

# XRT Timeline to be uploaded on 2021/04/06

Period: 2021/04/06 11:17:00 - 2021/04/10 11:28:00

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Normal mode

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## 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
04/06 11:30:00 - 04/06 17:52:30	Track ( 735.5, 344.3) @ 04/06 11:27:00	# OP start + 10min : Track AR
04/06 18:29:30 - 04/06 18:39:54	Track ( 770.2, 338.5) @ 04/06 18:26:30	# Track AR
<b>PROG= 08 Inf.-time(s)</b>		
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 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/G-band Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1064, 1048)	DPCM 0 0 2.0sec
Open/Ti-poly Open/thick-Al close	Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048)	Q=98 0 0 2.0sec
Subr= 2 5-time(s) 2.0sec		
Seqn= 47 1-time(s) 2.0sec		
Al-poly/Open thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
Al-poly/Open thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 2 0 2.0sec
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 3 0 2.0sec
Seqn= 96 4-time(s) 120.0sec		
Al-poly/Open thin-Be/Open close	Safe Norm 250ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 2.0sec
thin-Be/Open med-Be/Open close	Safe Norm 500ms Obs 1x1 384x384 (1064, 1048)	Q=95 1 0 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 #1C53: Synoptic Q95 2x2 - Al/mesh(181/1024/5795) + Dark cal(2x2 4x4 8x8 512 Q98) + Dark cal(1x1 512x2048 - 1x1 2048x512) + Al-poly(256/2897/8192)

Term	Pointing (x, y)	Comment
04/06 18:19:30 - 04/06 18:26:24	Fixed ( 0.0, 0.0)	synoptic, shifted 16.5 min
04/07 06:03:30 - 04/07 06:10:24	Fixed ( 0.0, 0.0)	synoptic, shifted 0.5 min
04/07 18:03:00 - 04/07 18:09:54	Fixed ( 0.0, 0.0)	synoptic
04/08 06:06:00 - 04/08 06:12:54	Fixed ( 0.0, 0.0)	synoptic, shifted 3.0 min

<b>PROG= 05 1-time(s)</b>		
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= 88 1-time(s) 2.0sec		
Open/Al-mesh Open/Al-mesh close	Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Open/Al-mesh Open/Al-mesh close	Safe Norm 1.00s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Open/Al-mesh Open/Al-mesh close	Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Seqn= 44 1-time(s) 2.0sec		
Al-poly/Open Al-poly/Open close	Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Al-poly/Open Al-poly/Open close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Al-poly/Open Al-poly/Open close	Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
Seqn= 52 1-time(s) 2.0sec		
thin-Be/Open thin-Be/Open close	Safe Norm 2.83s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
thin-Be/Open thin-Be/Open close	Safe Norm 16.0s Obs 2x2 2048x2048 (1024, 1024)	Q=95 0 0 2.0sec
thin-Be/Open thin-Be/Open close	Safe Norm 32.0s 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 #1C92: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 600s cad (G-band/Leak first)

Term	Pointing (x, y)	Comment
04/06 18:43:00 - 04/06 18:55:54	Fixed ( 936.0, 0.0)	HOP130 (01/15)
04/06 18:59:00 - 04/06 19:11:54	Fixed ( 468.0, 0.0)	HOP130 (02/15)
04/06 19:25:00 - 04/06 19:58:54	Fixed ( 0.0, 0.0)	HOP130 (03/15)
04/06 20:02:00 - 04/06 20:14:54	Fixed ( -468.0, 0.0)	HOP130 (04/15)
04/06 20:18:00 - 04/06 20:30:54	Fixed ( -936.0, 0.0)	HOP130 (05/15)
04/06 20:34:00 - 04/06 20:40:54	Fixed ( 815.0, 470.0)	HOP130 (06/15)
04/06 20:44:00 - 04/06 21:36:24	Fixed ( 411.0, 847.0)	HOP130 (07/15)
04/06 21:39:30 - 04/06 21:52:24	Fixed ( 0.0, 941.0)	HOP130 (08/15)
04/06 21:55:30 - 04/06 22:08:24	Fixed ( -411.0, 847.0)	HOP130 (09/15)
04/06 22:11:30 - 04/06 22:18:24	Fixed ( -815.0, 470.0)	HOP130 (10/15)
04/06 22:21:30 - 04/06 22:28:24	Fixed ( 815.0, -470.0)	HOP130 (11/15)
04/06 22:31:30 - 04/06 23:12:24	Fixed ( 411.0, -847.0)	HOP130 (12/15)
04/06 23:15:30 - 04/06 23:28:24	Fixed ( 0.0, -941.0)	HOP130 (13/15)
04/06 23:31:30 - 04/06 23:44:24	Fixed ( -411.0, -847.0)	HOP130 (14/15)

PROG= 01 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	512x512 (1024, 1024)	Q=90	0	0	2.0sec
	Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1024, 1024)	Q=95	0	0	2.0sec
Subr= 2		5-time(s)		720.0sec									
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 #1C7D: Synoptic 7 Filter w/ Al-mesh(181/1024/5795), Al-poly(256/2897/8192), Thin-Be(1024/11571/23142) - Thick-Be(65536), Al-poly+Ti-poly(512/8192),**

Term	Pointing (x, y)	Comment
04/06 19:15:00 - 04/06 19:21:54	Fixed ( 0.0, 0.0)	HOP130 (03/15)

PROG= 17 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= 88		1-time(s)		2.0sec									
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Seqn= 44		1-time(s)		2.0sec									
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	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 #1C09: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 60s cadence, G-band - 384x384 1ms**

Term	Pointing (x, y)	Comment
04/06 23:56:30 - 04/07 06:00:24	Fixed ( -22.0, 881.0)	HOP 81 - North Pole
04/07 20:29:30 - 04/08 02:09:54	Fixed ( -22.0, -959.0)	HOP81 - South Pole

PROG= 15 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	384x384 (1064, 1048)	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	384x384 (1064, 1048)	Q=90	0	0	2.0sec
Subr= 3		60-time(s)		60.0sec									
Seqn= 57		1-time(s)		30.0sec									
	Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	1x1	384x384 (1064, 1048)	Q=90	0	0	2.0sec
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	5.66s	Obs	1x1	384x384 (1064, 1048)	Q=90	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
04/07 06:13:30 - 04/07 15:59:54	Track ( 820.4, 328.5) <small>© 04/07 06:10:30</small>	# Track AR
04/08 06:16:00 - 04/08 10:55:00	Fixed ( 850.0, 325.0)	# AR with fixed pointing

PROG= 13 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	384x384 (1064, 1048)	DPCM	0	0	2.0sec

Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	384x384 (1064, 1048)	DPCM	0	0	2.0sec
Open/Ti-poly	Open/thick-Al	close	Safe	Dark	16.0s	Obs	1x1	384x384 (1064, 1048)	Q=98	0	0	2.0sec
<b>Subr= 2 4-time(s) 2.0sec</b>												
<b>Seqn= 47 1-time(s) 2.0sec</b>												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	2	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	0	2.0sec
<b>Seqn= 77 4-time(s) 300.0sec</b>												
Al-poly/Open	thin-Be/Open	close	Safe	Norm	250ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	2.0sec
thin-Be/Open	med-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	1	0	95.0sec
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	95.0sec
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 #1C8D: Alignment with North Pole Al/poly 1443ms Q95 2x2 (G-band and VLS=CLS) - 5min cad**

Term	Pointing (x, y)		Comment									
04/07 16:15:00 - 04/07 17:59:54	Fixed ( 0.0, 930.0)		Co-alignment - N-limb									
<b>PROG= 12 1-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 23 1-time(s) 2.0sec</b>												
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
<b>Subr= 2 24-time(s) 300.0sec</b>												
<b>Seqn= 69 1-time(s) 2.0sec</b>												
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									
04/07 18:25:00 - 04/07 20:09:54	Fixed ( -970.0, 0.0)		# Co-alignment - E-limb									
<b>PROG= 19 1-time(s)</b>												
<b>Subr= 1 1-time(s) 2.0sec</b>												
<b>Seqn= 23 1-time(s) 2.0sec</b>												
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
<b>Subr= 2 15-time(s) 480.0sec</b>												
<b>Seqn= 70 1-time(s) 2.0sec</b>												
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 #1C4D: HOP349 - 3-filter Synoptics (Al-mesh[128/1024/5795], Al-poly[256/4096/8192], thin-Be[2048/16384/32768] with 512x512 G-band+Leak(1064,1048)**

