoptic

PROG= 08 Inf.-time(s)

Subr= 1	1-time(s)	600.0sec																		
Seqn= 1	1-time(s)	2.0sec																		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	24ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.83s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 99	1-time(s)	2.0sec																		
Al-poly/Open	Al-poly/Open	close	Safe	Norm	44ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 54	1-time(s)	2.0sec																		
thin-Be/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
thin-Be/Open	thin-Be/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
thin-Be/Open	thin-Be/Open	close	Safe	Norm	22.6s	Obs	2x2	2048x2048	(1024, 1024)	Q=95	0	0	2.0sec							
Seqn= 30	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0	0	2.0sec							
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=95	0	0	2.0sec							
Subr= 2	4-time(s)	600.0sec																		
Seqn= 8	1-time(s)	2.0sec																		
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048	(1024, 1024)	Q=98	3	0	2.0sec							
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048	(1024, 1024)	DPCM	2	0	2.0sec							
Seqn= 6	1-time(s)	2.0sec																		
Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	3	0	2.0sec							
Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048	(1024, 1024)	DPCM	2	0	2.0sec							
Seqn= 29	1-time(s)	2.0sec																		
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	125ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	3	0	2.0sec							
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	250ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	2	0	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

XOB #1CB8: AR-(filter ratio Al/poly thin-Be), 256x256 at 1064 1048, with G-band 1ms, PFB, 30s cad

Term	Pointing (x, y)	Comment
07/29 07:33:00 - 07/29 12:59:54	Track (552.4, 285.9) @ 07/29 07:30:00	HOP 422 + AR 12846
07/30 06:30:00 - 07/30 12:59:54	Track (675.1, 298.3) @ 07/30 06:27:00	AR 12846 + HOP 422 (start at 7:30)
07/31 05:51:30 - 07/31 17:39:54	Track (542.4, -464.6) @ 07/31 05:48:30	AR 12849
08/02 06:37:30 - 08/02 12:59:54	Track (786.5, -432.9) @ 08/02 06:34:30	AR 12849 + HOP 422 (start at 7:30UT)
08/03 06:00:30 - 08/03 09:34:00	Track (845.2, -413.7) @ 08/03 05:57:30	AR 12849 + HOP 422 'start at 7:30 UT)

PROG= 11 Inf.-time(s)

Subr= 1	1-time(s)	2.0sec																		
Seqn= 4	1-time(s)	2.0sec																		
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 1536)	DPCM	0	0	2.0sec							
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 1536)	DPCM	0	0	2.0sec							
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024	(512, 1536)	Q=98	0	0	2.0sec							
Subr= 2	240-time(s)	30.0sec																		
Seqn= 79	1-time(s)	2.0sec																		
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024	(1536, 512)	Q=95	1	0	2.0sec							
Open/Al-mesh	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 512)	Q=95	1	0	2.0sec							
Seqn= 65	1-time(s)	2.0sec																		
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 512)	Q=95	1	1	2.0sec							
med-Be/Open	Open/thick-Al	close	Safe	Norm	1.00s	Obs	1x1	1024x1024	(1536, 512)	Q=95	1	1	2.0sec							
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval									

XOB #1C9A: HOP336 1-filter - Al/poly -384x384, 128ms and 2s, 60s-cadence, G-band - 384x384 1ms

Term	Pointing (x, y)	Comment
07/30 13:03:00 - 07/30 16:29:54	Fixed (-25.0, -149.0)	HOP 393
08/02 13:03:00 - 08/02 15:47:00	Fixed (-25.0, 409.0)	HOP 336 1/2
08/02 16:17:00 - 08/02 19:03:30	Fixed (-25.0, -732.0)	HOP 336 2/2

PROG= 07 Inf.-time(s)														
Subr= 1		1-time(s)	2.0sec											
└─ Seqn= 16		2-time(s)	2.0sec											
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec											
└─ Seqn= 90		1-time(s)	30.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0	0	2.0sec
Subr= 3		15-time(s)	2.0sec											
└─ Seqn= 60		1-time(s)	60.0sec											
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	1x1	1024x1024	(1536, 1536)	Q=90	0	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

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

Term	Pointing (x, y)	Comment
07/30 16:33:00 - 07/30 17:16:00	Track (452.3, -470.7) @ 07/30 16:30:00	EIS obs. before HOP 421

PROG= 18 Inf.-time(s)														
Subr= 1		1-time(s)	2.0sec											
└─ Seqn= 92		1-time(s)	2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
Subr= 2		5-time(s)	2.0sec											
└─ Seqn= 47		1-time(s)	2.0sec											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	2	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	2	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec
└─ Seqn= 96		4-time(s)	120.0sec											
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	Q=95	1	0	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	1	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	1	2.0sec
	Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	2	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384	(1064, 1048)	Q=95	1	2	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1CBA: HOP421MaGIX - High cadence (8s thin-Be only) 384x384 at 1064 1048

Term	Pointing (x, y)	Comment
07/30 18:07:30 - 07/30 18:54:30	Track (463.4, -470.0) @ 07/30 18:04:30	HOP 421 and EIS obs after HOP 421

PROG= 02 Inf.-time(s)														
Subr= 1		1-time(s)	2.0sec											
└─ Seqn= 67		1-time(s)	2.0sec											
	Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
	Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	1024x1024	(1536, 1536)	Q=98	0	0	2.0sec
└─ Seqn= 43		1-time(s)	2.0sec											
	Open/G-band	Open/G-band	close	Safe	Norm	63ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec
Subr= 2		1-time(s)	2.0sec											
└─ Seqn= 22		250-time(s)	8.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1B95: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 90s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
07/30 19:31:00 - 07/30 21:39:54	Track (463.4, -470.0) @ 07/30 18:04:30	HOP 421 and EIS obs after HOP 421

PROG= 17 Inf.-time(s)														
Subr= 1		1-time(s)	2.0sec											
└─ Seqn= 30		1-time(s)	2.0sec											
	Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(512, 512)	Q=95	0	0	2.0sec
Subr= 2		40-time(s)	90.0sec											
└─ Seqn= 8		1-time(s)	2.0sec											
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048	(1024, 1024)	Q=98	3	0	2.0sec
	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048	(1024, 1024)	DPCM	2	0	2.0sec
└─ Seqn= 6		1-time(s)	2.0sec											
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048	(1024, 1024)	Q=98	3	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048	(1024, 1024)	DPCM	2	0	2.0sec
	Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval	

XOB #1BA3: AR Standard-A(Filter-Ratio with Al/poly and thin-Be) with PFB, 384x384 at 1064 1048, thin-Be, thick-Al, Al/Poly context, with G-band (1ms/1ms)

Term	Pointing (x, y)	Comment
08/02 01:28:00 - 08/02 03:09:54	Fixed (820.0, 340.0)	HOP 173 (AR12846)
08/02 03:23:00 - 08/02 05:19:54	Track (793.8, -534.6) @ 08/02 03:20:00	HOP 173 (AR12847)
08/03 01:03:00 - 08/03 02:54:54	Fixed (800.0, 360.0)	HOP 173 (AR12846)
08/03 03:42:00 - 08/03 05:47:24	Fixed (790.0, -510.0)	HOP 173 (AR12847)

PROG= 09 Inf.-time(s)

Subr= 1		1-time(s)		2.0sec											
Seqn= 92		1-time(s)		2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec		
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	1024x1024	(1536, 1536)	DPCM	0	0	2.0sec		
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	1024x1024	(1536, 1536)	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	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec		
thin-Be/Open	med-Be/Open	close	Safe	Norm	5.66s	Obs	1x1	1024x1024	(512, 1536)	Q=95	3	0	2.0sec		
Open/thick-Al	Open/thick-Al	close	Safe	Norm	16.0s	Obs	1x1	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec		
Seqn= 32		40-time(s)		90.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	1024x1024	(1536, 1536)	Q=95	3	0	2.0sec		
Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	1024x1024	(1536, 1536)	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			

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Flare mode

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XOB #1C96: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Be/thick), AEC 3, 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512x512 2x2) + G

Term	Pointing (x, y)	Comment
07/28 16:48:06 - 07/28 17:42:30	Track (78.1, -481.6) [Ⓜ] 07/28 16:45:00	AR 12849
07/28 18:33:00 - 07/28 23:59:54	Track (92.7, -481.5) [Ⓜ] 07/28 18:30:00	AR 12849
07/29 00:03:00 - 07/29 02:59:54	Track (506.2, 282.5) [Ⓜ] 07/29 00:00:00	HOP 362 page 1
07/29 03:03:00 - 07/29 06:03:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/29 06:17:00 - 07/29 07:29:54	Track (189.3, -480.3) [Ⓜ] 07/29 06:14:00	AR 12849
07/29 13:03:00 - 07/29 17:59:54	Track (552.4, 285.9) [Ⓜ] 07/29 07:30:00	HOP 422 + AR 12846
07/29 18:13:00 - 07/29 23:59:54	Track (415.2, -354.3) [Ⓜ] 07/29 18:10:00	AR 12849 + HOP 362 page 2 (start at 0:00 on 7/30)
07/30 00:03:00 - 07/30 02:59:54	Track (415.2, -354.3) [Ⓜ] 07/29 18:10:00	AR 12849 + HOP 362 page 2 (start at 0:00 on 7/30)
07/30 03:03:00 - 07/30 06:16:54	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/30 13:03:00 - 07/30 16:29:54	Fixed (-25.0, -149.0)	HOP 393
07/30 16:33:00 - 07/30 17:16:00	Track (452.3, -470.7) [Ⓜ] 07/30 16:30:00	EIS obs. before HOP 421
07/30 19:31:00 - 07/30 21:39:54	Track (463.4, -470.0) [Ⓜ] 07/30 18:04:30	HOP 421 and EIS obs after HOP 421
07/30 21:43:00 - 07/30 23:49:30	Track (612.4, -341.3) [Ⓜ] 07/30 21:40:00	AR 12849 + HOP 362 page 2 (start at 00:00 UT on 07/31)
07/31 00:18:00 - 07/31 02:58:00	Track (612.4, -341.3) [Ⓜ] 07/30 21:40:00	AR 12849 + HOP 362 page 2 (start at 00:00 UT on 07/31)
07/31 03:33:30 - 07/31 05:38:24	Fixed (0.0, 0.0)	HOP 349 + synoptic
07/31 18:29:30 - 08/01 02:59:54	Track (616.1, -458.1) [Ⓜ] 07/31 17:50:00	AR 12849
08/01 03:03:00 - 08/01 05:58:24	Fixed (0.0, 0.0)	HOP 349 and synoptic
08/01 06:11:30 - 08/01 17:59:54	Track (683.0, -450.4) [Ⓜ] 08/01 06:08:30	AR 12849
08/01 18:13:00 - 08/02 00:59:54	Track (739.0, -442.1) [Ⓜ] 08/01 18:10:00	AR 12849
08/02 01:28:00 - 08/02 03:09:54	Fixed (820.0, 340.0)	HOP 173 (AR12846)
08/02 03:23:00 - 08/02 05:19:54	Track (793.8, -534.6) [Ⓜ] 08/02 03:20:00	HOP 173 (AR12847)
08/02 05:23:00 - 08/02 06:24:24	Track (782.2, -433.8) [Ⓜ] 08/02 05:20:00	AR 12849
08/02 13:03:00 - 08/02 15:47:00	Fixed (-25.0, 409.0)	HOP 336 1/2
08/02 16:17:00 - 08/02 19:03:30	Fixed (-25.0, -732.0)	HOP 336 2/2
08/02 19:53:00 - 08/03 00:59:54	Track (824.8, -422.2) [Ⓜ] 08/02 19:50:00	AR 12849
08/03 01:03:00 - 08/03 02:54:54	Fixed (800.0, 360.0)	HOP 173 (AR12846)
08/03 03:42:00 - 08/03 05:47:24	Fixed (790.0, -510.0)	HOP 173 (AR12847)

PROG= 04 30-time(s)

Subr= 1		20-time(s)		2.0sec											
Seqn= 11		1-time(s)		2.0sec											
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec		
Seqn= 73		1-time(s)		10.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec		
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec		
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec		
Subr= 2		1-time(s)		2.0sec											
Seqn= 10		1-time(s)		2.0sec											
med-Al/Open	med-Al/thick-Al	close	Safe	Norm	500ms	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec		
Open/thick-Be	Open/thick-Be	close	Safe	Norm	2.00s	Obs	1x1	384x384	(1024, 1024)	Q=95	3	0	2.0sec		
Seqn= 11		1-time(s)		2.0sec											
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512	(1024, 1024)	Q=95	2	0	2.0sec		
Seqn= 87		1-time(s)		2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec		
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec		
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384	(1024, 1024)	Q=98	0	0	2.0sec		
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512	(1024, 1024)	Q=98	0	0	2.0sec		
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp.	AEC Buffer	Interval			

XOB #1CB7: Flare - multifilter 4 sec cadence (Be/thin, Be/med), AEC 1, 384x384

Term	Pointing (x, y)	Comment
07/29 07:33:00 - 07/29 12:59:54	Track (552.4, 285.9) [Ⓜ] 07/29 07:30:00	HOP 422 + AR 12846
07/30 06:30:00 - 07/30 12:59:54	Track (675.1, 298.3) [Ⓜ] 07/30 06:27:00	AR 12846 + HOP 422 (start at 7:30)
07/31 05:51:30 - 07/31 17:39:54	Track (542.4, -464.6) [Ⓜ] 07/31 05:48:30	AR 12849
08/02 06:37:30 - 08/02 12:59:54	Track (786.5, -432.9) [Ⓜ] 08/02 06:34:30	AR 12849 + HOP 422 (start at 7:30UT)
08/03 06:00:30 - 08/03 09:34:00	Track (845.2, -413.7) [Ⓜ] 08/03 05:57:30	AR 12849 + HOP 422 (start at 7:30 UT)

PROG= 01 30-time(s)

