

# NavCad



Feature	STANDARD EDITION	PREMIUM EDITION
Resistance prediction, propulsion sizing, and propulsion analysis	●	+
Displacement and planing, catamarans, barges, submarines, SWATH	●	+
Correlation to vessel or propeller models tests and to sea trials	●	+
Propellers (open, ducted, cycloidal, SP, CPP, CRP) and waterjets	●	+
Propeller sizing (matching) for diameter, pitch, BAR, gear ratio by thrust or power	●	+
Propulsion analysis for free-run (transit), towing, acceleration	●	+
Hull form and operational design guidance	●	+
Confidence plots and benchmark comparison	●	+
Supplemental tools for tunnel thruster sizing, hydroacoustics, many others	●	+
Scripting (macro) API		+
Connect as an external calculation server		+
Dual-fuel operation and CO2 production		+
Operating modes (duty-profile) analysis		+
Analytical wave-theory resistance prediction and wave pattern elevation		+
Floating network licensing		+
Import Hull Files for calculating hydrostatics & extracting station data		+