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New Features Available in NavCad 2018: Standard and Premium

For hydrodynamic design and analysis of ships and other marine vehicles, design engineers turn to **NavCad** for the prediction of attainable speed and range, power demand, fuel consumption, even noise. **NavCad** provides the critical feedback you need in early-stage design.

New features available in NavCad 2018: Standard and Premium

- New Software-Based security options (omitting the need for a USB dongle)
- Substantial time savings running calculations
- Scale correction for improvements to full-scale MAU propeller performance prediction
- Calculation of mass fuel rate
- Improved hull-propulsor prediction for submarine and SWATH
- “Longitudinal Wave Source” plot for the “Advanced Distributed Volume Method” (ADVM), which shows longitudinal shape influence on wave-making resistance [Premium]
- Support for dual-fuel (MGO, MDO, HFO, LNG) [Premium]
- Prediction of CO2 greenhouse gas [Premium]

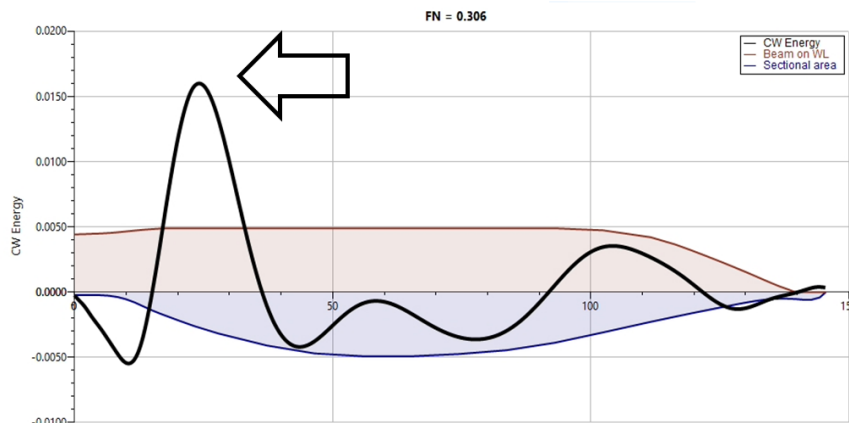


Figure 1 - NavCad Longitudinal Wave Source

The new **NavCad Premium Edition** features for dual fuel, calculation of CO2 production, and the longitudinal wave source plots are very significant, especially for LNG vessels.

NavCad allows the user to achieve simulation of the whole Hull-Propulsor-Drive-Engine system now in seconds, not hours.

Learn more at www.hydrocompinc.com/navcad

More about HydroComp, Inc.

HydroComp, Inc. of Durham, NH USA is a hydrodynamic engineering research consultancy with a focus on propulsion system and ship performance simulation, propeller design, and forensic performance analysis. Through its unique array of software packages and services, HydroComp is proud to have served over 700 industry, research, academic, and governmental clients for over 30 years. HydroComp is the recipient of the New Hampshire Small Business Exporter of the Year Award for 2017.

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