

# XRT Timeline to be uploaded on 2019/11/09

Period: 2019/11/09 11:39:00 - 2019/11/14 10:47:00

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Normal mode

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XOB #1BC3: AR-(filter ratio Al/poly thin-Be), 512x512 at 1064 1048, with G-band 1ms, PFB, 45s cad												
Term	Pointing (x, y)						Comment					
11/09 11:52:00 - 11/09 13:29:54	Track ( 793.6, -507.1) <sup>© 11/09 11:49:00</sup>						# OP start + 10min + AR 12750 obs.					
11/09 18:19:30 - 11/10 01:59:54	Fixed ( 815.0, -498.0)						AR 12750 obs.					
<b>PROG= 05 Inf.-time(s)</b>												
└─ 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 512x512 (1064, 1048) DPCM 0 0 2.0sec												
└─┬─┬─ Open/G-band Open/G-band close Safe Norm 1ms Obs 1x1 512x512 (1064, 1048) DPCM 0 0 2.0sec												
└─┬─┬─ Open/Ti-poly Open/thick-Al close Safe Dark 16.0s Obs 1x1 512x512 (1064, 1048) Q=98 0 0 2.0sec												
└─┬─ Subr= 2 1-time(s) 2.0sec												
└─┬─┬─ Seqn= 66 40-time(s) 45.0sec												
└─┬─┬─┬─ thin-Be/Open med-Be/Open close Safe Norm 1.00s Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
└─┬─┬─┬─ Al-poly/Open thin-Be/Open close Safe Norm 500ms Obs 1x1 512x512 (1064, 1048) Q=95 3 0 2.0sec												
└─┬─┬─┬─ 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 2.0sec												
└─┬─┬─┬─ thin-Be/Open med-Be/Open close Safe Norm 1.00s Obs 1x1 384x384 (1064, 1048) Q=95 3 2 2.0sec												
└─┬─┬─┬─ Al-poly/Open thin-Be/Open close Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) Q=95 3 2 2.0sec												
└─ Default Filter Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center) Comp. AEC Buffer Interval												

XOB #1B93: HOP81/206 2-filter - Al/poly 6s, Al/mesh 4s 30s cadence, G-band - 384x384 1ms												
Term	Pointing (x, y)						Comment					
11/09 13:33:00 - 11/09 17:43:00	Track ( -160.3, 36.9) <sup>© 11/09 13:30:00</sup>						ALMA coordination					
11/12 06:19:00 - 11/12 09:11:00	Fixed ( -22.0, -939.0)						South Polar CH obs.					
<b>PROG= 06 Inf.-time(s)</b>												
└─ 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) 2.0sec												
└─┬─┬─ 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 #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					
11/09 18:09:30 - 11/09 18:16:24	Fixed ( 0.0, 0.0)						synoptic, shifted 6.5 min					
11/10 06:03:32 - 11/10 06:09:54	Fixed ( 0.0, 0.0)						HOP 349 + synoptic					
11/10 17:58:26 - 11/10 18:03:54	Fixed ( 0.0, 0.0)						synoptic, shifted -6.0 min					
11/11 06:03:32 - 11/11 06:09:54	Fixed ( 0.0, 0.0)						HOP 349 + synoptic					
11/11 19:33:00 - 11/11 19:39:54	Fixed ( 0.0, 0.0)						synoptic, shifted -4.0 min					
<b>PROG= 07 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 #1C44: 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					

11/10 02:03:00 - 11/10 06:03:00 Fixed ( 0.0, 0.0) HOP 349 + synoptic  
 11/11 02:03:00 - 11/11 06:03:00 Fixed ( 0.0, 0.0) HOP 349 + synoptic  
 11/12 02:03:00 - 11/12 05:41:00 Fixed ( 0.0, 0.0) HOP 349 + synoptic

**PROG= 16 Inf.-time(s)**

Subr	Seqn	1-time(s)	2.0sec																	
Subr= 1	Seqn= 88	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= 50	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						
	Seqn= 56	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						
	Seqn= 81	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						
	Subr= 2	Seqn= 8	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec					
thin-Be/Open			med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec						
Seqn= 6		Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec						
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec						
Seqn= 29		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 #1BDB: AR (Filter-Ratio with Al/poly and thin-Be) with PFB, 512x512 at 1064 1048, thick-Al context, with G-band (1ms/1ms leak), 120s cad**

Term	Pointing (x, y)	Comment
11/10 06:13:00 - 11/10 17:53:54	Fixed ( 815.0, -498.0)	AR 12750 obs.
11/10 18:07:00 - 11/11 01:59:54	Fixed ( 815.0, -498.0)	AR 12750 obs.

**PROG= 02 Inf.-time(s)**

Subr	Seqn	1-time(s)	2.0sec																	
Subr= 1	Seqn= 92	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						
	Seqn= 71	Open/thick-Al	Open/thick-Be	close	Safe	Norm	16.0s	Obs	1x1	512x512 (1064, 1048)	Q=98	3	0	2.0sec						
Subr= 2	Seqn= 15	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec						
		Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	512x512 (1064, 1048)	Q=95	2	0	2.0sec						
	Seqn= 58	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						
	Seqn= 48	Al-poly/Open	thin-Be/Open	close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec						
		thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)	Q=95	3	2	2.0sec						
			Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval					

**XOB #1B97: CME watch - 4x4 - AEC 2/3 - 2-filter (Be-thin, Al-poly) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 360s cad (G-band/Leak last)**

Term	Pointing (x, y)	Comment
11/11 06:13:00 - 11/11 10:54:54	Track ( -22.0, -0.1) @ 11/11 06:10:00	Spectral atlas and Sensitivity monitoring at QS
11/11 19:43:00 - 11/12 01:59:54	Track ( 25.2, -132.5) @ 11/11 19:40:00	QS network and coronal BP obs.

**PROG= 14 Inf.-time(s)**

Subr	Seqn	1-time(s)	2.0sec																
Subr= 1	Seqn= 8	thin-Be/Open	med-Be/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec					
		thin-Be/Open	med-Be/Open	close	Safe	Norm	1.41s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec					
	Seqn= 6	Al-poly/Open	Al-poly/Open	close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)	Q=98	3	0	2.0sec					
		Al-poly/Open	Al-poly/Open	close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)	DPCM	2	0	2.0sec					
Subr= 2	Seqn= 30	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					
		Default Filter	Thicker Filter	VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)	Comp.	AEC	Buffer	Interval					

**XOB #1C65: Mercury transit 20191111-1**

Term	Pointing (x, y)	Comment
11/11 10:58:00 - 11/11 11:59:32	Fixed ( -613.0, 63.0)	Mercury transit 1/3

<b>PROG= 12 1-time(s)</b>													
└─ <b>Subr= 1 2-time(s) 2.0sec</b>													
└─ <b>Seqn= 69 1-time(s) 2.0sec</b>													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Open/Open	close	Safe	Norm	16.0s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ <b>Seqn= 20 50-time(s) 60.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	768x384 (384, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	1x1	768x384 (384, 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 #1C66: Mercury transit 20191111-2**

Term		Pointing (x, y)		Comment									
11/11 12:00:09 - 11/11 15:38:54		Fixed ( -613.0, 63.0)		Mercury transit 1/3									
<b>PROG= 18 1-time(s)</b>													
└─ <b>Subr= 1 4-time(s) 2.0sec</b>													
└─ <b>Seqn= 18 180-time(s) 20.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	2048x384 (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 #1C67: Mercury transit 20191111-3**

Term		Pointing (x, y)		Comment									
11/11 15:54:00 - 11/11 17:13:54		Fixed ( 0.0, 0.0)		Mercury transit 2/3									
<b>PROG= 09 1-time(s)</b>													
└─ <b>Subr= 1 1-time(s) 2.0sec</b>													
└─ <b>Seqn= 69 1-time(s) 2.0sec</b>													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Open/Open	close	Safe	Norm	16.0s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ <b>Seqn= 68 180-time(s) 30.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	2048x512 (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 #1C68: Mercury transit 20191111-4**

Term		Pointing (x, y)		Comment									
11/11 17:40:30 - 11/11 17:57:30		Fixed ( 947.0, 104.0)		Mercury transit 3/3									
<b>PROG= 15 1-time(s)</b>													
└─ <b>Subr= 1 1-time(s) 2.0sec</b>													
└─ <b>Seqn= 69 1-time(s) 2.0sec</b>													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Open/Open	close	Safe	Norm	16.0s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ <b>Seqn= 18 40-time(s) 30.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	2048x384 (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 #1C69: Mercury transit 20191111-5**

Term		Pointing (x, y)		Comment									
11/11 17:58:02 - 11/11 18:10:00		Fixed ( 947.0, 104.0)		Mercury transit 3/3									
<b>PROG= 03 1-time(s)</b>													
└─ <b>Subr= 1 1-time(s) 2.0sec</b>													
└─ <b>Seqn= 18 90-time(s) 10.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	2048x384 (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 #1C6A: Mercury transit 20191111-6**

