

FAQ

- **Do I leave my data collector on the BathyCat While surveying?**

Normally the user will leave the data collector inside the water tight hatch. The sonar will be connected via USB and the GPS will sit topside and communicate with the data collector via bluetooth. You can Also bring the GPS hardwire thru one of the water tight cable glands.

- **How Fast can I survey?**

Typically survey speed is 2-3 mph.(1 m/s) I have found most users tend to go max throttle 8mph most of the time. This will burn the battery life by up to 8x and could lead to poor data. Patience goes a long way when driving the BathyCat.

- **Fast Moving river Cross Sections, Can it make it?**

If you are going to attempt a fast moving river crossing with any brand of RC boat, I would not. If anything goes wrong with signals or communication it may mean a total loss. The BathyCat will not sink even under extreme conditions, its water tight, but it could float away. Tying a line to the BathyCat and pulling it back and forth using 2 people is a great way to get the data and not lose any gear.

- **Can I use the BathyCat's sonar system on my fishing boat for a survey?**

Yes the bl200 sonar is removable and comes as a complete kit with boat mount and poles ready to go on any craft. Its just about a 5 minute job to remove the bl200 from the BathyCat. The Bathy Cat user Video covers this.

- **How far away can I drive the BathyCat with the remote control?**

We use a advanced RC Aircraft transmitter and receiver that has a long range, over a mile over water line of sight. Normally the human eye can not see what direction the boat is going at 600-800 ft away. This makes it impossible to steer, so normally the user tries to stay with eyesight range to control it and keep it safe. WiFi Cameras are a great add-on customers can explore. The BathyCat has plenty of deck space for mounting.

- **Can I use the BathyCat in Tailings ponds?**

Yes the bathyCat was designed with a HDPE hull and the thrusters are resistant to corrosion. A good cleaning with fresh water while the motors are running slow will ensure everything lasts a long time.

- **Can I add a ADCP to the BathyCat?**

Yes the BathyCat has a 25lbs payload and the lower universal 5/8- 11 threaded mount can hold a variety of sensors. Today's ADCP's have become much smaller and lighter then the older models of just 5 years ago.

- **Can I use a robotic Total Station with the BathyCat?**

Yes just fix the prism on top using the 5/8-11 threaded mount. Your data collector would be inside the bathyCat getting depths from the hard-line and position via radio link from the robotic. Normally this is done on smaller sections with a canopy or under a bridge.