

CUT COSTS!

A clean hull makes major savings



Save fuel
Save costs
Save time
Save environment

A clean hull saves fuel and money

A fouled hull increases costs and impacts the operator's bottom line. Even before green slime is visible, algae growth increases roughness, cuts speed and increases fuel consumption. CleanHull's unique brushless technology saves money by keeping the hull clean without interfering with the ship's operations.



CleanHull Ltd provides the ship operators and charterers with a highly professional hull cleaning and propeller polishing service. Our clients report fuel savings of between 7 and 12% after using CleanHull.

CleanROV technology

CleanHull has established a new standard for underwater hull cleaning using high pressure water from an unmanned ROV. It is safe, economical, effective and does not harm anti-fouling or the local environment.

Save fuel

Studies by Marintek and DNV show that a 1 per cent loss of speed due to fouling pushes up fuel consumption by 3%.

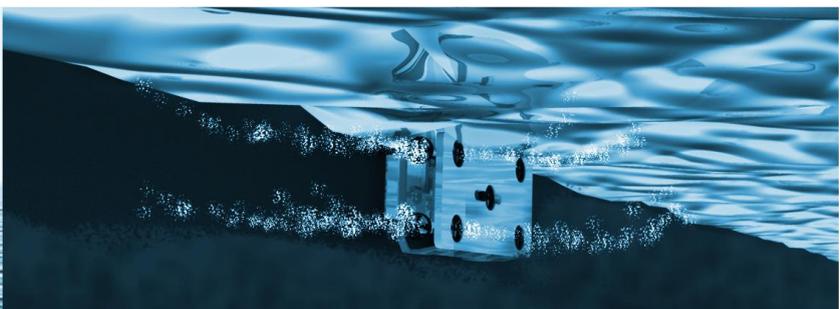
Clean Hull can help you with your bottom line and gain an annual fuel saving of 5%

Save time

CleanHull does not require time off-hire or out of operation. The hull can be cleaned efficiently in harbour while cargo work is underway or at anchor.

Save antifouling

Conventional underwater hull cleaning relies on abrasive brushes operated by divers. CleanHull uses high pressure water jets which cleans the anti-fouling without damage. Tests prove no loss of SPC after a clean so no need for early recoating.