Subr= 1		30-time(s)		2.0sec											
Seqn= 31		1-time(s)		10.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec			
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec			
Subr= 2		1-time(s)		2.0sec											
Seqn= 31		160-time(s)		20.0sec											
thin-Be/Open	med-Be/Open	close	Safe	Norm	8ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec			
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	1	0	2.0sec			
Seqn= 76		1-time(s)		2.0sec											
Open/G-band	Open/G-band	open	Safe	Norm	44ms	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec			
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=98	0	0	2.0sec			
Open/thick-Al	Open/thick-Al	close	Safe	Dark	1.00s	Obs	2x2	512x512 (1024, 1024)	Q=98	0	0	2.0sec			
Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC Buffer	Interval				

* * * * *

Active Region Search

* * * * *

NOT USED

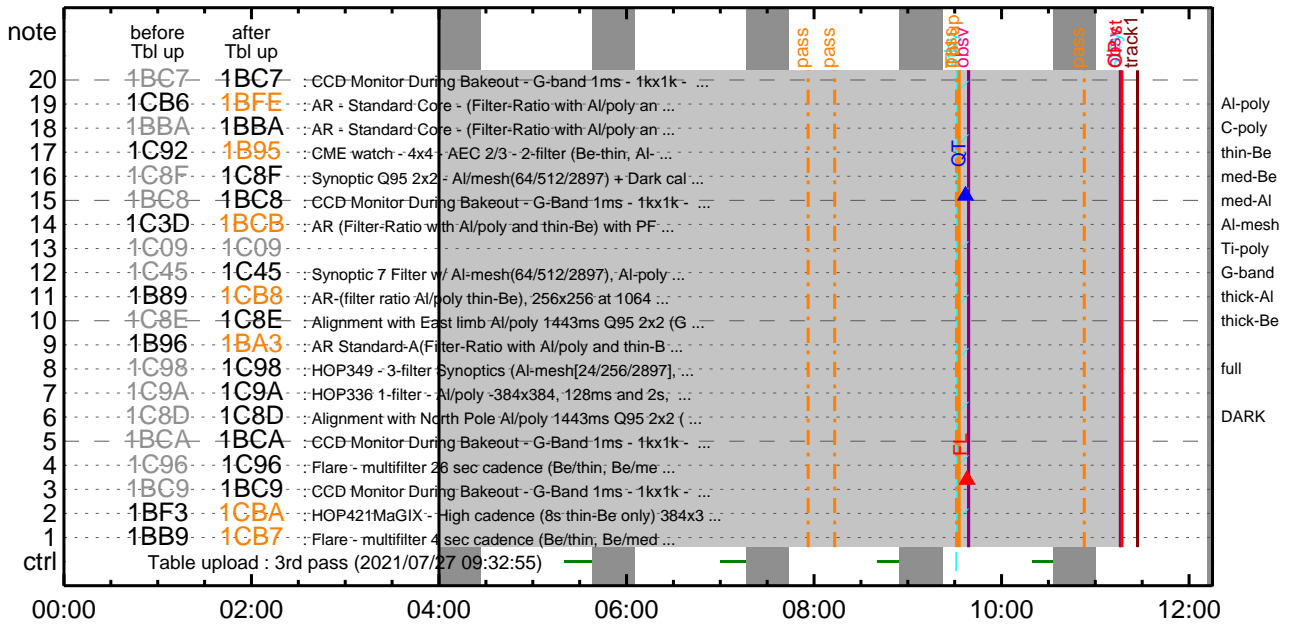
* * * * *

Flare Detection

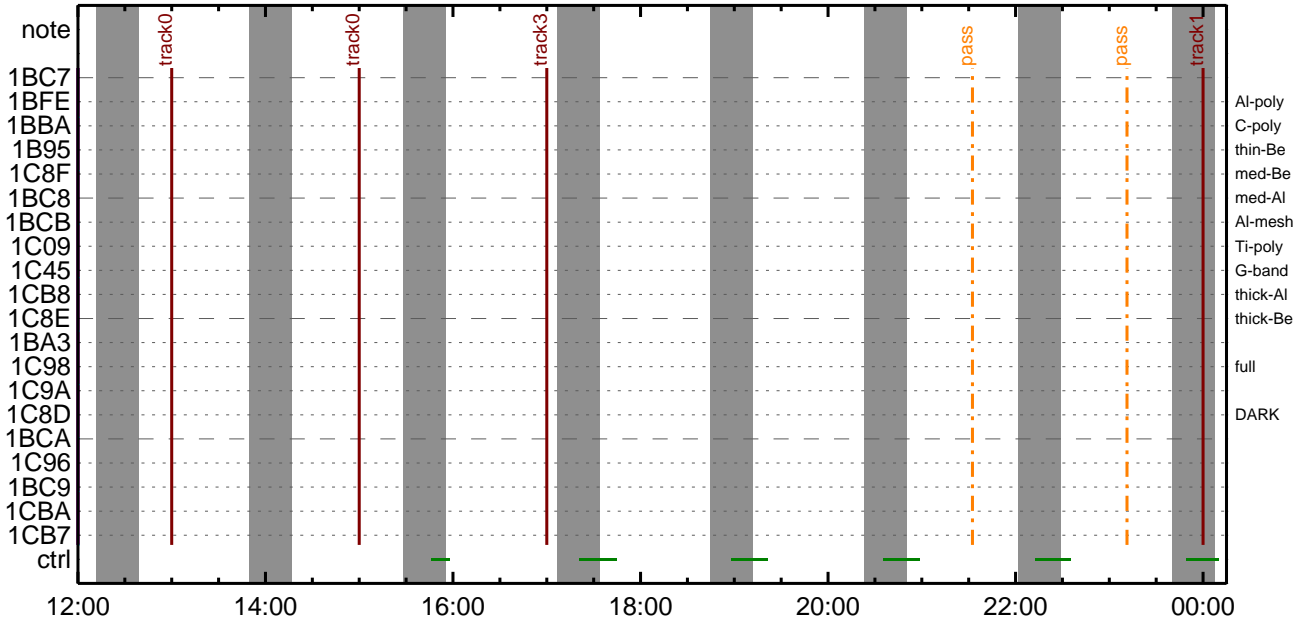
* * * * *

FLD Patrol												
Term	Pointing (x, y)						Comment					
07/28 16:45:23 - 07/28 18:20:18	Track (78.1, -481.6) [Ⓢ] 07/28 16:45:00						AR 12849					
07/28 18:30:18 - 07/29 06:04:18	Track (92.7, -481.5) [Ⓢ] 07/28 18:30:00						AR 12849					
07/29 06:14:18 - 07/29 18:00:18	Track (189.3, -480.3) [Ⓢ] 07/29 06:14:00						AR 12849					
07/29 18:10:18 - 07/30 06:17:18	Track (415.2, -354.3) [Ⓢ] 07/29 18:10:00						AR 12849 + HOP 362 plage 2 (start at 0:00 on 7/30)					
07/30 06:27:18 - 07/30 17:54:48	Track (675.1, 298.3) [Ⓢ] 07/30 06:27:00						AR 12846 + HOP 422 (start at 7:30)					
07/30 19:20:18 - 07/31 05:38:48	Track (463.4, -470.0) [Ⓢ] 07/30 18:04:30						HOP 421 and EIS obs after HOP 421					
07/31 17:50:18 - 08/01 05:58:48	Track (616.1, -458.1) [Ⓢ] 07/31 17:50:00						AR 12849					
08/01 06:08:48 - 08/01 18:00:18	Track (683.0, -450.4) [Ⓢ] 08/01 06:08:30						AR 12849					
08/01 18:10:18 - 08/02 03:10:18	Track (739.0, -442.1) [Ⓢ] 08/01 18:10:00						AR 12849					
08/02 03:20:18 - 08/02 06:24:48	Track (793.8, -534.6) [Ⓢ] 08/02 03:20:00						HOP 173 (AR12847)					
08/02 06:34:48 - 08/02 19:40:18	Track (786.5, -432.9) [Ⓢ] 08/02 06:34:30						AR 12849 + HOP 422 (start at 7:30UT)					
08/02 19:50:18 - 08/03 02:55:18	Track (824.8, -422.2) [Ⓢ] 08/02 19:50:00						AR 12849					
08/03 03:05:18 - 08/03 05:47:48	Fixed (790.0, -510.0)						HOP 173 (AR12847)					
Al-poly/Open	Al-poly/Open	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	

