

# Energy levels

411 nm  
 $8S_{1/2}$

442 nm  
 $6D_{3/2,5/2}$

852 nm  
 $6P_{3/2}$

$6S_{1/2}$

Mode-locked laser spectrum  
BW: 40nm



SLM bandpass  
@ 852nm

Clock transition 9.2Ghz