Term		Pointing (x, y)		Comment									
11/11 18:10:37 - 11/11 19:29:54		Fixed ( 947.0, 104.0)		Mercury transit 3/3									
<b>PROG= 04 1-time(s)</b>													
└─ <b>Subr= 1 2-time(s) 2.0sec</b>													
└─ <b>Seqn= 69 1-time(s) 2.0sec</b>													
	Al-poly/Open	Al-poly/Open	close	Safe	Norm	2.00s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Open/Open	close	Safe	Norm	16.0s	Obs	1x1	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
└─ <b>Seqn= 61 45-time(s) 60.0sec</b>													
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	8.00s	Obs	1x1	2048x384 (1024, 1024)	Q=95	0	0	2.0sec
	Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	22.6s	Obs	1x1	2048x384 (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 #1C13: Synoptic 7 Filter w/ Al-mesh(512/2048/4096), Al-poly(512/4096/8192), Thin-Be(3897/16384/32768) - Thick-Be(65536), Al-poly+Ti-poly(4096/23142)**

Term		Pointing (x, y)		Comment									
11/12 05:41:32 - 11/12 05:51:00		Fixed ( 0.0, 0.0)		HOP 349 + synoptic									
<b>PROG= 11 1-time(s)</b>													
└─ <b>Subr= 1 1-time(s) 2.0sec</b>													
└─ <b>Seqn= 5 1-time(s) 2.0sec</b>													
	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
<b>Seqn= 12 1-time(s) 2.0sec</b>												
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
Open/Al-mesh	Open/Al-mesh	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 82 1-time(s) 2.0sec</b>												
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
Al-poly/Open	Al-poly/Open	close	Safe	Norm	8.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=95	0	0	2.0sec
<b>Seqn= 52 1-time(s) 2.0sec</b>												
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
<b>Seqn= 23 1-time(s) 4.0sec</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 1-time(s) 2.0sec</b>												
<b>Seqn= 46 1-time(s) 2.0sec</b>												
Open/thick-Be	Open/thick-Be	close	Safe	Norm	64.0s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
<b>Seqn= 17 1-time(s) 2.0sec</b>												
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
<b>Seqn= 97 1-time(s) 2.0sec</b>												
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	4.00s	Obs	2x2	2048x2048 (1024, 1024)	Q=98	0	0	2.0sec
Al-poly/Ti-poly	Al-poly/thick-Al	close	Safe	Norm	22.6s	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	

\* \* \* \* \*

### Flare mode

\* \* \* \* \*

### XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

Term	Pointing (x, y)	Comment
11/09 11:52:00 - 11/09 13:29:54	Track ( 793.6, -507.1) @ 11/09 11:49:00	# OP start + 10min + AR 12750 obs.
11/09 13:33:00 - 11/09 17:43:00	Track ( -160.3, 36.9) @ 11/09 13:30:00	ALMA coordination
11/09 18:19:30 - 11/10 01:59:54	Fixed ( 815.0, -498.0)	AR 12750 obs.
11/10 02:03:00 - 11/10 06:03:00	Fixed ( 0.0, 0.0)	HOP 349 + synoptic
11/10 06:13:00 - 11/10 17:53:54	Fixed ( 815.0, -498.0)	AR 12750 obs.
11/10 18:07:00 - 11/11 01:59:54	Fixed ( 815.0, -498.0)	AR 12750 obs.
11/11 02:03:00 - 11/11 06:03:00	Fixed ( 0.0, 0.0)	HOP 349 + synoptic
11/11 06:13:00 - 11/11 10:54:54	Track ( -22.0, -0.1) @ 11/11 06:10:00	Spectral atlas and Sensitivity monitoring at QS
11/11 19:43:00 - 11/12 01:59:54	Track ( 25.2, -132.5) @ 11/11 19:40:00	QS network and coronal BP obs.
11/12 02:03:00 - 11/12 05:41:00	Fixed ( 0.0, 0.0)	HOP 349 + synoptic
11/12 06:19:00 - 11/12 09:11:00	Fixed ( -22.0, -939.0)	South Polar CH obs.

### PROG= 13 30-time(s)

<b>Subr= 1 20-time(s) 2.0sec</b>												
<b>Seqn= 11 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Seqn=100 1-time(s) 10.0sec</b>												
thin-Be/Open	med-Be/Open	close	Safe	Norm	125ms	Obs	1x1	384x384 (1024, 1024)	Q=95	2	0	2.0sec
med-Be/Open	Open/thick-Al	close	Safe	Norm	250ms	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
Open/thick-Al	Open/thick-Be	close	Safe	Norm	1.00s	Obs	1x1	384x384 (1024, 1024)	Q=95	3	0	2.0sec
<b>Subr= 2 1-time(s) 2.0sec</b>												
<b>Seqn= 10 1-time(s) 2.0sec</b>												
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
<b>Seqn= 11 1-time(s) 2.0sec</b>												
Al-poly/Open	Al-poly/thick-Al	close	Safe	Norm	125ms	Obs	2x2	512x512 (1024, 1024)	Q=95	2	0	2.0sec
<b>Seqn= 87 1-time(s) 2.0sec</b>												
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

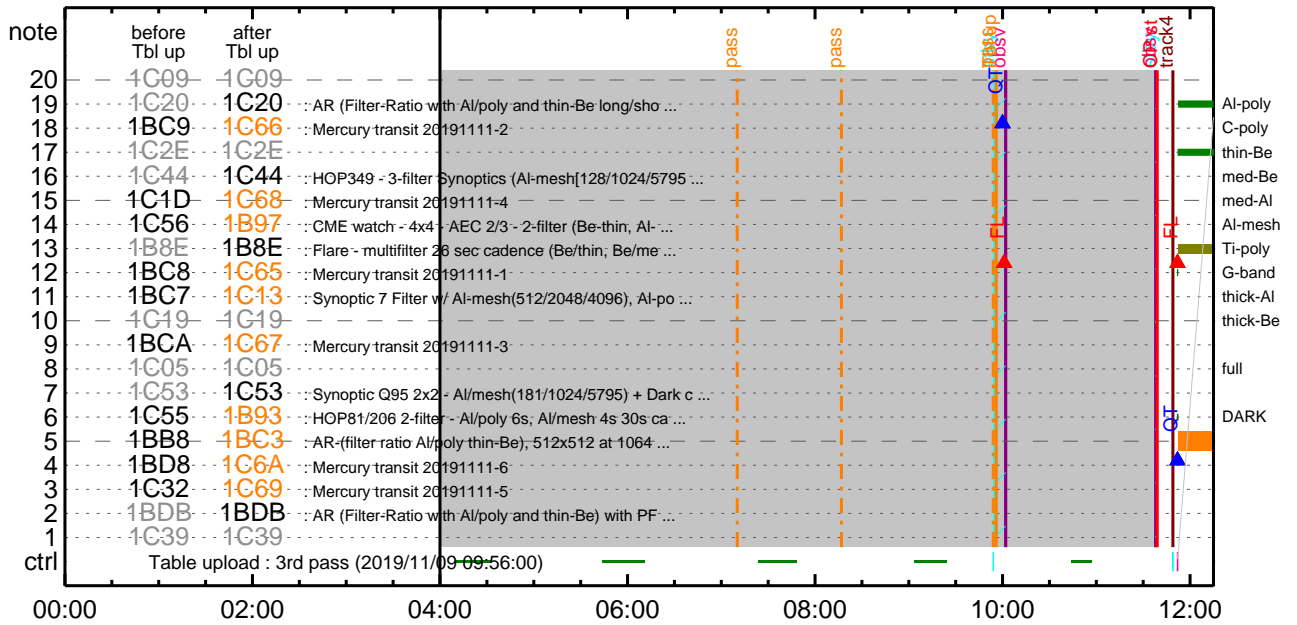
\* \* \* \* \*

Term	Pointing (x, y)	Comment
11/09 18:16:48 - 11/10 06:03:24	Fixed ( 815.0, -498.0)	AR 12750 obs.
11/10 06:10:18 - 11/10 17:58:18	Fixed ( 815.0, -498.0)	AR 12750 obs.
11/10 18:04:18 - 11/11 06:03:24	Fixed ( 815.0, -498.0)	AR 12750 obs.
11/11 06:10:18 - 11/11 10:55:18	Track ( -22.0, -0.1) @ 11/11 06:10:00	Spectral atlas and Sensitivity monitoring at QS
11/11 19:40:18 - 11/12 05:41:24	Track ( 25.2, -132.5) @ 11/11 19:40:00	QS network and coronal BP obs.
11/12 06:10:18 - 11/14 10:47:00	Fixed ( -22.0, -939.0)	South Polar CH obs.