Term	Pointing (x, y)		Comment									
04/08 02:13:00 - 04/08 06:02:54	Fixed ( 0.0, 0.0)		HOP349									
<b>PROG= 16 Inf.-time(s)</b>												
<b>Subr= 1 1-time(s) 300.0sec</b>												
<b>Seqn= 88 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	1.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	5.66s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 50 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/Open	close	Safe	Norm	250ms	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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 56 1-time(s) 2.0sec</b>												
thin-Be/Open	thin-Be/Open	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	16.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
thin-Be/Open	thin-Be/Open	close	Safe	Norm	32.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 81 1-time(s) 2.0sec</b>												
Open/G-band	Open/G-band	open	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=90	0	0	2.0sec
Open/G-band	Open/G-band	close	Safe	Norm	1ms	Obs	1x1	512x512 (1064, 1048)	Q=95	0	0	2.0sec
<b>Subr= 2 6-time(s) 450.0sec</b>												
<b>Seqn= 8 1-time(s) 2.0sec</b>												
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
<b>Seqn= 6 1-time(s) 2.0sec</b>												
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
<b>Seqn= 29 1-time(s) 2.0sec</b>												
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	

\* \* \* \* \*

Flare mode

\* \* \* \* \*

**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
04/06 11:30:00 - 04/06 17:52:30	Track ( 735.5, 344.3) <sup>@ 04/06 11:27:00</sup>	# OP start + 10min : Track AR
04/06 18:29:30 - 04/06 18:39:54	Track ( 770.2, 338.5) <sup>@ 04/06 18:26:30</sup>	# Track AR
04/06 18:43:00 - 04/06 18:55:54	Fixed ( 936.0, 0.0)	HOP130 (01/15)
04/06 18:59:00 - 04/06 19:11:54	Fixed ( 468.0, 0.0)	HOP130 (02/15)
04/06 19:25:00 - 04/06 19:58:54	Fixed ( 0.0, 0.0)	HOP130 (03/15)
04/06 20:02:00 - 04/06 20:14:54	Fixed ( -468.0, 0.0)	HOP130 (04/15)
04/06 20:18:00 - 04/06 20:30:54	Fixed ( -936.0, 0.0)	HOP130 (05/15)
04/06 20:34:00 - 04/06 20:40:54	Fixed ( 815.0, 470.0)	HOP130 (06/15)
04/06 20:44:00 - 04/06 21:36:24	Fixed ( 411.0, 847.0)	HOP130 (07/15)
04/06 21:39:30 - 04/06 21:52:24	Fixed ( 0.0, 941.0)	HOP130 (08/15)
04/06 21:55:30 - 04/06 22:08:24	Fixed ( -411.0, 847.0)	HOP130 (09/15)
04/06 22:11:30 - 04/06 22:18:24	Fixed ( -815.0, 470.0)	HOP130 (10/15)
04/06 22:21:30 - 04/06 22:28:24	Fixed ( 815.0, -470.0)	HOP130 (11/15)
04/06 22:31:30 - 04/06 23:12:24	Fixed ( 411.0, -847.0)	HOP130 (12/15)
04/06 23:15:30 - 04/06 23:28:24	Fixed ( 0.0, -941.0)	HOP130 (13/15)
04/06 23:31:30 - 04/06 23:44:24	Fixed ( -411.0, -847.0)	HOP130 (14/15)
04/06 23:47:30 - 04/06 23:53:24	Fixed ( -815.0, -471.0)	HOP130 (15/15)
04/06 23:56:30 - 04/07 06:00:24	Fixed ( -22.0, 881.0)	HOP 81 - North Pole
04/07 06:13:30 - 04/07 15:59:54	Track ( 820.4, 328.5) <sup>@ 04/07 06:10:30</sup>	# Track AR
04/07 20:29:30 - 04/08 02:09:54	Fixed ( -22.0, -959.0)	HOP81 - South Pole
04/08 02:13:00 - 04/08 06:02:54	Fixed ( 0.0, 0.0)	HOP349
04/08 06:16:00 - 04/08 10:55:00	Fixed ( 850.0, 325.0)	# AR with fixed pointing

**PROG= 04 30-time(s)**

Subr= 1 20-time(s) 2.0sec		Seqn= 11 1-time(s) 2.0sec		Seqn= 73 1-time(s) 10.0sec		Subr= 2 1-time(s) 2.0sec		Seqn= 10 1-time(s) 2.0sec		Seqn= 11 1-time(s) 2.0sec		Seqn= 87 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			
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			
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			
Al-poly/Open	Al-poly/thick-Al close	Safe	Norm	125ms	Obs 2x2	512x512 (1024, 1024)	Q=95	2	0	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

