

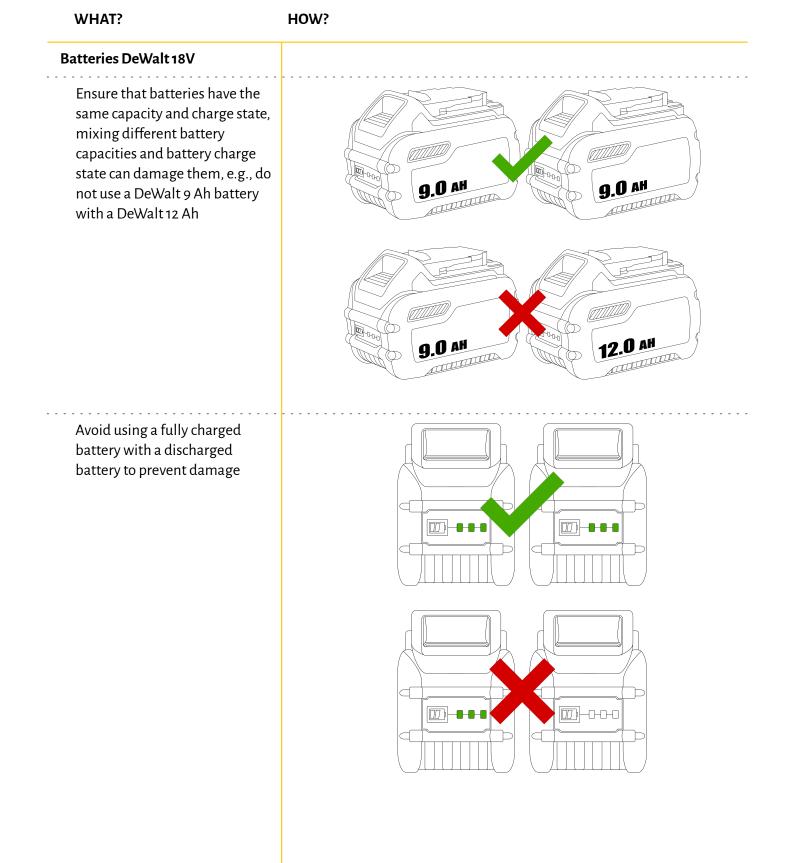
USV : Flow Series Check List Version 1.2.2 2023

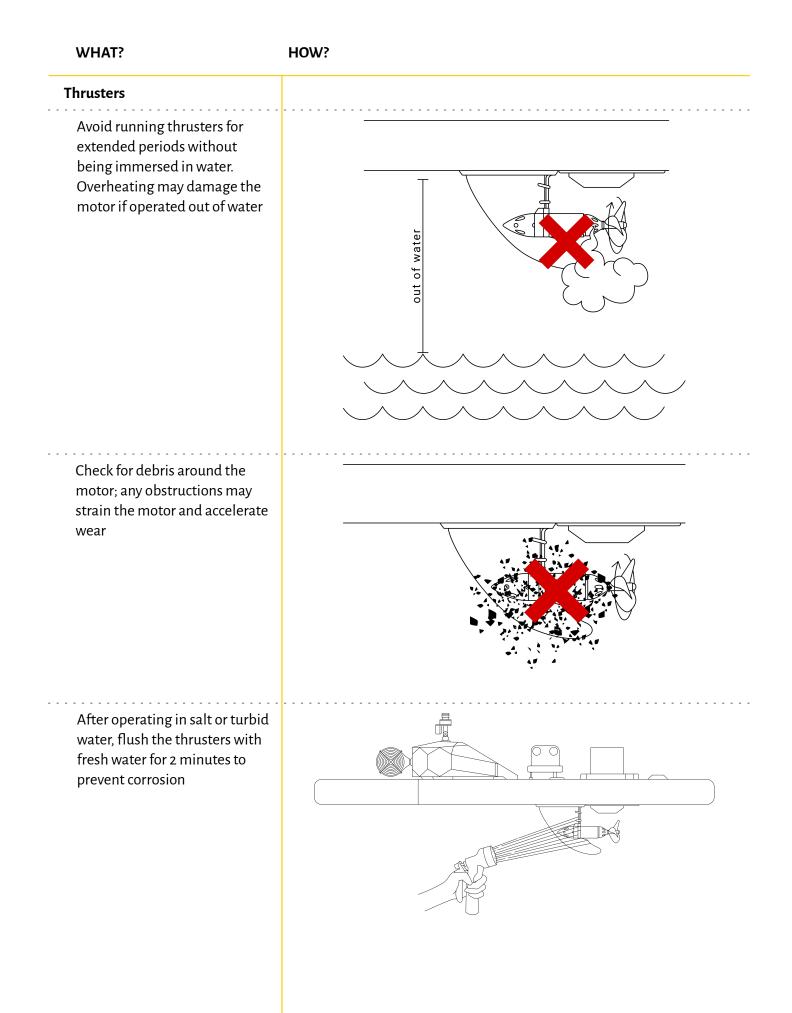
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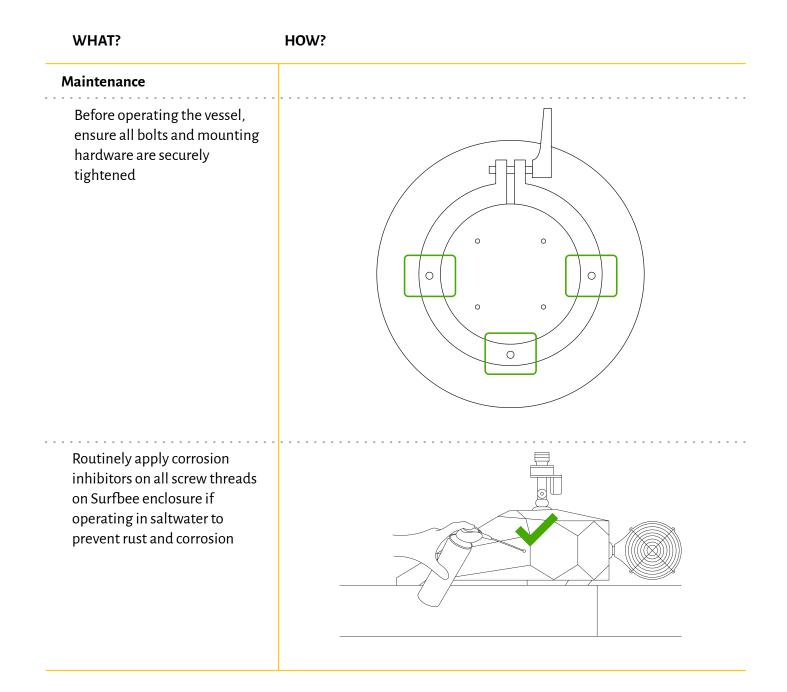
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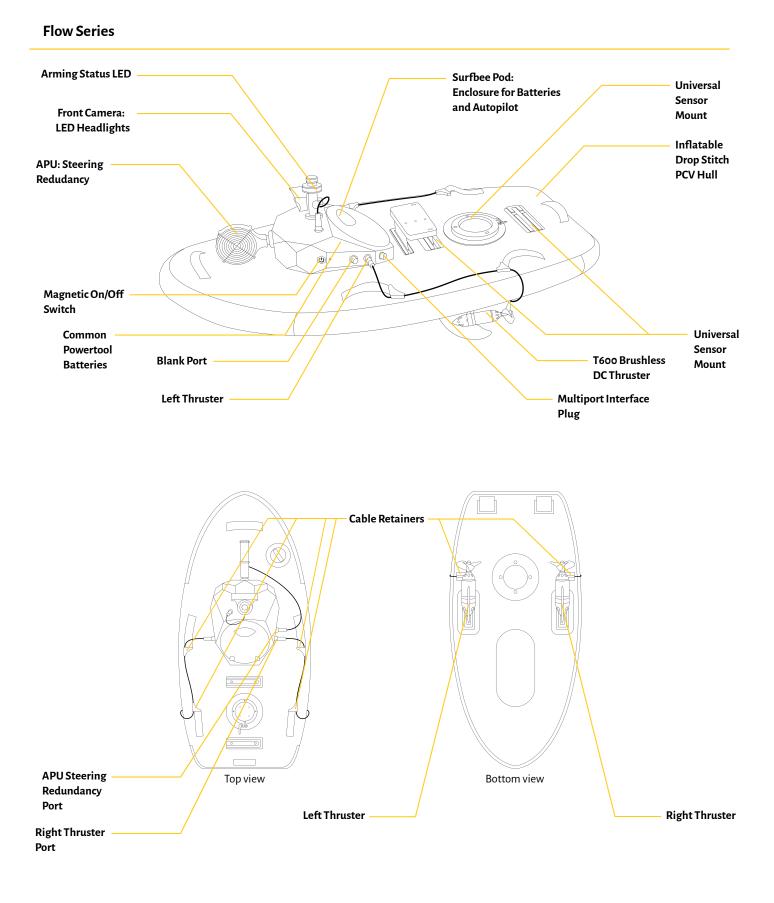
Please Read Before Operation