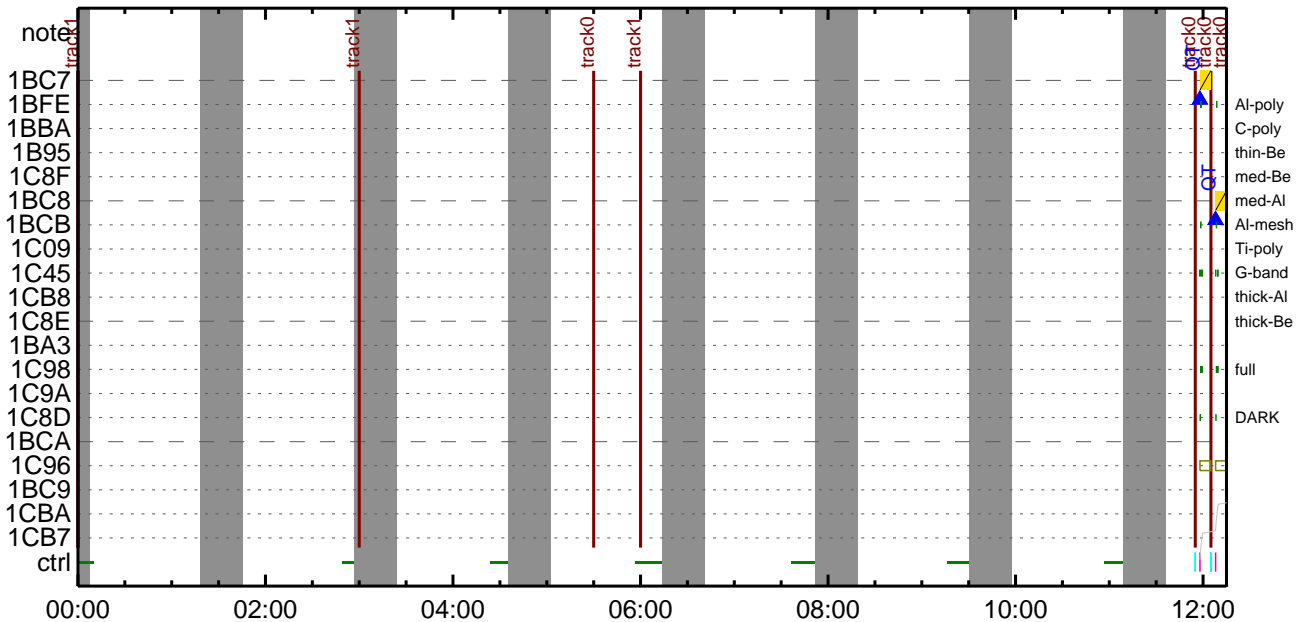
CMDI #0781 2021/07/27



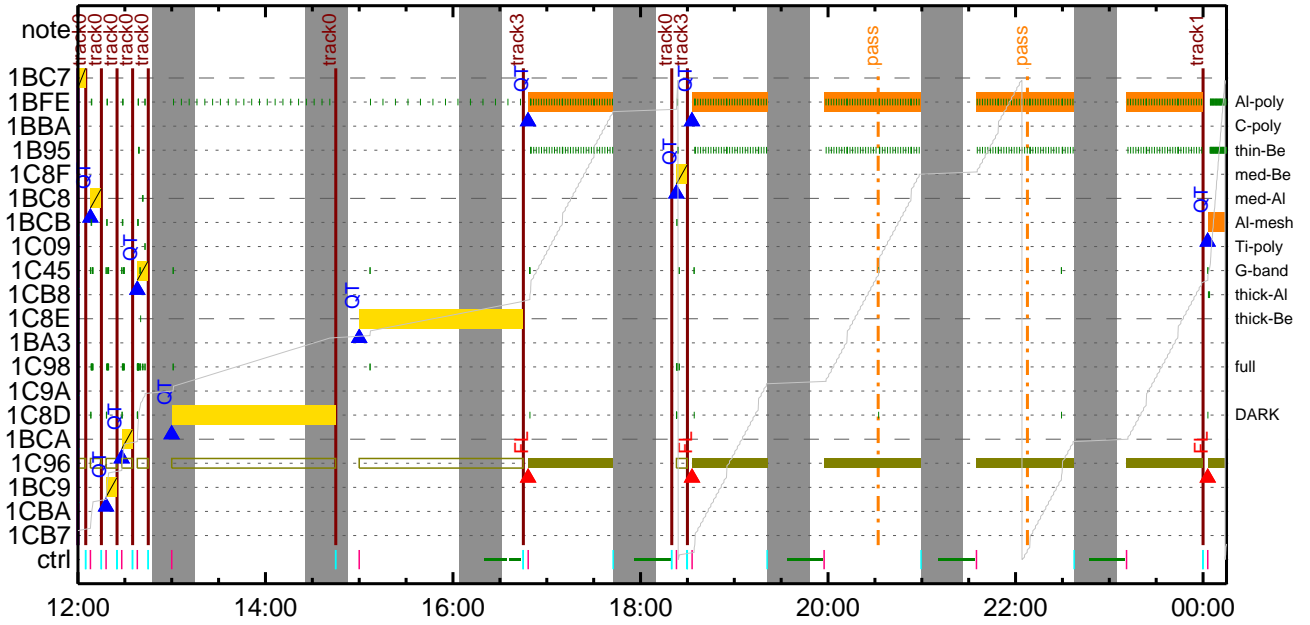
CMDI #0781 2021/07/27



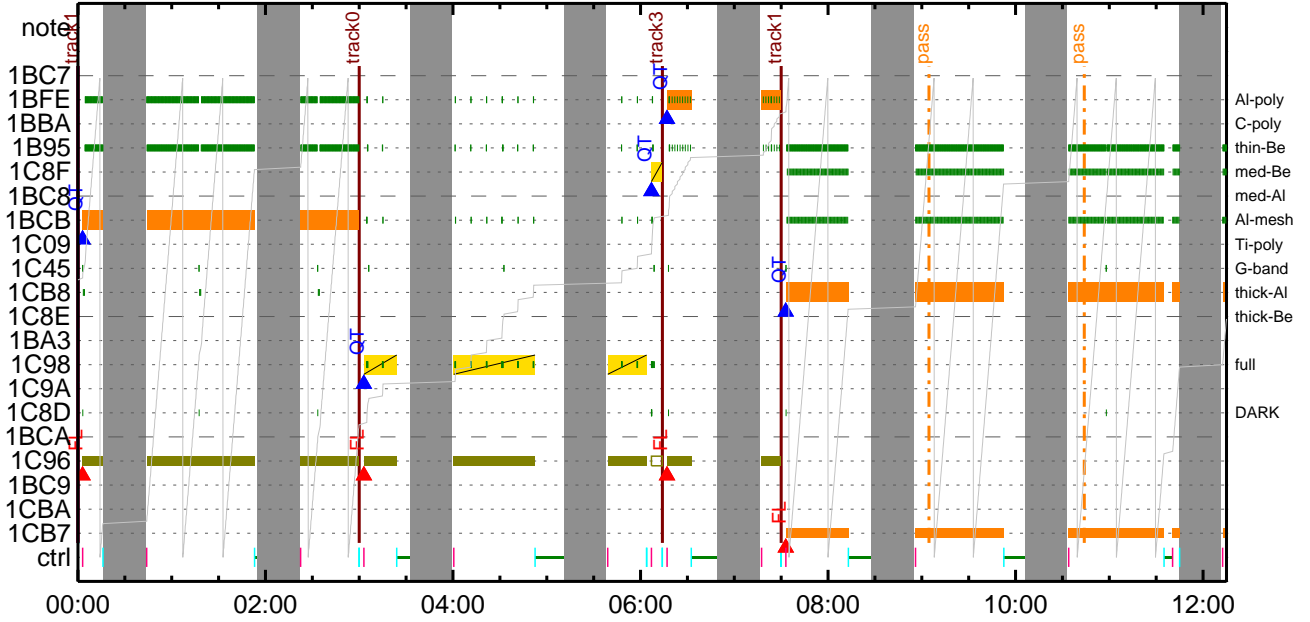
CMDI #0781 2021/07/28



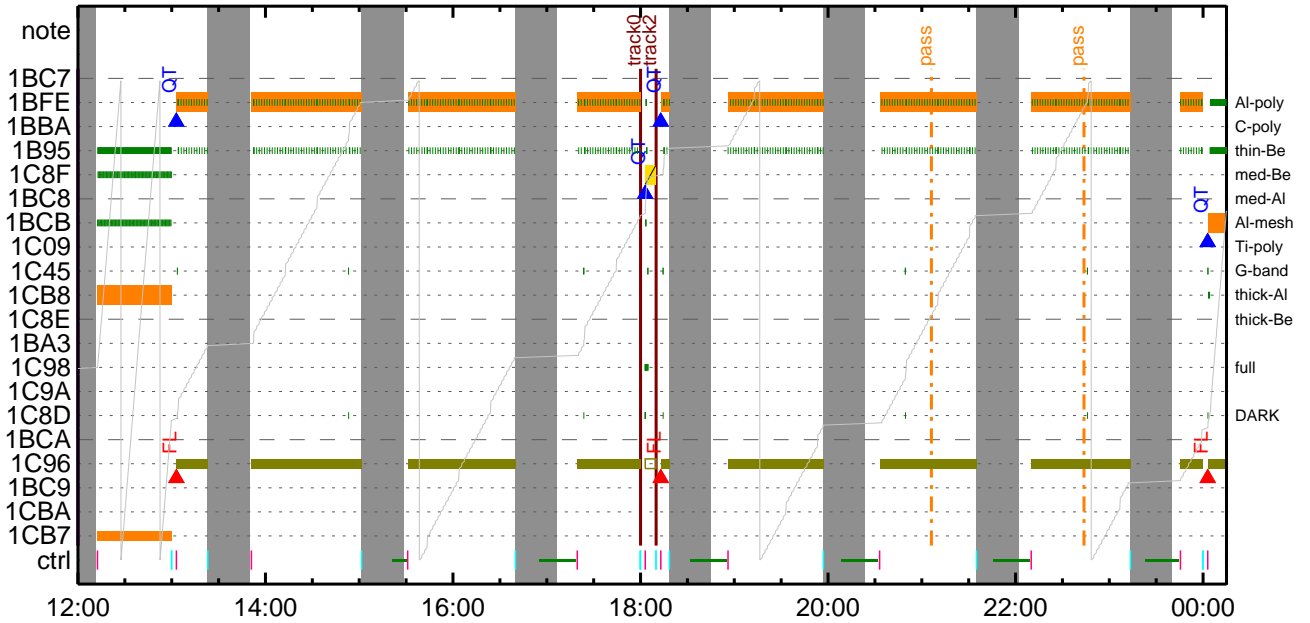
CMDI #0781 2021/07/28



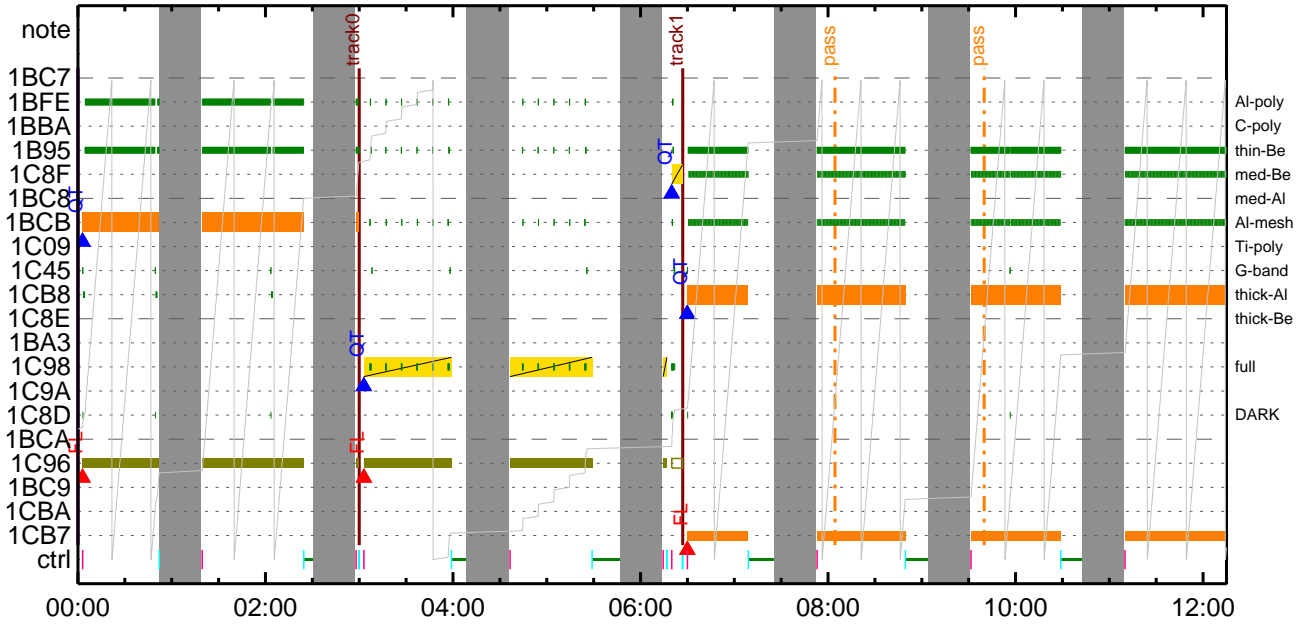
CMDI #0781 2021/07/29



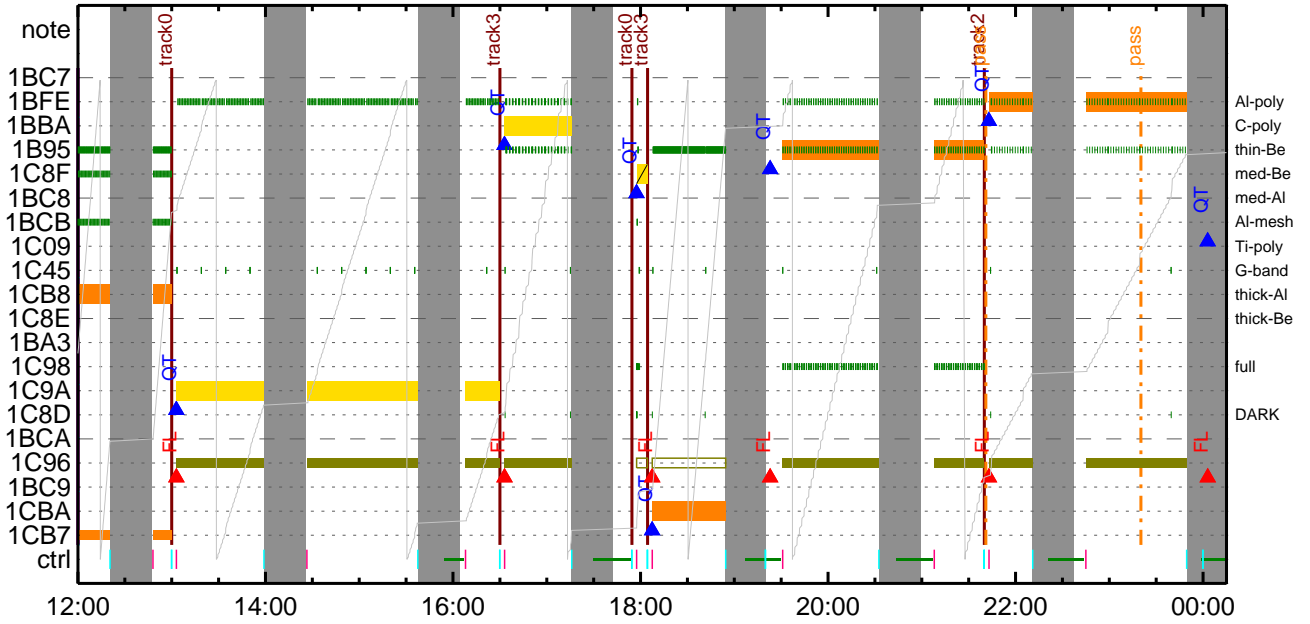
CMDI #0781 2021/07/29



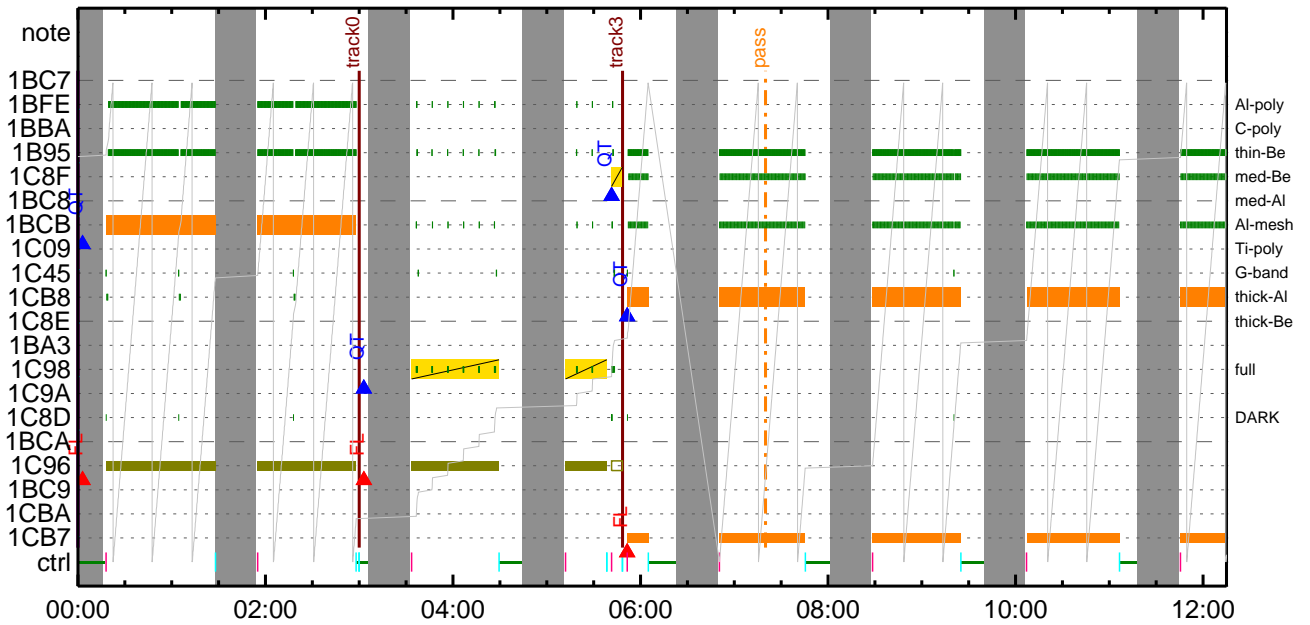
CMDI #0781 2021/07/30



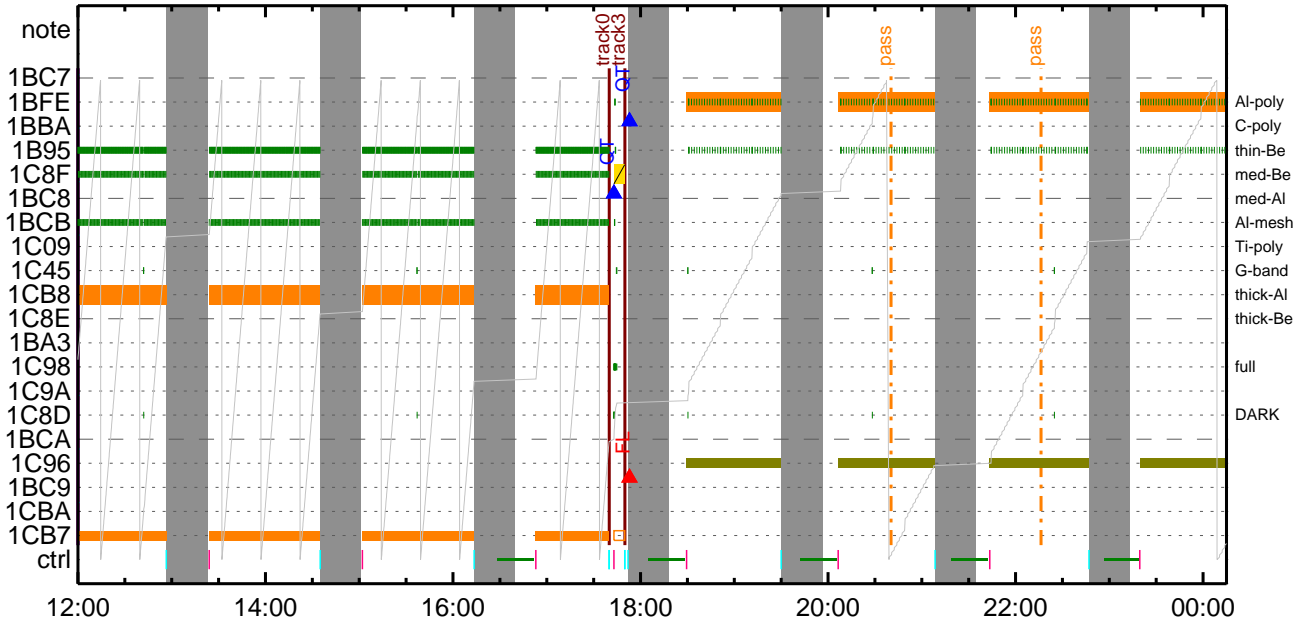
CMDI #0781 2021/07/30



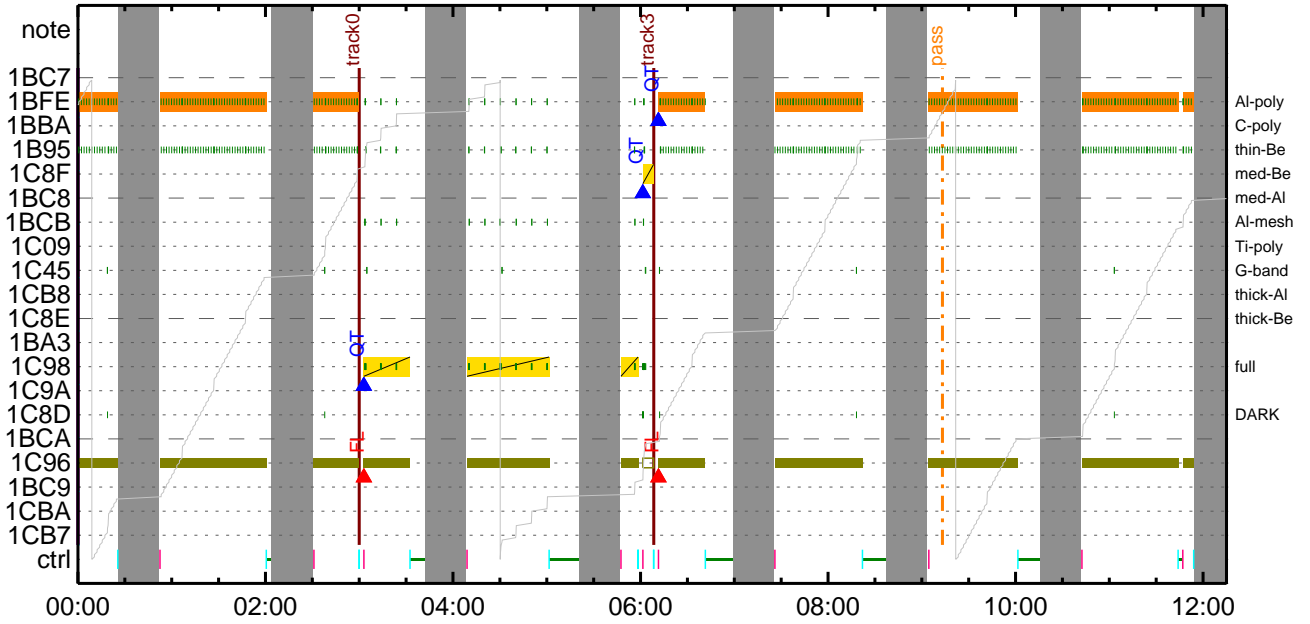
CMDI #0781 2021/07/31



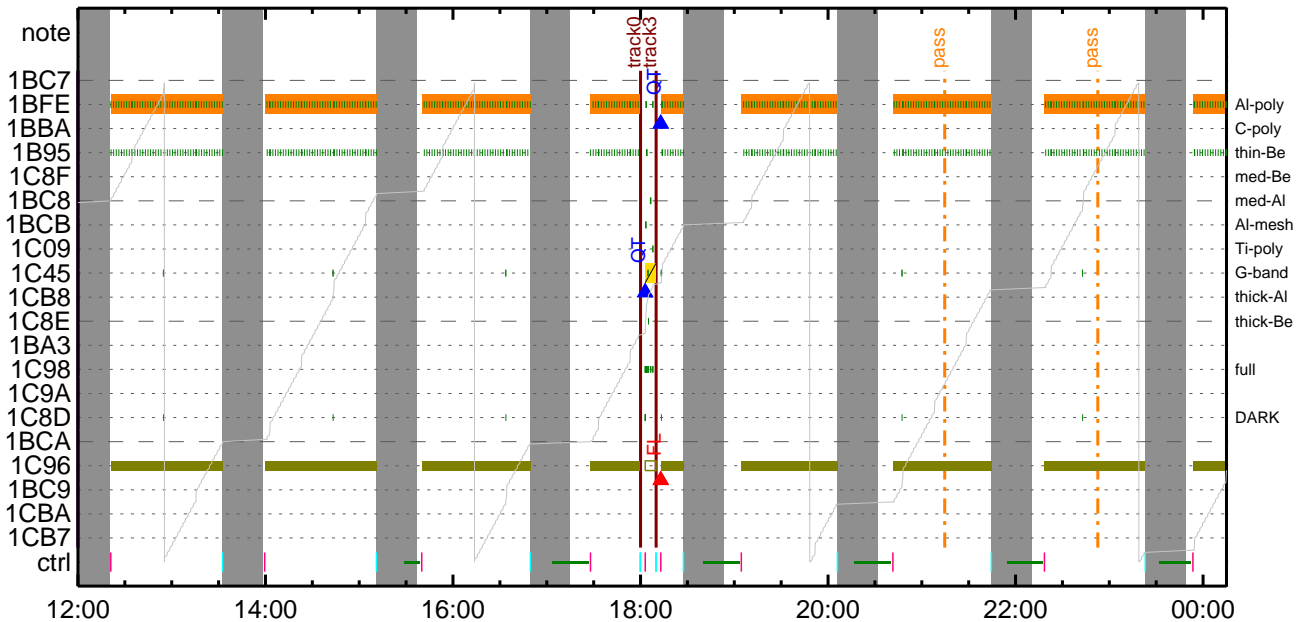
CMDI #0781 2021/07/31



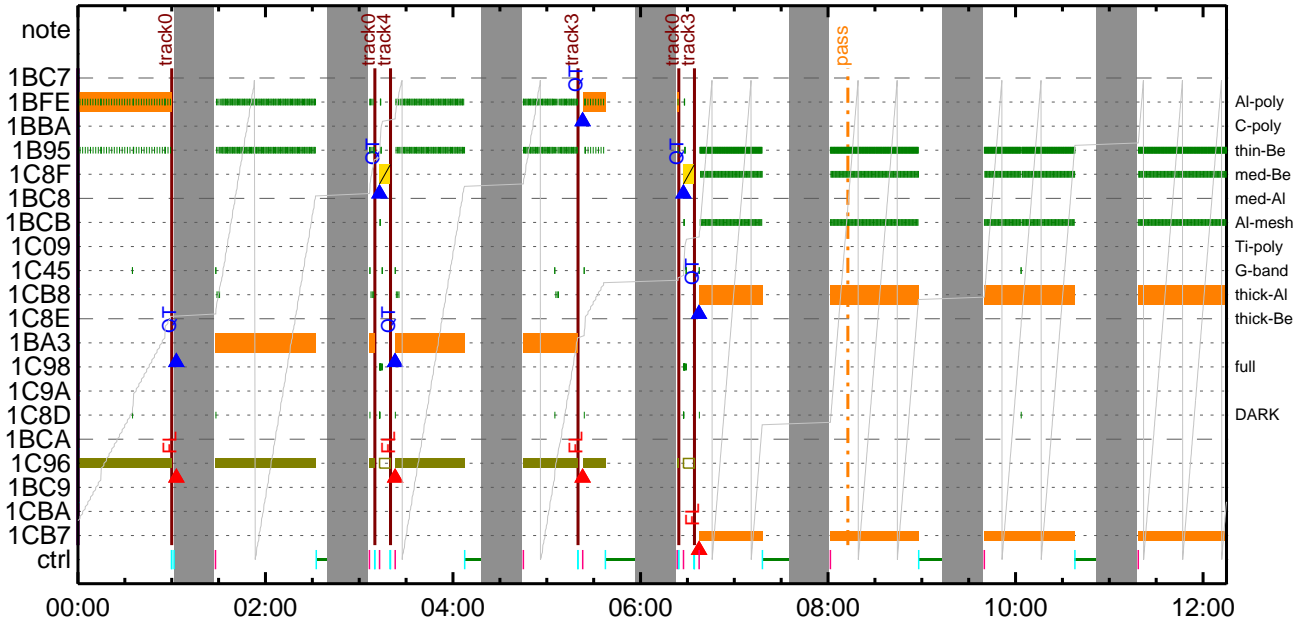
CMDI #0781 2021/08/01



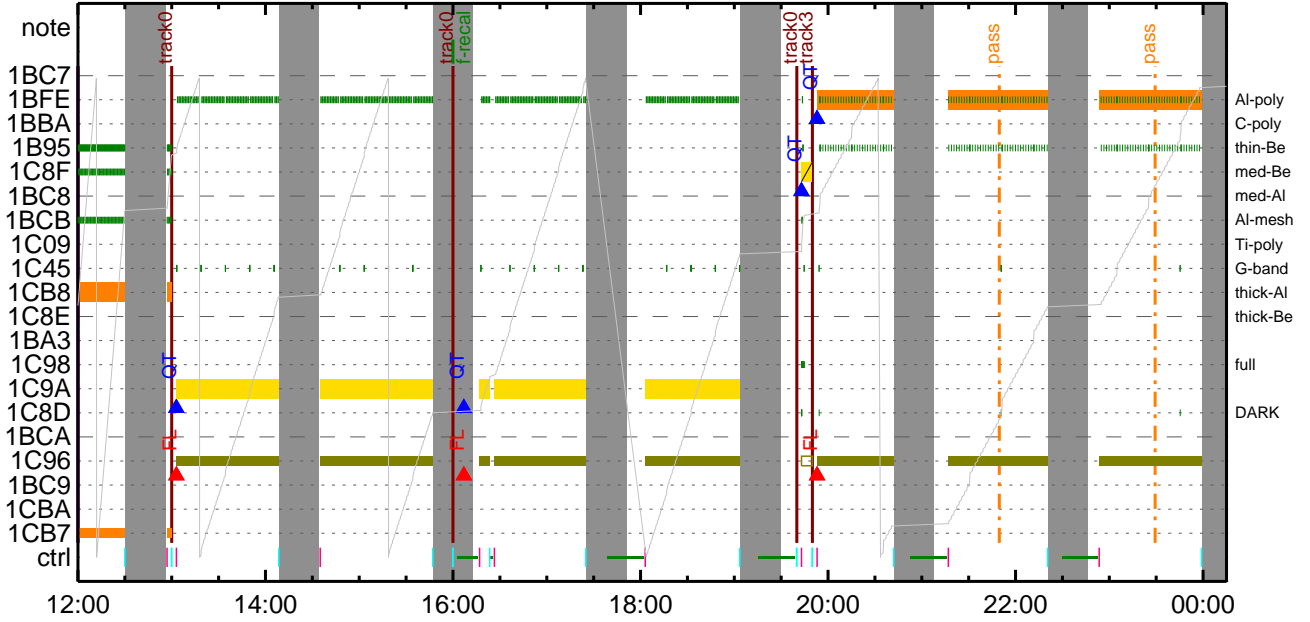
CMDI #0781 2021/08/01



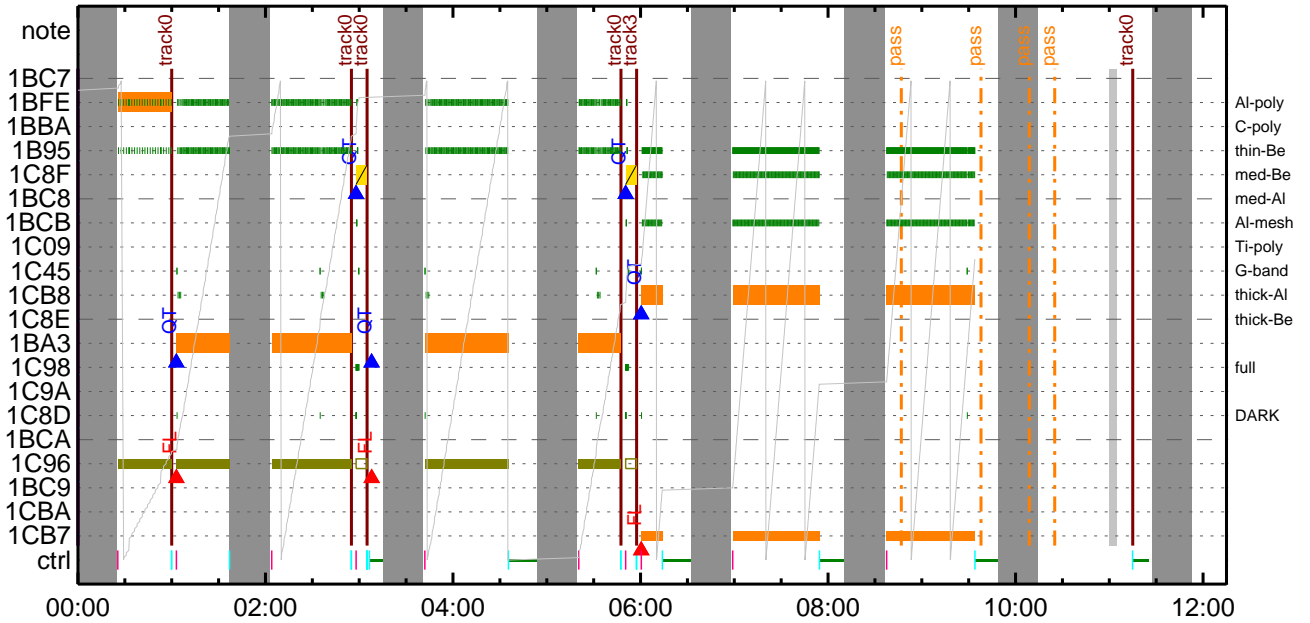
CMDI #0781 2021/08/02



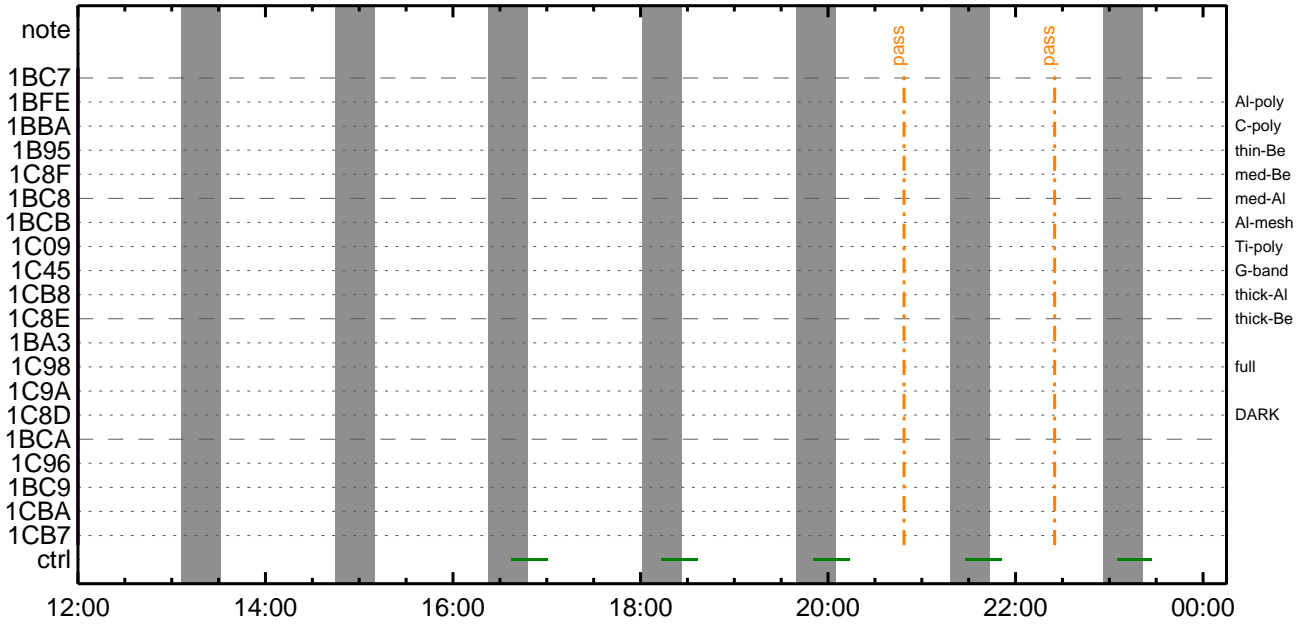
CMDI #0781 2021/08/02



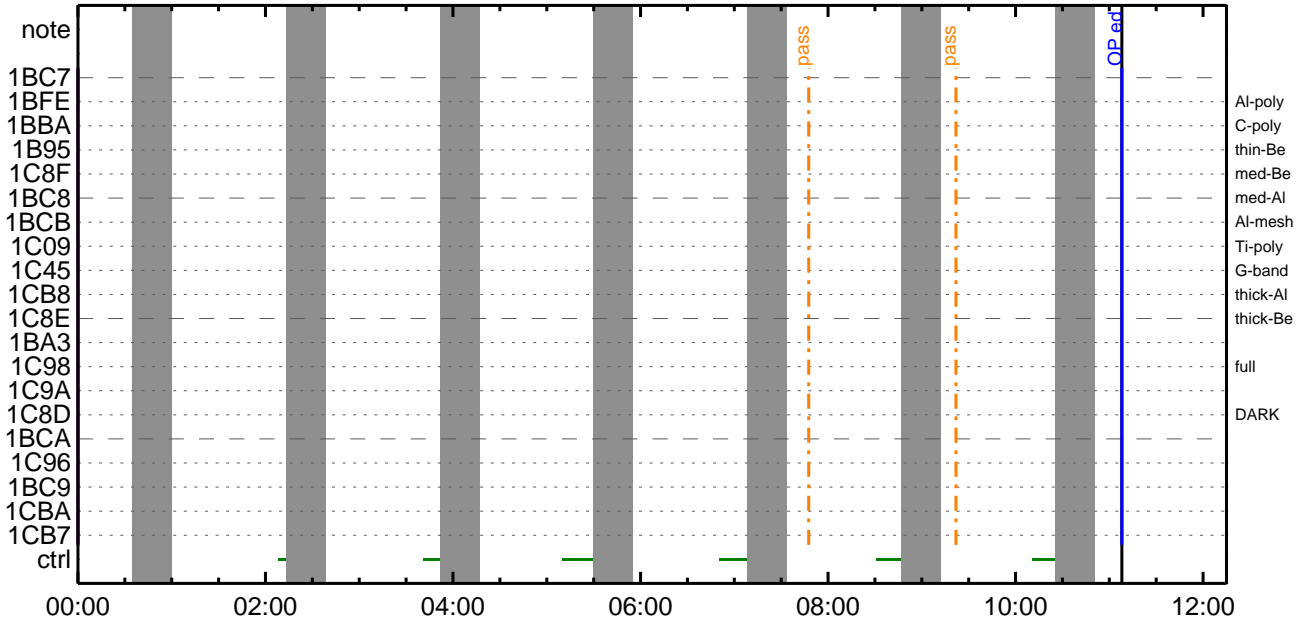
CMDI #0781 2021/08/03



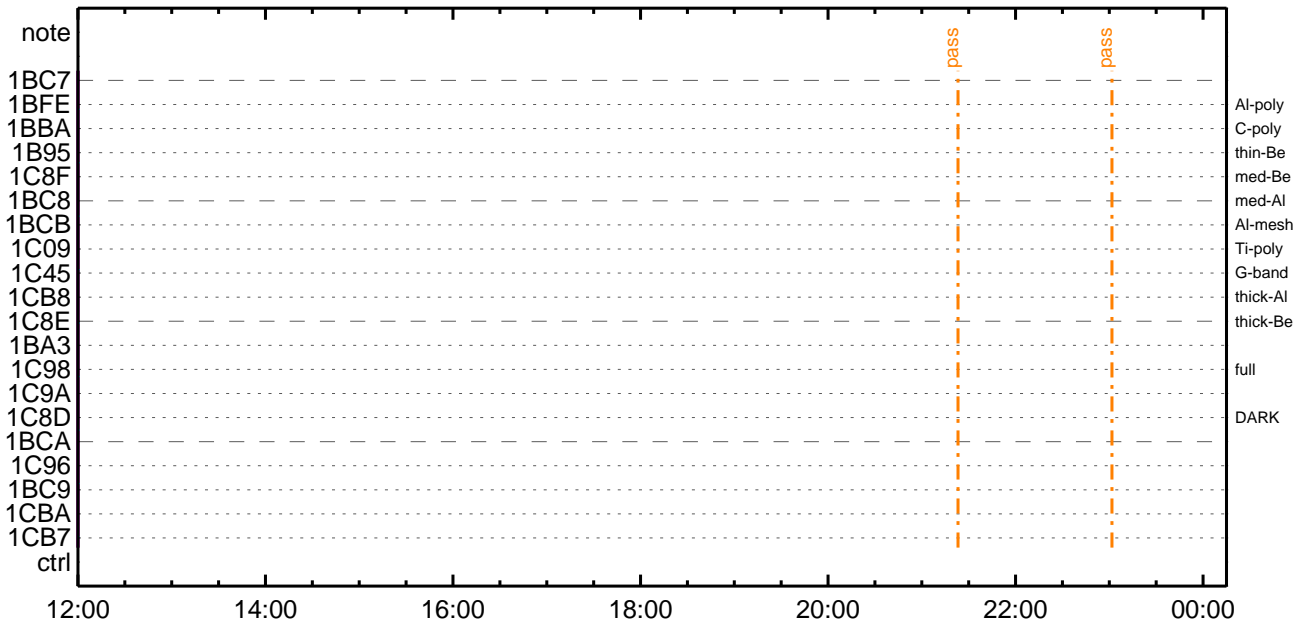
CMDI #0781 2021/08/03



CMDI #0781 2021/08/04



CMDI #0781 2021/08/04




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;ã
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-610:OP
0104 ( )
0105 S. OG og-610:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPîî°èYAYôYx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAYôYx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAYôYx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOG²î¼E¹ç•è²îOK²³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAYôYx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OP²î¼E¹ç•è²îOK²³îÇ§
0165 C.
0166 C. ***** °E²¼²î¼E¹ç•è²îOK²³îÇ§ *****
0167 C. DHUYâ;4YE;E½Y½;Yi;4YE;Eòîã¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOAD²-Á÷ç@NG²î¼E¹ç•è²¼²îTI-CMDÁ÷ç²î¼E¹Ô²•²E²³²E;f
0180 C. ²²²ç;çSET²E²DUMP²î¼E¹ç•è²¼²î¼E¹Ô²³²E;f
0181 C.
0182 C. TIY³Y²YôYE²ò²ÁDîç(UT)
0183 +. TI 2021-07-27 11:12:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2021-07-27 11:12:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2021-07-27 11:12:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2021-07-27 11:16:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.          çç[HK1_TI_CMD_NUM]          EQ      1COUNTUP
0198 C.
0199 C. °Ê²¼αîÄë%îíñαîŷÄŷ§ŷÄŷ-¹àîü
0200 C.          çç[HK1_TI_CMD_ENA/DIS]      EQ      ENA
0201 C.          çç[HK1_TI_CMD_NUM]          EQ      4
0202 C.          çç[HK1_NEXT_EXEC_PIM]       EQ      DHU
0203 C.          çç[HK1_NEXT_EXEC_DC]       EQ      0xB3
0204 C.
0205 C. *****
0206 C. TIîŷ°èŷÄŷÖŷ×
0207 C. *****
0208 C.
0209 C. TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.          çç[HK1_DMP_TOP_ADRS_1]     EQ      07
0213 C.          çç[HK1_DMP_TOP_ADRS_0]     EQ      2B
0214 C.          çç[HK1_DMP_BLOCK_NUM]      EQ      3
0215 C.          çç[HK1_DMP_REPEAT_NUM]     EQ      0
0216 C.          çç[HK1_DMA_DMP_PIM]        EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.          çç[HK1_PKT_FORM_NO]        EQ      7
0220 C.          çç[HK1_PKT_GEN_TIME]       EQ      0.25 s
0221 C.          çç[HK1_S_TLM_BIT_RATE]     EQ      32k
0222 C.          çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0223 C.          çç[HK1_DMP_CHK_FLG]       EQ      EXEC
0224 C.
0225 C. ŷÄŷÖŷ×½ªî»αò³îç§
0226 C.          çç[HK1_DMP_CHK_FLG]       EQ      NON
0227 C.
0228 C. RAM ID=TI_TBLαîŷ°èŷÄŷÖŷ×½ªî»αò³îç§
0229 C.
0230 C. DHUŷä;¼ŷÉ;Ê¼ŷ¼. ŷî;¼ŷÉ;Êαòîäα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.          çç[HK1_PKT_FORM_NO]        EQ      2
0234 C.          çç[HK1_PKT_GEN_TIME]       EQ      0.5S
0235 C.          çç[HK1_S_TLM_BIT_RATE]     EQ      32K
0236 C.          çç[HK1_X_TLM_BIT_RATE]     EQ      4M
0237 C.
0238 C. *****
0239 C. SOT TI command set
0240 C. *****
0241 C. Execute, after the success of OP upload.
0242 +. TI 2021-07-27 11:16:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C. -----
0246 C. HK1_TI_CMD_NUM          = 1 CNTUP [ ]
0247 C. -----
0248 C. ***** SOT END *****
0249 C. Stop EIS observation and temporarily disable EIS mode changes
0250 C.
0251 C.
0252 C. ***** Start EIS operation (TI set) *****
0253 C. Execute, after the success of OP upload.