\* \* \* \* \*

**Active Region Search**

\* \* \* \* \*

NOT USED

\* \* \* \* \*

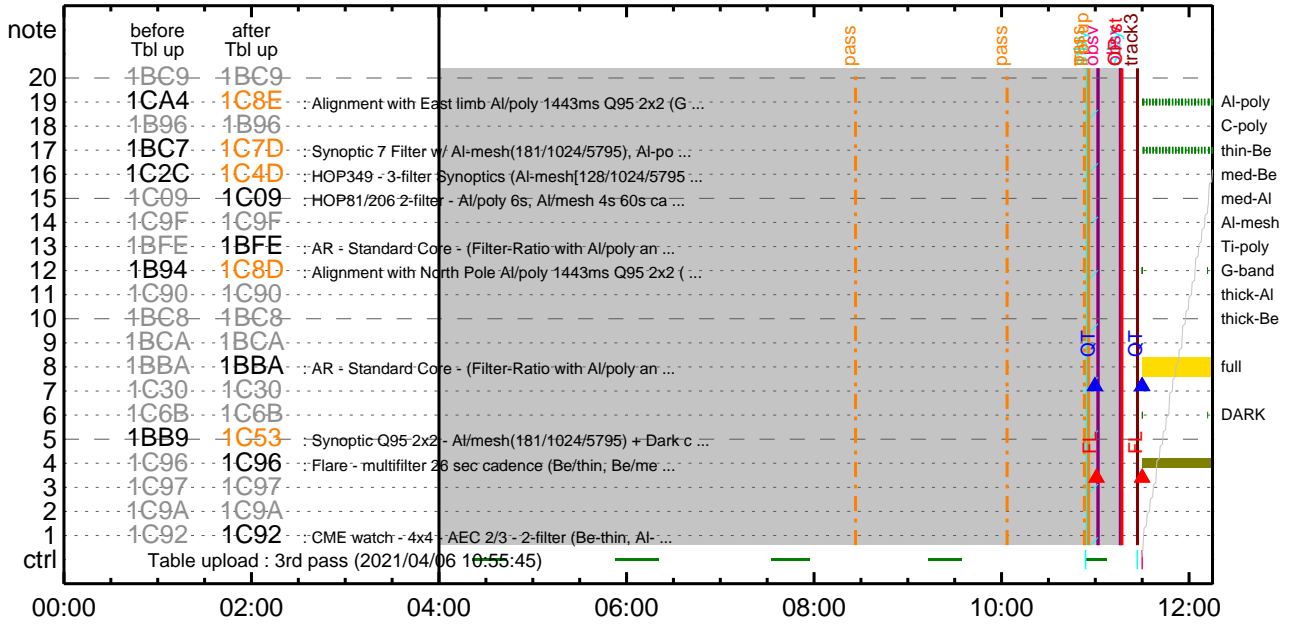
**Flare Detection**

\* \* \* \* \*

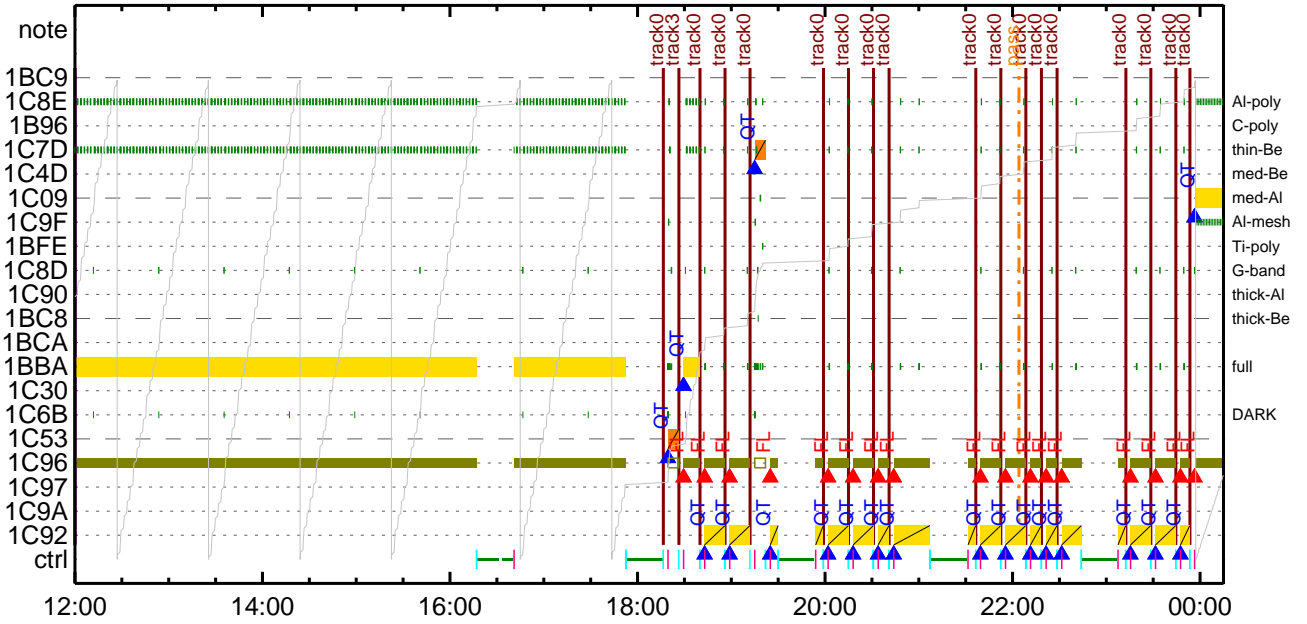
**FLD Patrol**

Term	Pointing (x, y)	Comment
04/06 18:26:46 - 04/06 19:12:16	Track ( 770.2, 338.5) <sup>@ 04/06 18:26:30</sup>	# Track AR
04/06 19:22:18 - 04/07 06:00:46	Fixed ( 0.0, 0.0)	HOP130 (03/15)
04/07 06:10:46 - 04/07 16:00:18	Track ( 820.4, 328.5) <sup>@ 04/07 06:10:30</sup>	# Track AR
04/07 20:10:18 - 04/08 06:03:16	Fixed ( -22.0, -959.0)	HOP81 - South Pole
04/08 06:13:16 - 04/10 11:28:00	Fixed ( 850.0, 325.0)	# AR with fixed pointing
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	

