

Model 305 Mobile Tag System

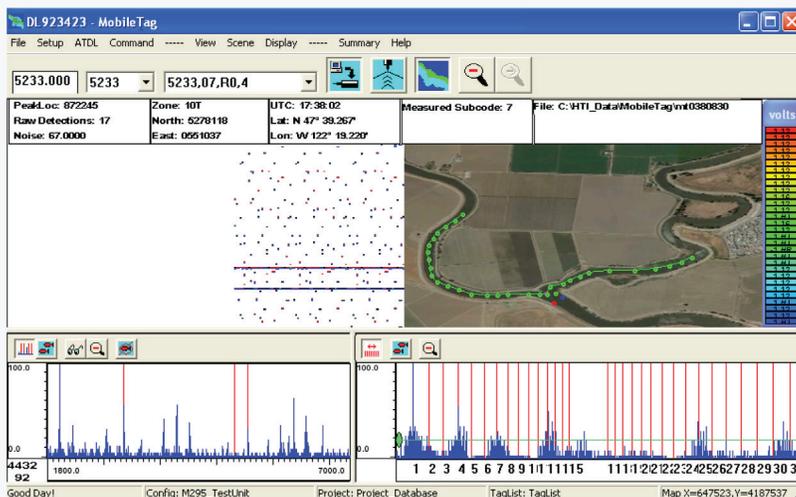
Simultaneously detects and identifies tagged fish in real-time while recording the boat's GPS positions in mobile surveys

Operating at 307 kHz and designed specifically for mobile acoustic tag surveys, the Model 305 Mobile Tag System provides a simplified method for detection and identification of tagged fish.

Using an omni-directional or directional hydrophone and the *MobileTag* software, the system simultaneously detects and identifies tagged fish in real-time while recording the boat's GPS positions in mobile surveys.

Acoustic tag signals and GPS positions can be displayed on a Geo-Referenced map image (see below).

The system is contained in a customized Pelican case to allow easy movement and operation between multiple vessel platforms. The internal rechargeable battery provides up to 18 hours of operation on a single charge.



The green track shows the GPS positions of the boat and the red and blue dots indicate the location of detected and identified tagged fish.

Benefits

- » Provides presence / absence data while simultaneously identifying tagged fish
- » Immune to data collisions and false positives
- » Manage data logger settings, view data and check battery status at any time
- » Ideal for complementing fixed-station telemetry studies and evaluating mortality between fixed arrays
- » Proprietary signal encoding improves accuracy of tag position measurements

Pair With

The Model 305 Mobile Tag System is used as a system with:

- » Model 795 Acoustic Tags
- » Model 590 Hydrophone
- » Model 690 Hydrophone Cables (variable lengths available)
- » *MobileTag* Software



PRODUCT SPECIFICATIONS



Frequency

307 kHz

Dimensions

Mobile Tag Data Logger:

30 x 13 x 7 cm
(11.87 x 5.12 x 2.75 inches)

Pelican Case Interior:

47.3 x 36 x 19.6 cm
(18.63 x 14.17 x 7.72 inches)

Weight

1.3 kg (2.5 lb)

Power Supply

Nickel-metal hydride battery supply

Power Consumption

1.3 watts

Operating Temperature

0-50°C (32-120°F)

Maximum Cable Length

3,000 ft (914.4 m)

Software

MobileTag software (designed specifically for the Model 305 Mobile Tag System)

Computer Requirements

Contact Innovasea for computer specifications

Ready to Get Started? [Contact us](#) today.

About Innovasea

Innovasea designs the world's most technologically advanced aquatic solutions for fish tracking and builds them to withstand the toughest conditions. It's all driven by a commitment to make our ocean and freshwater ecosystems sustainable for future generations. Today. Tomorrow. For life.



www.innovasea.com/fish-tracking

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