0254 C. Set EIS TI-commands
0255 +. TI 2021-07-27 11:16:30.0
0256 DC 07-FC EIS_MODE_MANU
0257 BC      (21 02)
0258 +. TI 2021-07-27 11:16:40.0
0259 DC 07-FC EIS_MODE_CHG_DIS
0260 BC      (22)
0261 C.          [ ] [HK1_TI_CMD_NUM]      EQ      2 COUNTUP
0262 C. ***** End EIS operation (TI set) *****
0263 C.
0264 C.
0265 C.
0266 C. ***** XRT START *****
0267 C. Execute, after the success of OP upload.
0268 +. TI 2021-07-27 11:16:00.0
0269 DC 07-F0 MDP_XRT_MODE_STBY
0270 BC      (c3)
0271 C.          [ ] [HK1_TI_CMD_NUM]      EQ      1COUNTUP
0272 C.
0273 C. ***** XRT END *****
0274 C.
0275 C. ***** MDP ´ûÄîαî»ö¼ŷ°èÄÐα¹αèDCBC•x²è *****
0276 C. (¼ª°îŷÖŷÄŷÉŷŷŷÉŷáŷçŷèè¼αα¼Ä»Ûα¹αè)
0277 S. DC-BC dcbc-402:DCBC
0278 (MDP_known_event)
0279 C.
0280 C.
0281 C. ***** ŷÐŷ¹•î Daily±çîñαè'Øα¹αèDCBC•x²è *****
0282 S. DC-BC dcbc-153:DCBC
0283 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0284 C.
0285 C.
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Û;ã
0287 C.
0288 C. ***** LOS *****
0289 C.

```



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0096 C.
0097 C.
0098 C.
0099 C. ***** XRT START *****
0100 C.
0101 +. DC 07-F0 MDP_XRT_CTRL_MANU
0102 BC (c1)
0103 + DC 07-F0 MDP_XRT_MODE_STBY
0104 BC (c3)
0105 . C. ----- Success Verify ? OK / NG____
0106 C.
0107 C. XRT Obs. Table Upload
0108 . S. RAM ram-291:MDP_OBS_X
0109 ( )
0110 C.
0111 +. DC 07-F0 MDP_DUMP_XRTTBL
0112 BC (84 07 00 00 00 3a d4)
0113 . C. ----- Comparison Check ? OK / ERR ____
0114 C.
0115 C.
0116 +. DC 07-F0 MDP_XRT_ROI_SET
0117 BC (cd 01 b1 b1 04 04)
0118 + DC 07-F0 MDP_XRT_ROI_SET
0119 BC (cd 02 b1 b1 08 08)
0120 + DC 07-F0 MDP_XRT_ROI_SET
0121 BC (cd 03 b1 b1 08 08)
0122 + DC 07-F0 MDP_XRT_ROI_SET
0123 BC (cd 04 b1 b1 06 06)
0124 + DC 07-F0 MDP_XRT_ROI_SET
0125 BC (cd 05 85 83 06 06)
0126 + DC 07-F0 MDP_XRT_ROI_SET
0127 BC (cd 06 80 80 20 20)
0128 + DC 07-F0 MDP_XRT_ROI_SET
0129 BC (cd 07 80 80 20 08)
0130 + DC 07-F0 MDP_XRT_ROI_SET
0131 BC (cd 08 80 80 08 20)
0132 + DC 07-F0 MDP_XRT_ROI_SET
0133 BC (cd 09 c0 c0 10 10)
0134 + DC 07-F0 MDP_XRT_ROI_SET
0135 BC (cd 0a 40 c0 10 10)
0136 + DC 07-F0 MDP_XRT_ROI_SET
0137 BC (cd 0b 40 40 10 10)
0138 + DC 07-F0 MDP_XRT_ROI_SET
0139 BC (cd 0c c0 40 10 10)
0140 + DC 07-F0 MDP_XRT_ROI_SET
0141 BC (cd 0d 80 60 20 18)
0142 + DC 07-F0 MDP_XRT_ROI_SET
0143 BC (cd 0e a0 80 18 20)
0144 + DC 07-F0 MDP_XRT_ROI_SET
0145 BC (cd 0f 80 80 06 06)
0146 + DC 07-F0 MDP_XRT_ROI_SET
0147 BC (cd 10 80 80 08 08)
0148 + DC 07-F0 MDP_XRT_FLD_ENA
0149 BC (d8)
0150 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0151 BC (c8)
0152 + DC 07-F0 MDP_XRT_ARS_DIS
0153 BC (d5)
0154 + DC 07-F0 MDP_XRT_AEC_RESET
0155 BC (d0)
0156 + DC 07-F0 MDP_XRT_FLD_RESET
0157 BC (da)
0158 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0159 BC (c4 10)
0160 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0161 BC (c5 04)
0162 . C. ----- Success Verify ? OK / NG ____
0163 C.
0164 C.
0165 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0166 C.
0167 +. DC 07-F0 MDP_XRT_MODE_OBSV
0168 BC (c2)
0169 +. TI 2021-07-27 11:16:02.0
0170 DC 07-F0 MDP_XRT_MODE_OBSV
0171 BC (c2)
0172 . C. ----- Success Verify ? OK / NG ____
0173 C.
0174 C. ***** XRT END *****
0175 . C. *****
0176 C. SOT table upload
0177 C. *****
0178 . C. < Stop SP table >
0179 +. DC 07-F0 MDP_SP_CTRL_MANU
0180 BC (61)
0181 C. -----
0182 C. MDP_SP_CTRL_MODE = MANU [ ]
0183 C. -----
0184 C.
0185 . C. <Upload SP Observation Table>
0186 . S. RAM ram-287:MDP_OBS_S
0187 ( )
0188 C.
0189 . C. < Dump RAMID=MDP_OBS_S >
0190 +. DC 07-F0 MDP_DUMP_SPTBL
0191 BC (83 07 00 00 00 38 b8)
0192 C. -----
0193 C. MDP_OBS_S verify = OK/NG [ ]

```

```
0194 C. -----
0195 C.
0196 C. *****
0197 C. SOT TI command set
0198 C. *****
0199 C. Execute, after the success of TBL upload.
0200 +. TI 2021-07-27 11:16:18.0
0201 DC 07-F0 MDP_SOT_MODE_OBSV
0202 BC (40)
0203 . C. -----
0204 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0205 C. -----
0206 C.
0207 C.
0208 . C. ***** MDP 'úÃîâî»ô¼ÝðÊÂð¹æDCBC•x²è *****
0209 C. (¼â°îÝÓÝÄÝÊÝÞÝËÝáÝçÝèæ¼¼¼¼¼»Û¹æ)
0210 . S. DC-BC dcbc-402:DCBC
0211 (MDP_known_event)
0212 C.
0213 C.
0214 . C. ***** ÝÐÝ¹•Ï Daily±¿ÎÑæ'Ø¹æDCBC•x²è *****
0215 . S. DC-BC dcbc-153:DCBC