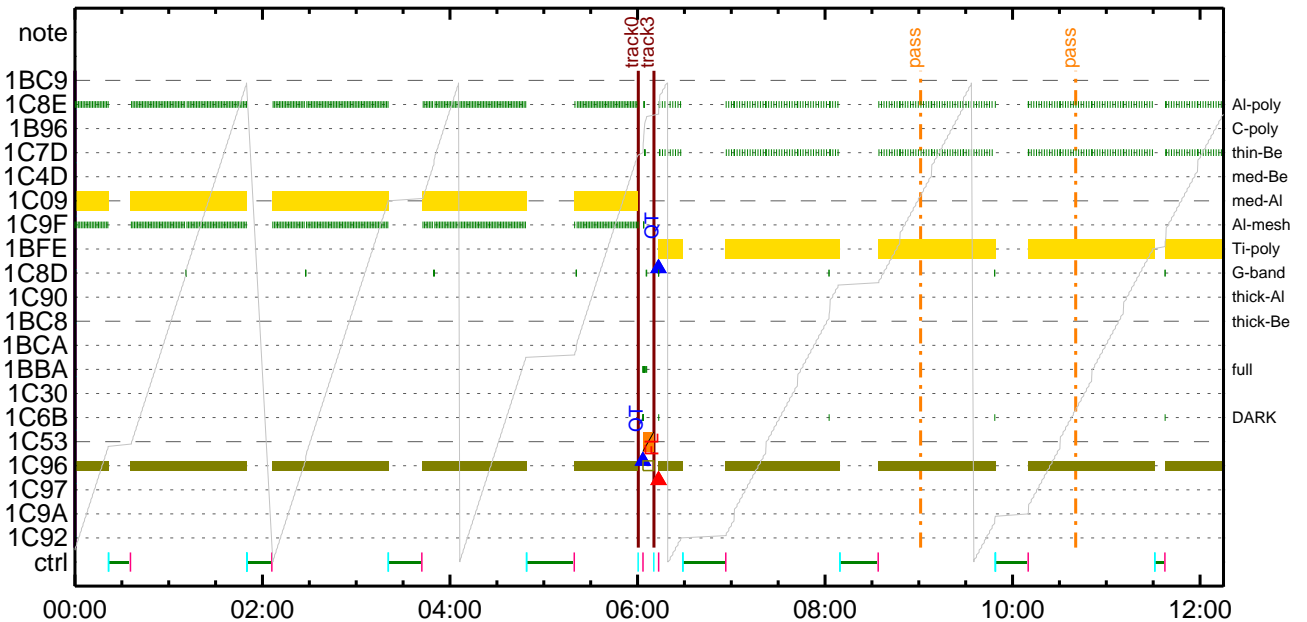
### CMDI #0557 2021/04/06



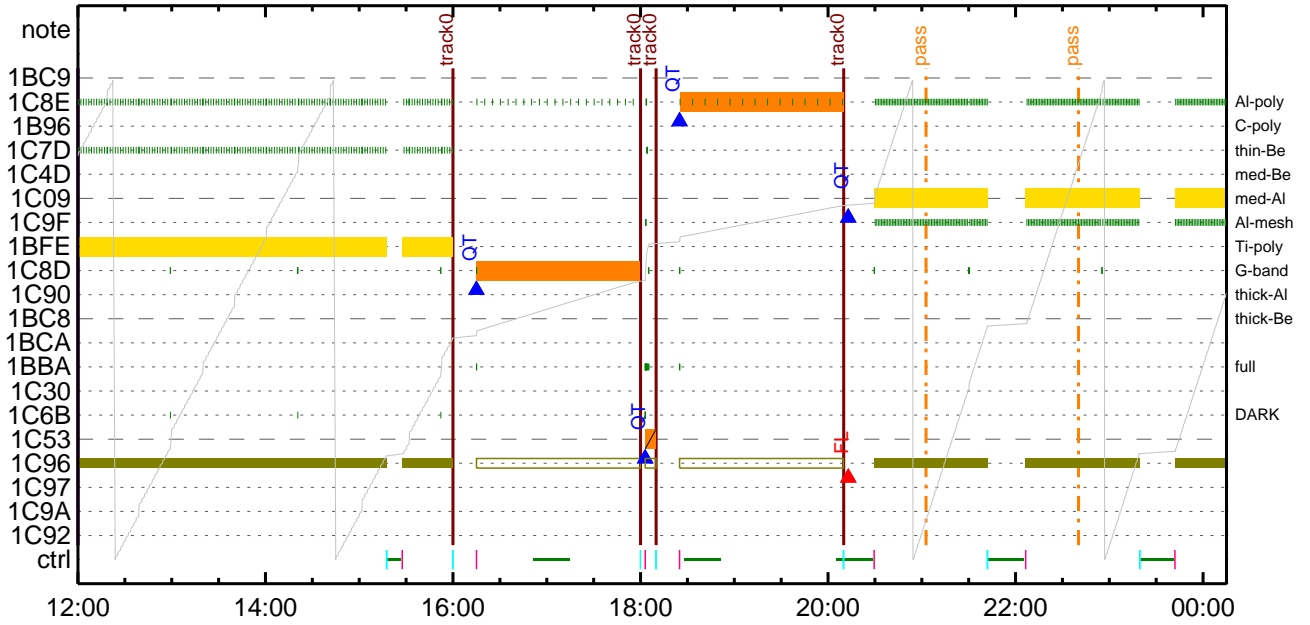
### CMDI #0557 2021/04/06



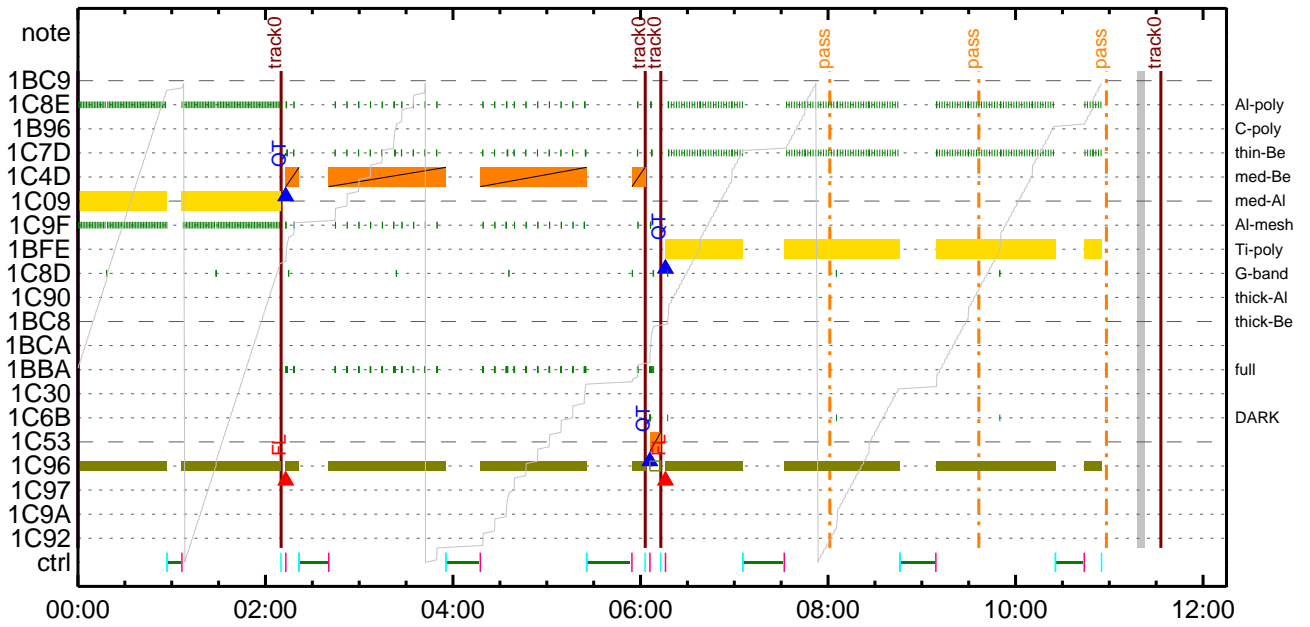
### CMDI #0557 2021/04/07



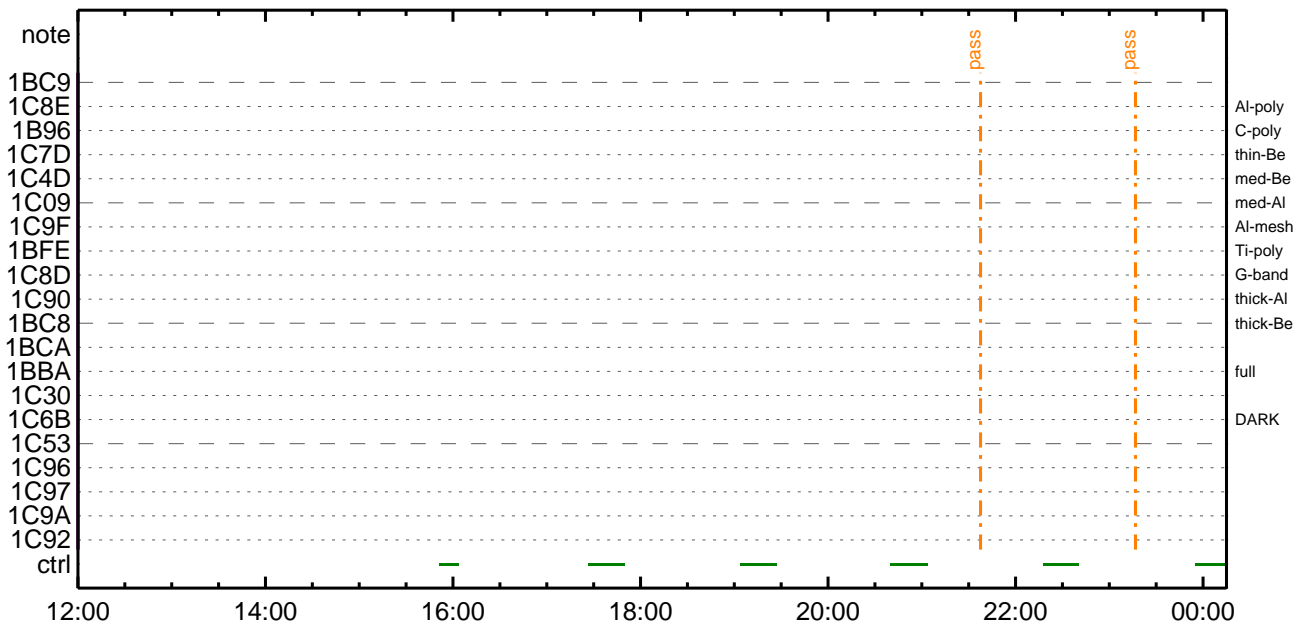
CMDI #0557 2021/04/07



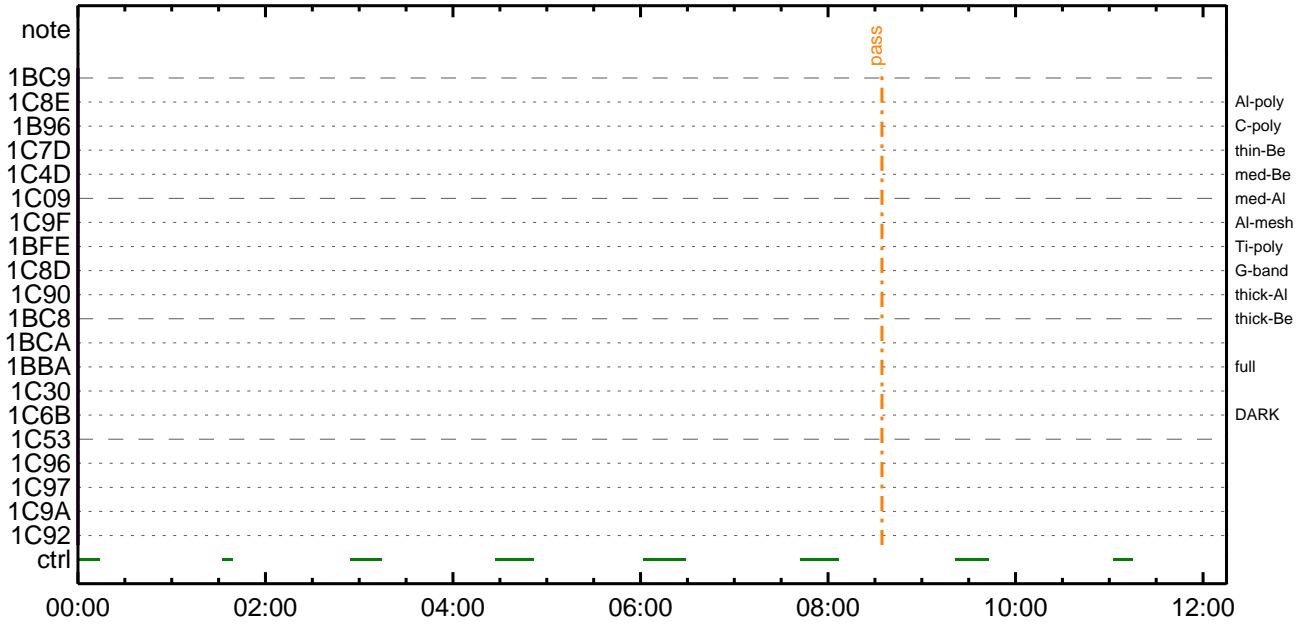
CMDI #0557 2021/04/08



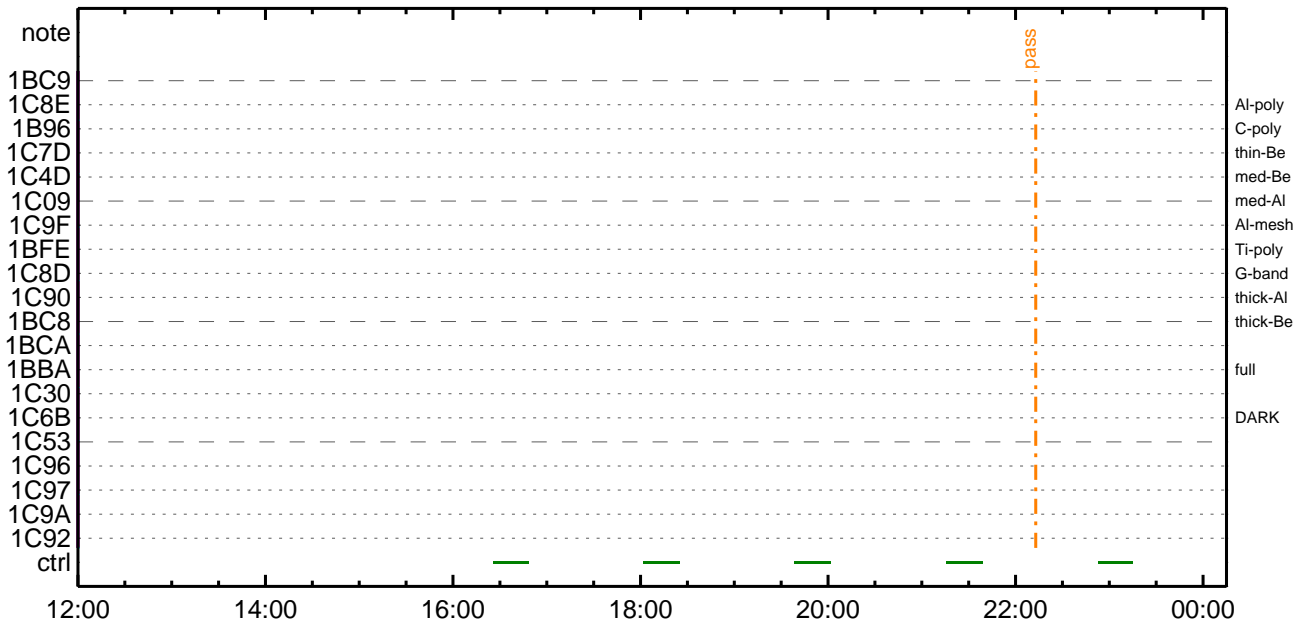
CMDI #0557 2021/04/08



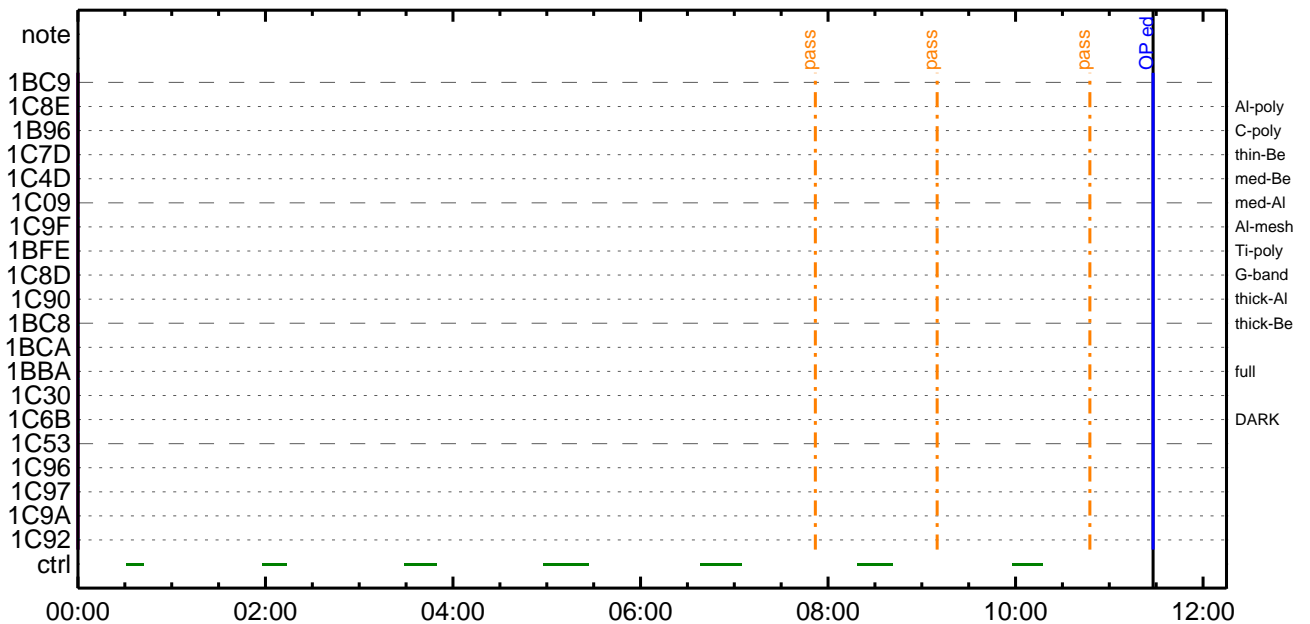
CMDI #0557 2021/04/09



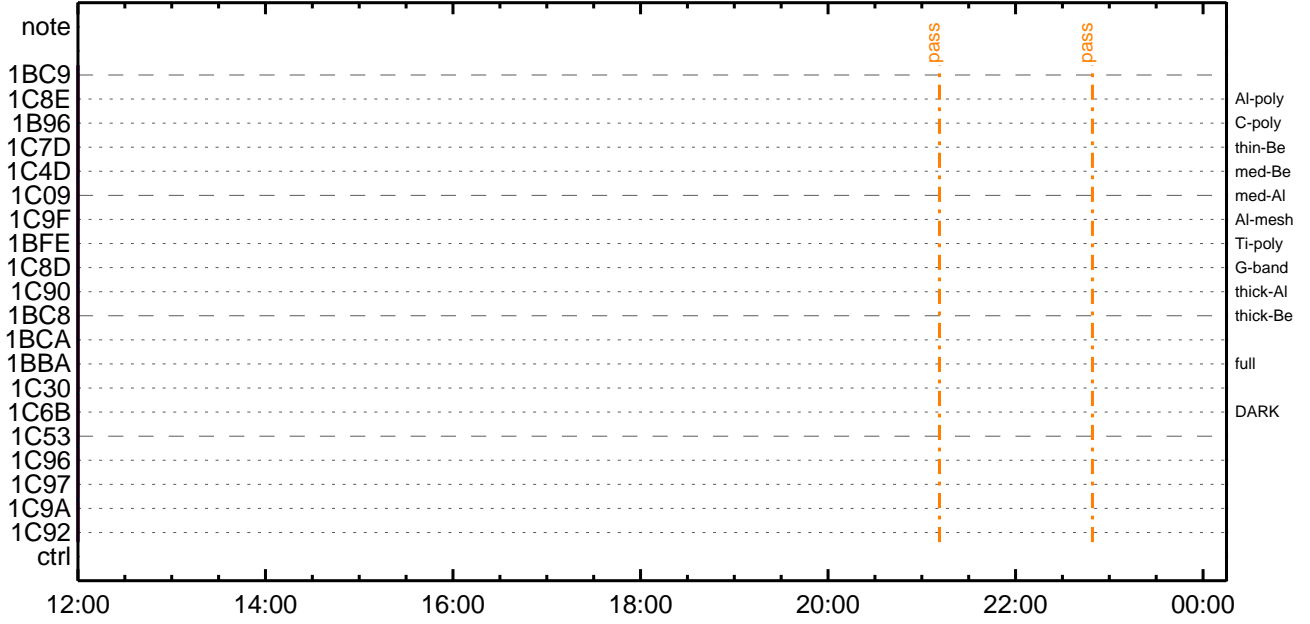
CMDI #0557 2021/04/09



CMDI #0557 2021/04/10



CMDI #0557 2021/04/10









0194 C.  
0195 +. TI 2021-04-06 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-¹àîŰ  
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. TIîŰ°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\_TBLαîŷÈ¹ç•è²îOKαò³îç§  
0229 C.  
0230 C. DHUŷâ;¼ŷÈ;È¼ŷ¼. ŷî;¼ŷÈ;Èαòîãα¹  
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. Stop EIS observation and temporarily disable EIS mode changes  
0239 C.  
0240 C.  
0241 C. \*\*\*\*\* Start EIS operation (TI set) \*\*\*\*\*  
0242 C. Execute, after the success of OP upload.  
0243 C. Set EIS TI-commands  
0244 +. TI 2021-04-06 11:16:30.0  
0245 DC 07-FC EIS\_MODE\_MANU  
0246 BC                   (21 02)  
0247 +. TI 2021-04-06 11:16:40.0  
0248 DC 07-FC EIS\_MODE\_CHG\_DIS  
0249 BC                   (22)  
0250 C.                    [    ] [HK1\_TI\_CMD\_NUM]                   EQ            2 COUNTUP  
0251 C. \*\*\*\*\* End EIS operation (TI set) \*\*\*\*\*  
0252 C.  
0253 C.  
0254 C.  
0255 C. \*\*\*\*\* XRT START \*\*\*\*\*  
0256 C. Execute, after the success of OP upload.  
0257 +. TI 2021-04-06 11:16:00.0  
0258 DC 07-F0 MDP\_XRT\_MODE\_STBY  
0259 BC                   (c3)  
0260 C.                    [    ] [HK1\_TI\_CMD\_NUM]                   EQ            1COUNTUP  
0261 C.  
0262 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0263 C.  
0264 C. \*\*\*\*\* MDP `ûÄîαî»ò¼ŷαÈÄα¹αèDCBC•×²è \*\*\*\*\*  
0265 C. (¼ª°îŷÖŷÄŷÈŷŷŷÈŷâŷçŷèαÈ¼αα¼Ä»Űα¹αè)  
0266 S. DC-BC dcbc-402:DCBC  
0267 (MDP\_known\_event)  
0268 C.  
0269 C.  
0270 C. \*\*\*\*\* ŷDŷ¹.İ Daily±;îñαÈ´Øα¹αèDCBC•×²è \*\*\*\*\*  
0271 S. DC-BC dcbc-153:DCBC  
0272 (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0273 C.  
0274 C.  
0275 C. ðãLOSŷÄŷŷŷÄŷ-¼Ä»Ű;ã  
0276 C.  
0277 C. \*\*\*\*\* LOS \*\*\*\*\*  
0278 C.





(a) Spacecraft Operation Procedure (real-commands)

```
main-417 2021-04-06 11:29:35 104 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. ÁÍ;Èð¿òÁð•µ°ÈÍ×ÁÇòÍYçYÁY×YÍ;¼YÉ;ÈÈèµ•íÍÉ;ÈòÈ¼°ÇÒð•ò¿¼í¹çòÍ;çÀ®, ùò¹òèòÈòçÁ+¿®ð•òÈòòò³òÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 C.
0015 C. ***** XRT START *****
0016 C.
0017 +. DC 07-F0 MDP_XRT_CTRL_MANU
0018 BC (c1)
0019 + DC 07-F0 MDP_XRT_MODE_STBY
0020 BC (c3)
