Ballast system is enabled and disabled once it has reached a certain depth.

**Important Links:**

<http://docs.bluerobotics.com/bar30/> //contains sample code and documentation on the barometer.

<https://www.bc-robotics.com/tutorials/controlling-a-solenoid-valve-with-arduino/> //contains instructions for using solenoids.

<https://www.arduino.cc/reference/en/language/functions/external-interrupts/attachinterrupt/> //detecting change in power or pin signal. Used for having UUV “go up”.