



FOR IMMEDIATE RELEASE
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NavCad™ 2009

New features for the industry-standard resistance and propulsion software

HydroComp NavCad is a software tool for the prediction and analysis of vessel speed and power performance. It also provides for the selection of suitable propulsion system components – engines, gears and propellers.

New technical development

Development in 2009 has produced a number of new features for NavCad, including

- ***New report viewer*** – A new integrated report viewer provides enhanced reporting options, including export to PDF, CSV, and RTF.
- ***Propeller CAD shape*** – Easily generates and exports a representative propeller CAD shape in IGES format at the proper diameter and number of blades.
- ***Measures of propulsion merit*** – New propulsion criteria have been added for industry-standard measures of merit, including "transport effectiveness".
- ***Calculation updates*** – Including Froude friction line, additional cavitation parameters and nozzle performance coefficients, new file and print functions, and enhanced support for heavily-loaded propellers.

Upcoming planned development efforts include

- A new *Job Tracker* project management utility to NavCad usage on projects.
- Enhanced definition of hull geometry via longitudinal distributions of sectional area, beam, and deadrise.
- Prediction of propeller lift forces, including the influence of shaft angle.

User list tops 460

HydroComp is pleased to welcome its **460th user of NavCad**. Currently at work in 48 countries, notable recent purchasers of NavCad include CR Hunt (USA), Sasaship (Singapore), United Ship Design (Malaysia), US Navy NSWDG (USA), Harland & Wolff (Northern Ireland), OCN (Greece), University of Ghent (Belgium), and AMSEC Northrop Grumman (USA).

About HydroComp

Celebrating its 25th year of operation in 2009, 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:
For more information, please contact:

www.hydrocompinc.com/company/news.htm
Jill Aaron, Managing Director
HydroComp, Inc.
13 Jenkins Ct, Suite 200
Durham, NH 03824 USA
Tel (603)868-3344
Fax (603)868-3366
ja@hydrocompinc.com
www.hydrocompinc.com
www.hydrocompinc.com/blog