0216 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0217 C.
0218 C.
0219 . C. ;ãLOSÝÁÝ$ÝÃÝ⁻¼Â»Û;ä
0220 C.
0221 . C. ***** LOS *****
0222 C.
```

(a) Spacecraft Operation Procedure (real-commands)

```
main-613 2021-07-27 14:19:26 29 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY^-¼Á»Û;ã
0005 C.
0006 C. YÀYB;¼Y³YBYÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿µ°Æ»Í×ÁÇóÍYçYÁY×Yí;¼YÉ;ÈÈèµ•ííÉ;ÈÈÈ¼°ÇÔα•α¿¼i¹çαÍ;çÀ®, ùα¹αèαBαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 . C. ***** MDP `úÁíσí»ò¼YαÈÁÐα¹αèDCBC•x²è *****
0016 C. (¼á°íYÓYÁYÈYB¥ÈYáYçYèαÈ¼αα¼Á»Ûα¹αè)
0017 . S. DC-BC dcbc-402:DCBC
0018 (MDP_known_event)
0019 C.
0020 C.
0021 . C. ***** YD¥¹•İ Daily+¿ÍÑαÈ´Øα¹αèDCBC•x²è *****
0022 . S. DC-BC dcbc-153:DCBC
0023 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0024 C.
0025 C.
0026 . C. ;ãLOSÁY$YÁY^-¼Á»Û;ã
0027 C.
0028 . C. ***** LOS *****
0029 C.
```

*** OP Sequence for XRT ***

2021/07/27	11:27:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 04	e5 01	b2		
2021/07/27	13:00:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 ad	59 00	00		
2021/07/27	15:00:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 56	35 00	00		
2021/07/27	17:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 04	e5 01	b2		
2021/07/28	00:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 04	e5 01	b2		
2021/07/28	03:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 04	e5 01	b2		
2021/07/28	05:30:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00	00 00	00		
2021/07/28	06:00:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 04	e5 01	b2		
2021/07/28	06:00:00.5	XRT_TCIB_XRT_S_HTR_A_DIS_426_OG [0x1aa]							
		TCIB_XRT_S_HTR_A_DIS	0	04-C0					
2021/07/28	11:54:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	11:54:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	11:54:58.0	XRT_FOCUS_POSITION_437_OG [0x1b5]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00			
2021/07/28	11:55:00.0	AOCS_ORe-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 2e	f9 2e	f9		
2021/07/28	11:57:52.0	XRT_ARS_DIS_444_OG [0x1bc]							
		MDP_XRT_ARS_DIS	1	07-F0			d5		
2021/07/28	11:57:54.0	XRT_FLRCTRL_DIS_436_OG [0x1b4]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0			c9		
2021/07/28	11:57:56.0	XRT_FLD_DIS_440_OG [0x1b8]							
		MDP_XRT_FLD_DIS	1	07-F0			d9		
2021/07/28	11:57:58.0	XRT_QT_PROG_SET_417_OG [0x1a1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		14		
2021/07/28	11:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0			c0		
2021/07/28	12:04:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	12:04:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	12:04:58.0	XRT_FOCUS_POSITION_437_OG [0x1b5]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00			
2021/07/28	12:05:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	00 2e	f9 d1	07		
2021/07/28	12:07:52.0	XRT_ARS_DIS_444_OG [0x1bc]							
		MDP_XRT_ARS_DIS	1	07-F0			d5		
2021/07/28	12:07:54.0	XRT_FLRCTRL_DIS_436_OG [0x1b4]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0			c9		
2021/07/28	12:07:56.0	XRT_FLD_DIS_440_OG [0x1b8]							
		MDP_XRT_FLD_DIS	1	07-F0			d9		
2021/07/28	12:07:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		0f		
2021/07/28	12:08:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0			c0		
2021/07/28	12:14:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	12:14:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	12:14:58.0	XRT_FOCUS_POSITION_437_OG [0x1b5]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00			
2021/07/28	12:15:00.0	AOCS_ORe-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	00 d1	07 d1	07		
2021/07/28	12:17:52.0	XRT_ARS_DIS_444_OG [0x1bc]							
		MDP_XRT_ARS_DIS	1	07-F0			d5		
2021/07/28	12:17:54.0	XRT_FLRCTRL_DIS_436_OG [0x1b4]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0			c9		
2021/07/28	12:17:56.0	XRT_FLD_DIS_440_OG [0x1b8]							
		MDP_XRT_FLD_DIS	1	07-F0			d9		
2021/07/28	12:17:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		03		
2021/07/28	12:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0			c0		
2021/07/28	12:24:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	12:24:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0			c1		
