

# XRT Timeline to be uploaded on 2023/05/11

Period: 2023/05/11 11:01:00 - 2023/05/16 11:16:00

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Normal mode

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XOB #1CD7: 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										
05/11 11:24:30 - 05/11 17:14:54	Track ( 739.4, 213.9) <sup>Ⓢ 05/11 11:11:00</sup>	# OP start + 10min AR13296										
05/11 18:06:00 - 05/12 03:59:54	Track ( 770.1, 211.0) <sup>Ⓢ 05/11 17:40:00</sup>	AR13296										
05/12 10:21:00 - 05/12 17:49:54	Track ( 833.6, 203.4) <sup>Ⓢ 05/12 10:00:00</sup>	AR13296										
05/12 18:40:00 - 05/12 22:59:00	Track ( 857.7, 199.5) <sup>Ⓢ 05/12 18:15:00</sup>	AR13296										
05/13 02:44:00 - 05/13 03:43:00	Track ( 876.3, 195.6) <sup>Ⓢ 05/13 02:30:00</sup>	AR13296										
<b>PROG= 19 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) 180.0sec												
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 #1CEE: Synoptic 8 Filter w/ Al-mesh(5/128/723), Al-poly(12/181/1443), Thin-Be(33/512/4096), Thick-Be(32768), Med-Al(512/8192/32768), Med-Be(128/576)												
Term	Pointing (x, y)	Comment										
05/11 17:18:00 - 05/11 17:26:30	Fixed ( 0.0, 0.0)	synoptic										
05/12 05:53:00 - 05/12 05:59:54	Fixed ( 0.0, 0.0)	HOP349 + synoptic										
05/12 17:53:00 - 05/12 18:01:00	Fixed ( 0.0, 0.0)	synoptic										
05/13 06:07:00 - 05/13 06:13:54	Fixed ( 0.0, 0.0)	HOP349 + synoptic										
<b>PROG= 03 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= 26 1-time(s) 2.0sec												
Open/Al-mesh Open/Al-mesh close Safe Norm 5ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Open/Al-mesh Open/Al-mesh close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Open/Al-mesh Open/Al-mesh close Safe Norm 707ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Seqn= 15 1-time(s) 2.0sec												
Al-poly/Open Al-poly/Open close Safe Norm 12ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Al-poly/Open Al-poly/Open close Safe Norm 177ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Al-poly/Open Al-poly/thick-Al close Safe Norm 1.41s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Seqn= 83 1-time(s) 2.0sec												
thin-Be/Open thin-Be/Open close Safe Norm 32ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
thin-Be/Open thin-Be/Open close Safe Norm 500ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
thin-Be/Open thin-Be/Open close Safe Norm 4.00s 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= 41 1-time(s) 2.0sec												
Open/thick-Be Open/thick-Be close Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
Seqn= 17 1-time(s) 2.0sec												
med-Al/Open med-Al/thick-Al close Safe Norm 250ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
med-Al/Open med-Al/thick-Al close Safe Norm 8.00s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
med-Al/Open med-Al/Open close Safe Norm 32.0s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Seqn= 33 1-time(s) 2.0sec												
med-Be/Open Open/thick-Al close Safe Norm 125ms Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
med-Be/Open med-Be/Open close Safe Norm 5.66s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
med-Be/Open med-Be/Open close Safe Norm 22.6s Obs 2x2 2048x2048 (1024, 1024) Q=95 0 0 2.0sec												
Seqn= 56 1-time(s) 2.0sec												
Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 63ms Obs 2x2 2048x2048 (1024, 1024) Q=98 0 0 2.0sec												
Al-poly/Ti-poly Al-poly/thick-Al close Safe Norm 2.00s 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 #1CF8: Stray light study 2023-01; Al-mesh and Al-poly, 2x2 full FOV(1min-cad) and 1x1 384 on AR(10sec-cad)												
Term		Pointing (x, y)			Comment							
05/11 17:29:00 - 05/11 17:39:54		Fixed ( 250.0, 0.0)			stray light measurement							
05/12 18:03:30 - 05/12 18:14:54		Fixed ( -250.0, 0.0)			Stray light measurement							
<b>PROG= 01 1-time(s)</b>												
Subr= 2 16-time(s) 2.0sec												
Seqn= 43 1-time(s) 10.0sec												
Open/Al-mesh		Open/thick-Al		close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)		Q=95 0 0 2.0sec
Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	384x384 (1024, 1024)		Q=95 0 0 2.0sec
Subr= 3 8-time(s) 2.0sec												
Seqn= 64 1-time(s) 2.0sec												
Open/Al-mesh		Open/Ti-poly		close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)		DPCM 0 0 2.0sec
Al-poly/Open		Al-poly/Open		close	Safe	Norm	2.00s	Obs	2x2	2048x2048 (1024, 1024)		DPCM 0 0 2.0sec
Seqn= 43 3-time(s) 10.0sec												
Open/Al-mesh		Open/thick-Al		close	Safe	Norm	2.83s	Obs	1x1	384x384 (1024, 1024)		Q=95 0 0 2.0sec
Open/G-band		Open/G-band		close	Safe	Norm	1ms	Obs	1x1	384x384 (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 #1CCF: HOP349 - 3-filter Synoptics (Al-mesh[2/128/723], Al-poly[12/181/1443], thin-Be[24/512/3897] with 512x512 G-band+Leak - 72min cad) + CME wa												
Term		Pointing (x, y)			Comment							
05/12 04:03:00 - 05/12 05:49:54		Fixed ( 0.0, 0.0)			HOP349 + synoptic							
05/13 04:22:30 - 05/13 06:03:54		Fixed ( 0.0, 0.0)			HOP349 + synoptic							
<b>PROG= 17 Inf.-time(s)</b>												
Subr= 1 1-time(s) 300.0sec												
Seqn= 55 1-time(s) 2.0sec												
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	2ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	125ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	707ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
Seqn= 15 1-time(s) 2.0sec												
Al-poly/Open		Al-poly/Open		close	Safe	Norm	12ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
Al-poly/Open		Al-poly/Open		close	Safe	Norm	177ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
Al-poly/Open		Al-poly/thick-Al		close	Safe	Norm	1.41s	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
Seqn= 79 1-time(s) 2.0sec												
thin-Be/Open		thin-Be/Open		close	Safe	Norm	16ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
thin-Be/Open		thin-Be/Open		close	Safe	Norm	500ms	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
thin-Be/Open		thin-Be/Open		close	Safe	Norm	2.83s	Obs	2x2	2048x2048 (1024, 1024)		Q=95 0 0 2.0sec
Seqn= 30 1-time(s) 2.0sec												
Open/G-band		Open/G-band		open	Safe	Norm	1ms	Obs	1x1	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 15-time(s) 360.0sec												
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= 74 1-time(s) 2.0sec												
med-Be/Open		med-Be/Open		close	Safe	Norm	500ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98 3 0 2.0sec
med-Be/Open		med-Be/Open		close	Safe	Norm	2.00s	Obs	4x4	2048x2048 (1024, 1024)		Q=98 2 0 2.0sec
Seqn= 6 1-time(s) 2.0sec												
Al-poly/Open		Al-poly/Open		close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98 3 0 2.0sec
Al-poly/Open		Al-poly/Open		close	Safe	Norm	1.00s	Obs	4x4	2048x2048 (1024, 1024)		DPCM 2 0 2.0sec
Seqn= 29 1-time(s) 2.0sec												
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	125ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98 3 0 2.0sec
Open/Al-mesh		Open/Al-mesh		close	Safe	Norm	250ms	Obs	4x4	2048x2048 (1024, 1024)		Q=98 2 0 2.0sec
Default Filter		Thicker Filter		VLS	mode	image	Exp.	CCD	Bin	ROI: size (center)		Comp. AEC Buffer Interval

XOB #1CFB: HOP401/402 (Morphology with Al/poly long/short pairs) with PFB, 512x512 at 1064 1048, with G-band (1ms/1ms leak), 90s cad												
Term		Pointing (x, y)			Comment							
05/12 06:03:00 - 05/12 09:36:30		Track ( 652.7, 126.4) @ 05/12 06:00:00			HOP401 AR13297							
05/13 06:17:00 - 05/13 10:12:00		Track ( 785.4, 115.3) @ 05/13 06:14:00			HOP401 AR13297							
<b>PROG= 11 Inf.-time(s)</b>												
Subr= 1 1-time(s) 2.0sec												
Seqn= 81 1-time(s) 2.0sec												
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
Seqn= 82 1-time(s) 2.0sec												
Al-poly/Open		Al-poly/Open		close	Safe	Dark	1.00s	Obs	1x1	512x512 (1064, 1048)		DPCM 0 0 2.0sec
Subr= 2 20-time(s) 90.0sec												
Seqn= 94 1-time(s) 30.0sec												
Al-poly/Open		thin-Be/Open		close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)		Q=95 2 0 2.0sec
Al-poly/Open		thin-Be/Open		close	Safe	Norm	250ms	Obs	1x1	512x512 (1064, 1048)		Q=95 3 0 2.0sec
Seqn= 58 1-time(s) 2.0sec												
Al-poly/Open		thin-Be/Open		close	Safe	Norm	500ms	Obs	1x1	384x384 (1064, 1048)		Q=95 3 1 2.0sec
thin-Be/Open		med-Be/Open		close	Safe	Norm	1.00s	Obs	1x1	384x384 (1064, 1048)		Q=95 3 1 2.0sec
Seqn= 48 1-time(s) 2.0sec												
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 #1CDE: HOP393/336 - 4x4 - Full Sun double long/short pair AEC 2/3 - Al-poly - Dark (512ms) - G-band (1x1,512x512,1ms) - Leak (1x1,512x512,1ms) - 7**

Term	Pointing (x, y)	Comment
05/12 23:29:30 - 05/13 02:10:30	Track ( -21.0, -1.8) <sup>@ 05/12 23:00:00</sup>	HOP393
<b>PROG= 07 Inf.-time(s)</b>		
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
Seqn= 52 1-time(s) 2.0sec		
Al-poly/Open Al-poly/Open close	Safe Dark 500ms Obs 4x4 2048x2048 (1024, 1024)	DPCM 0 0 2.0sec
Subr= 2 30-time(s) 720.0sec		
Seqn= 97 2-time(s) 2.0sec		
Al-poly/Open med-Be/Open close	Safe Norm 125ms Obs 4x4 2048x2048 (1024, 1024)	Q=98 3 0 2.0sec
Al-poly/Open med-Be/Open close	Safe Norm 500ms 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