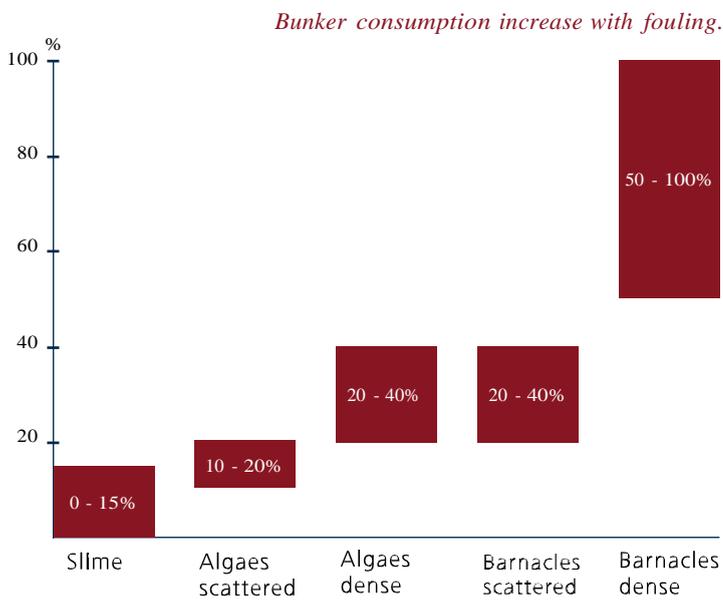
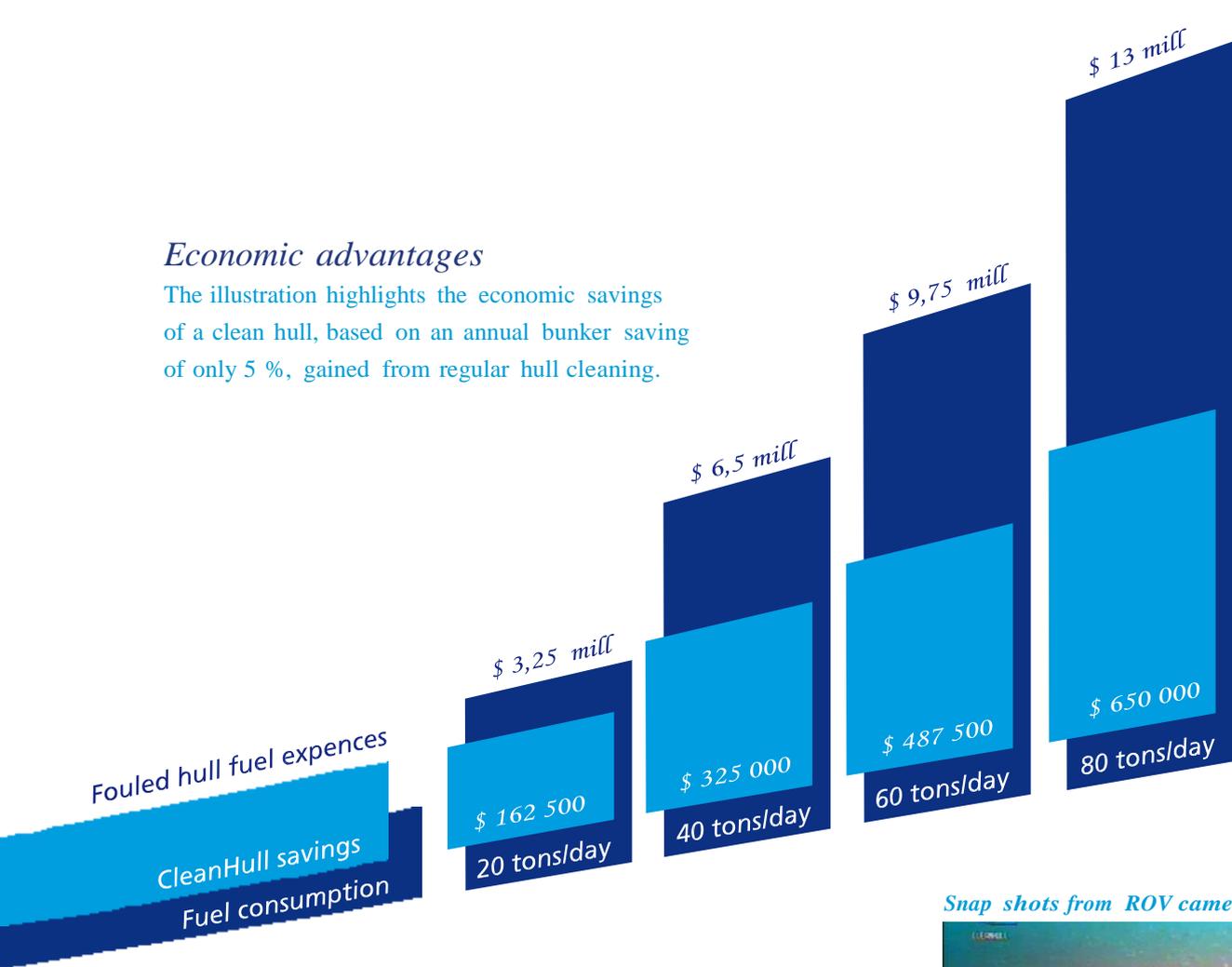


While the ship is working cargo a support vessel comes alongside and positions an ROV to begin the hull cleaning. No divers means less preparation, safer and quicker operation.

Water jets propel the ROV gently but firmly against the hull and break down algae and fouling as the ROV systematically moves around the underwater surface.

Economic advantages

The illustration highlights the economic savings of a clean hull, based on an annual bunker saving of only 5 %, gained from regular hull cleaning.



Snap shots from ROV camera



Hull fouled by barnacles dense



Partly cleaned hull with algae fouled area



The CleanROV cleans up to 800 - 1000 sq m/hour. Water jet pressure is adjusted to effectively remove fouling without harming hull coating. Silicon coatings are not harmed by the cleaning process.

The removed fouling, is collected in a filter unit, and causes no harm to the local environment. A vessel can be cleaned in 10 hours, with no danger to divers, no lost time, and no more wasted fuel costs.



Current locations:

- Algeciras, Spain

Planned locations:

- Gibraltar (2018)

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