



HydroComp, Inc.

**FOR IMMEDIATE RELEASE**  
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## **PropExpert™ 2005**

**HydroComp** – Award winning marine propulsion software

*"In a market where software has been notoriously poor and unreliable, HydroComp has produced the very best in the industry."* - **METS Design Award jury**

PropExpert is a software tool for the sizing and analysis of propellers for work boats 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 for 2005:**

- Cavitation analysis - An improved analysis for trans-cavitating propellers, such as for 3-bladed propellers under heavy load at high speed.
- Loading checks - Supplemental propeller Power Loading check to indicate potential cavitation and thrust breakdown before sizing.
- Supplemental calculations - Improved shaft diameter calculation.
- Library data - New propeller models added to the library.
- Speed validations - Additional speed prediction validation checks using predicted Transport Efficiency.

**Notable New Users:**

Tzompanakis Propeller Workshop, Greece  
Exalto Emirates Ltd, U.A.E.  
Cummins Northwest, Inc., USA  
Infanger Propeller AG, Switzerland  
Oy Nautor Ab, Finland  
Mercury Marine Singapore  
Volkswagen AG, Germany  
Industrias John Deere, S.A. de C.V., Mexico  
United Castings Foundry, Philippines

**Be sure to visit us during METS 2005 at stand 04.111 for a free software demonstration.  
Donald MacPherson, Technical Director, of HCI will be available for personal consultations.**

*HydroComp, Inc.* provides software products and consultancy services for the performance analysis and design of marine vehicles to industry, research and government clients. Currently more than 500 marine professionals in over 45 countries are using *HydroComp* award-winning marine propulsion software.

**For more information, please contact:**

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