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**Flare mode**

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

Term	Pointing (x, y)	Comment
05/11 11:24:30 - 05/11 17:14:54	Track ( 739.4, 213.9) <sup>@ 05/11 11:11:00</sup>	# OP start + 10min AR13296
05/11 18:06:00 - 05/12 03:59:54	Track ( 770.1, 211.0) <sup>@ 05/11 17:40:00</sup>	AR13296
05/12 04:03:00 - 05/12 05:49:54	Fixed ( 0.0, 0.0)	HOP349 + synoptic
05/12 06:03:00 - 05/12 09:36:30	Track ( 652.7, 126.4) <sup>@ 05/12 06:00:00</sup>	HOP401 AR13297
05/12 10:21:00 - 05/12 17:49:54	Track ( 833.6, 203.4) <sup>@ 05/12 10:00:00</sup>	AR13296
05/12 18:40:00 - 05/12 22:59:00	Track ( 857.7, 199.5) <sup>@ 05/12 18:15:00</sup>	AR13296
05/12 23:29:30 - 05/13 02:10:30	Track ( -21.0, -1.8) <sup>@ 05/12 23:00:00</sup>	HOP393
05/13 02:44:00 - 05/13 03:43:00	Track ( 876.3, 195.6) <sup>@ 05/13 02:30:00</sup>	AR13296
05/13 04:22:30 - 05/13 06:03:54	Fixed ( 0.0, 0.0)	HOP349 + synoptic
05/13 06:17:00 - 05/13 10:12:00	Track ( 785.4, 115.3) <sup>@ 05/13 06:14:00</sup>	HOP401 AR13297

<b>PROG= 04 30-time(s)</b>		
Subr= 1 20-time(s) 2.0sec		
Seqn= 11 1-time(s) 2.0sec		
Al-poly/Open Al-poly/thick-Al close	Safe Norm 125ms Obs 2x2 512x512 (1024, 1024)	Q=95 2 0 2.0sec
Seqn= 73 1-time(s) 10.0sec		
thin-Be/Open med-Be/Open close	Safe Norm 125ms Obs 1x1 384x384 (1024, 1024)	Q=95 3 0 2.0sec
med-Be/Open Open/thick-Al close	Safe Norm 250ms Obs 1x1 384x384 (1024, 1024)	Q=95 3 0 2.0sec
Open/thick-Be Open/thick-Be close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024)	Q=95 3 0 2.0sec
Subr= 2 1-time(s) 2.0sec		
Seqn= 10 1-time(s) 2.0sec		
med-Al/Open med-Al/thick-Al close	Safe Norm 500ms Obs 1x1 384x384 (1024, 1024)	Q=95 3 0 2.0sec
Open/thick-Be Open/thick-Be close	Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024)	Q=95 3 0 2.0sec
Seqn= 11 1-time(s) 2.0sec		
Al-poly/Open Al-poly/thick-Al close	Safe Norm 125ms Obs 2x2 512x512 (1024, 1024)	Q=95 2 0 2.0sec
Seqn= 87 1-time(s) 2.0sec		
Open/G-band Open/G-band open	Safe Norm 1ms Obs 1x1 384x384 (1024, 1024)	Q=98 0 0 2.0sec
Open/G-band Open/G-band close	Safe Norm 1ms Obs 1x1 384x384 (1024, 1024)	Q=98 0 0 2.0sec
Open/thick-Al Open/thick-Al close	Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024)	Q=98 0 0 2.0sec
Open/thick-Al Open/thick-Al close	Safe Dark 1.00s Obs 2x2 512x512 (1024, 1024)	Q=98 0 0 2.0sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center)	Comp. AEC Buffer Interval

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**Active Region Search**

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NOT USED

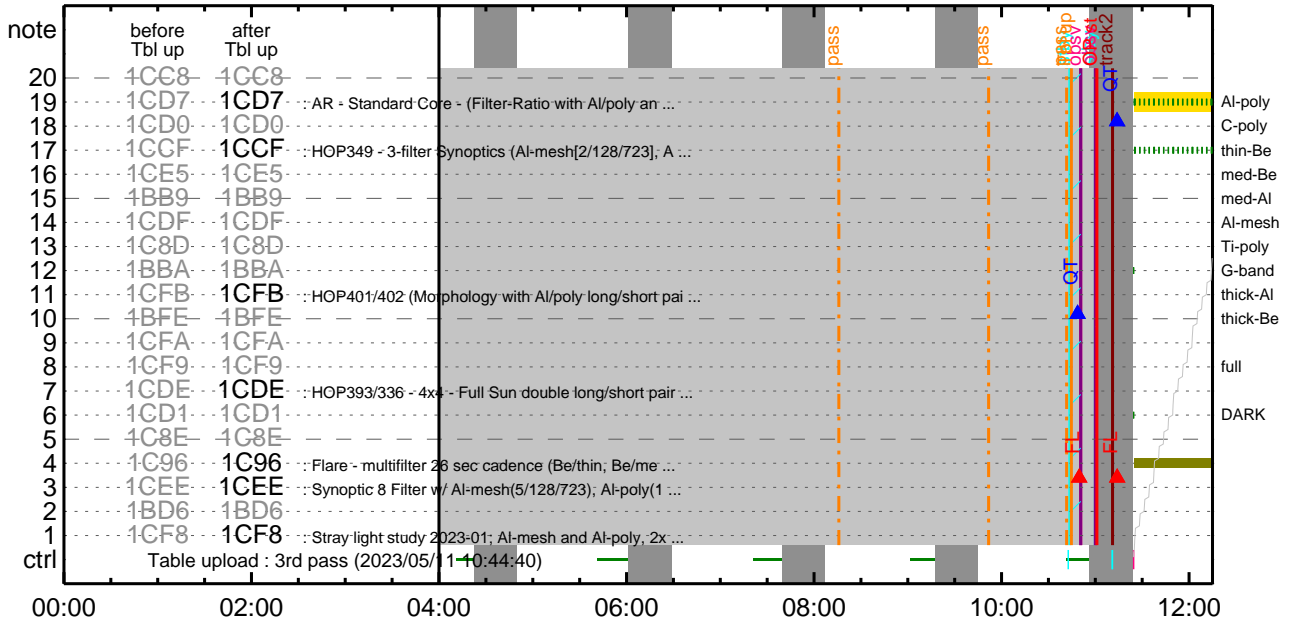
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**Flare Detection**

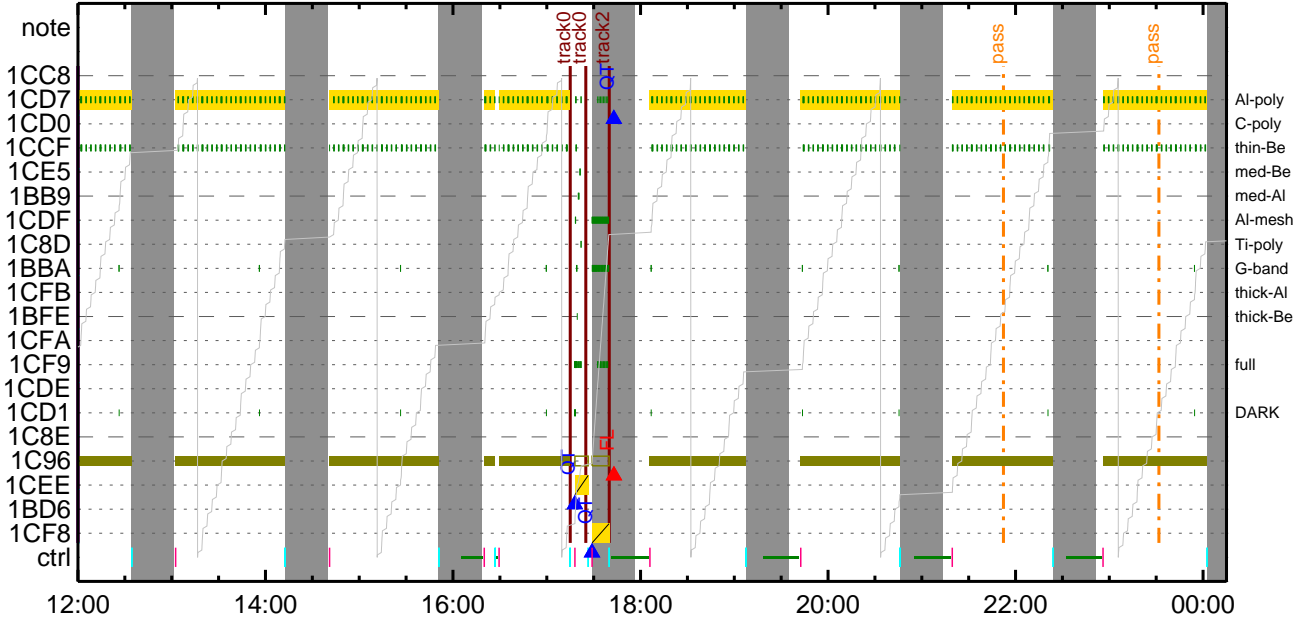
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<b>FLD Patrol</b>		
Term	Pointing (x, y)	Comment
05/11 10:45:40 - 05/11 17:15:18	cannot be identified	
05/11 17:40:18 - 05/12 05:50:18	Track ( 770.1, 211.0) <sup>@ 05/11 17:40:00</sup>	AR13296
05/12 06:00:18 - 05/12 17:50:18	Track ( 652.7, 126.4) <sup>@ 05/12 06:00:00</sup>	HOP401 AR13297
05/12 18:15:18 - 05/13 06:04:18	Track ( 857.7, 199.5) <sup>@ 05/12 18:15:00</sup>	AR13296
05/13 06:14:18 - 05/16 11:16:00	Track ( 785.4, 115.3) <sup>@ 05/13 06:14:00</sup>	HOP401 AR13297
Al-poly/Open Al-poly/Open close	Safe Norm 4ms Obs 8x8	Q=50 30sec
Default Filter	Thicker Filter VLS mode image Exp. CCD Bin ROI: size (center)	Comp. AEC Buffer Interval