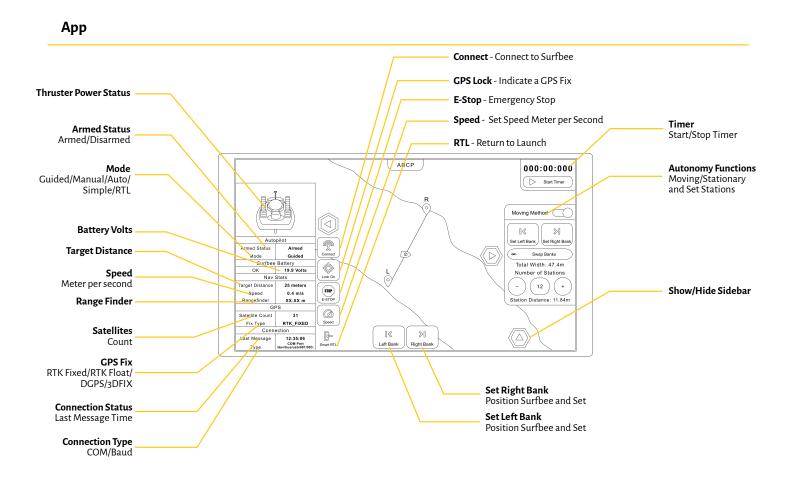




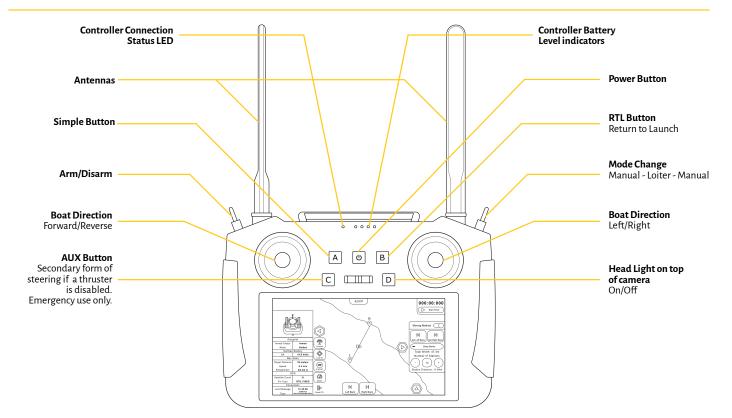
Equipment



Equipment

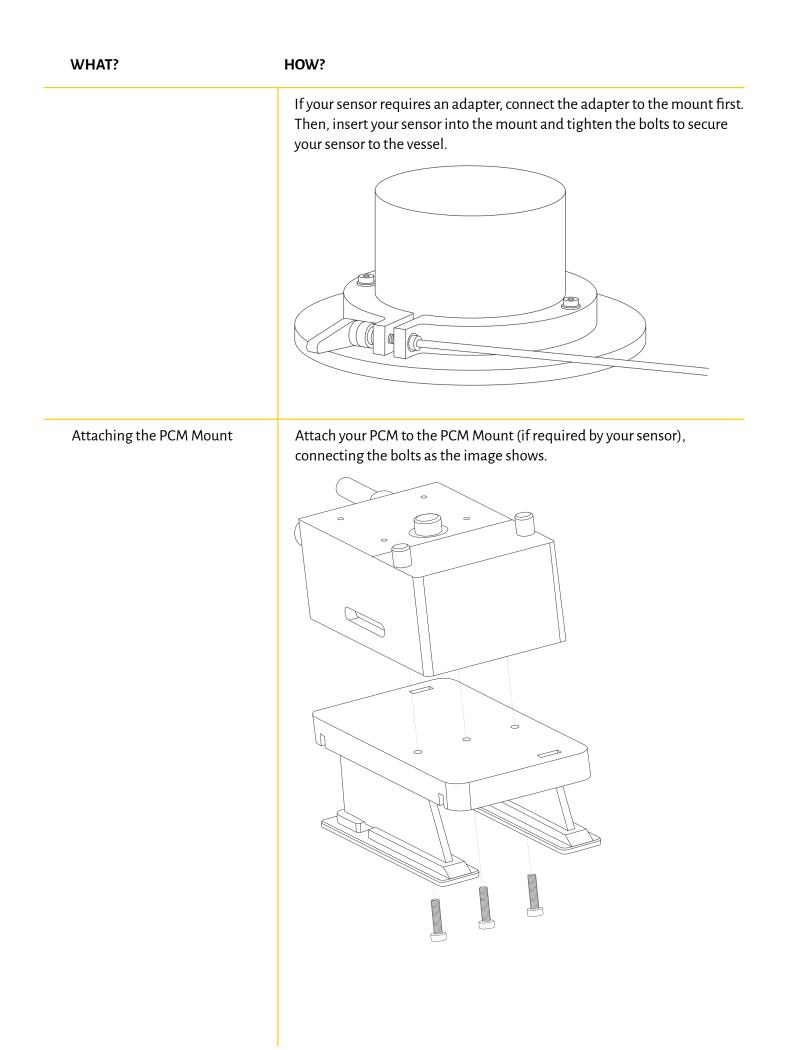


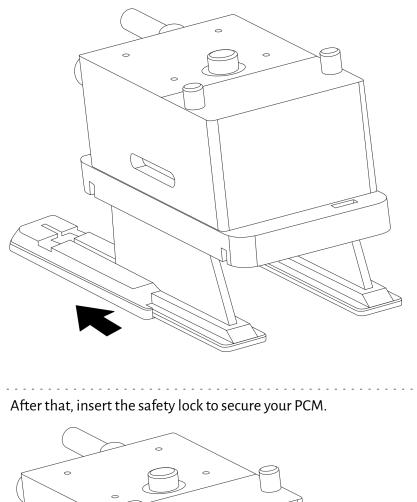
Controller



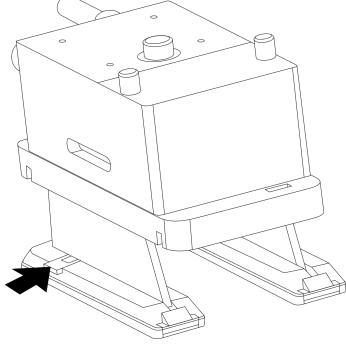
Assembling Your Surfbee Flow Series

WHAT?	HOW?
Inflate Your Vessel's Hull	Connect the air pump to your vessel and inflate to the correct air pressure (9PSI minimum) before use to maintain stability and buoyancy.
Attach the Mounts to the Vessel	<image/>

