						<u>C</u>	outy Cycl	le and Tim	ing -	Jur	ne 2014							
~ 1 s (varies)			~ 300 ms (varies)															
~ 500 ms (varies) 100 ms							488 ms			100 ms			488 ms					
?	? 23 ms 17 ?			17 ms ?	4.8625 ms		?		23 ms 17 ms ?			4.8625 ms						
		30 ms			30 ms		300 µs				30 ms	30 ms		300 µs				
DC MOT							1.609 ms			DC N	MOT			1.609 ms				
Dump Pictures		⊣igh B-Fi∈	∍ld		Cooling		1.9067 ms				High B-Field	Cooling	9	1.9067 ms				
		Push Beam					OP Field (to DAQ)				Push Beam			OP Field (to DAQ)				
							OP Laser							OP Laser				
Trap Light							1.910 ms	Trap Light		Trap	Light			1.910 ms	Trap Light			
								2.9555 ms							2.9555 ms			
							1.907 ms	AC-MOT (to DAQ)							AC-MOT (to DAQ)			
• Flip $\sigma_{\scriptscriptstyle{+}}$ / $\sigma_{\scriptscriptstyle{-}}$ after every 16th cycle.							Repeat X10						Repeat X10	0				
										Rep	eat X15						Ī	
Repeat Forever																	<u>-</u>	
																		+