











# HullWiper

Cleaning without compromise



# Proactive hull cleaning protects vessel coatings and the marine eco-system



-  **Diver free:** no hard scrubbing, harsh chemicals or abrasive materials used
-  **Eco-friendly:** collects pollutants from cleaning for safe disposal onshore
-  **Around-the-clock:** cleans day or night, during bunker fuel or cargo operations, in most weather conditions
-  **Approved:** granted pre-approval/permission to clean vessel hulls in hub locations around the world
-  **Cleaning:** uses saltwater under pressure as the cleaning medium
-  **Efficient:** improves vessel speed and lowers bunker fuel costs
-  **Quick:** ROV equipped with variable pressure water jets and designed to clean up to 500 m2 per hour
-  **Experts:** 2,500+ hull cleans worldwide since 2013

## Onboard solution

Our onboard solution adds greater flexibility for cost efficient and eco-friendly hull cleaning, effectively enabling any type of vessel to remove fouling on demand.

and innovation by drawing on our own and our partners' strengths - International Paint, a subsidiary of ship hull paint and performance coatings specialist AkzoNobel and underwater drone ROV specialist Orobotix.

Every day your vessel isn't performing at its best costs you time and money. Keeping your hull free of fouling improves fuel efficiency, reduces operational costs and cuts downtime. That's where HullWiper can help.

Our patented Remotely Operated Vehicle (ROV) technology uses adjustable, filtered seawater jets to clean ships' hulls. This controlled method helps protect and extend the lifetime of hull coatings while directing fouling through a managed collection and filtration process for safe, eco-friendly disposal onshore.

HullWiper removes the need for divers for cleaning, significantly reducing the risk to human life. It also enables fast mobilisation and demobilisation on site, supporting efficient cleaning in port or off port limits.

## Smart cleaning

Our technology cleans up to 97% of submerged surfaces, excluding niche areas, and leaves vessel hulls smoother than traditional methods. Over time, this results in fewer

microns removed from the coating and more consistent hull performance.

With a nominal cleaning speed of 500 m<sup>2</sup> per hour, HullWiper delivers efficient hull maintenance using variable speed, direction, and pressure settings to match different coating types and levels of biofouling.

Where required, the ROV can be connected to modular topside filtration units, including options for 10 µm fine filtration, heavy metal reduction, solid waste separation, and UV treatment to meet local environmental regulations.

## Compliance and ethics

All HullWiper operations are performed in strict adherence to our Health, Safety, Security & Environment (HSSE) policies.

Vessels on a tight schedule can perform a partial or full hull clean on a planned rotation. Cruise vessels and superyachts can clean at every stop without interruption to their timetables or inconvenience to passengers.

The ROV can be included in the design phase for newbuilds with an on-deck solution, door or hatch in the side of the hull or a futuristic moon pool.

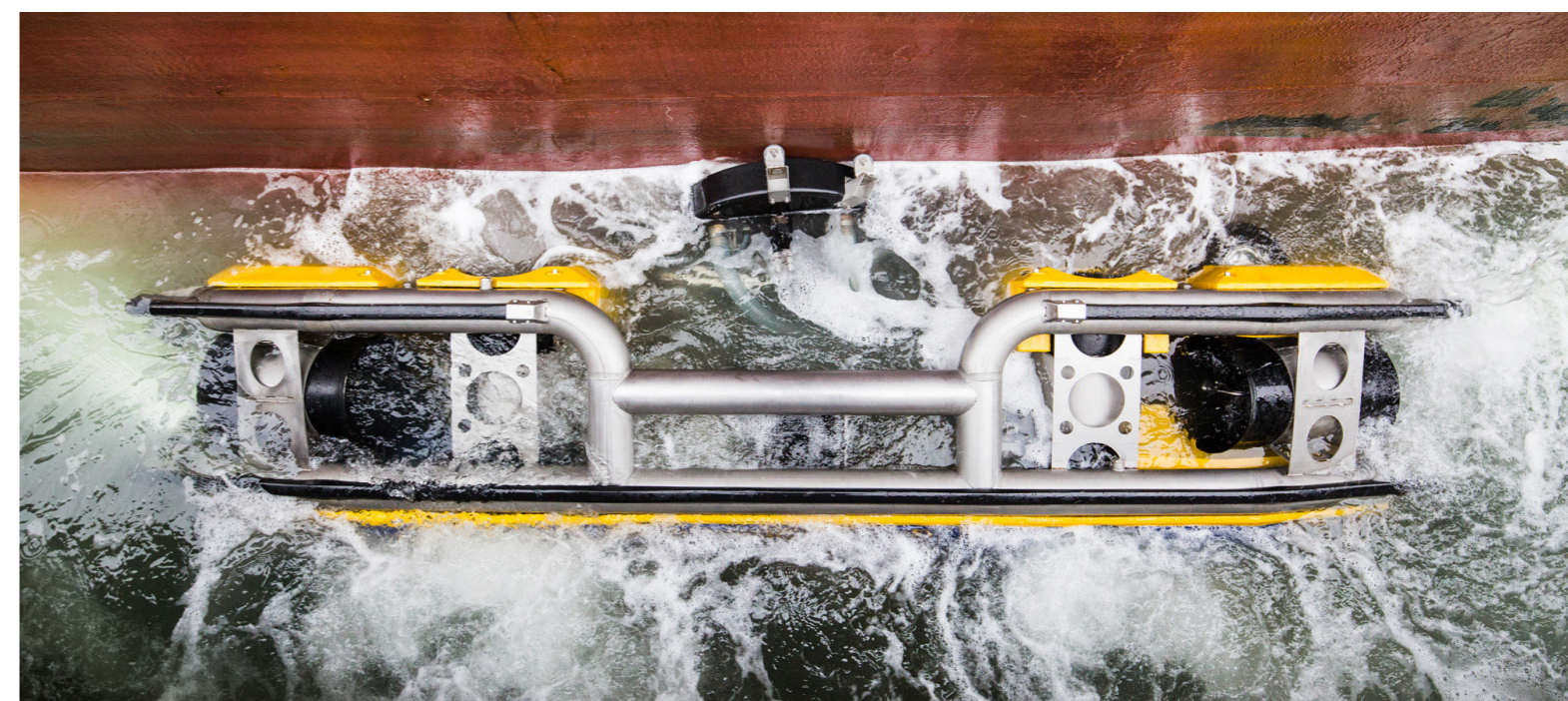
## Intertrac® HullCare

HullWiper has formed a partnership to provide ship owners and operators with comprehensive and eco-conscious hull care support. Intertrac® HullCare combines technology

The full maintenance package includes:

- Regular inspections, analysis and reporting to track hull condition
- Savings on fuel consumption while enhancing vessel speed and operational efficiency
- ROV inspection information in quarterly reports
- Annual condition reports including biofouling development assessments in line with the ISO 19030 standards

## Fast, safe and sustainable hull cleaning for vessels of all shapes and sizes





# Talk to our Experts

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