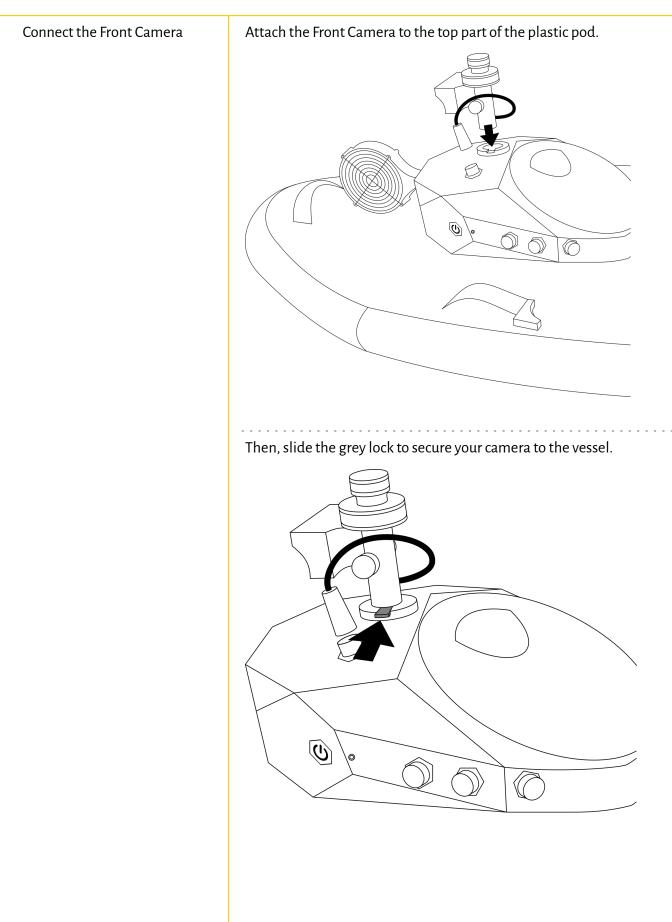




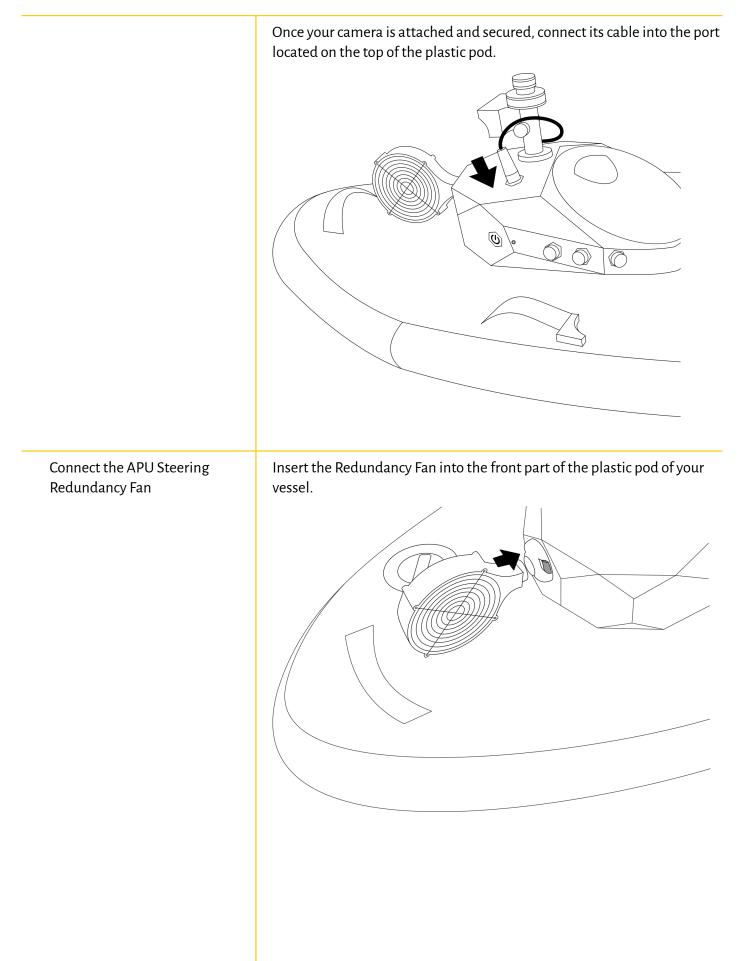
Then, slide the PCM Mount into one of the 2 universal mount points located on the top of your vessel.

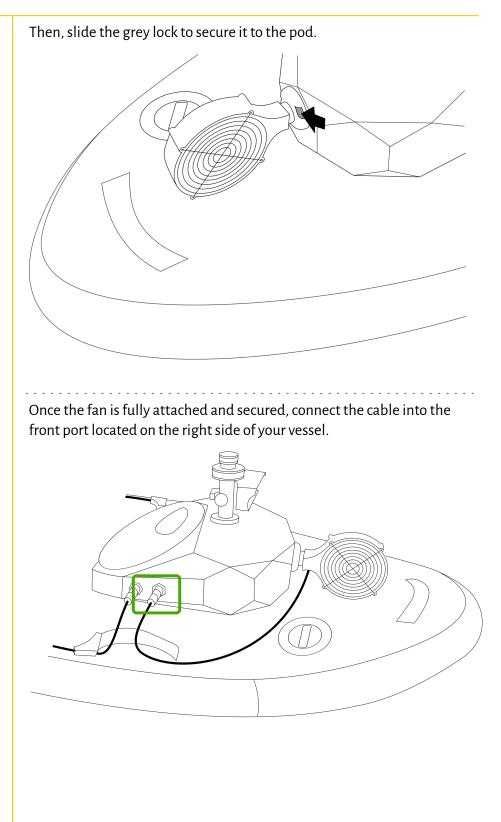


WHAT?

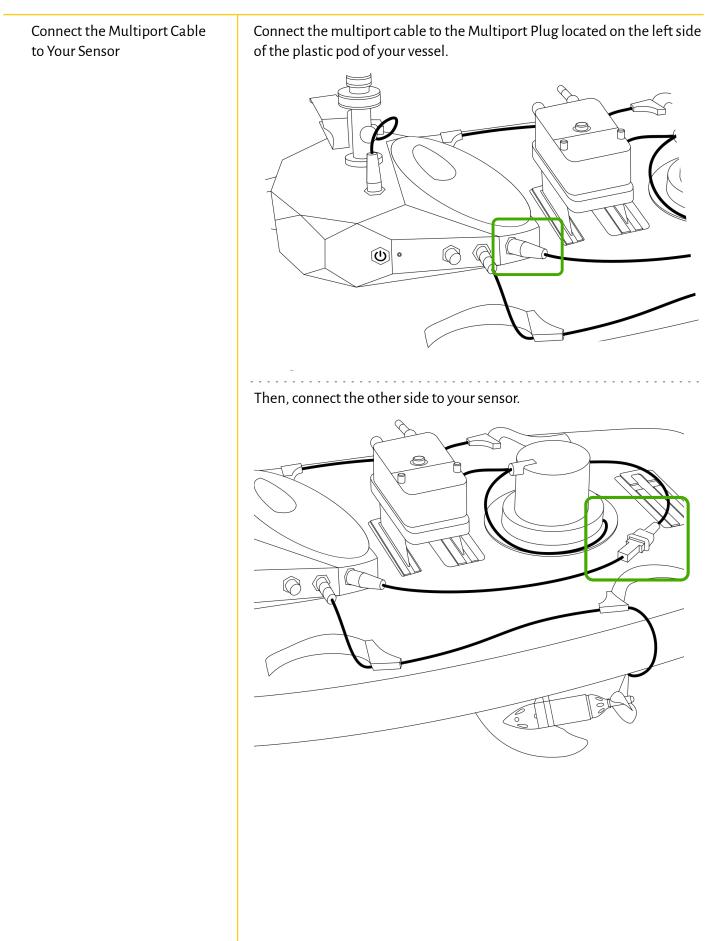


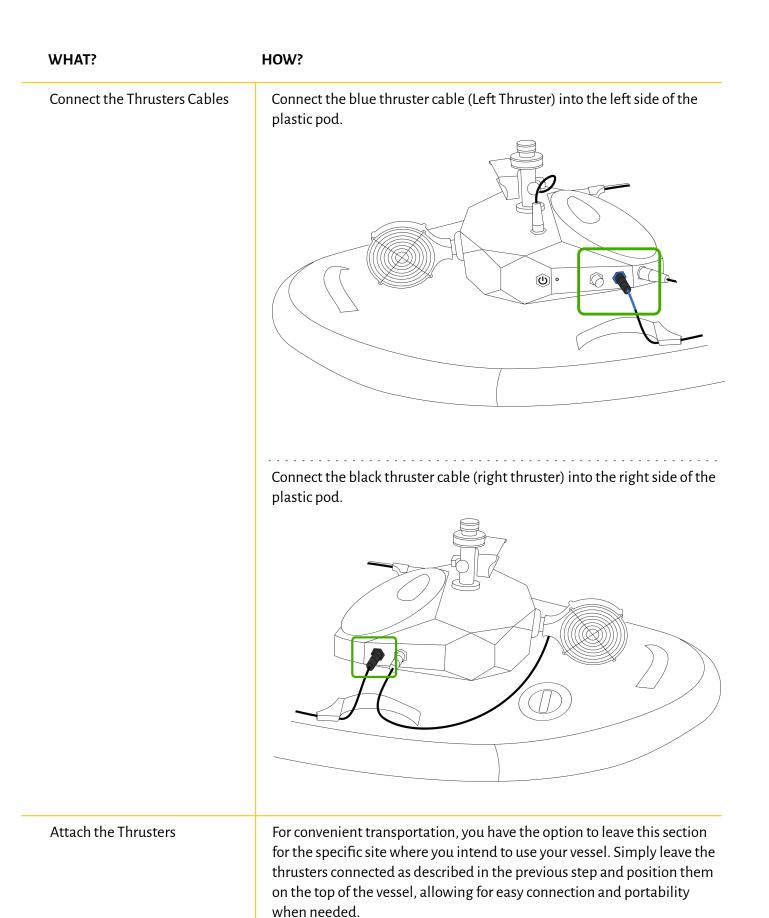
WHAT?