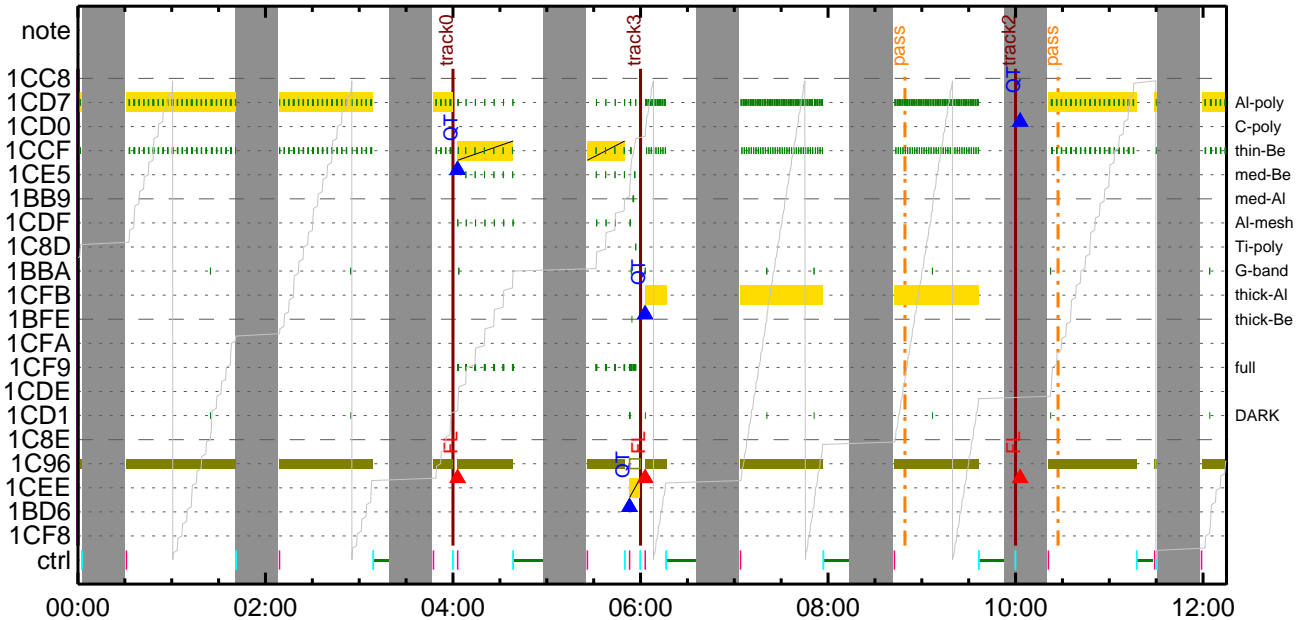
### CMDI #0068 2023/05/11



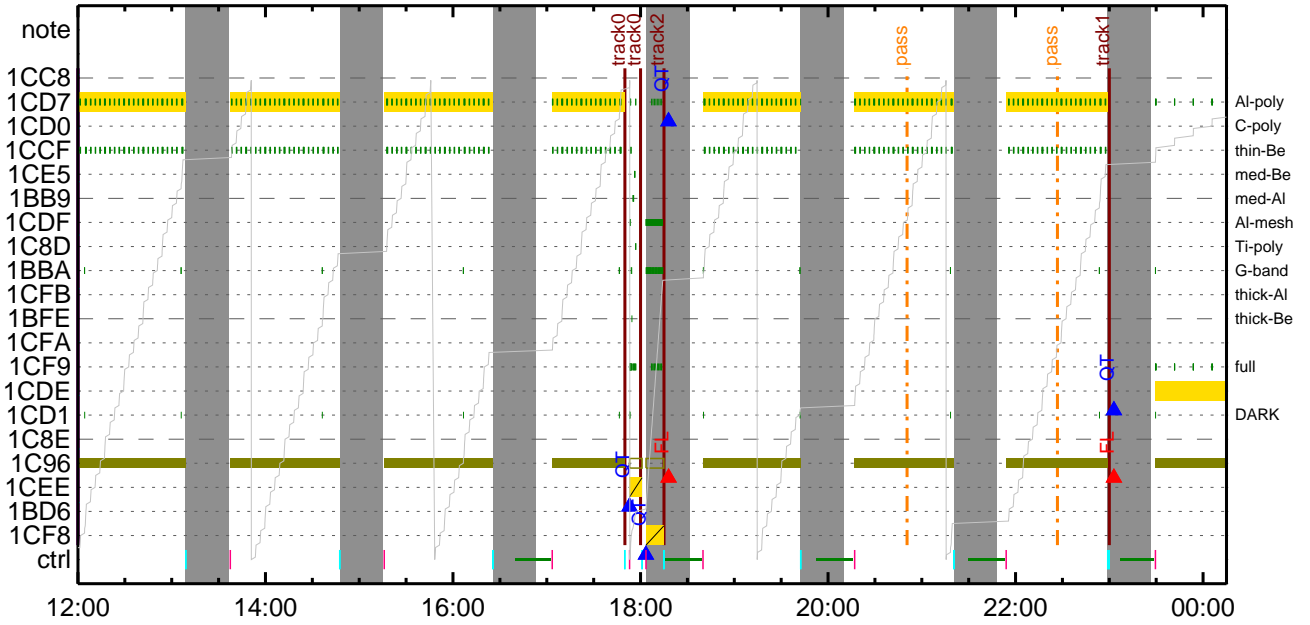
### CMDI #0068 2023/05/11



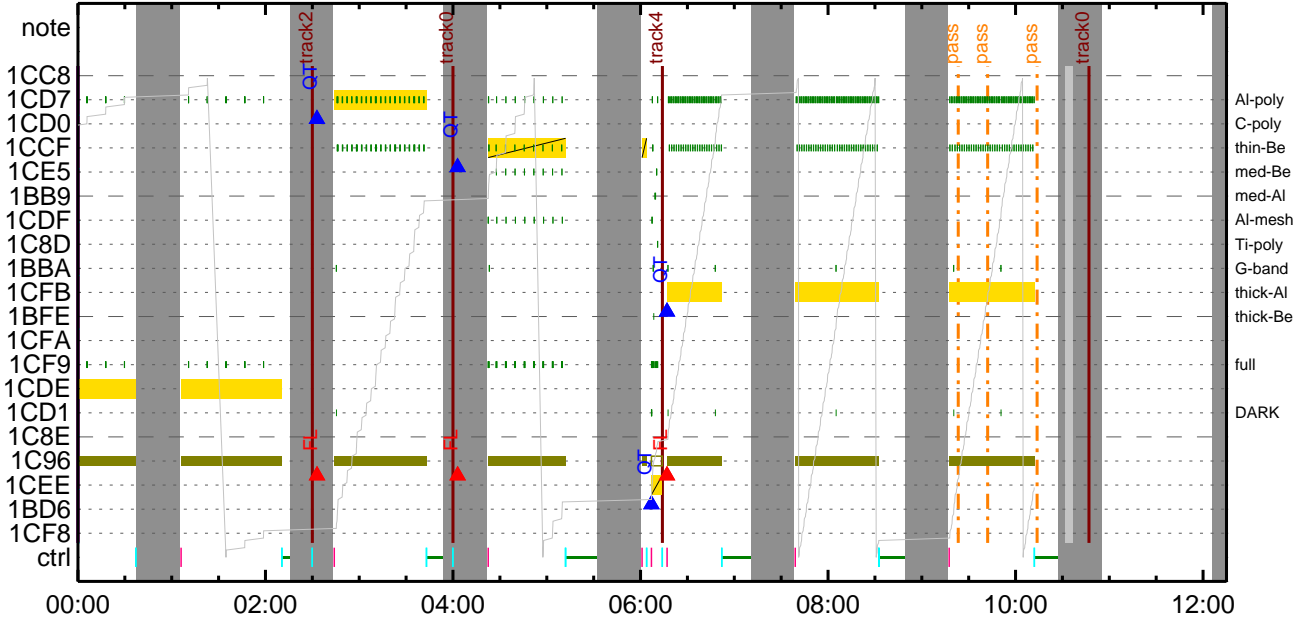
### CMDI #0068 2023/05/12



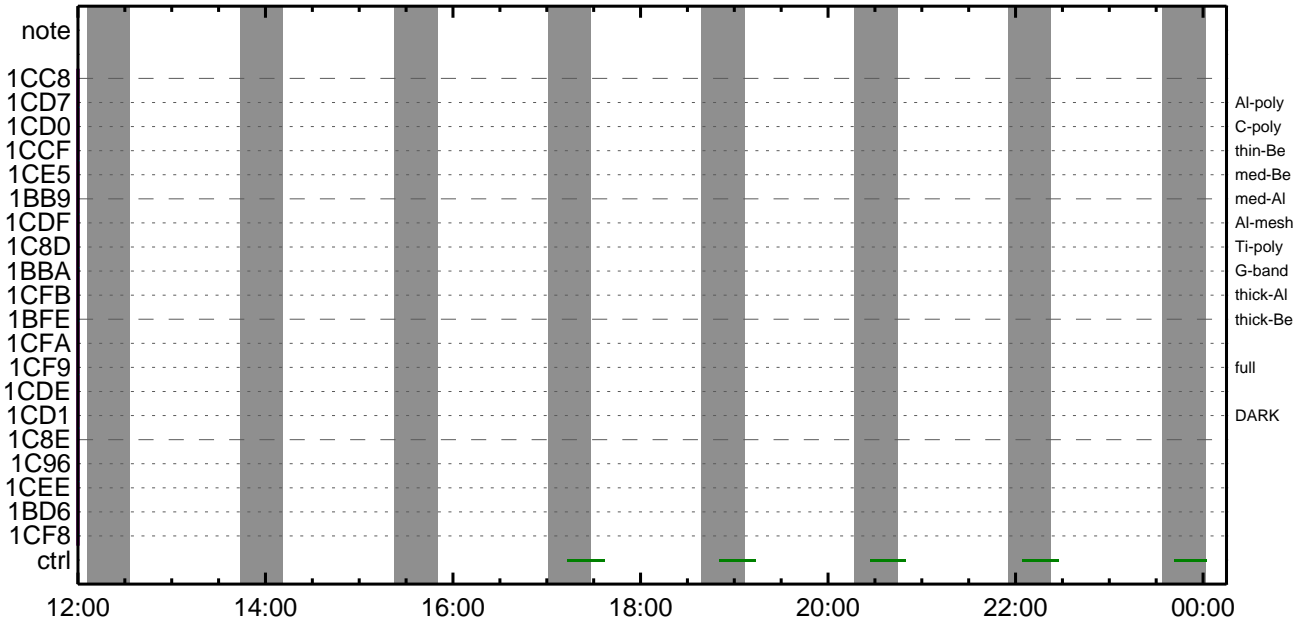
CMDI #0068 2023/05/12



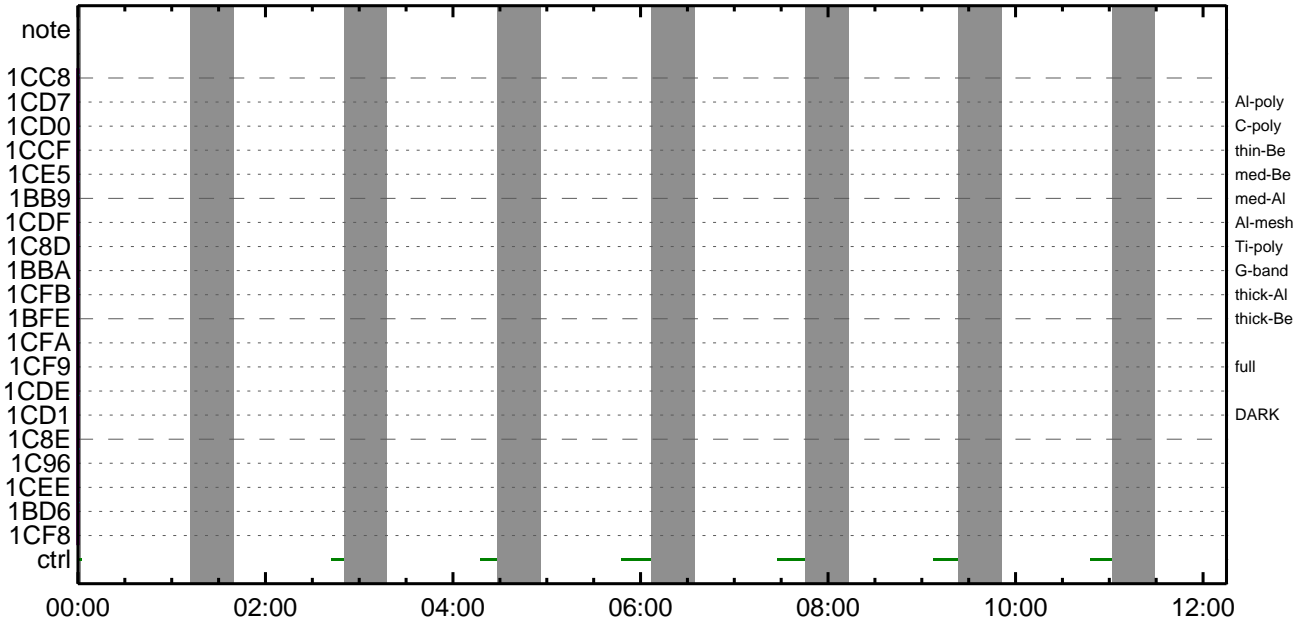
CMDI #0068 2023/05/13



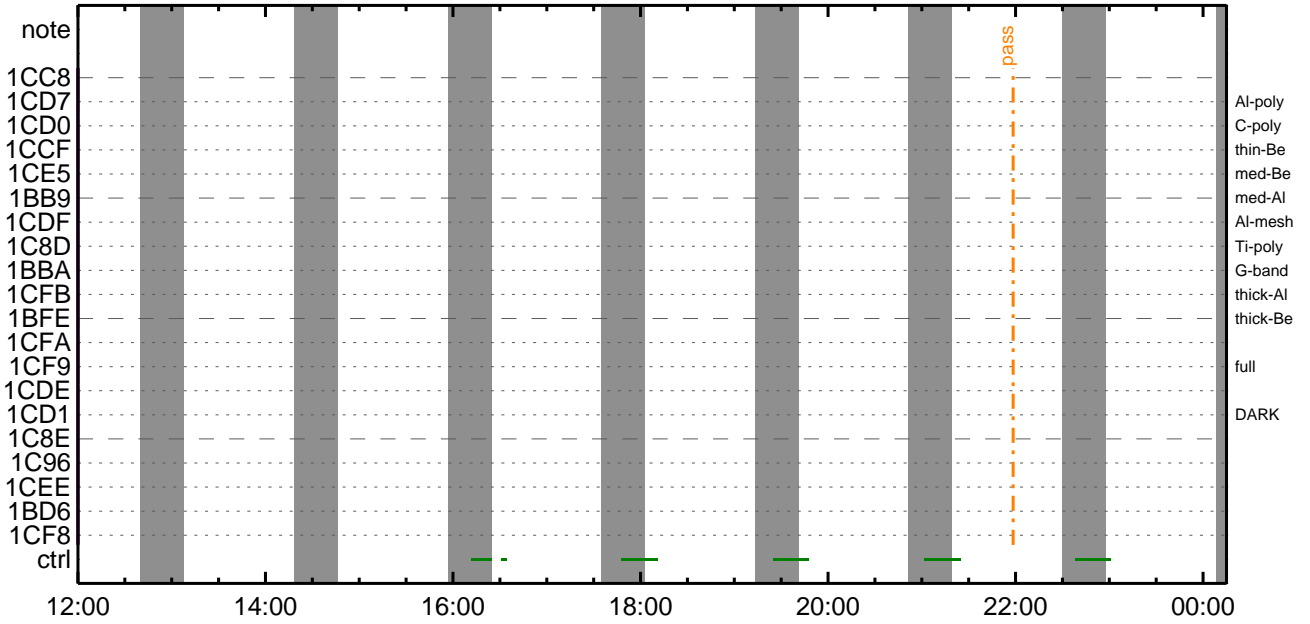
CMDI #0068 2023/05/13



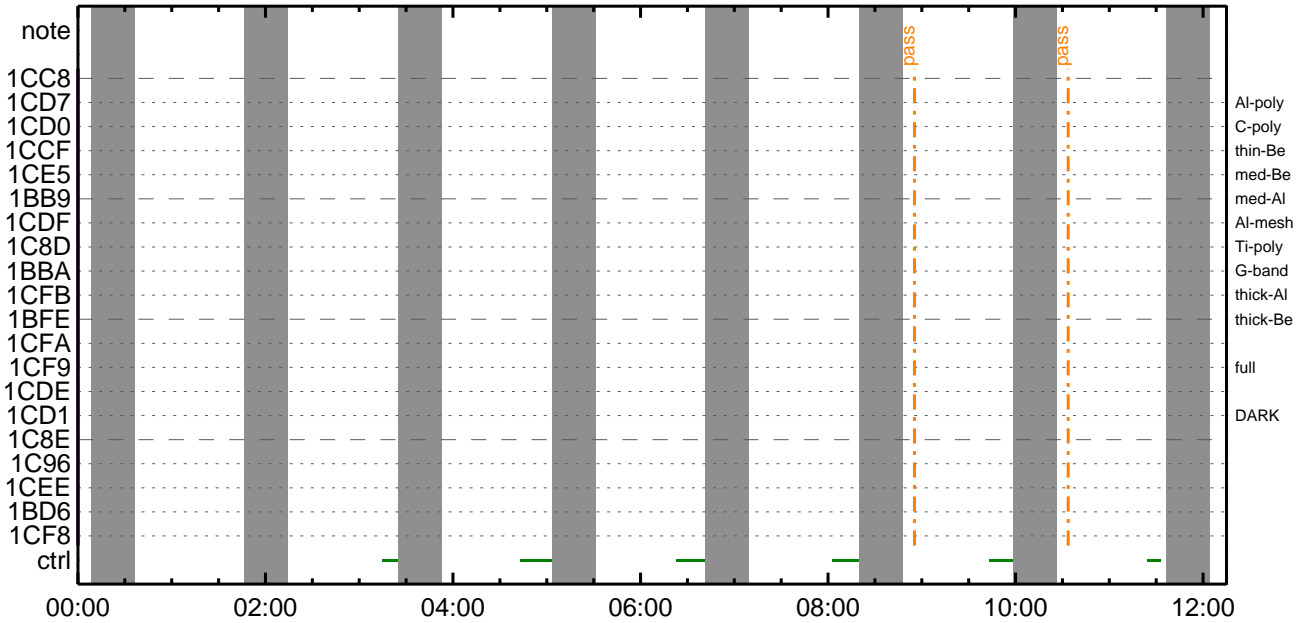
CMDI #0068 2023/05/14



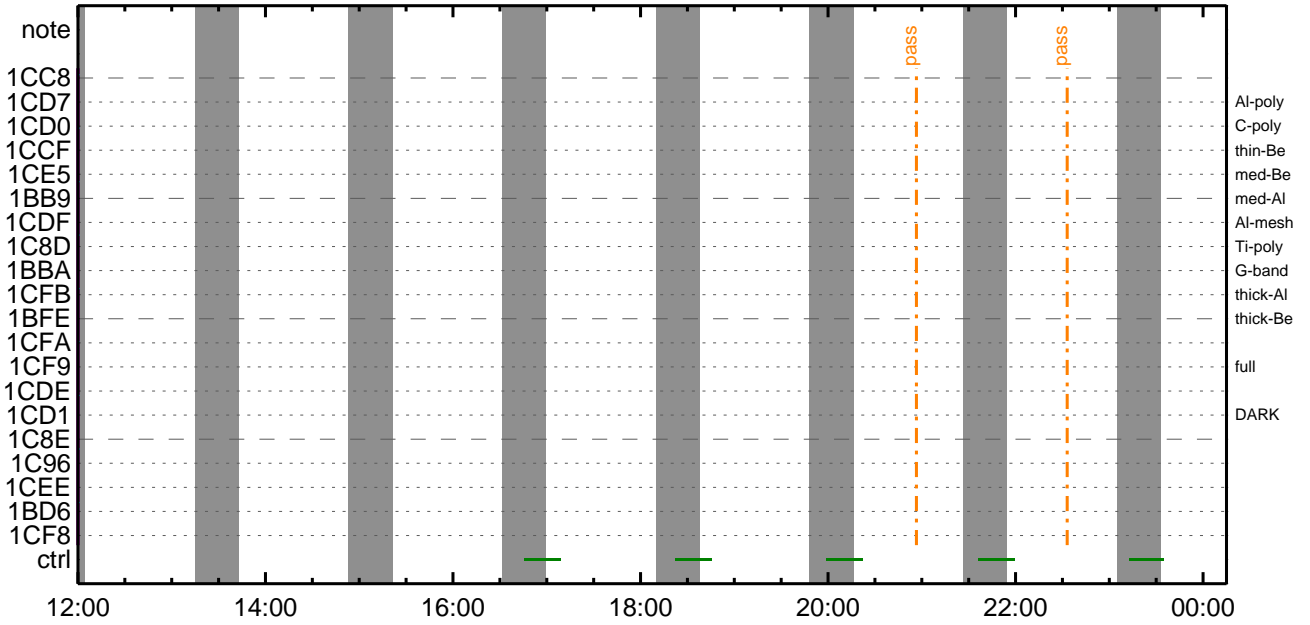
CMDI #0068 2023/05/14



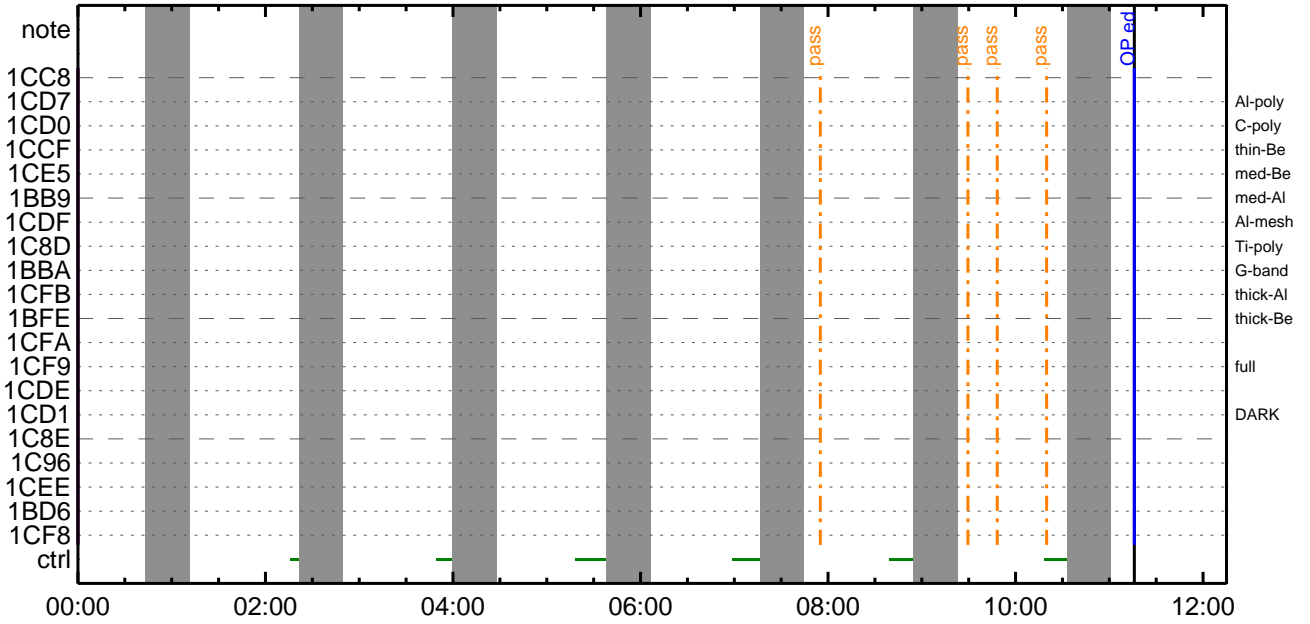
CMDI #0068 2023/05/15



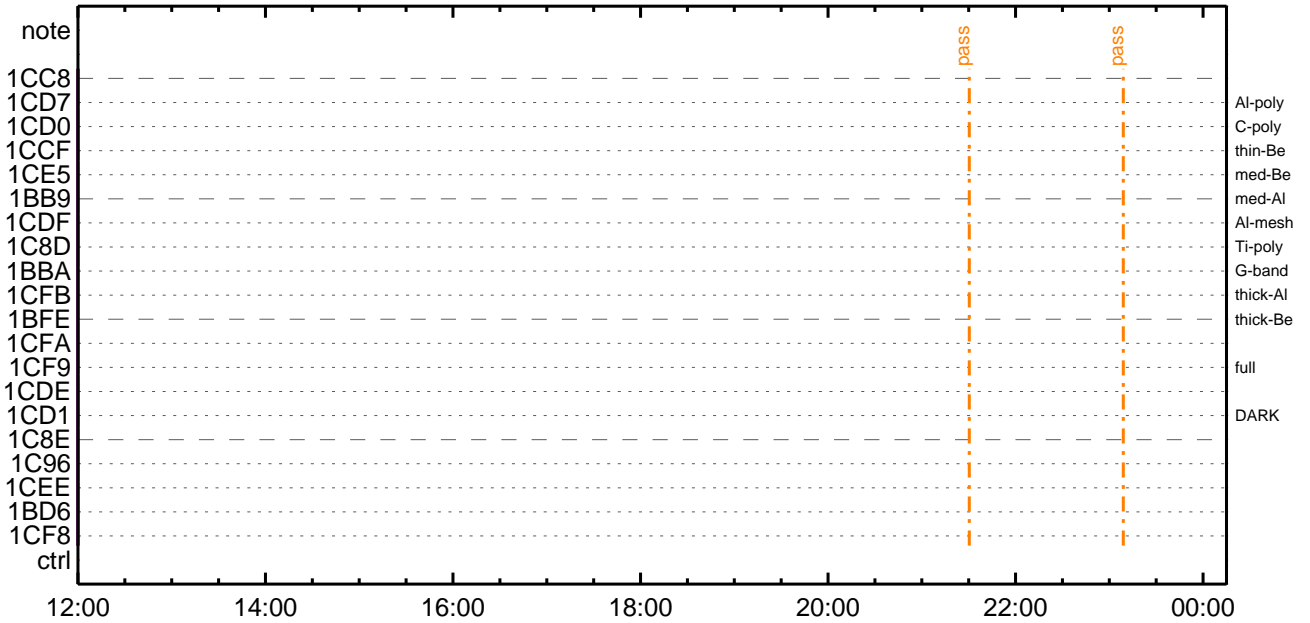
CMDI #0068 2023/05/15



CMDI #0068 2023/05/16



CMDI #0068 2023/05/16







0096 C.  
0097 C.  
0098 C. \*\*\*\*\*  
0099 C. OP/OGY1;4YE;|YAYOX  
0100 C. \*\*\*\*\*  
0101 C.  
0102 . C. ;ãOP/OGY1;4YE;ã  
0103 . S. OP op-845:OP  
0104 ( )  
0105 . S. OG og-845:OG  
0106 ( )  
0107 C.  
0108 . C. ;ãNMOG&OPfî°èYAYOX;ã  
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)  
0110 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET  
0111 BC (20 00 7f 01 02)  
0112 C. çç[HK1\_DMP\_TOP\_ADRS\_1] EQ 40  
0113 C. çç[HK1\_DMP\_TOP\_ADRS\_0] EQ 0  
0114 C. çç[HK1\_DMP\_BLOCK\_NUM] EQ 127  
0115 C. çç[HK1\_DMP\_REPEAT\_NUM] EQ 0  
0116 C. çç[HK1\_DMA\_DMP\_PIM] EQ DHU  
0117 +. DC 01-22 DHU\_MODE\_CHNG  
0118 BC (07 0b f8)  
0119 C. çç[HK1\_PKT\_FORM\_NO] EQ 7  
0120 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.25 s  
