

Our team of experts will be pleased to provide an initial feasibility study for your vessels and to support you throughout the process.

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The **Silverstream® System**



**INNOVATIVE AND PROVEN
AIR LUBRICATION SOLUTION**

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A unique technology suitable for newbuild and retrofit deployment on different types of vessels.

Improves operational efficiency, reduces fuel consumption and harmful emissions.

Air lubrication significantly reduces frictional resistance by creating an air bubble carpet under a vessel's flat bottom - achieving propulsion energy net savings typically of the order of 5-10%.

Our technology is effective in all operating conditions - performance is easily verified by switching the system on and off.

A carpet of microbubbles lubricates the underside of the hull in an energy efficient way. Air is naturally inserted in the boundary layer with minimal disturbance of the flows.

Operational Benefits

Profile: savings across all planned operating speeds.

Performance; continuous reliable operation in all conditions

Flexibility: option to save fuel or to increase operational speed without increasing fuel spend.

Operation: easily maintained and operated system

Engine load; reduces engine wear and maintenance.

Propeller load: more efficient propeller operation and lower potential for cavitation.

Noise and vibrations; improved operating and comfort standards for crew and passengers.

Complementary: enhances other efficiency technologies and efficiency strategies.

Our Proposition

Patented Technology: unique technology solution - extensive patent portfolio.

Proven Performance; independently verified savings.

Design Service: concept to commissioning.

Retrofit Installation: comprehensive turnkey solution

Newbuild Installation: liaison with yard and owner

Operational Support: optimisation, maintenance and consultancy.