**Required Materials**

* PUCKfish prototype boards
* PUCKfish prototype housing
* Laptop
* Protractor
* Cables

**Setup**

* Connect prototype board to laptop wirelessly and confirm adequate battery charge on both devices
* Confirm the IMU responds to rotation and movement as expected
* Insert the prototype board into the prototype housing
* Wrap Teflon sealing tape on external threading CLOCKWISE several times, making it up and down the threading, before firmly tightening the cap

**Testing Procedure**

* Place prototype housing underwater
* Run code to collect data from the IMU
* Using a protractor, verify the prototype precisely reports the angle it is held at
* If the body of water has the capability of flow, measure the angle the prototype reaches with several flow rates

**Measurable Criteria**

* Prototype connects to laptop
* Prototype records and sends data outside of housing
* Prototype records and sends data inside of housing, but above water
* Prototype records and sends data inside of housing, underwater
* Prototype precisely reports angle
* Data is capable of building a model correlating angle to flow speed