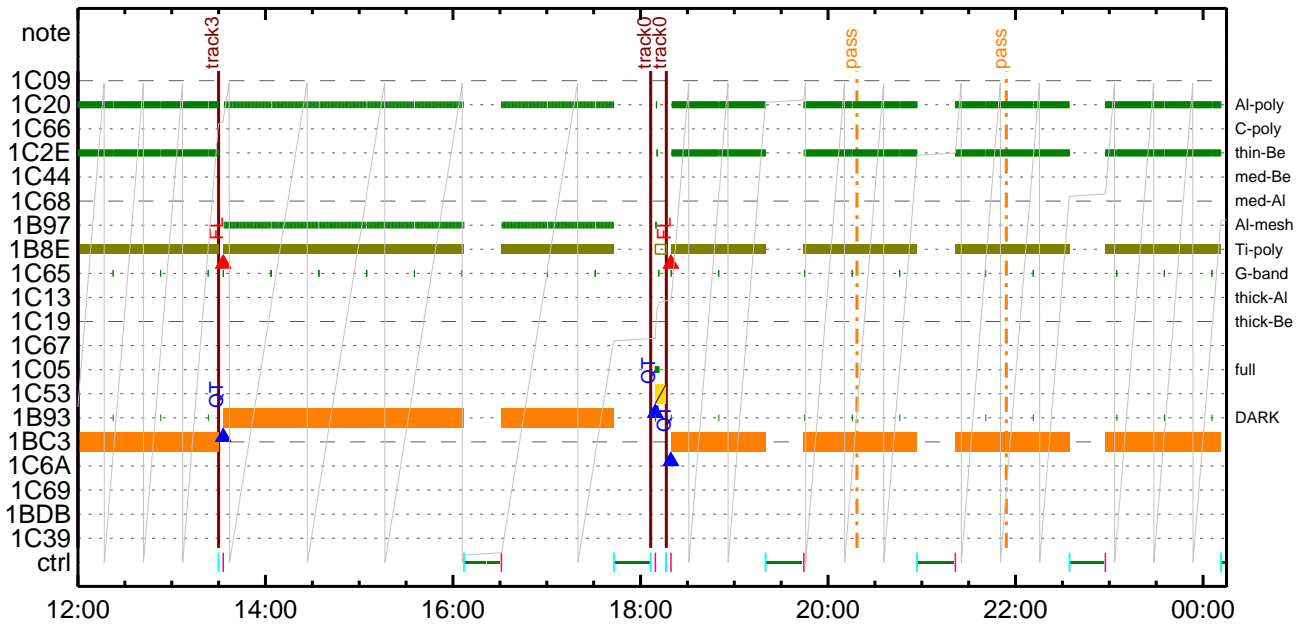
### FLD Patrol

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

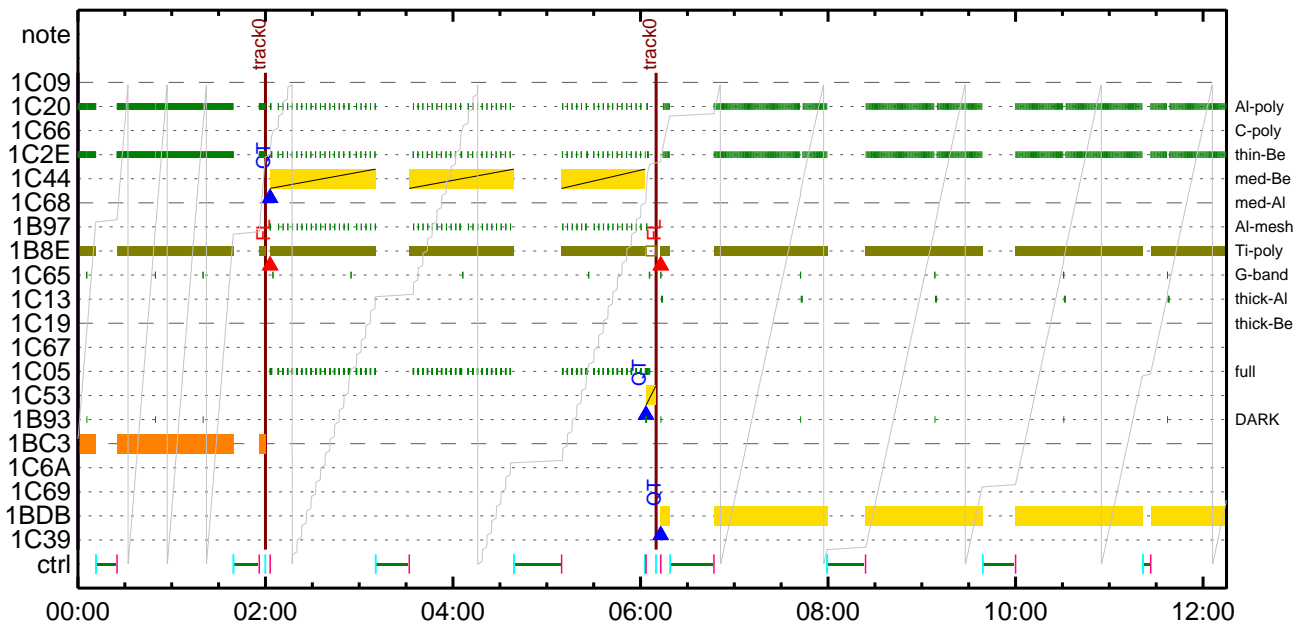
### CMDI #0584 2019/11/09



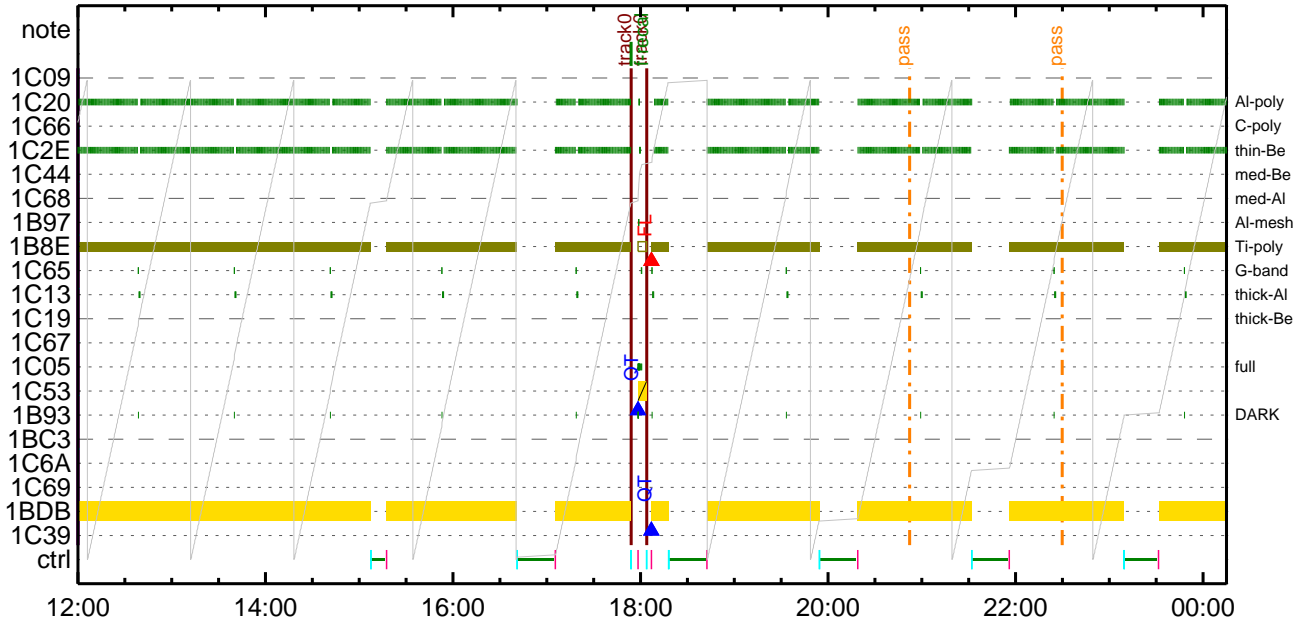
### CMDI #0584 2019/11/09



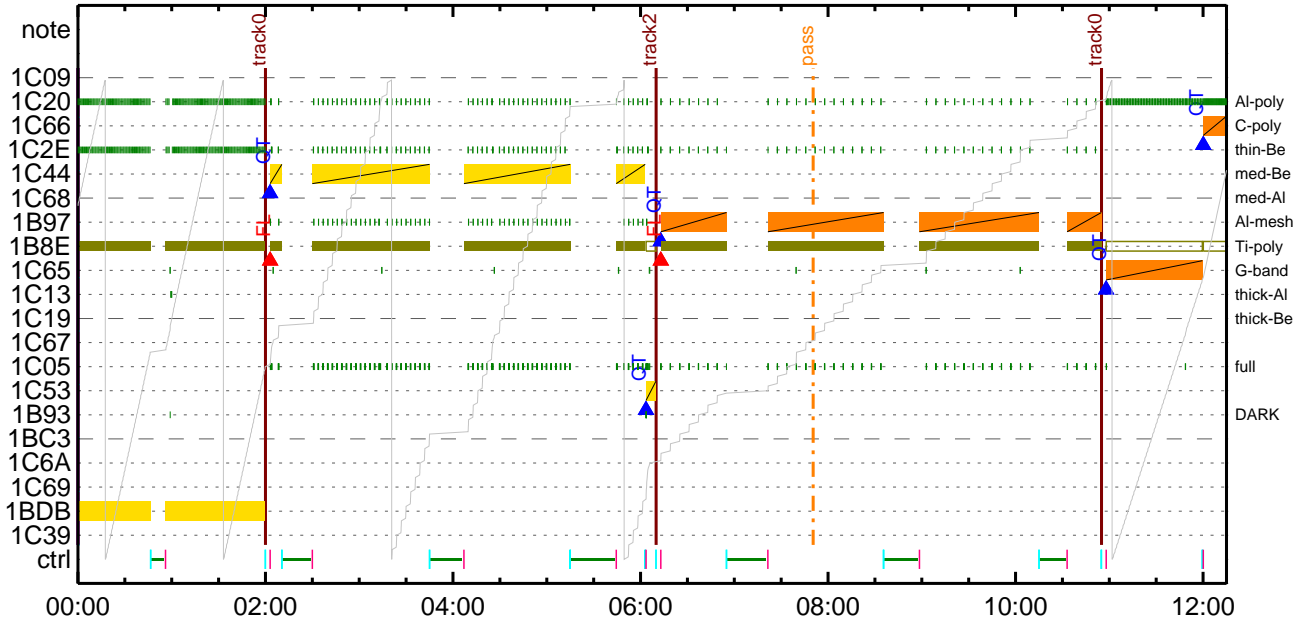
### CMDI #0584 2019/11/10



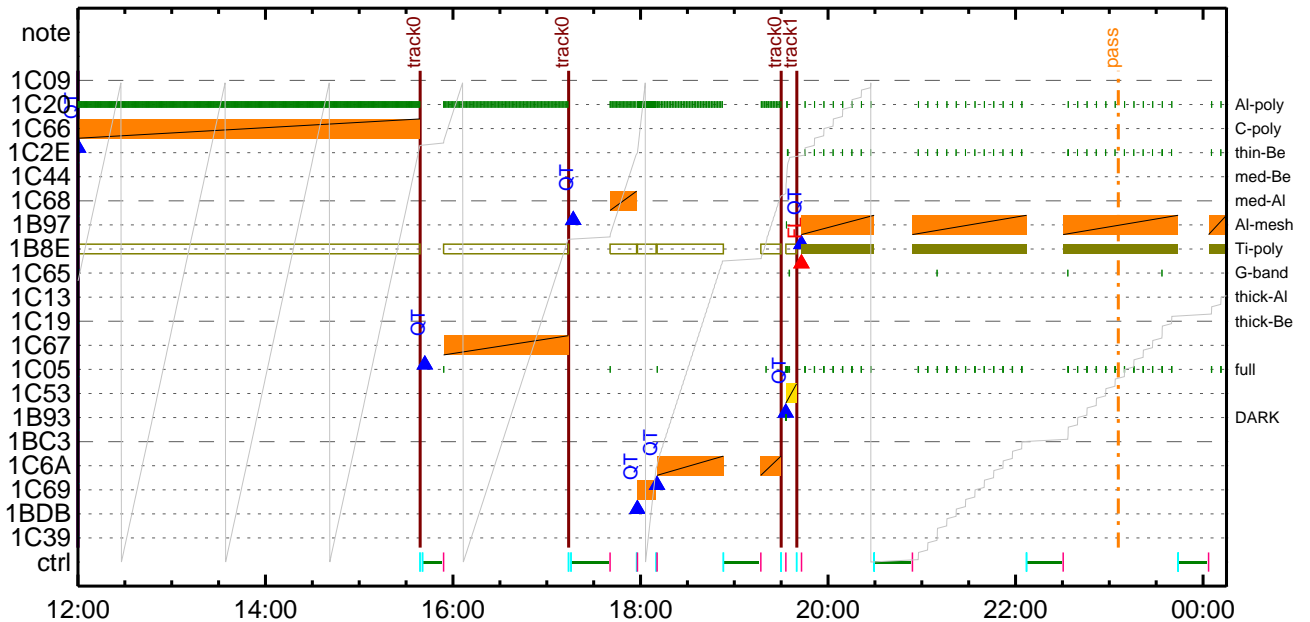
CMDI #0584 2019/11/10



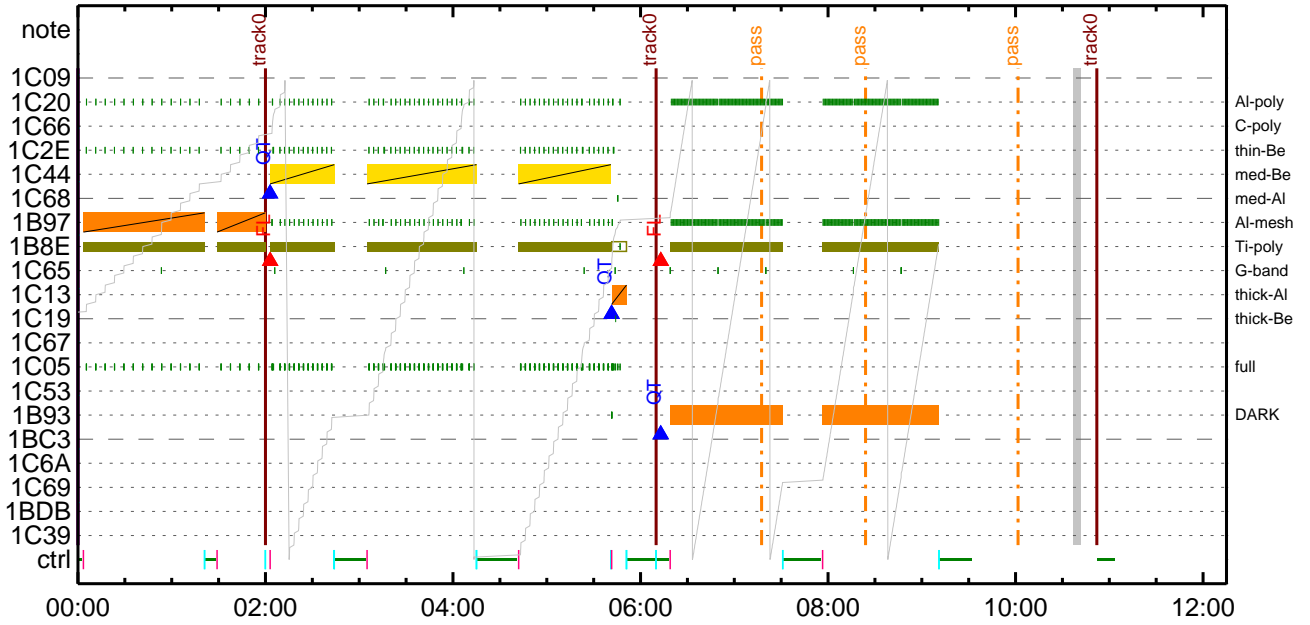
CMDI #0584 2019/11/11



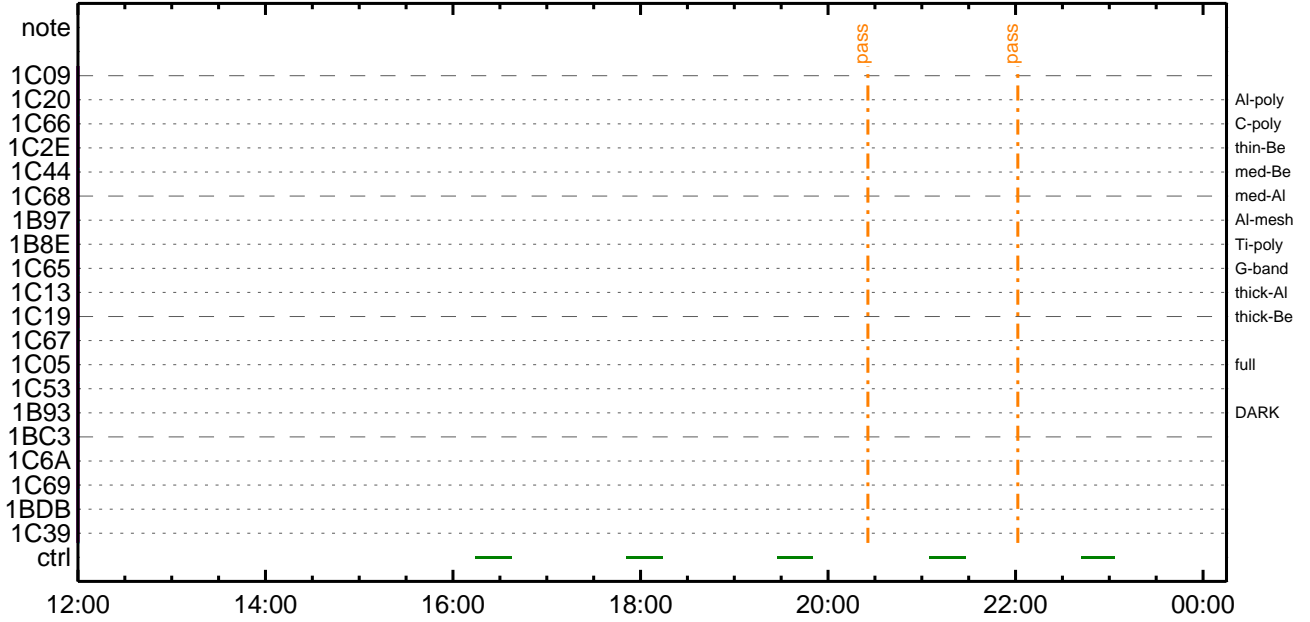
CMDI #0584 2019/11/11



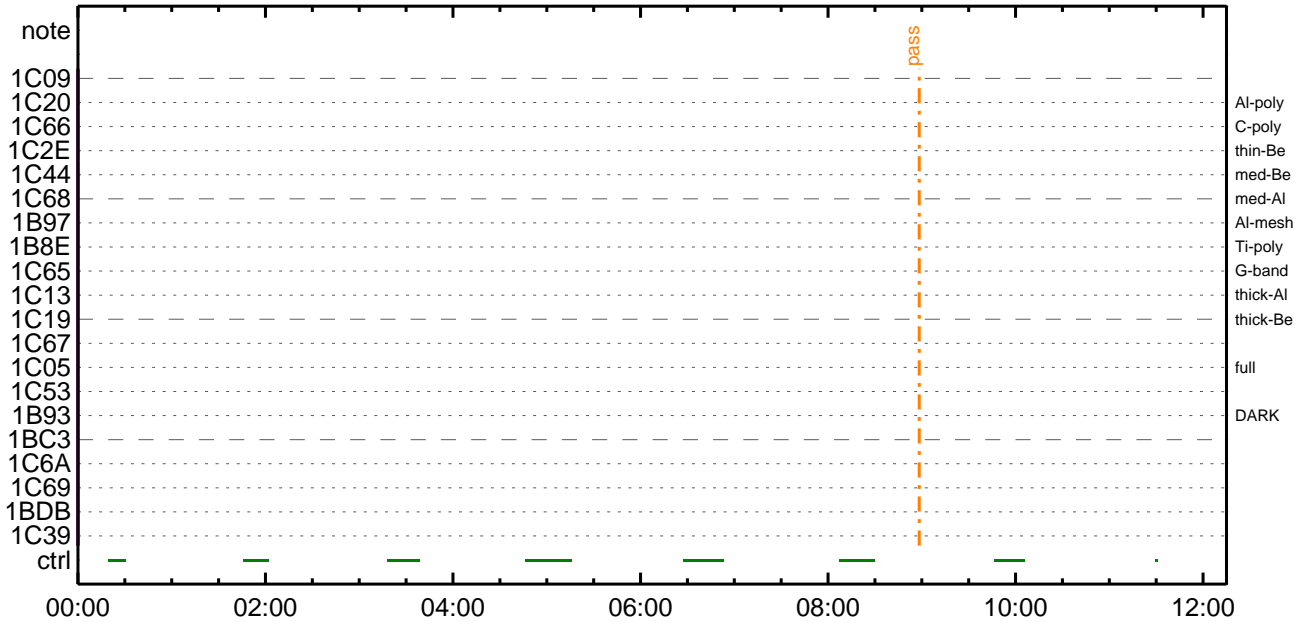
CMDI #0584 2019/11/12



CMDI #0584 2019/11/12

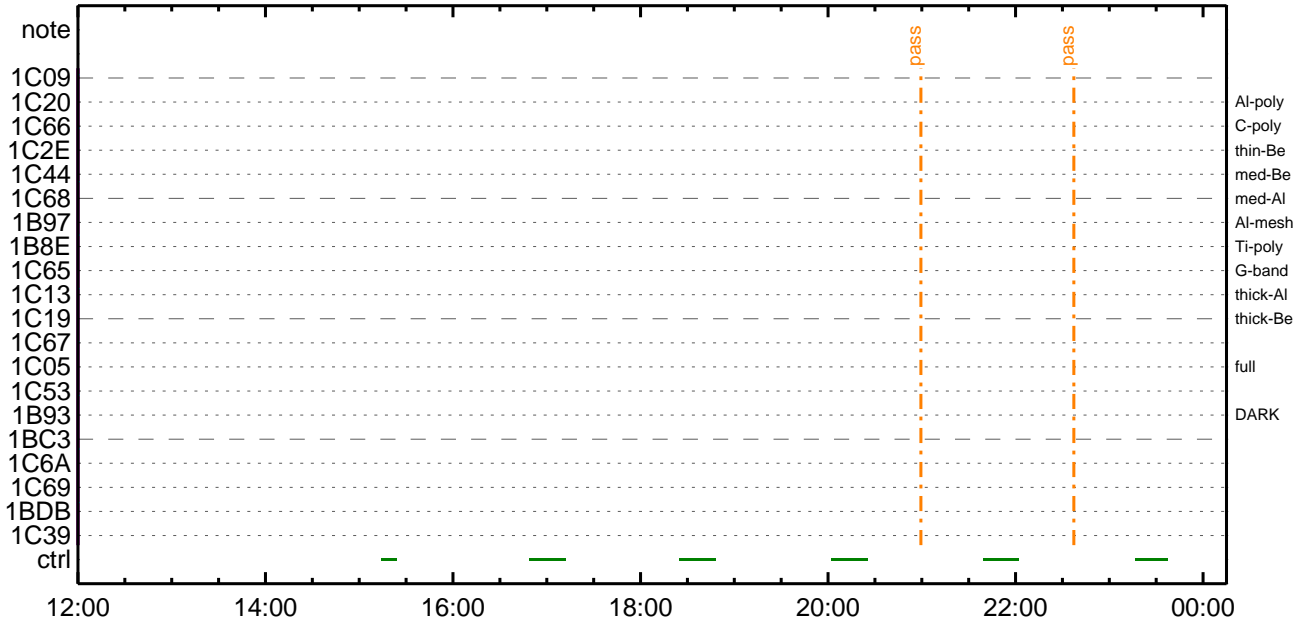


CMDI #0584 2019/11/13

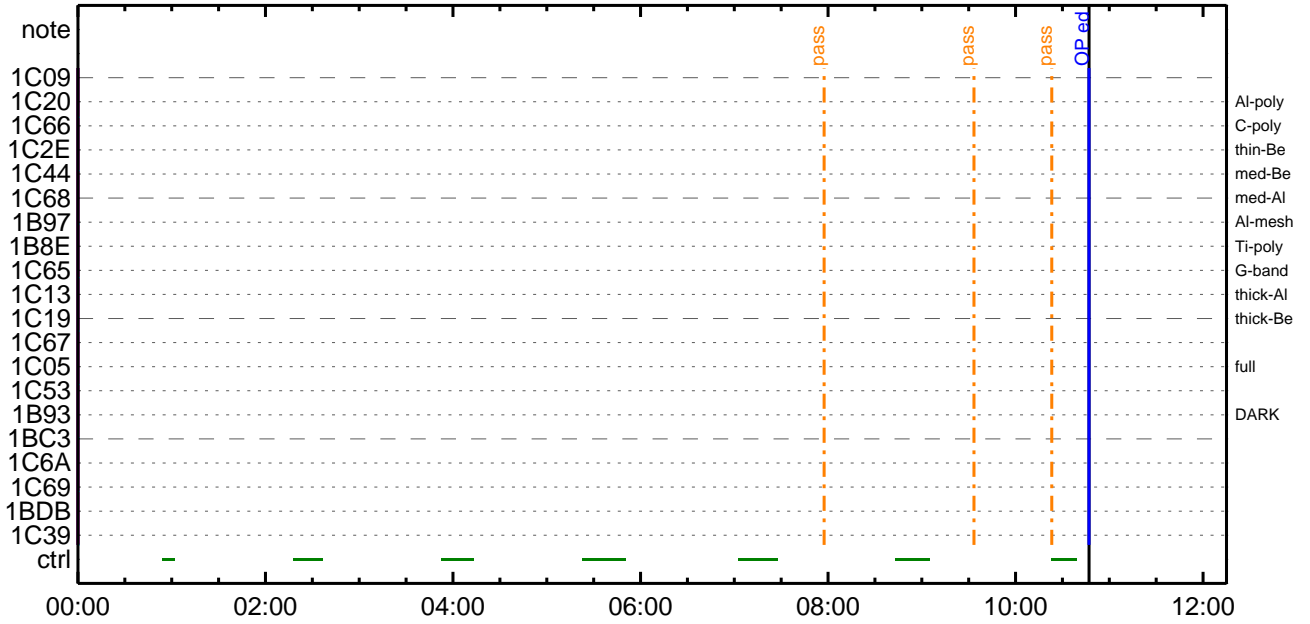




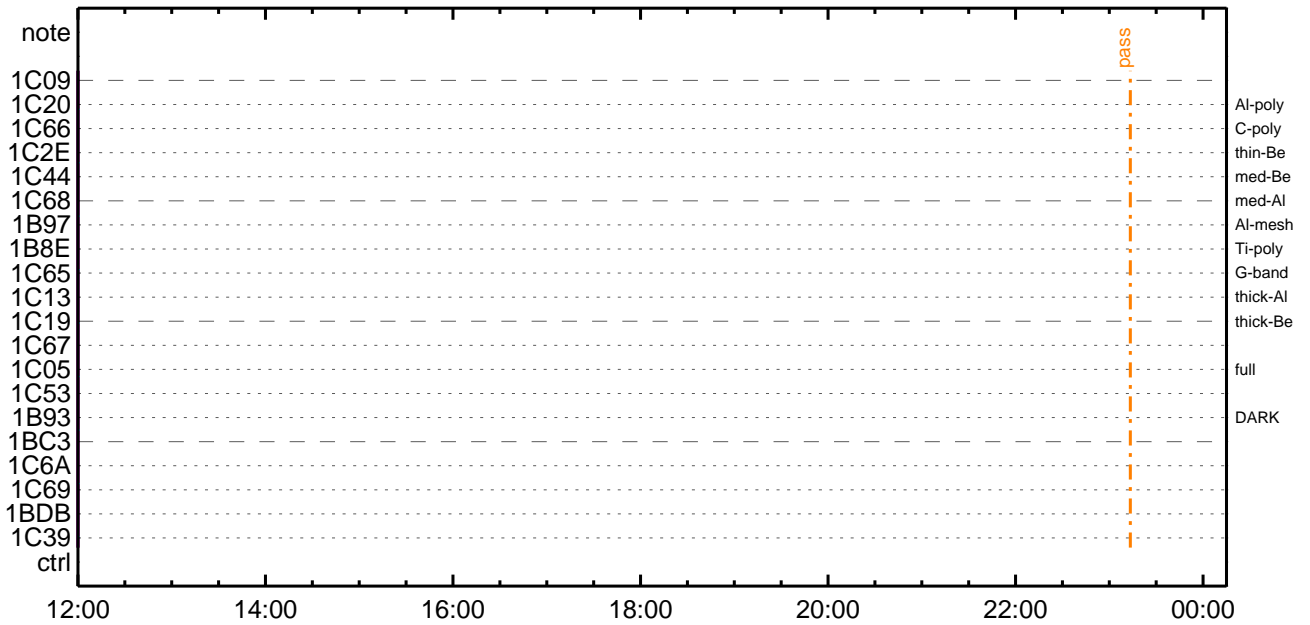
CMDI #0584 2019/11/13



CMDI #0584 2019/11/14



CMDI #0584 2019/11/14







```
0194 (MDP_known_event)
0195 C.
0196 C.
0197 . C. ***** ¥ÐŸ!•İ Daily±;İÑøĒ'Øσ¹αēDCBC•x²è *****
0198 . S. DC-BC dcbc-153:DCBC
0199 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0200 C.
0201 C.
0202 . C. ;ãLOS¥Á¥S¥Ã¥~¼Â»Ü;ã
0203 C.
0204 . C. ***** LOS *****
0205 C.
```







```