2021/07/28	12:24:58.0	XRT_FOCUS_POSITION_437_OG [0x1b5]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff	aa 00			
2021/07/28	12:25:00.0	AOCS_ORe-point_Start_9_OG [0x09f]							
		AOCU_NM	5	02-76	00 c8	21 2e	f9		
2021/07/28	12:27:52.0	XRT_ARS_DIS_444_OG [0x1bc]							
		MDP_XRT_ARS_DIS	1	07-F0			d5		
2021/07/28	12:27:54.0	XRT_FLRCTRL_DIS_436_OG [0x1b4]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0			c9		
2021/07/28	12:27:56.0	XRT_FLD_DIS_440_OG [0x1b8]							
		MDP_XRT_FLD_DIS	1	07-F0			d9		
2021/07/28	12:27:58.0	XRT_QT_PROG_SET_403_OG [0x193]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4		05		
2021/07/28	12:28:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0			c0		
2021/07/28	12:34:54.0	XRT_CTRL_MANU_402_OG [0x192]							

2021/07/28	12:34:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	12:34:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	12:35:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/07/28	12:35:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00		
2021/07/28	12:35:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/07/28	12:35:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/07/28	12:37:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/07/28	12:38:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2021/07/28	12:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/28	12:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	12:44:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	12:45:00.0	AOCS_Ore-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/07/28	12:45:18.0	XRT_FLD_DIS_428_OG [0x1ac]	AOCU_NM	5	02-76	00 ad 59 00 00		
2021/07/28	12:59:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/07/28	12:59:56.0	XRT_ARS_DIS_444_OG [0x1bc]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/07/28	12:59:58.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/07/28	13:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2021/07/28	14:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/28	14:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	14:44:58.0	XRT_FOCUS_POSITION_443_OG [0x1bb]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	14:45:00.0	AOCS_Ore-point_Start_10_OG [0x0a0]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/07/28	14:45:18.0	XRT_FLD_DIS_428_OG [0x1ac]	AOCU_NM	5	02-76	00 00 00 56 35		
2021/07/28	14:59:54.0	XRT_ARS_DIS_444_OG [0x1bc]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/07/28	14:59:56.0	XRT_FLRCTRL_DIS_436_OG [0x1b4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/07/28	14:59:58.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/07/28	15:00:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0a		
2021/07/28	16:44:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/28	16:44:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	16:44:58.0	XRT_ROI_A_429_OG [0x1ad]	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 80 80 20 20		
			MDP_XRT_ROI_SET	6	07-F0	cd 07 80 80 20 08		
			MDP_XRT_ROI_SET	6	07-F0	cd 08 80 80 08 20		
			MDP_XRT_ROI_SET	6	07-F0	cd 09 85 83 06 06		
			MDP_XRT_ROI_SET	6	07-F0	cd 0a 85 83 08 08		
			MDP_XRT_ROI_SET	6	07-F0	cd 0b 80 80 08 08		
			MDP_XRT_ROI_SET	6	07-F0	cd 0c 85 83 04 04		
2021/07/28	16:44:58.5	XRT_ROI_B_401_OG [0x191]	MDP_XRT_ROI_SET	6	07-F0	cd 0c 85 83 04 04		
			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		
2021/07/28	16:45:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03 04 e5 01 b2		
2021/07/28	16:45:03.5	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/07/28	16:45:23.5	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/07/28	16:45:25.5	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/07/28	16:45:27.5	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/07/28	16:45:29.5	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/07/28	16:45:31.5	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/07/28	16:48:01.5	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/07/28	16:48:03.5	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/07/28	16:48:06.5	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/28	17:42:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/28	17:42:32.0	XRT_FLD_RESET_415_OG [0x19f]						

