



A Plug-in for
Rhino[®]



Orca3D

Orca3D Marine Design Software:

Orca3D streamlines your design work with a suite of powerful applications that run within the Rhino 3D environment. Conceptualize, model, and analyze, all without transferring files or learning a new program.

- ◆ **Intact Stability**
Compute intact hydrostatics at the push of a button, analyze the intact stability of your design, and float your design to a specified displacement and center of gravity. Track downflooding points as the vessel heel.
- ◆ **Speed/Power Analysis**
Predict the resistance and speed of your design, using a Savitsky analysis for planing hulls or a Holtrop analysis for displacement vessels.
- ◆ **Hull Design & Fairing**
Start your design by entering parameters into a Hull Assistant, watching the shape and hydrostatic properties change in real-time. Fair the hull shape, using tools such as real-time display of sections (stations, buttocks, waterlines), forefoot control, and editing planes.
- ◆ **Weight/Cost Tracking**
Assign weight and cost properties to the objects in your model. Total weight, center of gravity, and cost update as you edit your model.