



FOR IMMEDIATE RELEASE
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PropExpert™ 2010

New features for the world's most popular propeller sizing software

HydroComp PropExpert is a software tool for the sizing and analysis of propellers for workboats and pleasure craft. It provides the tools needed for the proper selection of propulsion system components - engine, gear and propeller – and has been selected as the principal propeller sizing tool of many of the best known manufacturers and distributors of marine engines and propellers.

New technical development

Development in 2010 has produced a number of new features for PropExpert, including

- **Speed prediction** – New speed prediction algorithms were developed to insure accurate prediction of real speed and power for Catamarans, Riverboats (new), and Sailboats.
- **Additional vessel types** – In addition to the standard “Displacement”, “Planing” and other vessel types, new types (e.g., Riverboat) allow for improved prediction of associated Vessel parameters and speed prediction.
- **New data checking** – Additional data checks confirm reliable performance, such as a new check for face cavitation with highly cupped propeller.

Upcoming planned development efforts include

- A performance correction is in development for the effect of camber (progressive pitch).
- PropExpert will be able to help correlate the analysis of a Prior trial to known values from an “overload test”, which will aid in describing accurate performance.

User list reaches 220

HydroComp is very pleased to note the sale of the 220th license of PropExpert late in 2010. Employed in 37 countries, PropExpert “has become the propeller sizing tool for independent shops, as well as the corporate solution for many large firms”, remarked Donald MacPherson, HydroComp’s Technical Director. Notable recent purchasers of PropExpert include Hargrave Custom Yachts (USA), M&J Engineering (Australia), MQNS Trading (Maldives), PAE Nordhavn Yachts (USA), Saunders Yachtworks (USA), SRD Offshore (Brasil), Thrustmaster Europe (Netherlands), Transmidiesel (Colombia), and ZF Marine (USA).

About HydroComp

Celebrating its 26th year of operation in 2010, HydroComp provides software and services for the performance analysis and design of marine vehicles to industry, research, academic, and government clients. The company is proud to have served over 600 customers from more than 60 countries.

Download at:
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