0121 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32k  
0122 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M  
0123 C. çç[HK1\_DMP\_CHK\_FLG] EQ EXEC  
0124 . C. YAYOXx½ª î»ò³ îÇ§  
0125 C. çç[HK1\_DMP\_CHK\_FLG] EQ NON  
0126 . C. RAM ID=NMOGñî½E¹ç•è² îOKò³ îÇ§  
0127 C.  
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)  
0129 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET  
0130 BC (20 80 7f 01 02)  
0131 C. çç[HK1\_DMP\_TOP\_ADRS\_1] EQ 41  
0132 C. çç[HK1\_DMP\_TOP\_ADRS\_0] EQ 0  
0133 C. çç[HK1\_DMP\_BLOCK\_NUM] EQ 127  
0134 C. çç[HK1\_DMP\_REPEAT\_NUM] EQ 0  
0135 C. çç[HK1\_DMA\_DMP\_PIM] EQ DHU  
0136 +. DC 01-22 DHU\_MODE\_CHNG  
0137 BC (07 0b f8)  
0138 C. çç[HK1\_PKT\_FORM\_NO] EQ 7  
0139 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.25 s  
0140 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32k  
0141 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M  
0142 C. çç[HK1\_DMP\_CHK\_FLG] EQ EXEC  
0143 . C. YAYOXx½ª î»ò³ îÇ§  
0144 C. çç[HK1\_DMP\_CHK\_FLG] EQ NON  
0145 . C. RAM ID=NMOGñî½E¹ç•è² îOKò³ îÇ§  
0146 C.  
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)  
0148 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET  
0149 BC (21 00 41 01 02)  
0150 C. çç[HK1\_DMP\_TOP\_ADRS\_1] EQ 42  
0151 C. çç[HK1\_DMP\_TOP\_ADRS\_0] EQ 0  
0152 C. çç[HK1\_DMP\_BLOCK\_NUM] EQ 65  
0153 C. çç[HK1\_DMP\_REPEAT\_NUM] EQ 0  
0154 C. çç[HK1\_DMA\_DMP\_PIM] EQ DHU  