0096 C.
0097 C.
0098 . C. *****
0099 C. SOT table upload
0100 C. *****
0101 . C. < Stop SP table >
0102 +. DC 07-F0 MDP_SP_CTRL_MANU
0103 BC (61)
0104 C. -----
0105 C. MDP_SP_CTRL_MODE = MANU [ ]
0106 C. -----
0107 C.
0108 . C. <Upload SP Observation Table>
0109 . S. RAM ram-289:MDP_OBS_S
0110 ( )
0111 C.
0112 . C. < Dump RAMID=MDP_OBS_S >
0113 +. DC 07-F0 MDP_DUMP_SPTBL
0114 BC (83 07 00 00 00 38 b8)
0115 C. -----
0116 C. MDP_OBS_S verify = OK/NG [ ]
0117 C. -----
0118 C.
0119 C. *****
0120 C. SOT TI command set
0121 C. *****
0122 C. Execute, after the success of TBL upload.
0123 +. TI 2019-11-09 11:38:18.0
0124 DC 07-F0 MDP_SOT_MODE_OBSV
0125 BC (40)
0126 . C. -----
0127 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0128 C. -----
0129 C.
0130 C.
0131 C. ***** XRT START *****
0132 C.
0133 +. DC 07-F0 MDP_XRT_CTRL_MANU
0134 BC (c1)
0135 + DC 07-F0 MDP_XRT_MODE_STBY
0136 BC (c3)
0137 . C. ----- Success Verify ? OK / NG____
0138 C.
0139 C. XRT Obs. Table Upload
0140 . S. RAM ram-291:MDP_OBS_X
0141 ( )
0142 C.
0143 +. DC 07-F0 MDP_DUMP_XRTTBL
0144 BC (84 07 00 00 00 3a d4)
0145 . C. ----- Comparison Check ? OK / ERR ____