0021 . C. ----- Success Verify ? OK / NG ____
0022 C.
0023 C. XRT Obs. Table Upload
0024 . S. RAM ram-291:MDP_OBS_X
0025 ( )
0026 C.
0027 +. DC 07-F0 MDP_DUMP_XRTTBL
0028 BC (84 07 00 00 00 3a d4)
0029 . C. ----- Comparison Check ? OK / ERR ____
0030 C.
0031 C.
0032 +. DC 07-F0 MDP_XRT_ROI_SET
0033 BC (cd 01 b1 b1 04 04)
0034 + DC 07-F0 MDP_XRT_ROI_SET
0035 BC (cd 02 b1 b1 08 08)
0036 + DC 07-F0 MDP_XRT_ROI_SET
0037 BC (cd 03 b1 b1 08 08)
0038 + DC 07-F0 MDP_XRT_ROI_SET
0039 BC (cd 04 b1 b1 06 06)
0040 + DC 07-F0 MDP_XRT_ROI_SET
0041 BC (cd 05 85 83 06 06)
0042 + DC 07-F0 MDP_XRT_ROI_SET
0043 BC (cd 06 85 83 06 06)
0044 + DC 07-F0 MDP_XRT_ROI_SET
0045 BC (cd 07 80 80 20 20)
0046 + DC 07-F0 MDP_XRT_ROI_SET
0047 BC (cd 08 80 80 20 08)
0048 + DC 07-F0 MDP_XRT_ROI_SET
0049 BC (cd 09 80 80 08 20)
0050 + DC 07-F0 MDP_XRT_ROI_SET
0051 BC (cd 0a 80 80 08 08)
0052 + DC 07-F0 MDP_XRT_ROI_SET
0053 BC (cd 0b 80 60 20 18)
0054 + DC 07-F0 MDP_XRT_ROI_SET
0055 BC (cd 0c a0 80 18 20)
0056 + DC 07-F0 MDP_XRT_ROI_SET
0057 BC (cd 0d 85 83 08 08)
0058 + DC 07-F0 MDP_XRT_ROI_SET
0059 BC (cd 0f 80 80 06 06)
0060 + DC 07-F0 MDP_XRT_ROI_SET
0061 BC (cd 10 80 80 08 08)
0062 + DC 07-F0 MDP_XRT_FLD_ENA
0063 BC (d8)
0064 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0065 BC (c8)
0066 + DC 07-F0 MDP_XRT_ARS_DIS
0067 BC (d5)
0068 + DC 07-F0 MDP_XRT_AEC_RESET
0069 BC (d0)
0070 + DC 07-F0 MDP_XRT_FLD_RESET
0071 BC (da)
0072 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0073 BC (c4 08)
0074 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0075 BC (c5 04)
0076 . C. ----- Success Verify ? OK / NG ____
0077 C.
0078 C.
0079 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0080 C.
0081 +. DC 07-F0 MDP_XRT_MODE_OBSV
0082 BC (c2)
0083 +. TI 2021-04-06 11:16:02.0
0084 DC 07-F0 MDP_XRT_MODE_OBSV
0085 BC (c2)
0086 . C. ----- Success Verify ? OK / NG ____
0087 C.
0088 C. ***** XRT END *****
0089 C.
0090 . C. ***** MDP `úÁÍòÍ»ò¼YòÈÁÐò¹òÈDCBC•x²è *****
0091 C. (¼á°íYÓYÁYÈY¥YÉYáYçYèÈ¼ò¼Á»Ûò¹òé)
0092 . S. DC-BC dcbc-402:DCBC
0093 (MDP_known_event)
0094 C.
0095 C.
```

```
0096 . C. ***** ¥D¥!•İ Daily±;İÑòĚ'Ø¹òĚDCBC•x²è *****
0097 . S. DC-BC dcbc-153:DCBC
0098 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0099 C.
0100 C.
0101 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ä
0102 C.
0103 . C. ***** LOS *****
0104 C.
```

\*\*\* OP Sequence for XRT \*\*\*

2021/04/06	11:26:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	11:26:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/04/06	11:27:00.0	AOCS_ORe-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	03 00 00 00 00		