2021/07/28	17:42:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/28	17:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/28	18:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/28	18:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	18:19:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	18:20:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/07/28	18:20:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00
2021/07/28	18:20:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2021/07/28	18:20:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2021/07/28	18:22:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/28	18:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2021/07/28	18:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/28	18:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	18:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	18:30:00.0	AOCS_Ore-point_Start_4_OG [0x09a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/07/28	18:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	03 04 e5 01 b2
2021/07/28	18:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2021/07/28	18:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/07/28	18:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0
2021/07/28	18:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/28	18:32:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/28	18:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2021/07/28	18:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/07/28	19:21:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/28	19:21:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	19:21:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/28	19:24:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/28	19:56:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/28	19:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2021/07/28	20:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/28	20:59:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	20:59:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/28	21:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/28	21:34:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/28	21:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2021/07/28	22:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/28	22:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	22:37:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/28	22:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/28	23:10:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/28	23:11:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	XRT_Custom_430_OG [0x1ae]	1	07-F0	c0
2021/07/28	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/28	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/28	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/29	00:00:00.0	AOCS_Ore-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/07/29	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	01 04 e5 01 b2
2021/07/29	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8
2021/07/29	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

2021/07/29	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/29	00:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	00:02:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2021/07/29	00:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/07/29	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	00:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	00:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	00:16:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	00:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	00:43:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	00:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	01:53:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	01:53:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	01:53:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	01:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	02:21:30.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	02:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	02:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	02:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2021/07/29	03:00:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00	00 00
2021/07/29	03:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/07/29	03:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/07/29	03:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/29	03:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/29	03:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	03:02:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	08
2021/07/29	03:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/07/29	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	03:24:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	03:24:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	03:24:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	03:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	03:59:30.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	04:00:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	04:52:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	04:52:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	04:52:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	04:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	05:38:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	05:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	06:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	06:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	06:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00
2021/07/29	06:04:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/07/29	06:04:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/07/29	06:04:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/29	06:06:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10

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2021/07/29	06:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/07/29	06:13:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	06:13:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	06:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/07/29	06:14:00.0	AOCS_Orе-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 04 e5 01 b2				
2021/07/29	06:14:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/07/29	06:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/07/29	06:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/07/29	06:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/07/29	06:14:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/07/29	06:16:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2021/07/29	06:16:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/07/29	06:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/07/29	06:32:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	06:32:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/07/29	06:32:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/07/29	06:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/07/29	07:16:30.0	XRT_Custom_430_OG [0x1ae]							
2021/07/29	07:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/07/29	07:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	07:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	07:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/07/29	07:30:00.0	AOCS_Orе-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	01 04 e5 01 b2				
2021/07/29	07:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/07/29	07:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/07/29	07:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/07/29	07:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/07/29	07:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/07/29	07:32:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2021/07/29	07:32:58.0	XRT_FL_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01				
2021/07/29	07:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/07/29	08:13:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	08:13:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/07/29	08:13:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/07/29	08:16:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/07/29	08:55:00.0	XRT_Custom_430_OG [0x1ae]							
2021/07/29	08:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/07/29	09:52:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	09:52:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/07/29	09:52:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/07/29	09:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/07/29	10:33:00.0	XRT_Custom_430_OG [0x1ae]							
2021/07/29	10:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/07/29	11:35:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/07/29	11:35:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/07/29	11:35:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/07/29	11:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/07/29	11:39:30.0	XRT_Custom_430_OG [0x1ae]							
2021/07/29	11:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							

2021/07/29	11:45:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	11:45:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	da	
2021/07/29	11:45:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	11:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	12:11:30.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	12:12:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	12:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2021/07/29	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/07/29	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/07/29	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/29	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/29	13:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	13:02:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13	
2021/07/29	13:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2021/07/29	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	13:23:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	13:23:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	13:23:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	13:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	13:50:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	13:51:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	15:01:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	15:01:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	15:01:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	15:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	15:30:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	15:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	16:40:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	16:40:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/29	16:40:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/29	16:43:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/29	17:18:30.0	XRT_Custom_430_OG [0x1ae]					
2021/07/29	17:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2021/07/29	18:00:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00 00	
2021/07/29	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/07/29	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/07/29	18:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/29	18:02:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2021/07/29	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/29	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/29	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2021/07/29	18:10:00.0	AOCS_OrE-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	02 04 e5 01 b2	

2021/07/29	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2021/07/29	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/07/29	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2021/07/29	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/29	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/29	18:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2021/07/29	18:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/07/29	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/29	18:18:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/29	18:18:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/29	18:18:34.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/29	18:21:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/29	18:55:00.0	XRT_Custom_430_OG [0x1ae]			
2021/07/29	18:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/29	19:57:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/29	19:57:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/29	19:57:04.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/29	20:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/29	20:32:00.0	XRT_Custom_430_OG [0x1ae]			
2021/07/29	20:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/29	21:35:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/29	21:35:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/29	21:35:04.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/29	21:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/29	22:09:00.0	XRT_Custom_430_OG [0x1ae]			
2021/07/29	22:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/29	23:13:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/29	23:13:32.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/29	23:13:34.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/29	23:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/29	23:44:30.0	XRT_Custom_430_OG [0x1ae]			
2021/07/29	23:45:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/29	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/29	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/29	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]			
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/07/30	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2021/07/30	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/07/30	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2021/07/30	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/30	00:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/30	00:02:56.0	XRT_QT_PROG_SET_446_OG [0x1be]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2021/07/30	00:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/07/30	00:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/30	00:52:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	00:52:02.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/30	00:52:04.0	XRT_PREFLR_STRT_431_OG [0x1af]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/30	00:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/30	01:18:30.0	XRT_Custom_430_OG [0x1ae]			
2021/07/30	01:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2021/07/30	02:24:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	02:24:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/07/30	02:24:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/07/30	02:27:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/07/30	02:57:00.0	XRT_Custom_430_OG [0x1ae]						
2021/07/30	02:58:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/30	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	02:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	02:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/07/30	03:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00 00		
2021/07/30	03:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/07/30	03:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/07/30	03:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/07/30	03:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/07/30	03:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/07/30	03:02:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2021/07/30	03:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/07/30	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/30	03:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	03:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/07/30	03:59:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/07/30	04:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/07/30	04:35:30.0	XRT_Custom_430_OG [0x1ae]						
2021/07/30	04:36:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/30	05:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	05:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/07/30	05:29:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/07/30	05:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/07/30	06:13:30.0	XRT_Custom_430_OG [0x1ae]						
2021/07/30	06:14:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/30	06:16:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	06:16:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	06:16:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/07/30	06:17:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/07/30	06:17:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/07/30	06:17:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/07/30	06:19:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2021/07/30	06:20:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/07/30	06:26:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	06:26:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/07/30	06:26:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/07/30	06:27:00.0	AOCS_ORe-point_Start_1_OG [0x097]	AOCU_NM	5	02-76	01 04 e5 01 b2		
2021/07/30	06:27:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/07/30	06:27:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/07/30	06:27:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/07/30	06:27:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/07/30	06:27:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/07/30	06:29:56.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b		

2021/07/30	06:29:58.0	XRT_FL_PROG_SET_438_OG [0x1b6]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2021/07/30	06:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	07:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	07:09:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	07:09:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	07:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	07:52:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	07:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	08:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	08:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	08:49:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	08:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	09:30:30.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	09:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	10:29:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	10:29:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	10:29:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	10:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	11:09:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	11:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	12:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	12:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	12:20:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	12:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	12:47:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	12:48:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	12:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2021/07/30	13:00:00.0	AOCS_ORe-point_Start_12_OG [0x0a2]	AOCU_NM	5	02-76	00 0d 3f 02 35	
2021/07/30	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/07/30	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/07/30	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/30	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/30	13:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	13:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07	
2021/07/30	13:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2021/07/30	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	13:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	13:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	13:59:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	14:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	14:25:30.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	14:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	15:37:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	15:37:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	15:37:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	15:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	16:07:00.5	XRT_Custom_430_OG [0x1ae]					
2021/07/30	16:08:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					

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2021/07/30	16:29:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	16:29:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	16:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/07/30	16:30:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03 04 e5 01 b2
2021/07/30	16:30:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2021/07/30	16:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/07/30	16:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2021/07/30	16:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/30	16:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/30	16:32:56.0	XRT_QT_PROG_SET_435_OG [0x1b3]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 12
2021/07/30	16:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/07/30	16:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/30	17:16:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	17:16:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/30	17:16:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/30	17:19:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/30	17:54:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	17:54:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	17:54:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/07/30	17:54:30.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00 00
2021/07/30	17:54:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2021/07/30	17:54:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2021/07/30	17:54:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/30	17:57:28.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2021/07/30	17:57:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/30	18:04:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	18:04:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	18:04:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/07/30	18:04:30.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03 04 e5 01 b2
2021/07/30	18:04:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2021/07/30	18:04:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2021/07/30	18:04:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2021/07/30	18:04:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/30	18:04:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/30	18:07:26.0	XRT_QT_PROG_SET_414_OG [0x19e]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2021/07/30	18:07:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/07/30	18:07:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/30	18:54:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	18:54:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/30	18:54:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/30	18:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/30	19:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	19:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/30	19:19:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/07/30	19:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2021/07/30	19:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8

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2021/07/30	19:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/30	19:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/30	19:20:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	19:22:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	11
2021/07/30	19:22:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/07/30	19:30:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	19:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	20:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	20:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	20:32:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	20:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	21:07:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	21:08:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	21:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	21:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	21:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2021/07/30	21:40:00.0	AOCS_ORe-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	02 04 e5	01 b2
2021/07/30	21:40:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/07/30	21:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/07/30	21:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/30	21:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/30	21:40:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	21:42:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
2021/07/30	21:42:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/07/30	21:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	22:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	22:11:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	22:11:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	22:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	22:44:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/30	22:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/30	23:49:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	23:49:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/30	23:49:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/30	23:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/30	23:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	23:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/30	23:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe	97 00
2021/07/31	00:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/07/31	00:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/07/31	00:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/31	00:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/31	00:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/31	00:02:56.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0e
2021/07/31	00:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/07/31	00:17:00.0	XRT_Custom_430_OG [0x1ae]					
2021/07/31	00:18:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/31	01:28:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	01:28:02.0	XRT_FLD_RESET_415_OG [0x19f]					

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2021/07/31	01:28:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/31	01:31:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/31	01:54:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/31	01:55:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/31	02:58:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	02:58:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/31	02:58:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/31	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	02:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	02:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2021/07/31	03:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00 00	
2021/07/31	03:00:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/07/31	03:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/07/31	03:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/31	03:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/31	03:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/31	03:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/31	03:02:56.0	XRT_QT_PROG_SET_439_OG [0x1b7]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 08	
2021/07/31	03:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2021/07/31	03:32:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/31	03:33:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/31	04:29:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	04:29:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/31	04:29:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/07/31	04:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/07/31	05:11:00.0	XRT_Custom_430_OG [0x1ae]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2021/07/31	05:12:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/07/31	05:38:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	05:38:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	05:38:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2021/07/31	05:38:48.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/07/31	05:38:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/07/31	05:38:52.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/31	05:41:28.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10	
2021/07/31	05:41:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/31	05:48:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	05:48:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/07/31	05:48:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2021/07/31	05:48:30.0	AOCS_Ore-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03 04 e5 01 b2	
2021/07/31	05:48:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/07/31	05:48:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/07/31	05:48:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/07/31	05:48:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/07/31	05:48:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/07/31	05:51:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b	
2021/07/31	05:51:28.0	XRT_FL_PROG_SET_438_OG [0x1b6]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 01	
2021/07/31	05:51:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/07/31	06:05:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2021/07/31	06:05:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	06:05:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	06:08:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	06:49:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	06:50:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	07:45:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	07:45:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	07:45:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	07:48:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	08:27:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	08:28:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	09:25:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	09:25:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	09:25:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	09:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	10:06:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	10:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	11:06:30.5	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	11:06:32.5	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	11:06:34.5	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	11:09:44.5	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	11:44:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	11:45:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	12:56:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	12:56:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	12:56:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	12:59:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	13:23:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	13:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	14:35:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	14:35:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	14:35:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	14:38:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	15:01:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	15:02:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	16:13:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	16:13:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	16:13:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	16:16:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	16:52:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	16:53:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	17:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	17:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	17:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/07/31	17:40:00.0	AOCS_OrE-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00 00
2021/07/31	17:40:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9
2021/07/31	17:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2021/07/31	17:40:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/31	17:42:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2021/07/31	17:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]				

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2021/07/31	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
			MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	17:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	17:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/07/31	17:50:00.0	AOCS_OrE-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03 04 e5 01 b2
2021/07/31	17:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2021/07/31	17:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/07/31	17:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2021/07/31	17:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2021/07/31	17:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	17:52:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	17:52:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	17:52:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	17:52:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2021/07/31	17:52:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/07/31	17:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	18:28:30.0	XRT_Custom_430_OG [0x1ae]				
2021/07/31	18:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	19:30:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	19:30:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	19:30:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	19:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	20:05:30.0	XRT_Custom_430_OG [0x1ae]				
2021/07/31	20:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	21:08:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	21:08:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	21:08:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	21:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	21:42:30.0	XRT_Custom_430_OG [0x1ae]				
2021/07/31	21:43:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/07/31	22:47:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/07/31	22:47:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/07/31	22:47:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/07/31	22:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/07/31	23:18:30.0	XRT_Custom_430_OG [0x1ae]				
2021/07/31	23:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	00:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	00:25:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/01	00:25:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/01	00:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/01	00:51:30.0	XRT_Custom_430_OG [0x1ae]				
2021/08/01	00:52:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	02:00:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	02:00:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/01	02:00:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/01	02:03:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/01	02:30:00.0	XRT_Custom_430_OG [0x1ae]				
2021/08/01	02:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	02:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	02:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1