0146 C.
0147 C.
0148 +. DC 07-F0 MDP_XRT_ROI_SET
0149 BC (cd 01 b1 b1 04 04)
0150 + DC 07-F0 MDP_XRT_ROI_SET
0151 BC (cd 02 b1 b1 08 08)
0152 + DC 07-F0 MDP_XRT_ROI_SET
0153 BC (cd 03 b1 b1 08 08)
0154 + DC 07-F0 MDP_XRT_ROI_SET
0155 BC (cd 04 b1 b1 06 06)
0156 + DC 07-F0 MDP_XRT_ROI_SET
0157 BC (cd 05 85 83 06 06)
0158 + DC 07-F0 MDP_XRT_ROI_SET
0159 BC (cd 06 85 83 06 06)
0160 + DC 07-F0 MDP_XRT_ROI_SET
0161 BC (cd 07 85 83 08 08)
0162 + DC 07-F0 MDP_XRT_ROI_SET
0163 BC (cd 08 80 80 20 20)
0164 + DC 07-F0 MDP_XRT_ROI_SET
0165 BC (cd 09 80 80 20 08)
0166 + DC 07-F0 MDP_XRT_ROI_SET
0167 BC (cd 0a 80 80 08 20)
0168 + DC 07-F0 MDP_XRT_ROI_SET
0169 BC (cd 0b 80 80 08 08)
0170 + DC 07-F0 MDP_XRT_ROI_SET
0171 BC (cd 0c 30 80 0c 06)
0172 + DC 07-F0 MDP_XRT_ROI_SET
0173 BC (cd 0d 80 80 20 06)
0174 + DC 07-F0 MDP_XRT_ROI_SET
0175 BC (cd 0e be 80 10 06)
0176 + DC 07-F0 MDP_XRT_ROI_SET
0177 BC (cd 0f 80 80 06 06)
0178 + DC 07-F0 MDP_XRT_ROI_SET
0179 BC (cd 10 80 80 08 08)
0180 + DC 07-F0 MDP_XRT_FLD_ENA
0181 BC (d8)
0182 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0183 BC (c8)
0184 + DC 07-F0 MDP_XRT_ARS_DIS