2021/04/06	11:27:16.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/06	11:27:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/06	11:27:20.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/06	11:27:22.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	11:27:24.0	XRT_FLD_RESET_429_OG [0x1ad]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	11:29:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2021/04/06	11:29:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/04/06	11:30:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	16:17:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	16:17:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	16:17:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	16:17:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/06	16:20:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/06	16:40:00.0	XRT_Custom_430_OG [0x1ae]					
2021/04/06	16:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	17:52:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	17:52:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	17:52:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	17:52:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/06	17:55:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/06	18:16:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	18:16:26.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/06	18:16:30.0	AOCS_ORe-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2021/04/06	18:16:46.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/04/06	18:16:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/04/06	18:16:50.0	XRT_ARS_DIS_432_OG [0x1b0]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	18:19:28.0	XRT_QT_PROG_SET_446_OG [0x1be]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2021/04/06	18:19:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	18:26:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	18:26:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/04/06	18:26:30.0	AOCS_ORe-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	03 00 00 00 00		
2021/04/06	18:26:46.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/06	18:26:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/06	18:26:50.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/06	18:26:52.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	18:26:54.0	XRT_FLD_RESET_429_OG [0x1ad]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	18:29:26.0	XRT_QT_PROG_SET_416_OG [0x1a0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 08		
2021/04/06	18:29:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/04/06	18:29:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	18:39:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	18:39:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	18:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/06	18:40:00.0	AOCS_ORe-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 ac cd		