0155 +. DC 01-22 DHU\_MODE\_CHNG  
0156 BC (07 0b f8)  
0157 C. çç[HK1\_PKT\_FORM\_NO] EQ 7  
0158 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.25 s  
0159 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32k  
0160 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M  
0161 C. çç[HK1\_DMP\_CHK\_FLG] EQ EXEC  
0162 . C. YAYOXx½ª î»ò³ îÇ§  
0163 C. çç[HK1\_DMP\_CHK\_FLG] EQ NON  
0164 . C. RAM ID=NMOG,RAM ID=OPñî½E¹ç•è² îOKò³ îÇ§  
0165 C.  
0166 . C. \*\*\*\*\* òÈ²¼ò î½Ã´ ¶Á°òÈÈ¬ò°Á÷¿® (½åµ-YAYOXx½ª ê½çòðÁÔËæç½ª°¬òè½î¹çòçðâ) \*\*\*\*\*  
0167 C. DHUYâ;4YE;È½Y½;Yî;4YE;Èòðîã¹  
0168 +. DC 01-22 DHU\_MODE\_CHNG  
0169 BC (02 0a f8)  
0170 C. çç[HK1\_PKT\_FORM\_NO] EQ 2  
0171 C. çç[HK1\_PKT\_GEN\_TIME] EQ 0.5S  
0172 C. çç[HK1\_S\_TLM\_BIT\_RATE] EQ 32K  
0173 C. çç[HK1\_X\_TLM\_BIT\_RATE] EQ 4M  
0174 C.  
0175 C. \*\*\*\*\*  
0176 C. TI-CMD SET (OPOG STOP/COPY/START)  
0177 C. \*\*\*\*\*  
0178 C.  
0179 . C. NOTICE |§ OPOG UPLOAD¬-Á÷¿®NGñî½E¹ç;ç°È²¼ò îTI-CMDÁ÷¿®ñî½E¹Ô°¬òÈ²¼ò³òÈ;f  
0180 C. òÈ²¼;çSETòÈDUMPñî½E¹ç°È²¼ò³òÈ;f  
0181 C.  
0182 . C. TIY³Y½Y6YEòðÁDî¿¿(UT)  
0183 +. TI 2023-05-11 10:56:00.0  
0184 DC 01-B3 DHU\_OP\_STOP  
0185 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP  
0186 C.  
0187 +. TI 2023-05-11 10:56:01.0  
0188 DC 01-B4 DHU\_OP\_COPY  
0189 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP  
0190 C.  
0191 +. TI 2023-05-11 10:56:01.0  
0192 DC 01-B5 DHU\_OPOG\_COPY  
0193 C. çç[HK1\_TI\_CMD\_NUM] EQ 1COUNTUP