0185 BC (d5)
0186 + DC 07-F0 MDP_XRT_AEC_RESET
0187 BC (d0)
0188 + DC 07-F0 MDP_XRT_FLD_RESET
0189 BC (da)
0190 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0191 BC (c4 13)
0192 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0193 BC (c5 0d)

```



0194 . C. ----- Success Verify ? OK / NG \_\_\_\_  
0195 C.  
0196 C.  
0197 . C. All OK? Yes--> Please Proceed. / No --> Stop here.  
0198 C.  
0199 +. DC 07-F0 MDP\_XRT\_MODE\_OBSV  
0200 BC (c2)  
0201 +. TI 2019-11-09 11:38:02.0  
0202 DC 07-F0 MDP\_XRT\_MODE\_OBSV  
0203 BC (c2)  
0204 . C. ----- Success Verify ? OK / NG \_\_\_\_  
0205 C.  
0206 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0207 C.  
0208 . C. \*\*\*\*\* MDP 'úÃîâî»ö¼ÝðËÂð¹ñèDCBC•x²è \*\*\*\*\*  
0209 C. (¼ã°îÿÓÿÄÿÈÿÞÿËÿÁÿçÿèñÈ¼ññ¼Ã»Û¹ñè)  
0210 . S. DC-BC dcbc-402:DCBC  
0211 (MDP\_known\_event)  
0212 C.  
0213 C.  
0214 . C. \*\*\*\*\* ÿÐÿ¹•Ï Daily±¿ÎÑñË'Øñ¹ñèDCBC•x²è \*\*\*\*\*  
0215 . S. DC-BC dcbc-153:DCBC  
0216 (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0217 C.  
0218 C.  
0219 . C. ;ãLOSÿÁÿ\$ÿÃÿ-¼Ã»Û;ã  
0220 C.  
0221 . C. \*\*\*\*\* LOS \*\*\*\*\*  
0222 C.