Apr 06, 21 11:29

## XRT\_OGLIST\_0557.chk

Page 3/11

2021/04/06	19:58:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/04/06	19:58:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/04/06	19:59:00.0	AOCS_OrE-point_Start_5_OG [0x09b] AOCU_NM	5	02-76	00 00 00 29 99
2021/04/06	19:59:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/04/06	19:59:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/04/06	19:59:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/04/06	19:59:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/04/06	19:59:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/04/06	20:01:56.0	XRT_QT_PROG_SET_433_OG [0x1b1] MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2021/04/06	20:01:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/04/06	20:02:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/04/06	20:14:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/04/06	20:14:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/04/06	20:14:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/04/06	20:15:00.0	AOCS_OrE-point_Start_6_OG [0x09c] AOCU_NM	5	02-76	00 00 00 53 33
2021/04/06	20:15:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/04/06	20:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/04/06	20:15:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/04/06	20:15:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/04/06	20:15:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/04/06	20:17:56.0	XRT_QT_PROG_SET_433_OG [0x1b1] MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2021/04/06	20:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/04/06	20:18:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/04/06	20:30:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/04/06	20:30:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/04/06	20:30:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/04/06	20:31:00.0	AOCS_OrE-point_Start_7_OG [0x09d] AOCU_NM	5	02-76	00 d6 36 b7 8e
2021/04/06	20:31:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/04/06	20:31:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/04/06	20:31:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/04/06	20:31:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/04/06	20:31:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/04/06	20:33:56.0	XRT_QT_PROG_SET_433_OG [0x1b1] MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2021/04/06	20:33:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/04/06	20:34:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/04/06	20:40:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/04/06	20:40:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2021/04/06	20:40:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2021/04/06	20:41:00.0	AOCS_OrE-point_Start_8_OG [0x09e] AOCU_NM	5	02-76	00 b4 b5 db 75
2021/04/06	20:41:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2021/04/06	20:41:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2021/04/06	20:41:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2021/04/06	20:41:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2021/04/06	20:41:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2021/04/06	20:43:56.0	XRT_QT_PROG_SET_433_OG [0x1b1] MDP_XRT_QT_PROG_SET	2	07-F0	c4 01
2021/04/06	20:43:58.0	XRT_FL_PROG_SET_418_OG [0x1a2] MDP_XRT_FL_PROG_SET	2	07-F0	c5 04
2021/04/06	20:44:00.0	XRT_CTRL_AUTO_408_OG [0x198]			

Apr 06, 21 11:29

## XRT\_OGLIST\_0557.chk

Page 4/11

2021/04/06	21:07:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
			MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	21:07:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	21:07:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	21:07:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/06	21:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/06	21:30:30.0	XRT_Custom_430_OG [0x1ae]						
2021/04/06	21:31:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	21:36:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	21:36:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	21:36:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/06	21:36:30.0	AOCS_Ore-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 ac 5b 00 00		
2021/04/06	21:36:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/06	21:36:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/06	21:36:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/06	21:36:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	21:36:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	21:39:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2021/04/06	21:39:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/04/06	21:39:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	21:52:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	21:52:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	21:52:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/06	21:52:30.0	AOCS_Ore-point_Start_10_OG [0x0a0]	AOCU_NM	5	02-76	00 b4 b5 24 8b		
2021/04/06	21:52:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/06	21:52:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/06	21:52:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/06	21:52:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	21:52:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	21:55:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2021/04/06	21:55:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/04/06	21:55:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	22:08:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	22:08:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	22:08:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/06	22:08:30.0	AOCS_Ore-point_Start_11_OG [0x0a1]	AOCU_NM	5	02-76	00 d6 36 48 72		
2021/04/06	22:08:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/06	22:08:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/06	22:08:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/06	22:08:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	22:08:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	22:11:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01		
2021/04/06	22:11:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/04/06	22:11:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	22:18:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	22:18:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	22:18:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/06	22:18:30.0	AOCS_Ore-point_Start_12_OG [0x0a2]						

2021/04/06	22:18:48.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00	29	ca	b7	8e
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/04/06	22:18:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/04/06	22:18:52.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/04/06	22:18:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/04/06	22:18:56.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2021/04/06	22:21:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2021/04/06	22:21:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/04/06	22:21:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/04/06	22:28:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	22:28:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	22:28:28.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/04/06	22:28:30.0	AOCS_OrE-point_Start_13_OG [0x0a3]								
			AOCU_NM	5	02-76	00	4b	4b	db	75
2021/04/06	22:28:48.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/04/06	22:28:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/04/06	22:28:52.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/04/06	22:28:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/04/06	22:28:56.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2021/04/06	22:31:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2021/04/06	22:31:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/04/06	22:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/04/06	22:44:00.0	XRT_CTRL_MANU_400_OG [0x190]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	22:44:02.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	22:44:04.0	XRT_FLD_RESET_415_OG [0x19f]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2021/04/06	22:44:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]								
			MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2021/04/06	22:47:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]								
			MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2021/04/06	23:06:30.0	XRT_Custom_430_OG [0x1ae]								
2021/04/06	23:07:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/04/06	23:12:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	23:12:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	23:12:28.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/04/06	23:12:30.0	AOCS_OrE-point_Start_14_OG [0x0a4]								
			AOCU_NM	5	02-76	00	53	a5	00	00
2021/04/06	23:12:48.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/04/06	23:12:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/04/06	23:12:52.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/04/06	23:12:54.0	XRT_ARS_DIS_423_OG [0x1a7]								
			MDP_XRT_ARS_DIS	1	07-F0	d5				
2021/04/06	23:12:56.0	XRT_FLD_RESET_434_OG [0x1b2]								
			MDP_XRT_FLD_RESET	1	07-F0	da				
2021/04/06	23:15:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]								
			MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2021/04/06	23:15:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]								
			MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2021/04/06	23:15:30.0	XRT_CTRL_AUTO_408_OG [0x198]								
			MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2021/04/06	23:28:24.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	23:28:26.0	XRT_CTRL_MANU_402_OG [0x192]								
			MDP_XRT_CTRL_MANU	1	07-F0	c1				
2021/04/06	23:28:28.0	XRT_FOCUS_POSITION_406_OG [0x196]								
			XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2021/04/06	23:28:30.0	AOCS_OrE-point_Start_15_OG [0x0a5]								
			AOCU_NM	5	02-76	00	4b	4b	24	8b
2021/04/06	23:28:48.0	XRT_FLD_ENA_411_OG [0x19b]								
			MDP_XRT_FLD_ENA	1	07-F0	d8				
2021/04/06	23:28:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]								
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2021/04/06	23:28:52.0	XRT_AEC_RESET_448_OG [0x1c0]								
			MDP_XRT_AEC_RESET	1	07-F0	d0				
2021/04/06	23:28:54.0	XRT_ARS_DIS_423_OG [0x1a7]								

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## XRT\_OGLIST\_0557.chk

Page 6/11

2021/04/06	23:28:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5		
			MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	23:31:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2021/04/06	23:31:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2021/04/06	23:31:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	23:44:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	23:44:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	23:44:28.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa 00
2021/04/06	23:44:30.0	AOCS_OrE-point_Start_16_OG [0x0a6]	AOCU_NM	5	02-76	00	29	db 48 72
2021/04/06	23:44:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/06	23:44:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/06	23:44:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/06	23:44:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	23:44:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	23:47:26.0	XRT_QT_PROG_SET_433_OG [0x1b1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	01	
2021/04/06	23:47:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2021/04/06	23:47:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/06	23:53:24.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	23:53:26.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/06	23:53:28.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97 00
2021/04/06	23:53:30.0	AOCS_OrE-point_Start_17_OG [0x0a7]	AOCU_NM	5	02-76	00	b1	b3 01 f3
2021/04/06	23:53:48.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/06	23:53:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/06	23:53:52.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/06	23:53:54.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/06	23:53:56.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/06	23:56:26.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f	
2021/04/06	23:56:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04	
2021/04/06	23:56:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	00:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	00:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	00:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	00:21:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	00:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	00:34:30.0	XRT_Custom_430_OG [0x1ae]						
2021/04/07	00:35:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	01:50:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	01:50:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	01:50:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	01:50:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	01:53:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	02:05:00.0	XRT_Custom_430_OG [0x1ae]						
2021/04/07	02:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	03:20:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	03:20:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	03:20:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	03:20:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	03:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		