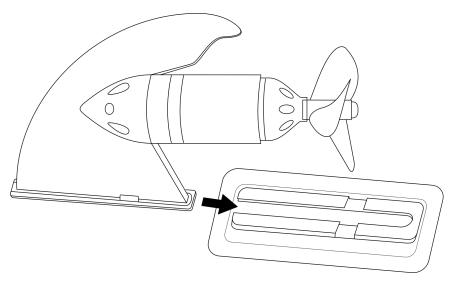
WHAT?



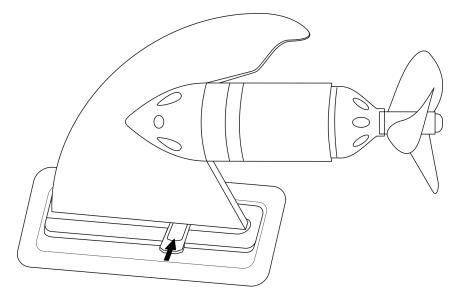


Surfbee Flow Series Launch Checklist

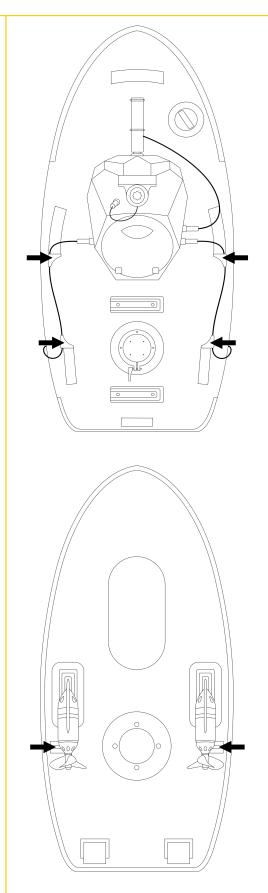
Slide each thruster, on its respective side, into the mount located in the bottom part of your vessel.



Then, slide the safety lock to secure your thrusters.



Securely fasten your thruster's cable and affix them to their respective retainers. Begin by fastening the bottom connections and then the top ones, ensuring that no loose cable ends are beneath the vessel.

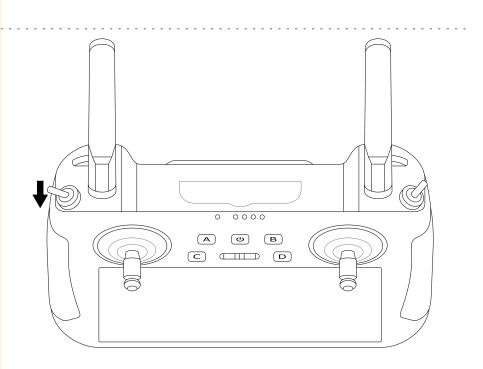


Controller Functions

Controller Functions

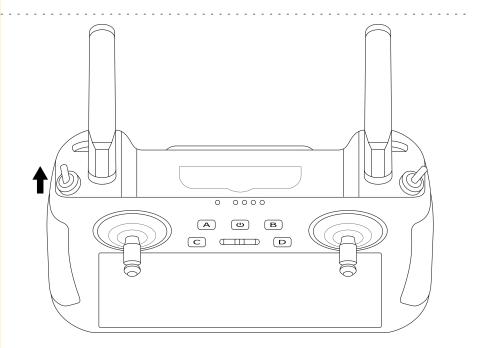
Arming Switch

Activates Surfbee thrusters and sets RTL (Return to Launch) location. Wait 90 seconds after power on before arming to allow autopilot GPS to gather location data. The vessel must be armed to operate.



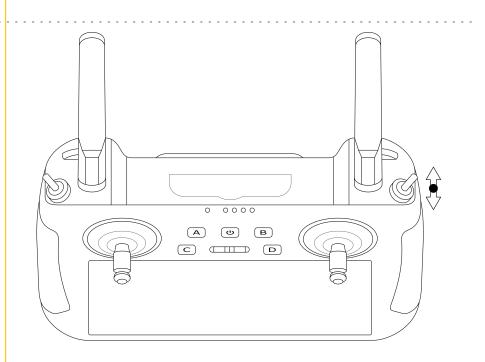
Disarm Switch

Deactivates Surfbee thrusters. Use this mode for transporting the vessel between the vehicle and water.



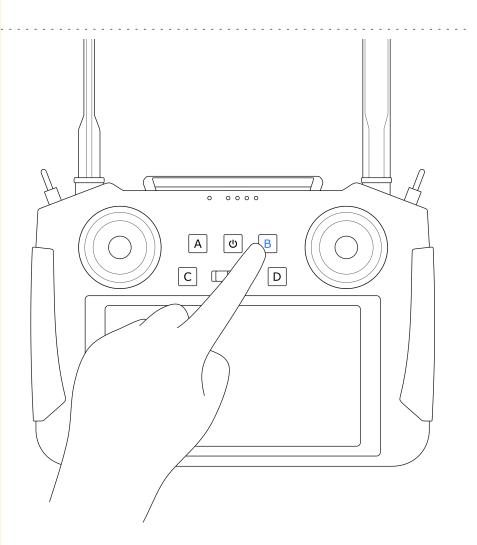
Loiter

Autonomously holds the Surfbee's location when activated. Be cautious, as activating on land may cause the thrusters to engage.

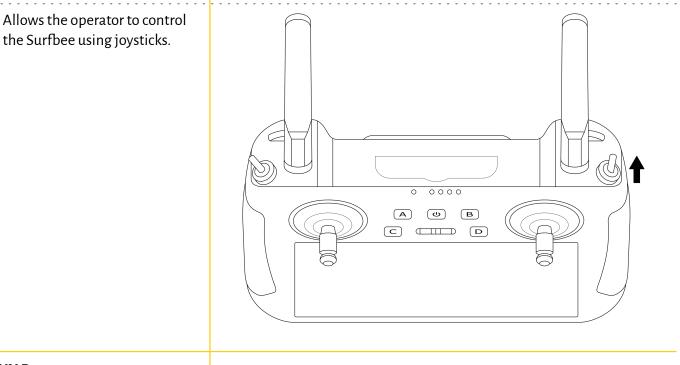


RTL (Return to Launch)

Returns the Surfbee to its armed position. It will also RTL when the lowest battery level is reached or if radio transmission is lost for 5 seconds.

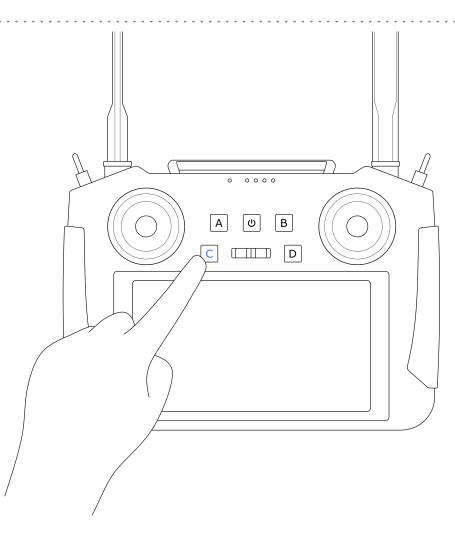


Manual Mode

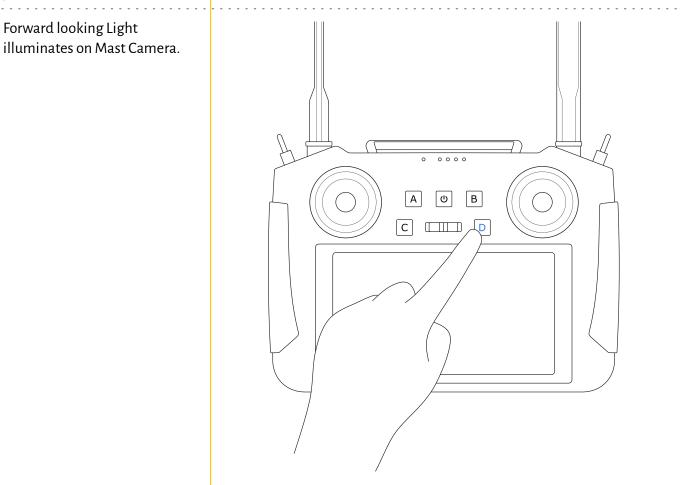


AUX Button

Secondary form of steering if a thruster is disabled, activating the APU (Auxiliary Propulsion Unit). Use for emergencies only and limit to 5 minutes of continuous use to prevent overheating.

