

TowPro
PROTECTING YOUR TOW



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Towed tenders cause some of the most frequent losses experienced in superyacht insurance

TowPro minimises the risk of loss

TowPro is simple to install and easy to use

TowPro is recommended by leading Insurers

TowPro - complies with IMO and SOLAS regulations while towing

TowPro is an innovative new range of tow protection products, developed specifically to help a Captain minimise risks when towing.

Towing a tender carries inevitable risk of loss: potentially amassing costs for Insurers and owners, disappointment for guests, and additional planning for Captains.

To comply with their policy, Captains are required to produce a tow plan showing how they will protect their tow. Insurers then use this to determine levels of restriction for cover while towing.

Monitoring & Recovery

Tow Protection phase:	BEFORE an incident occurs	WHEN an incident occurs	AFTER an incident occurs
Objectives:	Alert to issues and can act before an incident occurs	Immediate awareness to enable prompt action	Track & find drifting tender for recovery at time of loss or later; warn other vessels of the hazard
TowPro 200		"Tow lost" bridge alarm integrated with yacht alarm management system	Automatic record of tender's 'last known position'
TowPro 300 (includes TowPro200)			Illumination of tender to aid recovery; COLREG lights to warn other vessels
TowPro 1000 (includes TowPro 200 & 300)	Bridge display and alerts for tender safety and tow stability (battery, water level, bilge pump, surfing, etc.)	"Battery failure" and "Tender swamping" bridge alarms	AIS broadcast plus Iridium website position reports; SOLAS notification to other vessels. (independent 5-day battery)

Simple to install & use

TowPro is a compact, easy to install electronics sensing and communication device, which delivers the right information to Captains at the right time for them to minimise the risk of loss

"Close to the Coast" operations

TowPro "Close to the Coast" products are designed for use by Captains towing over shorter distances in lighter weather, by day or night and in poor visibility. When the crew act promptly, it is expected that even if the tender battery is flat, a lost tender can be located and safely recovered at the time of the incident.

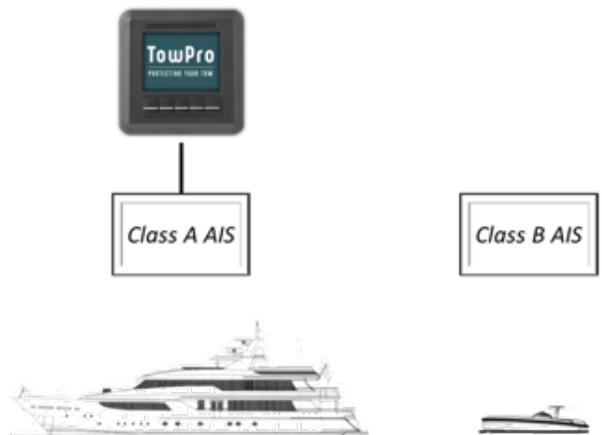
TowPro 200

Immediate awareness

TowPro 200 continuously monitors the tender throughout the tow for tow failure and low battery level. In the event of tow failure, the TowPro automatically records the last known positions for the tender.

Records and displays the last known position of the tender.

Designed for use in near coastal waters for rapid recovery of lost tows.



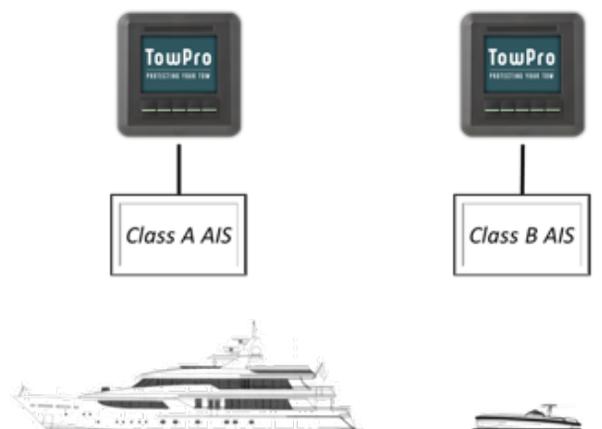
TowPro 300

Immediate awareness, visibility & notification

TowPro 300 continuously monitors the tow and automatically activates COLREG lights and tender illumination if tow fails.

Automatic activation of COLREG "not under command" lights. Illumination makes nearby vessels aware of the hazard and aids recovery of the tender.

Designed for use in near coastal waters for rapid recovery of tows lost at night or in poor visibility.



TowPro - Simple & Secure

SIMPLE - easy to install, easy to use and easy to upgrade
SECURE - entirely independent of yacht networks

“Offshore” operations

TowPro “Offshore” products are designed for use by captains towing longer distances, by day, night and in poor visibility. Weather conditions may change during the tow and a safe refuge may be at greater distance. It may not be possible to safely recover a lost tender at the time, so position reporting devices must continue to operate resiliently if the captain decides to return and recover it later.

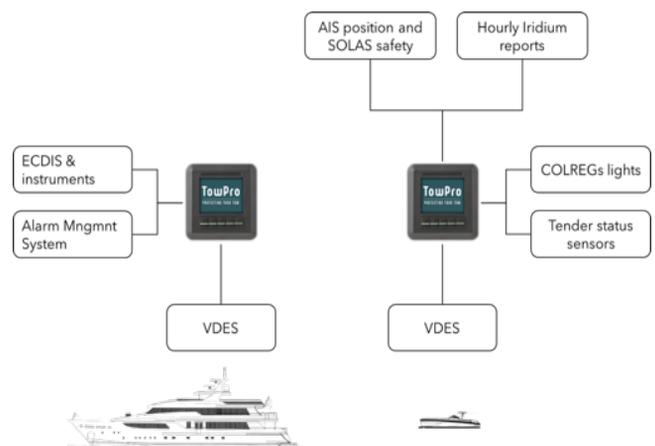
TowPro 1000

Early warning, notification, resilient location

TowPro 1000 provides continuous status information from the tender throughout the tow, to ensure captain is fully aware of issues and can act before losses occur.

AIS broadcasts position and SOLAS warnings to nearby vessels, Iridium reports position to secure tracking website. All with 7-day battery backup.

Comprehensive tow protection system helps captains minimise risk of loss or damage under tow. Complies with IMO regulation on use of AIS when towing



	TowPro 200	TowPro 300	TowPro 1000
Yacht bridge:			
Raises alarm for Tender Adrift	Y	Y	Y
Raises alarm for tender AIS not received	Y	Y	Y
Automatic display of 'Last Known Position' for Tender Adrift	Y	Y	Y
Display and user setting for Tender Adrift tow distance	Y	Y	Y
Integrates with yacht alarm management system	Y	Y	Y
Displays & alarms for tender vital health signs (battery, bilge water level, bilge pump)			Y
Displays & alarms for tow instability (surfing, yawing)			Y
Displays & alarms for tender instability (trim, heel, roll)			Y
Tender:			
Automatic tender lights activation for Tender Adrift		Y	Y
Automatic AIS SOLAS notification for Tender Adrift (7-day internal battery)			Y
Automatic resilient AIS position transmission for Tender Adrift (7-day internal battery)			Y
Automatic resilient hourly Iridium position report for Tender Adrift (7-day internal battery)			Y
Compliant with IMO regulations for use of AIS under tow			Y
Shore based:			
Web tracking portal with global coverage			Y
Automatic position reporting & coordination with captain			Y