0194 C.  
0195 +. TI 2023-05-11 11:00:59.5  
0196 DC 01-B2 DHU\_OP\_START  
0197 C.                   çç[HK1\_TI\_CMD\_NUM]                   EQ           1COUNTUP  
0198 C.  
0199 C. °Ê²¼αîÄè%îíñαîŷÄŷ§ŷÄŷ-¹àîü  
0200 C.                   çç[HK1\_TI\_CMD\_ENA/DIS]                   EQ           ENA  
0201 C.                   çç[HK1\_TI\_CMD\_NUM]                   EQ           4  
0202 C.                   çç[HK1\_NEXT\_EXEC\_PIM]                   EQ           DHU  
0203 C.                   çç[HK1\_NEXT\_EXEC\_DC]                   EQ           0xB3  
0204 C.  
0205 C. \*\*\*\*\*  
0206 C. TIîŷ°èŷÄŷÖŷ×  
0207 C. \*\*\*\*\*  
0208 C.  
0209 C. TI\_TBL(0x03AB00-0x03AEFF;§ 1024byte)  
0210 +. DC 01-23 DHU\_DMA\_DMP\_PRM\_SET  
0211 BC           (03 ab 03 01 02)  
0212 C.                   çç[HK1\_DMP\_TOP\_ADRS\_1]                   EQ           07  
0213 C.                   çç[HK1\_DMP\_TOP\_ADRS\_0]                   EQ           2B  
0214 C.                   çç[HK1\_DMP\_BLOCK\_NUM]                   EQ           3  
0215 C.                   çç[HK1\_DMP\_REPEAT\_NUM]                   EQ           0  
0216 C.                   çç[HK1\_DMA\_DMP\_PIM]                   EQ           DHU  
0217 +. DC 01-22 DHU\_MODE\_CHNG  
0218 BC           (07 0b f8)  
0219 C.                   çç[HK1\_PKT\_FORM\_NO]                   EQ           7  
0220 C.                   çç[HK1\_PKT\_GEN\_TIME]                   EQ           0.25 s  
0221 C.                   çç[HK1\_S\_TLM\_BIT\_RATE]                   EQ           32k  
0222 C.                   çç[HK1\_X\_TLM\_BIT\_RATE]                   EQ           4M  
0223 C.                   çç[HK1\_DMP\_CHK\_FLG]                   EQ           EXEC  
0224 C.  
0225 C. ŷÄŷÖŷ×½ªî»αò³îç§  
0226 C.                   çç[HK1\_DMP\_CHK\_FLG]                   EQ           NON  
0227 C.  
0228 C. RAM ID=TI\_TBLαîŷ°è²îOKαò³îç§  
0229 C.  
0230 C. DHUŷâ;¼ŷÉ;Ê¼ŷ¼. ŷî;¼ŷÉ;Êαòîãα¹  
0231 +. DC 01-22 DHU\_MODE\_CHNG  
0232 BC           (02 0a f8)  
0233 C.                   çç[HK1\_PKT\_FORM\_NO]                   EQ           2  
0234 C.                   çç[HK1\_PKT\_GEN\_TIME]                   EQ           0.5S  
0235 C.                   çç[HK1\_S\_TLM\_BIT\_RATE]                   EQ           32K  
0236 C.                   çç[HK1\_X\_TLM\_BIT\_RATE]                   EQ           4M  
0237 C.  
0238 C. \*\*\*\*\*  
0239 C. SOT TI command set  
0240 C. \*\*\*\*\*  
0241 C. Execute, after the success of OP upload.  
0242 +. TI 2023-05-11 11:00:16.0  
0243 DC 07-F0 MDP\_SOT\_MODE\_STBY  
0244 BC           (41)  
0245 C. -----  
0246 C.     HK1\_TI\_CMD\_NUM           = 1 CNTUP [ ]  
0247 C. -----  
0248 C. \*\*\*\*\* SOT END \*\*\*\*\*  
0249 C. Stop EIS observation and temporarily disable EIS mode changes  
0250 C.  
0251 C.  
0252 C. \*\*\*\*\* Start EIS operation (TI set) \*\*\*\*\*  
0253 C. Execute, after the success of OP upload.  
0254 C. Set EIS TI-commands  
0255 +. TI 2023-05-11 11:00:30.0  
0256 DC 07-FC EIS\_MODE\_MANU  
0257 BC           (21 02)  
0258 +. TI 2023-05-11 11:00:40.0  
0259 DC 07-FC EIS\_MODE\_CHG\_DIS  
0260 BC           (22)  
0261 C.                   [     ] [HK1\_TI\_CMD\_NUM]                   EQ           2 COUNTUP  
0262 C. \*\*\*\*\* End EIS operation (TI set) \*\*\*\*\*  
0263 C.  
0264 C.  
0265 C.  
0266 C. \*\*\*\*\* XRT START \*\*\*\*\*  
0267 C. Execute, after the success of OP upload.  
0268 +. TI 2023-05-11 11:00:00.0  
0269 DC 07-F0 MDP\_XRT\_MODE\_STBY  
0270 BC           (c3)  
0271 C.                   [     ] [HK1\_TI\_CMD\_NUM]                   EQ           1COUNTUP  
0272 C.  
0273 C. \*\*\*\*\* XRT END \*\*\*\*\*  
0274 C.  
0275 C. \*\*\*\*\* MDP `ûÃîαî»ö¼ŷ°èÄÐα¹αèDCBC.x²è \*\*\*\*\*  
0276 C. (¼á°îŷÖŷÄŷÉŷŷŷÉŷáŷçŷèè%¼αα¼Ä»Ûα¹αè)  
0277 C. S. DC-BC dcbc-402:DCBC  
0278 C. (MDP\_known\_event)  
0279 C.  
0280 C.  
0281 C. \*\*\*\*\* ŷÐŷ¹.î Daily±çîñèË'Øα¹αèDCBC.x²è \*\*\*\*\*  
0282 C. S. DC-BC dcbc-153:DCBC  
0283 C. (SPECIAL-CMD\_DAILY\_OPERATIN\_DCB)  
0284 C.  
0285 C.  
0286 C. ;ãLOSŷÄŷ§ŷÄŷ-¼Ä»Û;ã  
0287 C.  
0288 C. \*\*\*\*\* LOS \*\*\*\*\*  
0289 C.





