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Marcon Appointed Exclusive Broker

Marcon International, Inc. of Coupeville, Washington is pleased to have been appointed by Purple Water Ltd. a towing and ship design company operating from Geneva, Switzerland and London, U.K.; as exclusive broker to market the shipyard licensing and construction of the new patented design, double-ended, double hull tug “*Giano*”® design to be built in the Americas.

This compact tug has an innovative high displacement tunnel hull form, two large structural keels and a straight-line controllable pitch thruster configuration designed and built solely for ship handling. With the intuitive in-line handling controls, the tugs can produce 55 tonnes (70 tonnes) of bollard thrust and pull in all directions at full power with true 360 degree manoeuvrability, while maintaining a 0 degree list - plus a side-stepping speed of 7kn – from full ahead to full speed sideways in 10 seconds.

The tug works equally well from the bow or stern and is fitted with 75 tonne escort winches fore & aft. The design reportedly has the highest stability numbers of any escort tug afloat, not only in its 24m Compact class, but also of the 32m Escort terminal class. Two separate engine rooms, a separate generator room and a double hull with integral “*W*” heavy duty fendering and the patented underwater fenders provide a high level of safety, and allows the tug the unique capacity to side thrust and push at full power without listing, while assisting vessels in confined spaces. This is something that no other tug afloat is able to do. The “*Giano*” tug design is patented over 40 countries

After four years of research and development, the first tug of this class, the 25.75m x 13.02m x 5.20m depth / 5.30m “*Giano*” was built by Guangdong Bonny Fair Heavy Industry, Ltd. for Purple Water Ltd. “*Giano*” is powered by twin 1,678kW CAT 3512C-HD diesels developing a total power of 4,562HP at 1,800RPM. A Schottel SRP-3000 azimuthing drive with a controllable pitch prop is mounted in a straight line at each end, with the tunnel hull specifically designed eliminate propeller interference. Topside access and ultra-short shaft lines allow for main engine removal in a few hours. The U.K. flagged “*Giano*” is classed LR +100A1, Escort Tug, FiFi-1 (2,400m³/h) with water spray, Unrestricted – MCA WB Area 1 (up to 150 miles from safe haven). While “*Giano*” has a 55 tonne bollard pull, the unified design allows for 55 tonnes and 70 tonnes bollard pull versions to be built.

“*Giano*” is now available in Italy for owners, their experienced skippers, and shipyards interested in licensing / building to inspect and enjoy a “*hands-on*” demonstration of the tug’s capabilities.

Contact Marcon International, Inc. for further technical details, videos, photographs, licensing and inspection.