

# **HULLWIPER**

Environmentally-friendly, cost-effective and diver-free underwater hull cleaning



## CLEAN AND GREEN HULL CLEANING SERVICE

HullWiper's unique brushless technology meets the need for hull cleaning that protects vessel coatings, and the environment.



Our Remotely Operated Vehicle (ROV) gives ship owners/operators the benefits of a clean hull without compromising the delicate marine environment. Vessel speed and fuel efficiency are significantly improved, driving down operational costs.

#### Effective ROV technology

Unlike conventional methods using divers with abrasive brushes, HullWiper removes fouling with adjustable pressure sea water jets.

It is fitted with a light and camera, allowing the operator to control, monitor and record the cleaning process from the support vessel. A video of the operation is presented with the cleaning report documentation.

Fast, efficient and safe for regular cleaning of vessels of any size or design.

#### Time efficiency

The variable and increased cleaning speed is dependent on biofouling and coating conditions on vessel hulls.

As there is no need for diver intervention, the cleaning job can be carried out whilst cargo work is underway or at anchor, and in most weather conditions, thus saving valuable time.

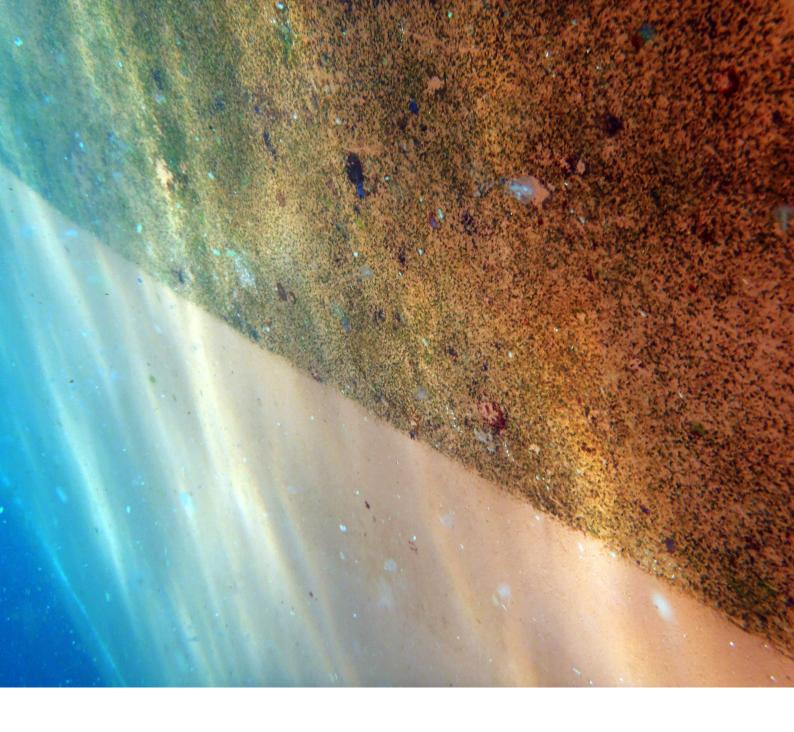
#### No damage to anti-fouling

No direct physical contact is made with the hull, prolonging the life of anti-fouling coatings and reducing expensive down-time maintenance costs.

#### **Environmentally-friendly**

All HullWiper operations are conducted in compliance with our stringent Health, Safety, Security and Environment (HSSE) policies as well as all local and regional regulations.

Removed residues and marine growth are filtered and disposed of in an environmentally-friendly manner instead of being discharged into port waters as done using traditional methods. No potentially harmful debris is released into the sea.



### **ECONOMIC SAVINGS**

## HullWiper delivers the benefits of a foul-free hull for all types of vessels around the world.

Studies show that even a slight buildup of slime on a vessel's hull can cause a speed loss of 0.5 knots, increasing water resistance and fuel consumption by up to 20%. For a ship using 60 tonnes of fuel daily for 250 days of trading, that means a loss of 3,000 tonnes every year. Maintaining a clean hull saves costs and makes sound economic sense. Compare the financial benefits of hull cleaning with the HullWiper ROV with results achieved using traditional methods, with our online fuel savings calculator.

### **HullWiper Ltd**

Visit www.hullwiper.co for more information about HullWiper and our operating locations.

For enquiries contact us at HullWiper@HullWiper.co