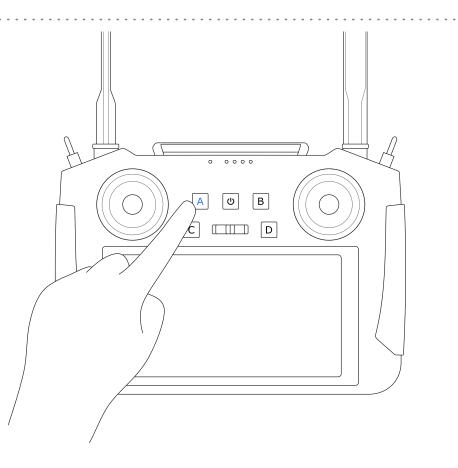


Light Button

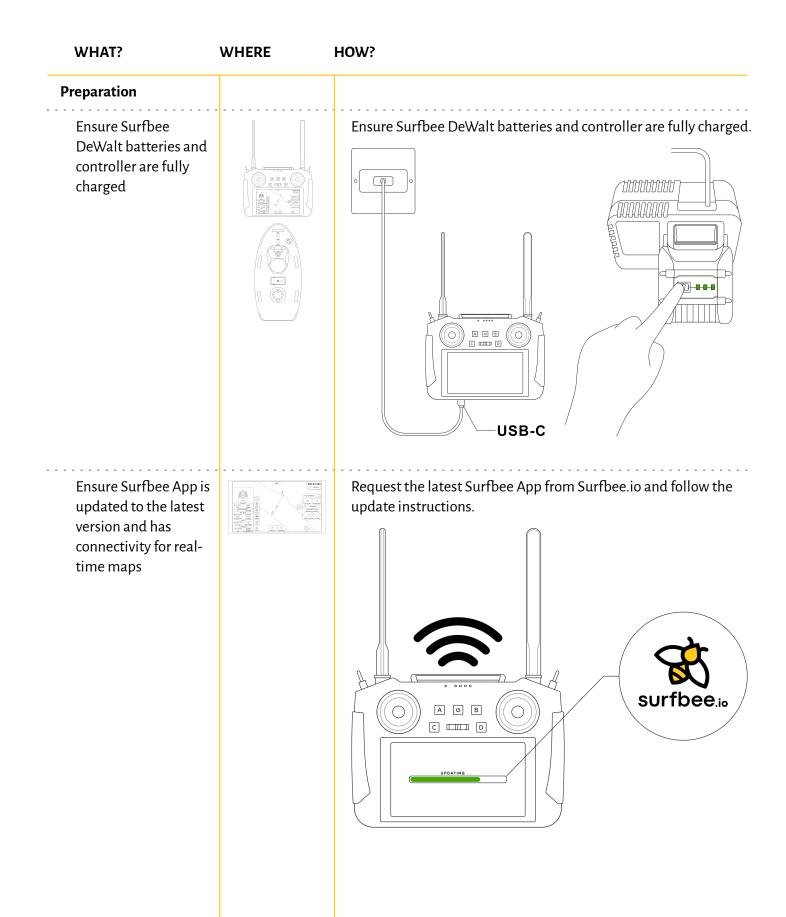


Simple Button

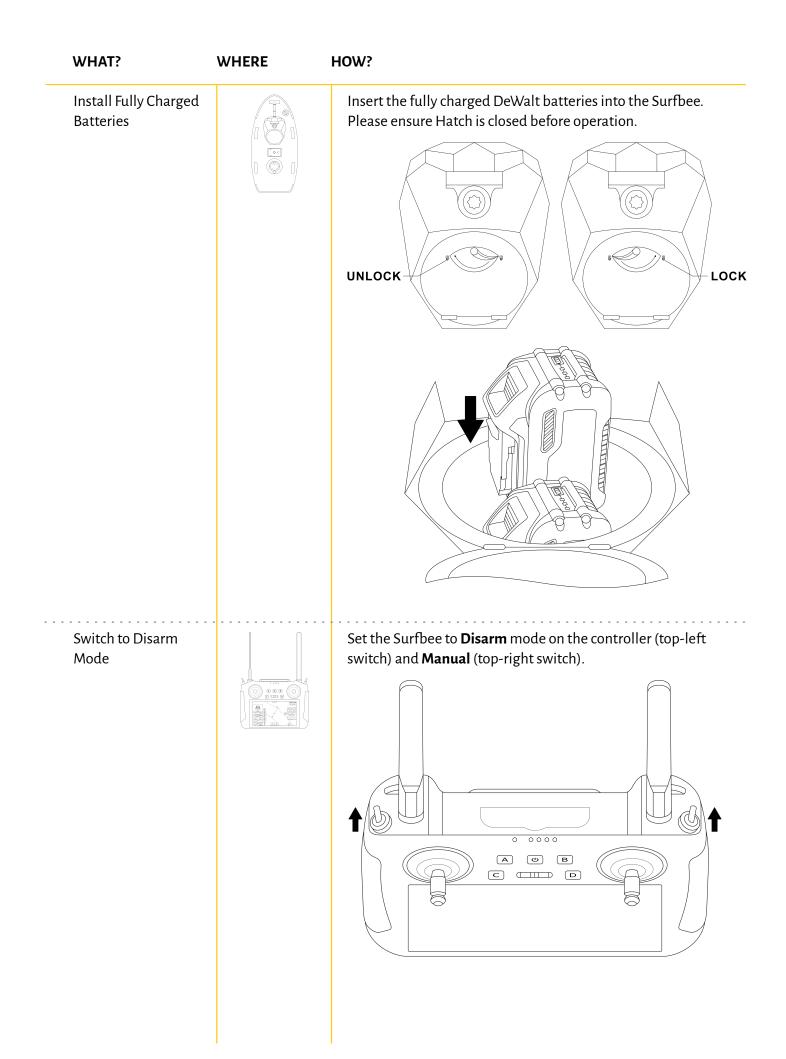
Switches configuration of control to allow a simple operating experience for inexperienced operators.