Nov 09, 19 12:48

XRT\_OGLIST\_0584.chk

Page 1/11

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

2019/11/09	11:48:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	11:48:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	11:48:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/11/09	11:49:00.0	AOCS_Ore-point_Start_1_OG [0x097]					
		AOCU_NM	5	02-76	04 00 00 00 00		
2019/11/09	11:49:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/11/09	11:49:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/11/09	11:49:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/11/09	11:49:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/11/09	11:49:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/11/09	11:51:56.0	XRT_QT_PROG_SET_422_OG [0x1a6]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 05		
2019/11/09	11:51:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/11/09	11:52:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/11/09	13:29:54.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	13:29:56.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	13:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]					
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00		
2019/11/09	13:30:00.0	AOCS_Ore-point_Start_2_OG [0x098]					
		AOCU_NM	5	02-76	03 03 74 01 f3		
2019/11/09	13:30:18.0	XRT_FLD_ENA_411_OG [0x19b]					
		MDP_XRT_FLD_ENA	1	07-F0	d8		
2019/11/09	13:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]					
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8		
2019/11/09	13:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]					
		MDP_XRT_AEC_RESET	1	07-F0	d0		
2019/11/09	13:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/11/09	13:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/11/09	13:32:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 06		
2019/11/09	13:32:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]					
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d		
2019/11/09	13:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/11/09	16:07:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	16:07:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	16:07:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/11/09	16:07:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/11/09	16:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/11/09	16:30:00.0	XRT_Custom_430_OG [0x1ae]					
2019/11/09	16:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/11/09	17:43:00.0	XRT_CTRL_MANU_400_OG [0x190]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	17:43:02.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	17:43:04.0	XRT_FLD_RESET_415_OG [0x19f]					
		MDP_XRT_FLD_RESET	1	07-F0	da		
2019/11/09	17:43:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]					
		MDP_XRT_PREFLR_STRT	1	07-F0	e8		
2019/11/09	17:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]					
		MDP_XRT_PREFLR_STOP	1	07-F0	e9		
2019/11/09	18:06:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	18:06:26.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		
2019/11/09	18:06:28.0	XRT_FOCUS_POSITION_406_OG [0x196]					
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00		
2019/11/09	18:06:30.0	AOCS_Ore-point_Start_3_OG [0x099]					
		AOCU_NM	5	02-76	00 00 00 00 00		
2019/11/09	18:06:48.0	XRT_FLD_DIS_409_OG [0x199]					
		MDP_XRT_FLD_DIS	1	07-F0	d9		
2019/11/09	18:06:50.0	XRT_FLRCTRL_DIS_413_OG [0x19d]					
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9		
2019/11/09	18:06:52.0	XRT_ARS_DIS_443_OG [0x1bb]					
		MDP_XRT_ARS_DIS	1	07-F0	d5		
2019/11/09	18:09:28.0	XRT_QT_PROG_SET_446_OG [0x1be]					
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07		
2019/11/09	18:09:30.0	XRT_CTRL_AUTO_408_OG [0x198]					
		MDP_XRT_CTRL_AUTO	1	07-F0	c0		
2019/11/09	18:16:24.0	XRT_CTRL_MANU_402_OG [0x192]					
		MDP_XRT_CTRL_MANU	1	07-F0	c1		

Nov 09, 19 12:48

## XRT\_OGLIST\_0584.chk

Page 2/11

2019/11/09	18:16:26.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/09	18:16:28.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/11/09	18:16:30.0	AOCS_ORe-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 2c 41 b7 8e
2019/11/09	18:16:48.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2019/11/09	18:16:50.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/11/09	18:16:52.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2019/11/09	18:16:54.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2019/11/09	18:16:56.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/09	18:19:26.0	XRT_QT_PROG_SET_422_OG [0x1a6] MDP_XRT_QT_PROG_SET	2	07-F0	c4 05
2019/11/09	18:19:28.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/11/09	18:19:30.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/09	19:20:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/09	19:20:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/09	19:20:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/09	19:20:06.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/09	19:23:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/09	19:43:30.0	XRT_Custom_430_OG [0x1ae]			
2019/11/09	19:44:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/09	20:57:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/09	20:57:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/09	20:57:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/09	20:57:06.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/09	21:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/09	21:20:30.0	XRT_Custom_430_OG [0x1ae]			
2019/11/09	21:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/09	22:34:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/09	22:34:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/09	22:34:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/09	22:34:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/09	22:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/09	22:56:30.0	XRT_Custom_430_OG [0x1ae]			
2019/11/09	22:57:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	00:11:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	00:11:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	00:11:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	00:11:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	00:14:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	00:24:00.0	XRT_Custom_430_OG [0x1ae]			
2019/11/10	00:25:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	01:39:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	01:39:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	01:39:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	01:39:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	01:42:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	01:55:00.0	XRT_Custom_430_OG [0x1ae]			
2019/11/10	01:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00



2019/11/10	06:46:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	06:47:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/11/10	07:59:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	07:59:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	07:59:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	07:59:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	08:02:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	08:23:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	08:24:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/11/10	09:39:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	09:39:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	09:39:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	09:39:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	09:42:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	09:59:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	10:00:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/11/10	11:21:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	11:21:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	11:21:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	11:21:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	11:24:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	11:25:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	11:26:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/11/10	15:07:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	15:07:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	15:07:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	15:07:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	15:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	15:16:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	15:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/11/10	16:41:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	16:41:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	16:41:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	16:41:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	16:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	17:04:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	17:05:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]				
2019/11/10	17:53:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	17:53:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	17:53:58.0	XRT_FOCUS_RECALIBRATE_403_OG [0x193]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	17:54:00.0	AOCS_Ore-point_Start_3_OG [0x099]	XRT_FOCUS_RECAL	2	07-F8	78 00
2019/11/10	17:57:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	AOCU_NM	5	02-76	00 00 00 00 00
2019/11/10	17:58:18.0	XRT_FLD_DIS_409_OG [0x199]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/11/10	17:58:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9
2019/11/10	17:58:22.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/11/10	17:58:24.0	XRT_QT_PROG_SET_446_OG [0x1be]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/11/10	17:58:26.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2019/11/10	18:03:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	18:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	18:03:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1

2019/11/10	18:03:58.0	XRT_FOCUS_POSITION_410_OG [0x19a] XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/11/10	18:04:00.0	AOCs_OrE-point_Start_4_OG [0x09a] AOCU_NM	5	02-76	00 2c 41 b7 8e
2019/11/10	18:04:18.0	XRT_FLD_ENA_411_OG [0x19b] MDP_XRT_FLD_ENA	1	07-F0	d8
2019/11/10	18:04:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c] MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/11/10	18:04:22.0	XRT_AEC_RESET_448_OG [0x1c0] MDP_XRT_AEC_RESET	1	07-F0	d0
2019/11/10	18:04:24.0	XRT_ARS_DIS_423_OG [0x1a7] MDP_XRT_ARS_DIS	1	07-F0	d5
2019/11/10	18:04:26.0	XRT_FLD_RESET_434_OG [0x1b2] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	18:06:56.0	XRT_QT_PROG_SET_404_OG [0x194] MDP_XRT_QT_PROG_SET	2	07-F0	c4 02
2019/11/10	18:06:58.0	XRT_FL_PROG_SET_440_OG [0x1b8] MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/11/10	18:07:00.0	XRT_CTRL_AUTO_408_OG [0x198] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	18:18:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	18:18:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	18:18:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	18:18:06.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	18:21:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	18:41:30.0	XRT_Custom_430_OG [0x1ae]			
2019/11/10	18:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	19:54:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	19:54:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	19:54:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	19:54:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	19:57:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	20:18:00.0	XRT_Custom_430_OG [0x1ae]			
2019/11/10	20:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	21:32:00.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	21:32:02.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	21:32:04.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	21:32:06.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	21:35:14.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	21:55:00.0	XRT_Custom_430_OG [0x1ae]			
2019/11/10	21:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/10	23:09:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	23:09:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/10	23:09:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/10	23:09:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/10	23:12:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/10	23:30:30.0	XRT_Custom_430_OG [0x1ae]			
2019/11/10	23:31:30.5	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/11	00:46:30.0	XRT_CTRL_MANU_400_OG [0x190] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	00:46:32.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	00:46:34.0	XRT_FLD_RESET_415_OG [0x19f] MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/11	00:46:36.0	XRT_PREFLR_STRT_435_OG [0x1b3] MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/11	00:49:44.0	XRT_PREFLR_STOP_419_OG [0x1a3] MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/11	00:55:00.0	XRT_Custom_430_OG [0x1ae]			
2019/11/11	00:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8] MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/11	01:59:54.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	01:59:56.0	XRT_CTRL_MANU_402_OG [0x192] MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	01:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196] XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/11/11	02:00:00.0	AOCs_OrE-point_Start_3_OG [0x099] AOCU_NM	5	02-76	00 00 00 00 00

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Page 6/11

2019/11/11	02:00:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2019/11/11	02:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/11/11	02:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2019/11/11	02:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/11/11	02:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/11	02:02:56.0	XRT_QT_PROG_SET_425_OG [0x1a9]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 10
2019/11/11	02:02:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/11/11	02:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/11	02:10:30.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	02:10:32.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	02:10:34.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/11	02:10:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/11	02:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/11	02:29:00.0	XRT_Custom_430_OG [0x1ae]			
2019/11/11	02:30:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/11	03:45:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	03:45:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	03:45:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/11	03:45:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/11	03:48:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/11	04:06:00.0	XRT_Custom_430_OG [0x1ae]			
2019/11/11	04:07:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/11	05:15:00.0	XRT_CTRL_MANU_400_OG [0x190]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	05:15:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	05:15:04.0	XRT_FLD_RESET_415_OG [0x19f]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/11	05:15:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]			
		MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/11	05:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]			
		MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/11	05:43:30.0	XRT_Custom_430_OG [0x1ae]			
2019/11/11	05:44:30.5	XRT_CTRL_AUTO_424_OG [0x1a8]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/11	06:03:00.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	06:03:02.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	06:03:04.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/11/11	06:03:24.0	XRT_FLD_DIS_409_OG [0x199]			
		MDP_XRT_FLD_DIS	1	07-F0	d9
2019/11/11	06:03:26.0	XRT_FLRCTRL_DIS_413_OG [0x19d]			
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9
2019/11/11	06:03:28.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/11/11	06:03:30.0	XRT_QT_PROG_SET_446_OG [0x1be]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07
2019/11/11	06:03:32.0	XRT_CTRL_AUTO_408_OG [0x198]			
		MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/11	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]			
		MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/11	06:09:58.0	XRT_FOCUS_POSITION_406_OG [0x196]			
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00
2019/11/11	06:10:00.0	AOCS_Ore-point_Start_5_OG [0x09b]			
		AOCU_NM	5	02-76	02 00 00 00 00
2019/11/11	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]			
		MDP_XRT_FLD_ENA	1	07-F0	d8
2019/11/11	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]			
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/11/11	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]			
		MDP_XRT_AEC_RESET	1	07-F0	d0
2019/11/11	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]			
		MDP_XRT_ARS_DIS	1	07-F0	d5
2019/11/11	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]			
		MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/11	06:12:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]			
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e
2019/11/11	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]			
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d