2021/04/07	03:41:00.0	XRT_Custom_430_OG [0x1ae]					
2021/04/07	03:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	04:49:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	04:49:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	04:49:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	04:49:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	04:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	05:18:30.0	XRT_Custom_430_OG [0x1ae]					
2021/04/07	05:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	06:00:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	06:00:26.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/07	06:00:30.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2021/04/07	06:00:46.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/04/07	06:00:48.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/04/07	06:00:50.0	XRT_ARS_DIS_432_OG [0x1b0]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/07	06:03:28.0	XRT_QT_PROG_SET_446_OG [0x1be]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2021/04/07	06:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	06:10:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	06:10:26.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/04/07	06:10:30.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	03 00 00 00 00		
2021/04/07	06:10:46.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/07	06:10:48.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/07	06:10:50.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/07	06:10:52.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/07	06:10:54.0	XRT_FLD_RESET_429_OG [0x1ad]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	06:13:26.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d		
2021/04/07	06:13:28.0	XRT_FL_PROG_SET_418_OG [0x1a2]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04		
2021/04/07	06:13:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	06:29:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	06:29:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	06:29:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	06:29:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	06:32:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	06:55:30.0	XRT_Custom_430_OG [0x1ae]					
2021/04/07	06:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	08:09:30.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	08:09:32.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	08:09:34.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	08:09:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	08:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	08:33:00.0	XRT_Custom_430_OG [0x1ae]					
2021/04/07	08:34:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	09:49:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	09:49:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	09:49:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	09:49:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	09:52:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	10:09:00.0	XRT_Custom_430_OG [0x1ae]					
2021/04/07	10:10:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		

2021/04/07	11:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	11:31:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	11:31:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	11:31:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	11:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	11:36:30.0	XRT_Custom_430_OG [0x1ae]						
2021/04/07	11:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	15:17:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	15:17:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	15:17:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da		
2021/04/07	15:17:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2021/04/07	15:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2021/04/07	15:26:30.0	XRT_Custom_430_OG [0x1ae]						
2021/04/07	15:27:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	15:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	15:59:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	15:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/04/07	16:00:00.0	AOCs_OrE-point_Start_18_OG [0x0a8]	AOCU_NM	5	02-76	00 ad 59 00 00		
2021/04/07	16:00:18.0	XRT_FLD_DIS_439_OG [0x1b7]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/04/07	16:14:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/04/07	16:14:56.0	XRT_ARS_DIS_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/07	16:14:58.0	XRT_QT_PROG_SET_426_OG [0x1aa]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c		
2021/04/07	16:15:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	17:59:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	17:59:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2021/04/07	18:00:00.0	AOCs_OrE-point_Start_2_OG [0x098]	AOCU_NM	5	02-76	00 00 00 00 00		
2021/04/07	18:00:16.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/04/07	18:00:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/04/07	18:00:20.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/07	18:02:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2021/04/07	18:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	18:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	18:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	18:09:58.0	XRT_FOCUS_POSITION_449_OG [0x1c1]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/04/07	18:10:00.0	AOCs_OrE-point_Start_19_OG [0x0a9]	AOCU_NM	5	02-76	00 00 00 56 35		
2021/04/07	18:10:18.0	XRT_FLD_DIS_439_OG [0x1b7]	MDP_XRT_FLD_DIS	1	07-F0	d9		
2021/04/07	18:24:54.0	XRT_ARS_DIS_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5		
2021/04/07	18:24:56.0	XRT_FLRCTRL_DIS_436_OG [0x1b4]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2021/04/07	18:24:58.0	XRT_QT_PROG_SET_442_OG [0x1ba]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 13		
2021/04/07	18:25:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2021/04/07	20:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	20:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1		
2021/04/07	20:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2021/04/07	20:10:00.0	AOCs_OrE-point_Start_20_OG [0x0aa]	AOCU_NM	5	02-76	00 55 3f 01 f3		
2021/04/07	20:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8		
2021/04/07	20:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2021/04/07	20:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0		
2021/04/07	20:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]						

2021/04/07	20:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/04/07	20:12:56.0	XRT_QT_PROG_SET_405_OG [0x195]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/04/07	20:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2021/04/07	20:28:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2021/04/07	20:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/04/07	21:42:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/07	21:42:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/07	21:42:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/04/07	21:42:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/04/07	21:45:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/04/07	22:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/04/07	22:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/07	23:19:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/07	23:19:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/07	23:19:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/04/07	23:19:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/04/07	23:22:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/04/07	23:41:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/04/07	23:42:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	00:57:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	00:57:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	00:57:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/04/08	00:57:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/04/08	01:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/04/08	01:05:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/04/08	01:06:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	02:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	02:09:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff aa 00		
2021/04/08	02:10:00.0	AOCS_Ore-point_Start_2_OG [0x098]	ACCU_NM	5	02-76	00	00 00 00 00		
2021/04/08	02:10:16.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8			
2021/04/08	02:10:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2021/04/08	02:10:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0			
2021/04/08	02:10:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2021/04/08	02:10:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/04/08	02:12:56.0	XRT_QT_PROG_SET_441_OG [0x1b9]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	10		
2021/04/08	02:12:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2021/04/08	02:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/04/08	02:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	02:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	02:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/04/08	02:21:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/04/08	02:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2021/04/08	02:39:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2021/04/08	02:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	03:55:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	03:55:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2021/04/08	03:55:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2021/04/08	03:55:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2021/04/08	03:58:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			



2021/04/08	04:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/04/08	04:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2021/04/08	05:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/04/08	05:25:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	05:25:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	05:25:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/04/08	05:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/04/08	05:53:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/04/08	05:54:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2021/04/08	06:02:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/04/08	06:02:56.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	06:03:00.0	AOCS_ORe-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2021/04/08	06:03:16.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2021/04/08	06:03:18.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2021/04/08	06:03:20.0	XRT_ARS_DIS_432_OG [0x1b0]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2021/04/08	06:05:58.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/04/08	06:06:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 05	
2021/04/08	06:12:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/04/08	06:12:56.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	06:13:00.0	AOCS_ORe-point_Start_21_OG [0x0ab]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
2021/04/08	06:13:16.0	XRT_FLD_ENA_411_OG [0x19b]	AOCU_NM	5	02-76	00 e3 1b b4 73	
2021/04/08	06:13:18.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLD_ENA	1	07-F0	d8	
2021/04/08	06:13:20.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8	
2021/04/08	06:13:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_AEC_RESET	1	07-F0	d0	
2021/04/08	06:13:24.0	XRT_FLD_RESET_429_OG [0x1ad]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2021/04/08	06:15:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/04/08	06:15:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 0d	
2021/04/08	06:16:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 04	
2021/04/08	07:05:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/04/08	07:05:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	07:05:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	07:05:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/04/08	07:08:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/04/08	07:31:00.5	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/04/08	07:32:00.5	XRT_CTRL_AUTO_424_OG [0x1a8]					
2021/04/08	08:46:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/04/08	08:46:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	08:46:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	08:46:06.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/04/08	08:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/04/08	09:08:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/04/08	09:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2021/04/08	10:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2021/04/08	10:25:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	10:25:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2021/04/08	10:25:36.0	XRT_PREFLR_STRT_440_OG [0x1b8]	MDP_XRT_FLD_RESET	1	07-F0	da	
2021/04/08	10:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2021/04/08	10:43:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2021/04/08	10:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					

2021/04/08	10:55:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2021/04/08	11:33:00.0	AOCS_OrE-point_Start_2_OG [0x098]	MDP_XRT_CTRL_MANU	1	07-F0	c1
			AOCU_NM	5	02-76	00 00 00 00 00