

Green Shipping- GAC EnvironHull

Abstract:

Why is Hull cleaning required?

- 1% increase in water resistance results in a 3% increase in fuel consumption
- A speed reduction of just 0.3-0.7 knots is sufficient to justify the cost of cleaning the ship's hull
- Increased fuel consumption means burning of more fossil fuel and emission of more greenhouse gases

How does Hull cleaning effects environment?

- The paint scrubbed off from the hull during the traditional cleaning operation is dropped to sea causing sea pollution and affecting marine life
- The fouling dropped off from the hull during cleaning causes cross pollination and damages flora and fauna

What is the latest alternate for a safe hull cleaning operation?

- Hull wiper – The latest Diver free hull cleaning system. It collects all the marine fouling and do not damages (Scrubs off) the paint from hull
- Being a diver free (ROV – Remotely operated Vehicle) the risk to human life is eliminated
- The collected fouling are disposed in an environmentally friendly manner, ensuring do damage to environment due to the disposal