(a) Spacecraft Operation Procedure (real-commands)

```
main-847 2023-05-11 12:22:32 134 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Û;ã
0005 C.
0006 C. YÁYB;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;È¿¿ãÀ•µ°È»Í×ÁÇ¿ÍY¿Y×YÍ;¼YÉ;ÈÈ%µ•ííÉ;ÈÈ¼°ÇÓã•¿¿¼í¹¿ãÍ;¿À®, ù¿¹ãÈãÈãÇÁ+¿®ã•¿Èãã¿ãÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-283:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2023-05-11 11:00:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 + DC 07-F0 MDP_XRT_MODE_STBY
0052 BC (c3)
0053 . C. ----- Success Verify ? OK / NG_____
0054 C.
0055 C. XRT Obs. Table Upload
0056 . S. RAM ram-291:MDP_OBS_X
0057 ( )
0058 C.
0059 +. DC 07-F0 MDP_DUMP_XRTTBL
0060 BC (84 07 00 00 00 3a d4)
0061 . C. ----- Comparison Check ? OK / ERR _____
0062 C.
0063 C.
0064 +. DC 07-F0 MDP_XRT_ROI_SET
0065 BC (cd 01 b1 b1 04 04)
0066 + DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 02 b1 b1 08 08)
0068 + DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 03 b1 b1 08 08)
0070 + DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 04 b1 b1 06 06)
0072 + DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 05 85 83 06 06)
0074 + DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 06 85 83 08 08)
0076 + DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 07 85 83 06 06)
0078 + DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 08 80 80 20 20)
0080 + DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 09 80 80 20 08)
0082 + DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 0a 80 80 08 20)
0084 + DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0b 80 80 06 06)
0086 + DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0c 80 80 08 08)
0088 + DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 0f 80 80 06 06)
0090 + DC 07-F0 MDP_XRT_ROI_SET
0091 BC (cd 10 80 80 08 08)
0092 + DC 07-F0 MDP_XRT_FLD_ENA
0093 BC (d8)
0094 + DC 07-F0 MDP_XRT_FLRCTRL_ENA
0095 BC (c8)
```

```
0096 + DC 07-F0 MDP_XRT_ARS_DIS
0097 BC (d5)
0098 + DC 07-F0 MDP_XRT_AEC_RESET
0099 BC (d0)
0100 + DC 07-F0 MDP_XRT_FLD_RESET
0101 BC (da)
0102 + DC 07-F0 MDP_XRT_QT_PROG_SET
0103 BC (c4 0b)
0104 + DC 07-F0 MDP_XRT_FL_PROG_SET
0105 BC (c5 04)
0106 . C. ----- Success Verify ? OK / NG ____
0107 C.
0108 C.
0109 . C. All OK? Yes--> Please Proceed. / No --> Stop here.
0110 C.
0111 + DC 07-F0 MDP_XRT_MODE_OBSV
0112 BC (c2)
0113 + TI 2023-05-11 11:00:02.0
0114 DC 07-F0 MDP_XRT_MODE_OBSV
0115 BC (c2)
0116 . C. ----- Success Verify ? OK / NG ____
0117 C.
0118 C. ***** XRT END *****
0119 C.
0120 . C. ***** MDP `úÃîñî»ò%ŸαĒĀĐα¹αēDCBC•x²è *****
0121 C. (%á°îŸÓŸĀŸĒŸĪŸĒŸáŸçŸēαĒ%¼αα¼Ā»Ūα¹αē)
0122 . S. DC-BC dcbc-402:DCBC
0123 (MDP_known_event)
0124 C.
0125 C.
0126 . C. ***** ŸDŸ¹•Ī Daily±¿ĪÑαĒ`Øα¹αēDCBC•x²è *****
0127 . S. DC-BC dcbc-153:DCBC
0128 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0129 C.
0130 C.
0131 . C. ¡ãLOSŸÁŸŸŸĀŸ-¼Ā»Ū;ã
0132 C.
0133 . C. ***** LOS *****
0134 C.
```

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

2023/05/11	11:10:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	11:10:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	11:10:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2023/05/11	11:11:00.0	AOCS_Ore-point_Start_1_OG [0x097]						
		AOCU_NM	5	02-76	02 04 8b 01 db			
2023/05/11	11:11:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/05/11	11:11:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/05/11	11:11:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/05/11	11:11:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/05/11	11:11:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/11	11:13:56.0	XRT_QT_PROG_SET_431_OG [0x1af]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13			
2023/05/11	11:13:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2023/05/11	11:23:30.0	XRT_Custom_430_OG [0x1ae]						
2023/05/11	11:24:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/11	12:34:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	12:34:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	12:34:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/11	12:34:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/11	12:37:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/11	13:01:30.0	XRT_Custom_430_OG [0x1ae]						
2023/05/11	13:02:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/11	14:12:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	14:12:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	14:12:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/11	14:12:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/11	14:15:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/11	14:40:00.0	XRT_Custom_430_OG [0x1ae]						
2023/05/11	14:41:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/11	15:51:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	15:51:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	15:51:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/11	15:51:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/11	15:54:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/11	16:19:00.0	XRT_Custom_430_OG [0x1ae]						
2023/05/11	16:20:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/11	16:27:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	16:27:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	16:27:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/11	16:27:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/11	16:28:30.0	XRT_Custom_430_OG [0x1ae]						
2023/05/11	16:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/11	16:30:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/11	17:14:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	17:14:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/11	17:14:58.0	XRT_FOCUS_POSITION_406_OG [0x196]						
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2023/05/11	17:15:00.0	AOCS_Ore-point_Start_2_OG [0x098]						
		AOCU_NM	5	02-76	00 00 00 00 00			
2023/05/11	17:15:18.0	XRT_FLD_DIS_409_OG [0x199]						
		MDP_XRT_FLD_DIS	1	07-F0	d9			
2023/05/11	17:15:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]						
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2023/05/11	17:15:22.0	XRT_ARS_DIS_401_OG [0x191]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			

2023/05/11	17:17:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2023/05/11	17:18:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/11	17:25:00.0	AOCS_ORe-point_Start_3_OG [0x099]							
		AOCU_NM	5	02-76	00	00	00	e9	cb
2023/05/11	17:26:30.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	17:26:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	17:26:34.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22	ff	aa	00	
2023/05/11	17:26:54.0	XRT_FLD_DIS_435_OG [0x1b3]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/05/11	17:28:54.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/05/11	17:28:56.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/05/11	17:28:58.0	XRT_QT_PROG_SET_447_OG [0x1bf]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	01			
2023/05/11	17:29:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/11	17:39:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	17:39:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	17:39:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe	97	00	
2023/05/11	17:40:00.0	AOCS_ORe-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02	04	8b	01	db
2023/05/11	17:40:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/05/11	17:40:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/05/11	17:40:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/05/11	17:40:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/05/11	17:40:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/11	17:42:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13			
2023/05/11	17:42:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2023/05/11	18:05:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/11	18:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/11	19:07:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	19:07:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	19:07:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/11	19:07:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/11	19:10:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/11	19:41:31.0	XRT_Custom_430_OG [0x1ae]							
2023/05/11	19:42:31.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/11	20:46:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	20:46:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	20:46:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/11	20:46:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/11	20:49:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/11	21:18:30.0	XRT_Custom_430_OG [0x1ae]							
2023/05/11	21:19:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/11	22:24:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	22:24:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/11	22:24:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/11	22:24:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/11	22:27:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/11	22:55:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/11	22:56:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/12	00:02:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	00:02:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	00:02:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/12	00:02:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							



2023/05/12	00:05:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8			
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/12	00:30:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	00:31:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	01:41:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	01:41:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	01:41:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	01:41:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/12	01:44:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/12	02:08:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	02:09:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	03:09:00.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	03:09:02.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	03:09:04.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	03:09:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/12	03:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/12	03:46:30.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	03:47:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2023/05/12	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
			AOCU_NM	5	02-76	00 00 00 00 00			
2023/05/12	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
			MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/05/12	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
			MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/05/12	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
			MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/05/12	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/05/12	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 11			
2023/05/12	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
			MDP_XRT_FL_PROG_SET	2	07-F0	c5 04			
2023/05/12	04:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	04:38:30.0	XRT_CTRL_MANU_400_OG [0x190]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	04:38:32.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	04:38:34.0	XRT_FLD_RESET_415_OG [0x19f]							
			MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	04:38:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
			MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/12	04:41:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
			MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/12	05:25:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	05:26:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	05:49:54.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	05:49:56.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	05:49:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
			XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00			
2023/05/12	05:50:18.0	XRT_FLD_DIS_409_OG [0x199]							
			MDP_XRT_FLD_DIS	1	07-F0	d9			
2023/05/12	05:50:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
			MDP_XRT_FLRCTRL_DIS	1	07-F0	c9			
2023/05/12	05:50:22.0	XRT_ARS_DIS_401_OG [0x191]							
			MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/05/12	05:52:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
			MDP_XRT_QT_PROG_SET	2	07-F0	c4 03			
2023/05/12	05:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
			MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	05:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	05:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
			MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	05:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
			XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00			
2023/05/12	06:00:00.0	AOCS_ORe-point_Start_4_OG [0x09a]							
			AOCU_NM	5	02-76	03 04 8b 01 db			

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2023/05/12	06:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/05/12	06:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/05/12	06:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/05/12	06:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/05/12	06:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/12	06:02:56.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 0b				
2023/05/12	06:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/05/12	06:03:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/12	06:16:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	06:16:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	06:16:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/12	06:16:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/12	06:19:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/12	07:03:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	07:04:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/12	07:57:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	07:57:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	07:57:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/12	07:57:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/12	08:00:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/12	08:41:30.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	08:42:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/12	09:36:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	09:36:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	09:36:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/12	09:36:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/12	09:39:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/12	09:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	09:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	09:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/05/12	10:00:00.0	AOCs_OrE-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 04 8b 01 db				
2023/05/12	10:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/05/12	10:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/05/12	10:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/05/12	10:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/05/12	10:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/12	10:02:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2023/05/12	10:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/05/12	10:20:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	10:21:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/12	11:17:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	11:17:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	11:17:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/12	11:17:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/12	11:20:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/12	11:28:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/12	11:29:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/12	11:30:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/12	11:30:32.0	XRT_CTRL_MANU_402_OG [0x192]							

