

Tender Monitoring

Yacht Trace TM01 is an independent monitoring system designed specifically for superyachts and their tenders. Developed in-house by experts in superyacht security, defence-grade projects, and critical industries. Yacht Trace offers a higher level of security that aligns with insurance requirements, giving owners peace of mind in every voyage.

Key Features:

•Towing Protection

Inline with insurance requirements for pre-emptive information and data day or night being sent to the bridge.

•Anti-Theft Protection

Hidden installation with geo-fence breach alerts. Tracks via RF communication (10-15 miles) with Iridium backup, aiding in tender recovery and salvage rights.

•Bilge and Battery Alerts

Enhances safety with real-time monitoring and pre-emptive notifications, includes Roll, Pitch, Yaw.

•Insurance-Approved

Recognised by insurers for reducing deductibles and permitting night towing and extended distances.

•Remote Capability

Operates seamlessly where cellular-based systems fail, ensuring coverage in the most remote locations.

Why Choose Yacht Trace?

•Two-Way Communication

Setup is controlled via the mothership, keeping the tender system discreet and eliminating the need for onboard adjustments at sea.

•Independent Water Level Sensors

No splicing into bilge pumps, preserving tender warranties.

•Proprietary Hardware & RF Comms

Fully designed in-house and compliant for global use.

•Quick Installation

Set up in just 2-3 hours, wireless sensors, reducing costs and crew workload.

•Standalone System

Does not rely on the mothership's AIS - simplifying installation and operation.

•Future-Ready

Seamless integration with upcoming battery monitoring add-ons.



Yacht Trace Towing of Tender monitoring system is recognised by Pantaenius Yacht Insurance as providing the added protection for towing at night

PANTAENIUS
YACHT INSURANCE



Data

Sheet



Ease of install

Wireless sensors

- Dedicated RF link from tender to Mothership
- No need to set up on tender before starting monitoring
- User configurable alarms on key parameters
- Anti theft features

Physical Environment

Bilge Sensor - 80mm x 80mm x 60mm + Bilge Switch

- Yacht Bridge Display- 270mm x 246mm x 124mm (Peli® 1200 case)
- Yacht Mast Unit- 120mm x 120mm x 70mm
- Tender/Chase Hub Unit - 120mm x 120mm x 70mm
- Bilge Sensor Weight - 380g
- Yacht Bridge Display Weight- 2kg
- Yacht Mast Unit - 340g
- Tender/Chase Hub Unit 340g
- Operating Temperature of Mast and Hub Units -25°C to 75 °C
- Operating temperature of Bridge Display 0°C to 40°C

Communication

- Wireless IEEE 802.15.4 communication between sensors and hub unit on tender*
- Dedicated RF link between Hub Unit and Mast Unit. 1 nm
> Range < 10nm**
- Wi-Fi 802.11 b/g/n communication between Mast Unit and the Bridge Display
- Satellite tracking option

Electrical Power

- BilgeSensor - 2 x AA batteries
- Yacht Bridge Display- 12/24V <250mA
- Yacht Mast Unit- 12/24V<100mA
- Tender/Chase Hub Unit - 12/24V<250mA

Power Connections

- Yacht Bridge Display 230/110V Type C
- Mast Unit M12 x 5 IP67
- Hub Unit M12 x 5 IP67

Yacht Bridge Display

- 4.3" TFT
- Capacitive touch screen.
- 480 x 272 px



Testimonial

Steven O'Brien

I was blown away by the top notch service that was provided by this company. Always one step ahead and the communication was excellent.



Instagram



Web Site



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Super Yacht Technology



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