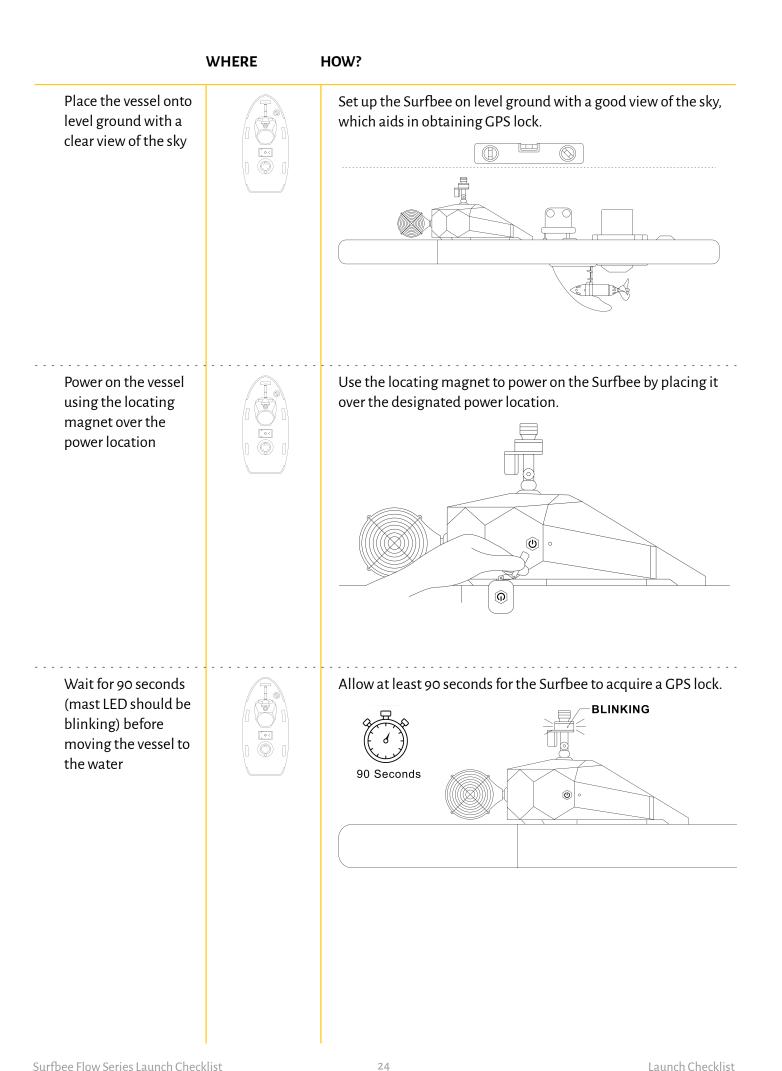


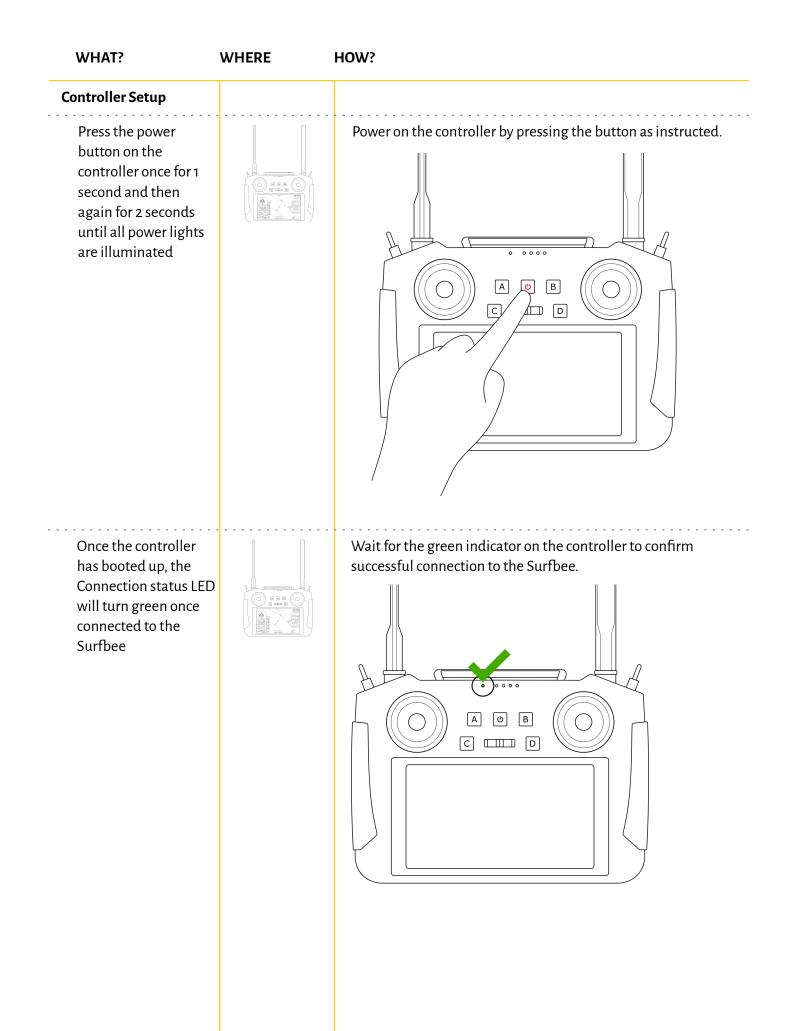
Launch Checklist

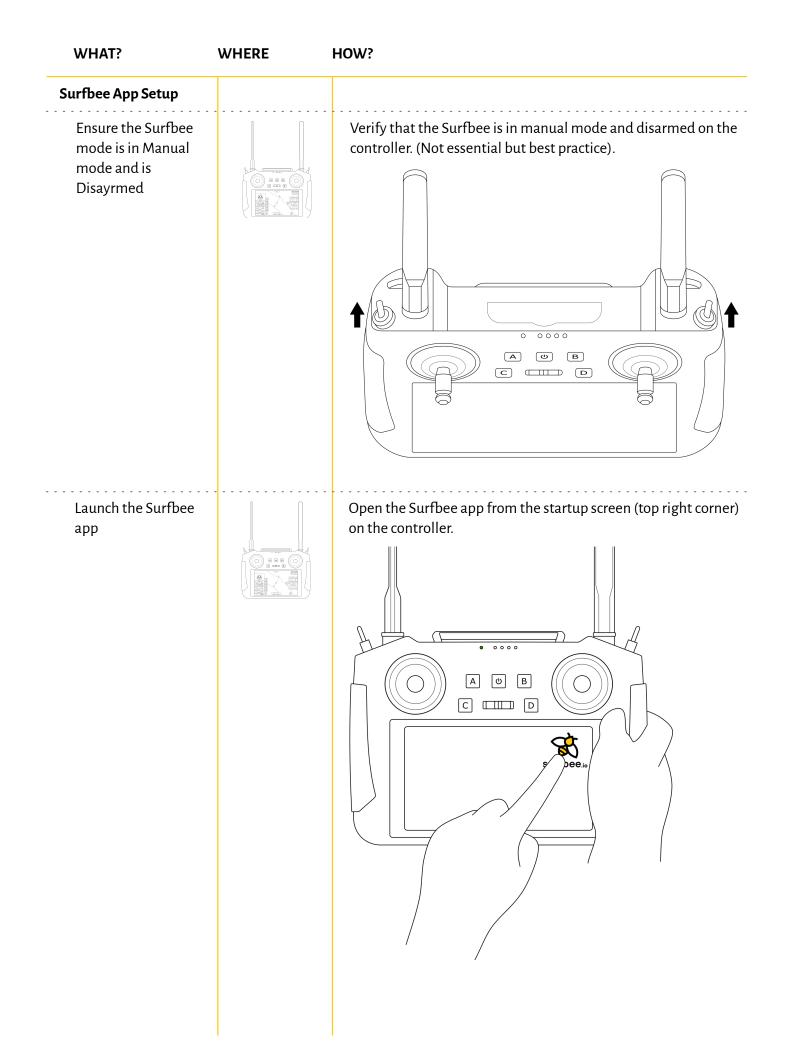


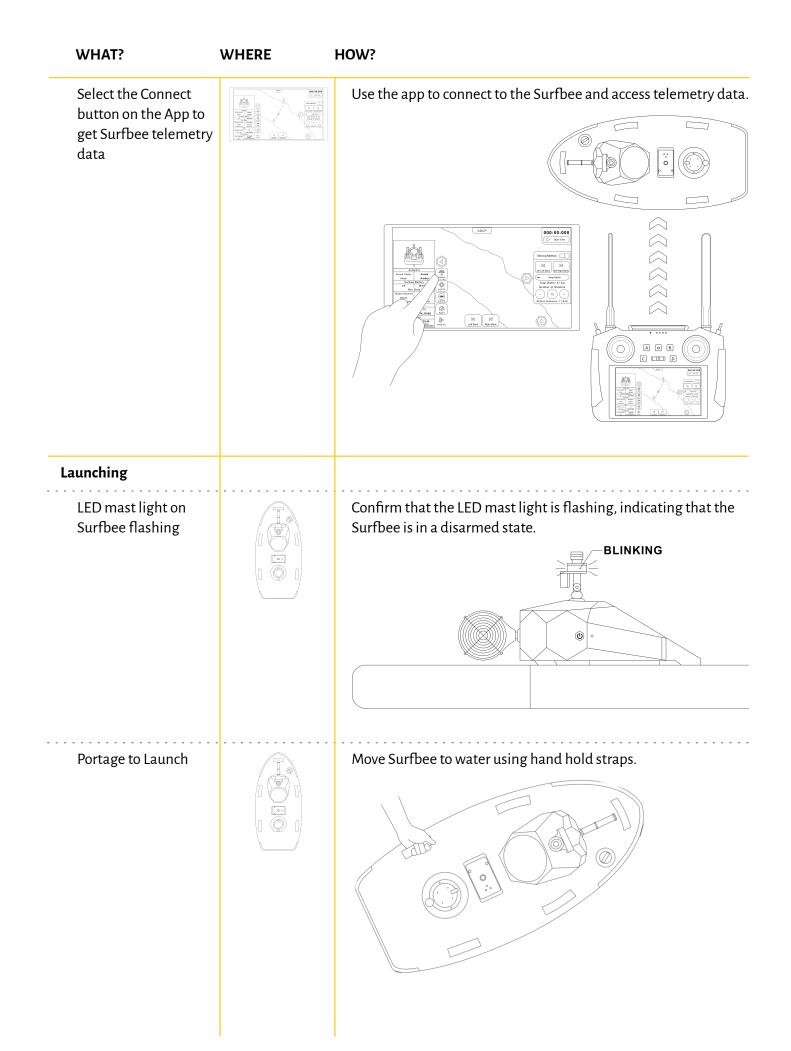
WHAT?	WHERE	HOW?
On-Site Setup		
Fit Thrusters and Sensor		Securely attach thrusters to the underside mounts of the Surfbee in the correct Left (Blue marker to Blue locking nut) and Right configuration.
		Insert the sensor into the locking collar and check that the height is suitable for the application, then tighten the locking collar with a 4mm allen key.