2021/08/01	02:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/08/01	03:00:00.0	AOCs_OrE-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 00 00 00 00
2021/08/01	03:00:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/08/01	03:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/08/01	03:00:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/08/01	03:00:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/08/01	03:00:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/01	03:02:56.0	XRT_QT_PROG_SET_439_OG [0x1b7] MDP_XRT_QT_PROG_SET	2	07-F0	c4 08
2021/08/01	03:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/08/01	03:03:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	03:32:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	03:32:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/01	03:32:34.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/01	03:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/01	04:08:00.0	XRT_Custom_430_OG [0x1ae]			
2021/08/01	04:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	05:01:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	05:01:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/01	05:01:34.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/01	05:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/01	05:46:30.0	XRT_Custom_430_OG [0x1ae]			
2021/08/01	05:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	05:58:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	05:58:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	05:58:28.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/08/01	05:58:48.0	XRT_FLD_DIS_409_OG [0x199] MDP_XRT_FLD_DIS	1	07-F0	d9
2021/08/01	05:58:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d] MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2021/08/01	05:58:52.0	XRT_ARS_DIS_420_OG [0x1a4] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/08/01	06:01:28.0	XRT_QT_PROG_SET_441_OG [0x1b9] MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2021/08/01	06:01:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	06:08:24.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	06:08:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	06:08:28.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2021/08/01	06:08:30.0	AOCs_OrE-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	03 04 e5 01 b2
2021/08/01	06:08:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/08/01	06:08:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/08/01	06:08:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/08/01	06:08:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/08/01	06:08:56.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/01	06:11:26.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 13
2021/08/01	06:11:28.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/08/01	06:11:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/08/01	06:41:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/08/01	06:41:32.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2021/08/01	06:41:34.0	XRT_PREFLR_STRT_431_OG [0x1af] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2021/08/01	06:44:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2021/08/01	07:25:00.0	XRT_Custom_430_OG [0x1ae]			
2021/08/01	07:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0

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2021/08/01	08:22:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	08:22:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	08:22:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	08:25:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	09:03:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	09:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	10:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	10:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	10:01:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	10:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	10:41:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	10:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	11:44:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	11:44:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	11:44:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	11:46:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	11:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	11:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	11:54:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	11:54:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	11:54:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	11:57:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	12:20:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	12:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	13:32:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	13:32:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	13:32:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	13:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	13:58:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	13:59:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	15:11:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	15:11:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	15:11:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	15:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	15:39:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	15:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	16:49:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	16:49:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	16:49:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	16:52:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	17:27:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	17:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	17:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	17:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/08/01	18:00:00.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2021/08/01	18:00:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/08/01	18:00:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/08/01	18:00:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/01	18:02:58.0	XRT_QT_PROG_SET_422_OG [0x1a6]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				

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2021/08/01	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	18:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/08/01	18:10:00.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 04 e5 01 b2				
2021/08/01	18:10:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/01	18:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/01	18:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/01	18:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/01	18:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	18:12:56.0	XRT_QT_PROG_SET_404_OG [0x194]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2021/08/01	18:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/08/01	18:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	18:27:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	18:27:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	18:27:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	18:30:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	19:03:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	19:04:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	20:06:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	20:06:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	20:06:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	20:09:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	20:40:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	20:41:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	21:44:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	21:44:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	21:44:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	21:47:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	22:17:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	22:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/01	23:23:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/01	23:23:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/01	23:23:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/01	23:26:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/01	23:52:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/01	23:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	00:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	00:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	00:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/08/02	01:00:00.0	AOCS_Ore-point_Start_13_OG [0x0a3]							
		AOCU_NM	5	02-76	00 e1 cb b7 1b				
2021/08/02	01:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/02	01:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/02	01:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/02	01:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/02	01:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	01:01:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	01:01:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	01:01:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							

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2021/08/02	01:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2021/08/02	01:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/08/02	01:04:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/02	01:27:00.0	XRT_Custom_430_OG [0x1ae]								
2021/08/02	01:28:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	02:32:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	02:32:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	02:32:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/02	02:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/02	03:05:30.0	XRT_Custom_430_OG [0x1ae]								
2021/08/02	03:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	03:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	03:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	03:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/08/02	03:10:00.0	AOCS_ORe-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00	00	00	00	00
2021/08/02	03:10:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/08/02	03:10:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/08/02	03:10:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/02	03:12:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10			
2021/08/02	03:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	03:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	03:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	03:19:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2021/08/02	03:20:00.0	AOCS_ORe-point_Start_14_OG [0x0a4]	AOCU_NM	5	02-76	04	04	e5	01	b2
2021/08/02	03:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/02	03:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/02	03:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/02	03:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/02	03:20:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	03:22:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09			
2021/08/02	03:22:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/08/02	03:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	04:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	04:07:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	04:07:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/02	04:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/02	04:44:00.0	XRT_Custom_430_OG [0x1ae]								
2021/08/02	04:45:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	05:19:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	05:19:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	05:19:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2021/08/02	05:20:00.0	AOCS_ORe-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03	04	e5	01	b2
2021/08/02	05:20:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/02	05:20:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/02	05:20:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/02	05:20:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/02	05:20:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	05:22:56.0	XRT_QT_PROG_SET_404_OG [0x194]								

2021/08/02	05:22:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	13
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	04
2021/08/02	05:23:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/02	05:37:30.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	05:37:32.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/02	05:37:34.0	XRT_PREFLR_STRT_431_OG [0x1af]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/02	05:40:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/02	06:22:30.0	XRT_Custom_430_OG [0x1ae]					
2021/08/02	06:23:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/02	06:24:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	06:24:26.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	06:24:28.0	XRT_FOCUS_POSITION_406_OG [0x196]					
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa	00
2021/08/02	06:24:30.0	AOCS_Or-e-point_Start_5_OG [0x09b]					
			AOCU_NM	5	02-76	00 00 00 00	00
2021/08/02	06:24:48.0	XRT_FLD_DIS_409_OG [0x199]					
			MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/08/02	06:24:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/08/02	06:24:52.0	XRT_ARS_DIS_420_OG [0x1a4]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/02	06:27:28.0	XRT_QT_PROG_SET_441_OG [0x1b9]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	10
2021/08/02	06:27:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/02	06:34:24.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	06:34:26.0	XRT_CTRL_MANU_402_OG [0x192]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	06:34:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97	00
2021/08/02	06:34:30.0	AOCS_Or-e-point_Start_4_OG [0x09a]					
			AOCU_NM	5	02-76	03 04 e5 01	b2
2021/08/02	06:34:48.0	XRT_FLD_ENA_411_OG [0x19b]					
			MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/08/02	06:34:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/08/02	06:34:52.0	XRT_AEC_RESET_448_OG [0x1c0]					
			MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/08/02	06:34:54.0	XRT_ARS_DIS_423_OG [0x1a7]					
			MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/08/02	06:34:56.0	XRT_FLD_RESET_434_OG [0x1b2]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/02	06:37:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]					
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b
2021/08/02	06:37:28.0	XRT_FL_PROG_SET_438_OG [0x1b6]					
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	01
2021/08/02	06:37:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/02	07:18:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	07:18:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/02	07:18:04.0	XRT_PREFLR_STRT_431_OG [0x1af]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/02	07:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/02	08:00:30.0	XRT_Custom_430_OG [0x1ae]					
2021/08/02	08:01:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/02	08:58:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	08:58:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/02	08:58:04.0	XRT_PREFLR_STRT_431_OG [0x1af]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/02	09:01:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/02	09:39:00.0	XRT_Custom_430_OG [0x1ae]					
2021/08/02	09:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/02	10:38:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/08/02	10:38:02.0	XRT_FLD_RESET_415_OG [0x19f]					
			MDP_XRT_FLD_RESET	1	07-F0	da	
2021/08/02	10:38:04.0	XRT_PREFLR_STRT_431_OG [0x1af]					
			MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/08/02	10:41:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
			MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/08/02	11:17:30.0	XRT_Custom_430_OG [0x1ae]					
2021/08/02	11:18:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
			MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/08/02	12:30:00.0	XRT_CTRL_MANU_400_OG [0x190]					
			MDP_XRT_CTRL_MANU	1	07-F0	c1	

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2021/08/02	12:30:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	12:30:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/02	12:33:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/02	12:56:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/02	12:57:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	12:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	12:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	12:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/08/02	13:00:00.0	AOCS_Ore-point_Start_15_OG [0x0a5]							
		AOCU_NM	5	02-76	00 db a6 02 35				
2021/08/02	13:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/02	13:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/02	13:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/02	13:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/02	13:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	13:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2021/08/02	13:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/08/02	13:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	14:08:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	14:08:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	14:08:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/02	14:11:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/02	14:34:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/02	14:35:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	15:47:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	15:47:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	15:47:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/02	15:50:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/02	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	15:59:58.0	XRT_FOCUS_RECALIBRATE_427_OG [0x1ab]							
		XRT_FOCUS_RECAL	2	07-F8	78 00				
2021/08/02	16:00:00.0	AOCS_ORe-point_Start_16_OG [0x0a6]							
		AOCU_NM	5	02-76	00 41 0e 02 35				
2021/08/02	16:03:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/08/02	16:04:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/02	16:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/02	16:04:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/02	16:04:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/02	16:04:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	16:06:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2021/08/02	16:06:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/08/02	16:16:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/02	16:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	16:23:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	16:23:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/02	16:23:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/02	16:25:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/02	16:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/02	16:26:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/02	17:25:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/02	17:25:02.0	XRT_FLD_RESET_415_OG [0x19f]							

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2021/08/02	17:25:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_FLD_RESET	1	07-F0	da		
			MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/02	17:28:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/02	18:02:00.0	XRT_Custom_430_OG [0x1ae]						
2021/08/02	18:03:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/02	19:03:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	19:03:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/02	19:03:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/02	19:06:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/02	19:39:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	19:39:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	19:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/08/02	19:40:00.0	AOCS_Or-point_Start_5_OG [0x09b]	AOCU_NM	5	02-76	00 00 00 00 00		
2021/08/02	19:40:18.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/08/02	19:40:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/08/02	19:40:22.0	XRT_ARS_DIS_420_OG [0x1a4]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/02	19:42:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 10		
2021/08/02	19:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/02	19:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	19:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	19:49:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/08/02	19:50:00.0	AOCS_Or-point_Start_4_OG [0x09a]	AOCU_NM	5	02-76	03 04 e5 01 b2		
2021/08/02	19:50:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/08/02	19:50:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/08/02	19:50:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/08/02	19:50:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/08/02	19:50:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/02	19:52:56.0	XRT_QT_PROG_SET_404_OG [0x194]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/08/02	19:52:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/08/02	19:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/02	20:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	20:42:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/02	20:42:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/02	20:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/02	21:16:00.0	XRT_Custom_430_OG [0x1ae]						
2021/08/02	21:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/02	22:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	22:20:32.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/02	22:20:34.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/02	22:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/02	22:52:30.0	XRT_Custom_430_OG [0x1ae]						
2021/08/02	22:53:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/02	23:59:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/08/02	23:59:02.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/08/02	23:59:04.0	XRT_PREFLR_STRT_431_OG [0x1af]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/08/03	00:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/08/03	00:24:30.0	XRT_Custom_430_OG [0x1ae]						
2021/08/03	00:25:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/08/03	00:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		

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2021/08/03	00:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	00:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/08/03	01:00:00.0	AOCS_ORe-point_Start_17_OG [0x0a7]							
		AOCU_NM	5	02-76	00 e0 00 b8 e6				
2021/08/03	01:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/03	01:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/03	01:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/03	01:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/03	01:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	01:02:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2021/08/03	01:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/08/03	01:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	01:37:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	01:37:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	01:37:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/03	01:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/03	02:03:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/03	02:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	02:54:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	02:54:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	02:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/08/03	02:55:00.0	AOCS_ORe-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2021/08/03	02:55:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/08/03	02:55:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/08/03	02:55:22.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/03	02:57:58.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2021/08/03	02:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	03:04:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	03:04:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	03:04:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/08/03	03:05:00.0	AOCS_ORe-point_Start_18_OG [0x0a8]							
		AOCU_NM	5	02-76	00 2d 58 b9 cb				
2021/08/03	03:05:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/03	03:05:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/03	03:05:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/03	03:05:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/03	03:05:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	03:06:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	03:06:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	03:06:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/03	03:07:56.0	XRT_QT_PROG_SET_442_OG [0x1ba]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 09				
2021/08/03	03:07:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2021/08/03	03:09:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/03	03:41:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/03	03:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	04:35:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	04:35:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	04:35:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/03	04:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/03	05:19:30.0	XRT_Custom_430_OG [0x1ae]							

2021/08/03	05:20:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	05:47:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	05:47:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	05:47:28.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2021/08/03	05:47:30.0	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2021/08/03	05:47:48.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2021/08/03	05:47:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2021/08/03	05:47:52.0	XRT_ARS_DIS_420_OG [0x1a4]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/03	05:50:28.0	XRT_QT_PROG_SET_441_OG [0x1b9]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10				
2021/08/03	05:50:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	05:57:24.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	05:57:26.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	05:57:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2021/08/03	05:57:30.0	AOCS_Ore-point_Start_4_OG [0x09a]							
		AOCU_NM	5	02-76	03 04 e5 01 b2				
2021/08/03	05:57:48.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/08/03	05:57:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/08/03	05:57:52.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/08/03	05:57:54.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/08/03	05:57:56.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	06:00:26.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2021/08/03	06:00:28.0	XRT_FL_PROG_SET_438_OG [0x1b6]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 01				
2021/08/03	06:00:30.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	06:14:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	06:14:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	06:14:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/03	06:17:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/03	06:58:00.0	XRT_Custom_430_OG [0x1ae]							
2021/08/03	06:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	07:54:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	07:54:32.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	07:54:34.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/03	07:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/03	08:36:30.0	XRT_Custom_430_OG [0x1ae]							
2021/08/03	08:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/08/03	09:34:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	09:34:02.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2021/08/03	09:34:04.0	XRT_PREFLR_STRT_431_OG [0x1af]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/08/03	09:37:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/08/03	11:14:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/08/03	11:15:00.5	AOCS_Ore-point_Start_5_OG [0x09b]							
		AOCU_NM	5	02-76	00 00 00 00 00				