2023/05/12	11:30:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	11:30:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/05/12	11:33:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/05/12	11:58:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/05/12	11:59:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/05/12	13:09:00.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/05/12	13:09:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	13:09:04.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	13:09:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/05/12	13:12:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/05/12	13:36:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/05/12	13:37:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/05/12	14:47:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/05/12	14:47:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	14:47:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	14:47:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/05/12	14:50:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/05/12	15:15:00.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/05/12	15:16:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/05/12	16:25:30.0	XRT_CTRL_MANU_400_OG [0x190]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/05/12	16:25:32.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	16:25:34.0	XRT_FLD_RESET_415_OG [0x19f]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	16:25:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]	MDP_XRT_FLD_RESET	1	07-F0	da	
2023/05/12	16:28:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]	MDP_XRT_PREFLR_STRT	1	07-F0	e8	
2023/05/12	17:02:30.0	XRT_Custom_430_OG [0x1ae]	MDP_XRT_PREFLR_STOP	1	07-F0	e9	
2023/05/12	17:03:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]					
2023/05/12	17:49:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/05/12	17:49:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	17:49:58.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	17:50:00.0	AOCs_OrE-point_Start_2_OG [0x098]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/05/12	17:50:18.0	XRT_FLD_DIS_409_OG [0x199]	AOCU_NM	5	02-76	00 00 00 00 00	
2023/05/12	17:50:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/05/12	17:50:22.0	XRT_ARS_DIS_401_OG [0x191]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/05/12	17:52:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/05/12	17:53:00.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 03	
2023/05/12	18:00:00.0	AOCs_OrE-point_Start_5_OG [0x09b]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/05/12	18:01:00.0	XRT_CTRL_MANU_402_OG [0x192]	AOCU_NM	5	02-76	00 00 00 16 35	
2023/05/12	18:01:02.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	18:01:04.0	XRT_FOCUS_POSITION_406_OG [0x196]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	18:01:24.0	XRT_FLD_DIS_435_OG [0x1b3]	XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00	
2023/05/12	18:03:24.0	XRT_FLRCTRL_DIS_413_OG [0x19d]	MDP_XRT_FLD_DIS	1	07-F0	d9	
2023/05/12	18:03:26.0	XRT_ARS_DIS_423_OG [0x1a7]	MDP_XRT_FLRCTRL_DIS	1	07-F0	c9	
2023/05/12	18:03:28.0	XRT_QT_PROG_SET_447_OG [0x1bf]	MDP_XRT_ARS_DIS	1	07-F0	d5	
2023/05/12	18:03:30.0	XRT_CTRL_AUTO_408_OG [0x198]	MDP_XRT_QT_PROG_SET	2	07-F0	c4 01	
2023/05/12	18:14:54.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_AUTO	1	07-F0	c0	
2023/05/12	18:14:56.0	XRT_CTRL_MANU_402_OG [0x192]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	18:14:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]	MDP_XRT_CTRL_MANU	1	07-F0	c1	
2023/05/12	18:15:00.0	AOCs_OrE-point_Start_1_OG [0x097]	XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00	
			AOCU_NM	5	02-76	02 04 8b 01 db	

2023/05/12	18:15:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/05/12	18:15:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/05/12	18:15:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/05/12	18:15:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/05/12	18:15:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	18:17:56.0	XRT_QT_PROG_SET_431_OG [0x1af]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	13		
2023/05/12	18:17:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2023/05/12	18:39:00.0	XRT_Custom_430_OG [0x1ae]						
2023/05/12	18:40:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	19:42:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	19:42:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	19:42:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	19:42:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/12	19:45:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/12	20:16:01.0	XRT_Custom_430_OG [0x1ae]						
2023/05/12	20:17:01.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	21:20:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	21:20:32.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	21:20:34.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	21:20:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/12	21:23:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/12	21:53:00.0	XRT_Custom_430_OG [0x1ae]						
2023/05/12	21:54:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/12	22:59:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	22:59:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	22:59:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	22:59:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/12	22:59:54.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	22:59:56.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/12	22:59:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]						
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00		
2023/05/12	23:00:00.0	AOCS_OrE-point_Start_6_OG [0x09c]						
		AOCU_NM	5	02-76	01	04 8b 01 db		
2023/05/12	23:00:18.0	XRT_FLD_ENA_411_OG [0x19b]						
		MDP_XRT_FLD_ENA	1	07-F0	d8			
2023/05/12	23:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]						
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8			
2023/05/12	23:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]						
		MDP_XRT_AEC_RESET	1	07-F0	d0			
2023/05/12	23:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]						
		MDP_XRT_ARS_DIS	1	07-F0	d5			
2023/05/12	23:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/12	23:02:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/12	23:02:56.0	XRT_QT_PROG_SET_438_OG [0x1b6]						
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	07		
2023/05/12	23:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]						
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04		
2023/05/12	23:28:30.0	XRT_Custom_430_OG [0x1ae]						
2023/05/12	23:29:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/13	00:37:00.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/13	00:37:02.0	XRT_CTRL_MANU_402_OG [0x192]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			
2023/05/13	00:37:04.0	XRT_FLD_RESET_415_OG [0x19f]						
		MDP_XRT_FLD_RESET	1	07-F0	da			
2023/05/13	00:37:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]						
		MDP_XRT_PREFLR_STRT	1	07-F0	e8			
2023/05/13	00:40:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]						
		MDP_XRT_PREFLR_STOP	1	07-F0	e9			
2023/05/13	01:05:00.0	XRT_Custom_430_OG [0x1ae]						
2023/05/13	01:06:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]						
		MDP_XRT_CTRL_AUTO	1	07-F0	c0			
2023/05/13	02:10:30.0	XRT_CTRL_MANU_400_OG [0x190]						
		MDP_XRT_CTRL_MANU	1	07-F0	c1			

2023/05/13	02:10:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	02:10:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	02:10:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/13	02:13:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/13	02:29:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	02:29:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	02:29:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22 fe 97 00				
2023/05/13	02:30:00.0	AOCS_Ore-point_Start_1_OG [0x097]							
		AOCU_NM	5	02-76	02 04 8b 01 db				
2023/05/13	02:30:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/05/13	02:30:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/05/13	02:30:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/05/13	02:30:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/05/13	02:30:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	02:32:56.0	XRT_QT_PROG_SET_431_OG [0x1af]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 13				
2023/05/13	02:32:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/05/13	02:43:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/13	02:44:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/13	03:43:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	03:43:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	03:43:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	03:43:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/13	03:46:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/13	03:59:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	03:59:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	03:59:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/05/13	04:00:00.0	AOCS_Ore-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00 00 00 00				
2023/05/13	04:00:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/05/13	04:00:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/05/13	04:00:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/05/13	04:00:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/05/13	04:00:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	04:02:56.0	XRT_QT_PROG_SET_416_OG [0x1a0]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4 11				
2023/05/13	04:02:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5 04				
2023/05/13	04:21:30.0	XRT_Custom_430_OG [0x1ae]							
2023/05/13	04:22:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/13	05:12:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	05:12:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	05:12:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	05:12:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/13	05:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/13	06:00:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/13	06:01:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/13	06:03:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	06:03:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	06:03:58.0	XRT_FOCUS_POSITION_406_OG [0x196]							
		XRT_FOCUS_POSITION	4	07-F8	22 ff aa 00				
2023/05/13	06:04:18.0	XRT_FLD_DIS_409_OG [0x199]							
		MDP_XRT_FLD_DIS	1	07-F0	d9				
2023/05/13	06:04:20.0	XRT_FLRCTRL_DIS_413_OG [0x19d]							
		MDP_XRT_FLRCTRL_DIS	1	07-F0	c9				
2023/05/13	06:04:22.0	XRT_ARS_DIS_401_OG [0x191]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				

2023/05/13	06:06:58.0	XRT_QT_PROG_SET_444_OG [0x1bc]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	03			
2023/05/13	06:07:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/13	06:13:54.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	06:13:56.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	06:13:58.0	XRT_FOCUS_POSITION_410_OG [0x19a]							
		XRT_FOCUS_POSITION	4	07-F8	22	fe 97 00			
2023/05/13	06:14:00.0	AOCS_ORe-point_Start_7_OG [0x09d]							
		AOCU_NM	5	02-76	04 04	8b 01 db			
2023/05/13	06:14:18.0	XRT_FLD_ENA_411_OG [0x19b]							
		MDP_XRT_FLD_ENA	1	07-F0	d8				
2023/05/13	06:14:20.0	XRT_FLRCTRL_ENA_412_OG [0x19c]							
		MDP_XRT_FLRCTRL_ENA	1	07-F0	c8				
2023/05/13	06:14:22.0	XRT_AEC_RESET_448_OG [0x1c0]							
		MDP_XRT_AEC_RESET	1	07-F0	d0				
2023/05/13	06:14:24.0	XRT_ARS_DIS_423_OG [0x1a7]							
		MDP_XRT_ARS_DIS	1	07-F0	d5				
2023/05/13	06:14:26.0	XRT_FLD_RESET_434_OG [0x1b2]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	06:16:56.0	XRT_QT_PROG_SET_407_OG [0x197]							
		MDP_XRT_QT_PROG_SET	2	07-F0	c4	0b			
2023/05/13	06:16:58.0	XRT_FL_PROG_SET_418_OG [0x1a2]							
		MDP_XRT_FL_PROG_SET	2	07-F0	c5	04			
2023/05/13	06:17:00.0	XRT_CTRL_AUTO_408_OG [0x198]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/13	06:52:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	06:52:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	06:52:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	06:52:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/13	06:55:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/13	07:38:00.0	XRT_Custom_430_OG [0x1ae]							
2023/05/13	07:39:00.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/13	08:32:30.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	08:32:32.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	08:32:34.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	08:32:36.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/13	08:35:44.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/13	09:16:30.0	XRT_Custom_430_OG [0x1ae]							
2023/05/13	09:17:30.0	XRT_CTRL_AUTO_424_OG [0x1a8]							
		MDP_XRT_CTRL_AUTO	1	07-F0	c0				
2023/05/13	10:12:00.0	XRT_CTRL_MANU_400_OG [0x190]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	10:12:02.0	XRT_CTRL_MANU_402_OG [0x192]							
		MDP_XRT_CTRL_MANU	1	07-F0	c1				
2023/05/13	10:12:04.0	XRT_FLD_RESET_415_OG [0x19f]							
		MDP_XRT_FLD_RESET	1	07-F0	da				
2023/05/13	10:12:06.0	XRT_PREFLR_STRT_436_OG [0x1b4]							
		MDP_XRT_PREFLR_STRT	1	07-F0	e8				
2023/05/13	10:15:14.0	XRT_PREFLR_STOP_419_OG [0x1a3]							
		MDP_XRT_PREFLR_STOP	1	07-F0	e9				
2023/05/13	10:47:00.0	AOCS_ORe-point_Start_2_OG [0x098]							
		AOCU_NM	5	02-76	00 00	00 00 00			