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PRESS RELEASE

Fleetwater Marine supplies Associated British Ports with Contur[®] Carbon Fibre Propellers

Fleetwater Marine, Southampton, has supplied, Associated British Ports (ABP), the UK's leading ports business, with their first set of Contur[®] (F) self pitching "intelligent" Carbon fibre propellers. The propellers have been fitted to one of the new Nelson 48/50 Pilot boat class built by VT Halmatic of Porchester, as part of the ABP's aim to build on and implement good environmental practices and to meet their set goals for energy use and CO₂ emissions.

Before ordering the revolutionary **Contur[®] Marine Propellers** both Halmatic and ABP undertook detailed sea trials comparing the Contur[®] propellers with existing bronze propellers. Recorded results showed full throttle operating fuel consumption was reduced by 9.7% with mid-range fuel consumption by an impressive 17.5%. The most striking result was the reduction in wheelhouse noise; this was down by 2 decibels at full throttle and up to 4 decibels in the mid-range. Other test results showed a faster time to acceleration with the turbo charger cutting in significantly earlier.

One of ABP's principle concerns had been blade durability. This was severely put to the test when several unexpected and significant underwater objects were struck with no adverse effects - unlike standard bronze propellers, which would exhibit some form of vibration.

The manufacturing process for **Contur[®] Marine Propellers** produces an extremely strong propeller, and with the use of drawn polyethylene fibres, the blade tips are highly resistant to any below water impacts.



Distributed by Fleetwater Marine Ltd, Southampton, the revolutionary range of **Contur® Marine Propellers**, offer lighter, quieter and more efficient performance.

Contur® Marine Propellers have unique properties in comparison to bronze cast propellers:

- Exceptionally strong and very lightweight, up 70% weight saving
- Extremely quiet, almost no vibration, humming or cavitation
- Corrosion resistant blades, which are self pitching and replaceable
- Superior performance, up to 15% increase in speed and acceleration
- Fuel efficient, up to 15% saving on fuel, increasing range

Three ranges of **Contur® Marine Propellers** designs are available to suite all sizes and styles of vessels whether displacement, semi displacement, planing, commercial, military or pleasure yachts.

Propeller sizes range from 50 centimetres up to 3 metres in diameter with larger or smaller special one off designs also available.

The unique design properties developed for **Contur® Marine Propellers** are also suitable for non-marine applications such as aircraft, fans, turbines and pump impellers or single one-off propeller configurations.

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