2019/11/11	06:13:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	06:55:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	06:55:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	06:55:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/11/11	06:55:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/11/11	06:58:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/11/11	07:20:30.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	07:21:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	08:35:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	08:35:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	08:35:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/11/11	08:35:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/11/11	08:38:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/11/11	08:57:30.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	08:58:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	10:15:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	10:15:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	10:15:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/11/11	10:15:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/11/11	10:18:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/11/11	10:32:00.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	10:33:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	10:54:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	10:54:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	10:54:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/11/11	10:55:00.0	AOCS_Ore-point_Start_6_OG [0x09c]							
		AOCU_NM	5	02-76	00 fa 67 36 7e				
2019/11/11	10:55:18.0	XRT_FLD_DIS_439_OG [0x1b7]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/11/11	10:57:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/11/11	10:57:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/11/11	10:57:58.0	XRT_QT_PROG_SET_405_OG [0x195]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0c				
2019/11/11	10:58:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	11:59:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	11:59:34.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	11:59:36.0	XRT_ROI_A_401_OG [0x191]							
		MDP_XRT_ROI_SET	6	07-F0	cd 06 85 83 06 06				
		MDP_XRT_ROI_SET	6	07-F0	cd 07 85 83 08 08				
		MDP_XRT_ROI_SET	6	07-F0	cd 08 80 80 20 20				
		MDP_XRT_ROI_SET	6	07-F0	cd 09 80 80 20 08				
		MDP_XRT_ROI_SET	6	07-F0	cd 0a 80 80 08 20				
		MDP_XRT_ROI_SET	6	07-F0	cd 0b 80 80 08 08				
		MDP_XRT_ROI_SET	6	07-F0	cd 0c d0 80 0c 06				
		MDP_XRT_ROI_SET	6	07-F0	cd 0d 80 80 20 06				
2019/11/11	11:59:36.5	XRT_ROI_B_414_OG [0x19e]							
		MDP_XRT_ROI_SET	6	07-F0	cd 0d 80 80 20 06				
		MDP_XRT_ROI_SET	6	07-F0	cd 0e be 80 10 06				
		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				
2019/11/11	11:59:41.5	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/11/11	12:00:01.5	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/11/11	12:00:03.5	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/11/11	12:00:05.5	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/11/11	12:00:07.5	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 12				
2019/11/11	12:00:09.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	15:38:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	15:38:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				



2019/11/11	15:38:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/11/11	15:39:00.0	AOCs_OrE-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00	00	00	00
2019/11/11	15:39:18.0	XRT_FLD_DIS_439_OG [0x1b7]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/11/11	15:40:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	15:40:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	15:40:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/11/11	15:40:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/11/11	15:41:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/11/11	15:41:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/11/11	15:41:58.0	XRT_QT_PROG_SET_449_OG [0x1c1]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	09		
2019/11/11	15:43:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/11/11	15:53:00.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	15:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/11/11	17:13:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	17:13:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	17:13:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/11/11	17:14:00.0	AOCs_OrE-point_Start_7_OG [0x09d]	AOCU_NM	5	02-76	00	f6	c1	ab
2019/11/11	17:14:18.0	XRT_FLD_DIS_439_OG [0x1b7]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/11/11	17:15:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	17:15:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	17:15:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da			
2019/11/11	17:15:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2019/11/11	17:16:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/11/11	17:16:56.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/11/11	17:16:58.0	XRT_QT_PROG_SET_421_OG [0x1a5]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	0f		
2019/11/11	17:18:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2019/11/11	17:39:30.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	17:40:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/11/11	17:57:30.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	17:57:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	17:57:34.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00
2019/11/11	17:57:54.0	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/11/11	17:57:56.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2019/11/11	17:57:58.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5			
2019/11/11	17:58:00.0	XRT_QT_PROG_SET_418_OG [0x1a2]	MDP_XRT_QT_PROG_SET	2	07-F0	c4	03		
2019/11/11	17:58:02.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2019/11/11	18:10:00.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	18:10:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1			
2019/11/11	18:10:04.0	XRT_ROI_A_427_OG [0x1ab]	MDP_XRT_ROI_SET	6	07-F0	cd	06	85	83
			MDP_XRT_ROI_SET	6	07-F0	cd	07	85	83
			MDP_XRT_ROI_SET	6	07-F0	cd	08	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	09	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	0a	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	0b	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	0d	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	0e	be	80
2019/11/11	18:10:04.5	XRT_ROI_B_429_OG [0x1ad]	MDP_XRT_ROI_SET	6	07-F0	cd	0e	be	80
			MDP_XRT_ROI_SET	6	07-F0	cd	0f	80	80
			MDP_XRT_ROI_SET	6	07-F0	cd	10	80	80
2019/11/11	18:10:09.5	XRT_FOCUS_POSITION_406_OG [0x196]	XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00
2019/11/11	18:10:29.5	XRT_FLD_DIS_409_OG [0x199]	MDP_XRT_FLD_DIS	1	07-F0	d9			
2019/11/11	18:10:31.5	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			

Nov 09, 19 12:48

## XRT\_OGLIST\_0584.chk

Page 9/11

2019/11/11	18:10:33.5	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/11/11	18:10:35.5	XRT_QT_PROG_SET_420_OG [0x1a4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 04				
2019/11/11	18:10:37.5	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	18:53:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	18:53:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	18:53:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/11/11	18:53:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/11/11	18:56:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/11/11	19:16:00.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	19:17:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	19:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	19:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	19:29:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/11/11	19:30:00.0	AOCS_Or-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2019/11/11	19:30:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2019/11/11	19:30:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2019/11/11	19:30:22.0	XRT_ARS_DIS_443_OG [0x1bb]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/11/11	19:32:58.0	XRT_QT_PROG_SET_446_OG [0x1be]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 07				
2019/11/11	19:33:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	19:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	19:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	19:39:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2019/11/11	19:40:00.0	AOCS_Or-point_Start_8_OG [0x09e]							
		AOCU_NM	5	02-76	01 03 74 01 f3				
2019/11/11	19:40:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2019/11/11	19:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2019/11/11	19:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2019/11/11	19:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2019/11/11	19:40:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/11/11	19:42:56.0	XRT_QT_PROG_SET_436_OG [0x1b4]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0e				
2019/11/11	19:42:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d				
2019/11/11	19:43:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	20:29:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	20:29:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	20:29:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/11/11	20:29:36.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/11/11	20:32:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/11/11	20:53:00.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	20:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	22:07:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	22:07:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	22:07:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2019/11/11	22:07:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2019/11/11	22:10:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2019/11/11	22:29:30.0	XRT_Custom_430_OG [0x1ae]							
2019/11/11	22:30:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2019/11/11	23:44:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	23:44:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2019/11/11	23:44:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				



Nov 09, 19 12:48

## XRT\_OGLIST\_0584.chk

Page 11/11

2019/11/12	05:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
			MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/12	06:09:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/12	06:09:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/12	06:09:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00
2019/11/12	06:10:00.0	AOCS_ORe-point_Start_9_OG [0x09f]	AOCU_NM	5	02-76	00 53 74 01 f3
2019/11/12	06:10:18.0	XRT_FLD_ENA_411_OG [0x19b]	MDP_XRT_FLD_ENA	1	07-F0	d8
2019/11/12	06:10:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]	MDP_XRT_FLRCTRL_ENA	1	07-F0	c8
2019/11/12	06:10:22.0	XRT_AEC_RESET_448_OG [0x1c0]	MDP_XRT_AEC_RESET	1	07-F0	d0
2019/11/12	06:10:24.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_ARS_DIS	1	07-F0	d5
2019/11/12	06:10:26.0	XRT_FLD_RESET_434_OG [0x1b2]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/12	06:12:56.0	XRT_QT_PROG_SET_432_OG [0x1b0]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 06
2019/11/12	06:12:58.0	XRT_FL_PROG_SET_440_OG [0x1b8]	MDP_XRT_FL_PROG_SET	2	07-F0	c5 0d
2019/11/12	06:18:00.0	XRT_Custom_430_OG [0x1ae]				
2019/11/12	06:19:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/12	07:31:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/12	07:31:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/12	07:31:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/12	07:31:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/12	07:34:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/12	07:55:30.0	XRT_Custom_430_OG [0x1ae]				
2019/11/12	07:56:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]	MDP_XRT_CTRL_AUTO	1	07-F0	c0
2019/11/12	09:11:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/12	09:11:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1
2019/11/12	09:11:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_FLD_RESET	1	07-F0	da
2019/11/12	09:11:06.0	XRT_PREFLR_STRT_435_OG [0x1b3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8
2019/11/12	09:14:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STOP	1	07-F0	e9
2019/11/12	10:52:00.5	AOCS_ORe-point_Start_3_OG [0x099]	AOCU_NM	5	02-76	00 00 00 00 00