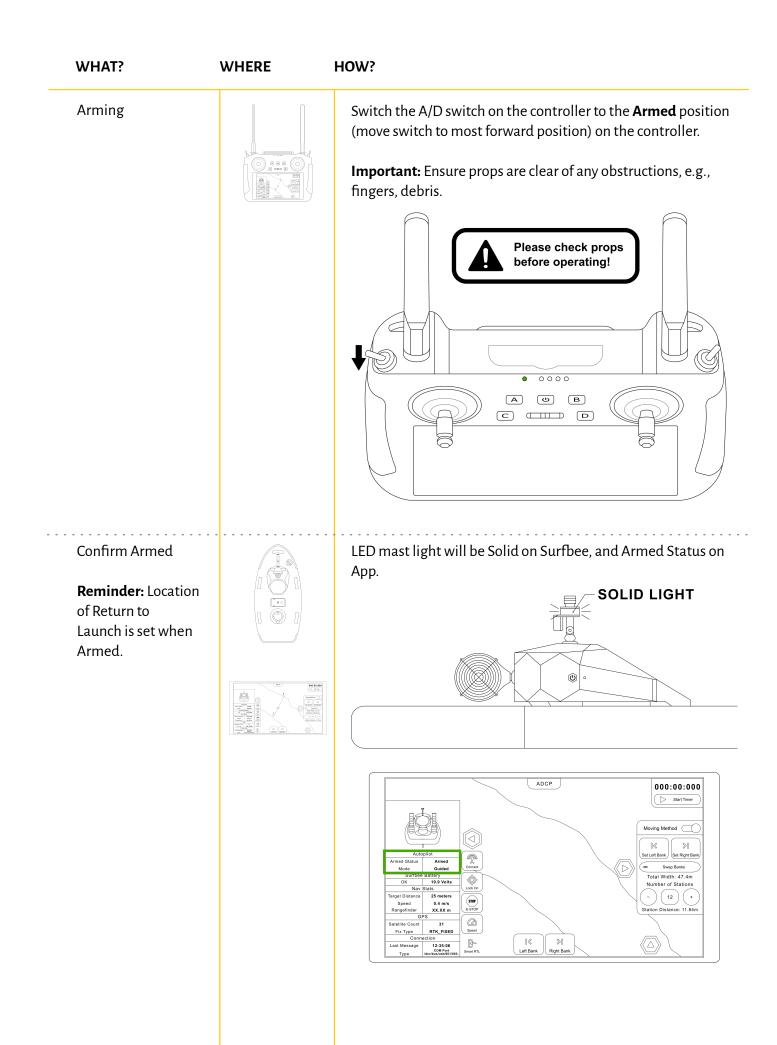


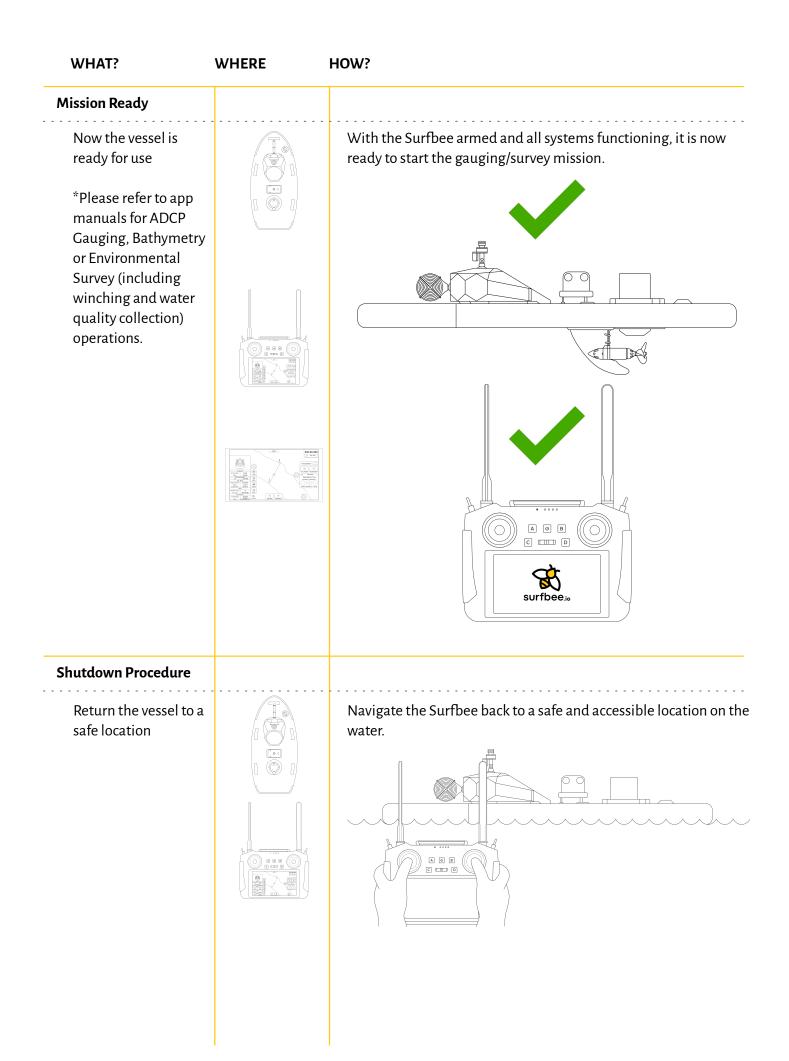


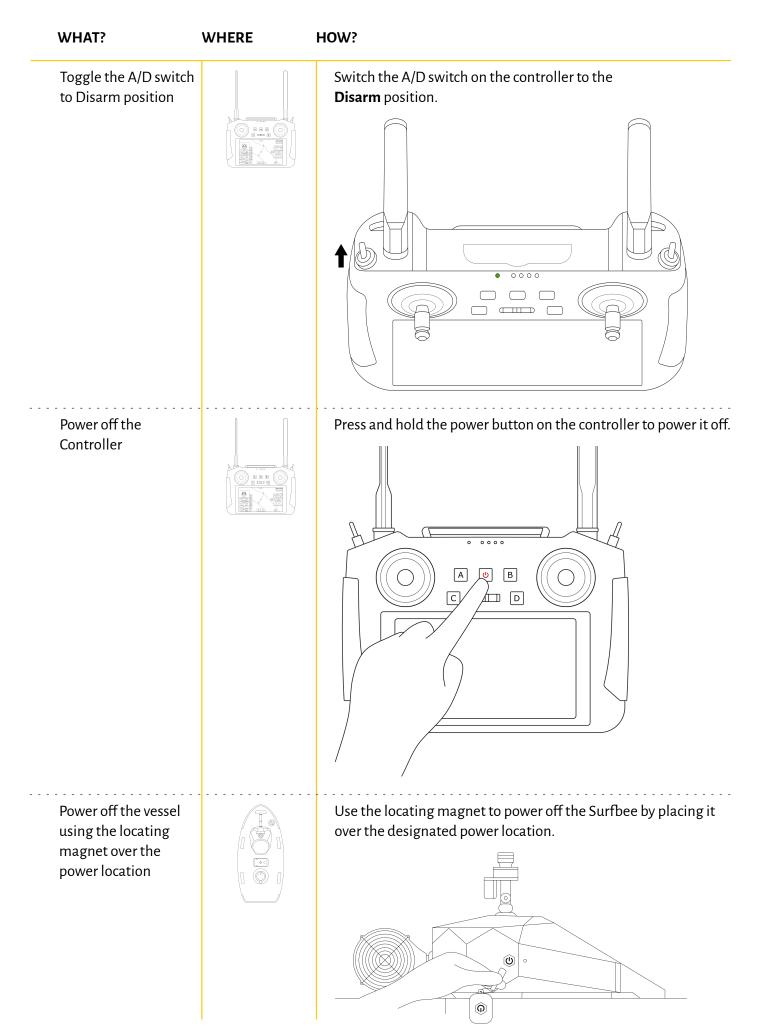


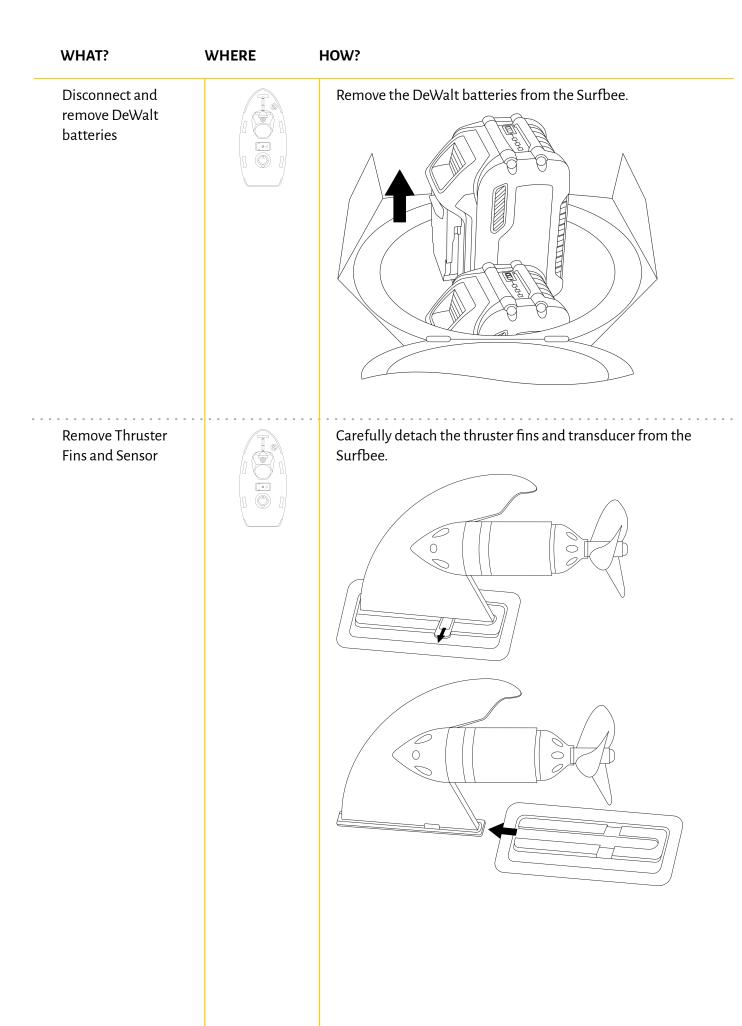


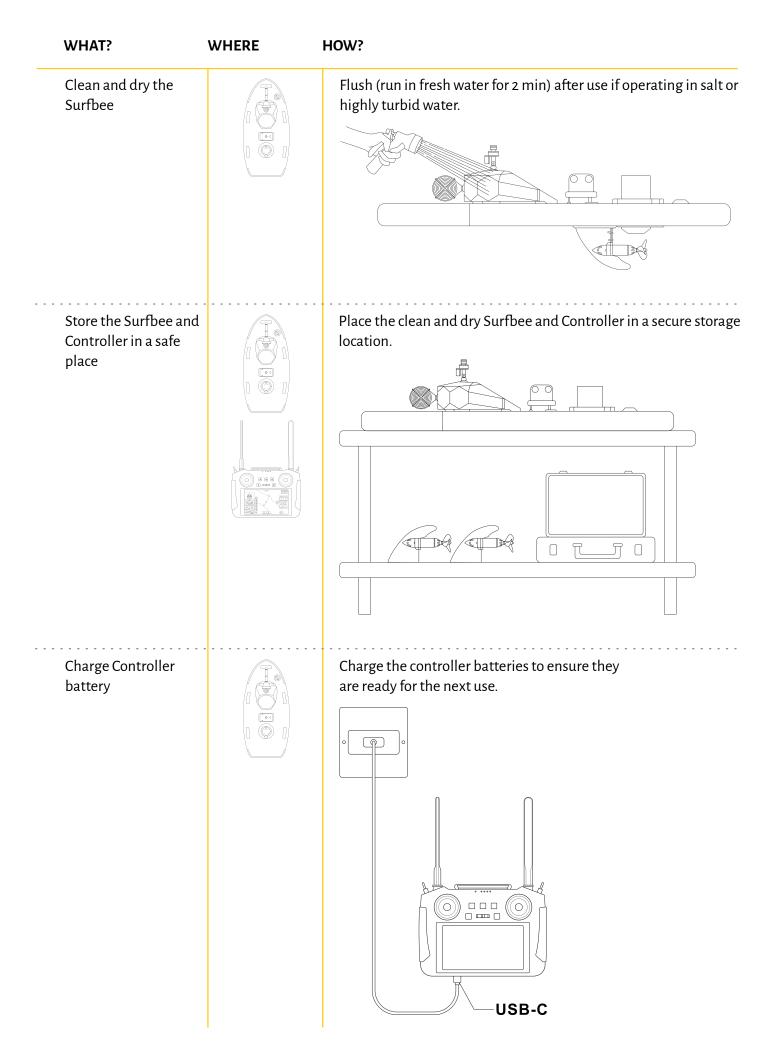


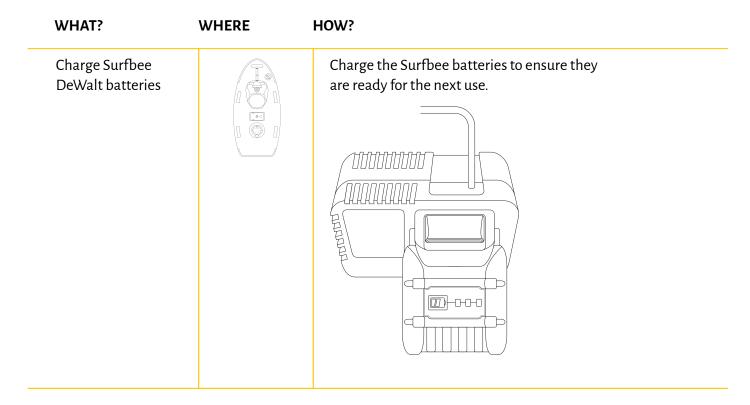












Warranty Information

Warranty

- a. Manufacturer's Warranty: Thruster, Hull, and Electronic Hardware.
- b. **Duration:** The warranty coverage for the Thruster, Hull, and Electronic Hardware is valid for a period of 6 months from the date of purchase.
- c. **Coverage:** This warranty covers defects in materials and workmanship under normal use and service. If a product is found to be defective in material or workmanship during the warranty period, it will be repaired or replaced at the manufacturer's discretion.
- d. **Exclusions:** Misuse by Customer: The warranty does not cover damages or defects arising from: Improper use or installation, Use of the product for purposes other than its intended function, Impact damages, such as dropping or colliding the product with another object, Overloading or using the product in a manner inconsistent with its specifications, Environmental Factors: Damage caused by exposure to extreme temperatures, corrosive environments, water ingress (unless the product is specifically designed to be waterproof), or UV damage is not covered, Unauthorised Repairs/Modifications: Any alterations, modifications, or repairs not authorized by the manufacturer will void the warranty.
- e. **Normal Wear and Tear:** The warranty does not cover cosmetic damages or damages resulting from normal wear and tear.
- f. Batteries are excluded from warranty.