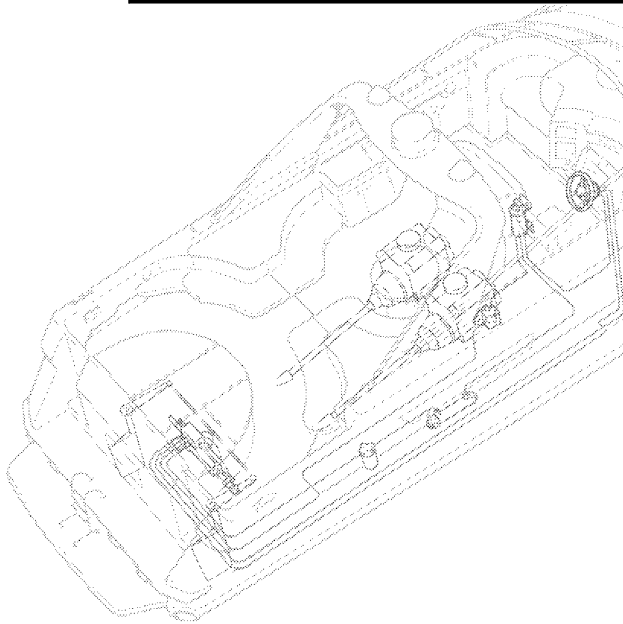


**Planing Vessels Only**



Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Speed of vessel: \_\_\_\_\_ knots

Length of vessel: \_\_\_\_\_ feet \_\_\_\_\_ inches

Catamaran: Yes  No

Number of rudders: \_\_\_\_\_

Rudder area (projected area): \_\_\_\_\_ square feet

Propeller diameter: \_\_\_\_\_ feet \_\_\_\_\_ inches

Perpendicular distance from the rudder shaft to the propeller: \_\_\_\_\_ feet \_\_\_\_\_ inches

Distance measured parallel to the rudder shaft from the base of the rudder to the center of the lower bearings: \_\_\_\_\_ feet \_\_\_\_\_ inches

Average rudder chord length: \_\_\_\_\_ feet \_\_\_\_\_ inches

Perpendicular distance from the waterline to the rudder base: \_\_\_\_\_ feet \_\_\_\_\_ inches

Rudder shaft diameter: \_\_\_\_\_ feet \_\_\_\_\_ inches

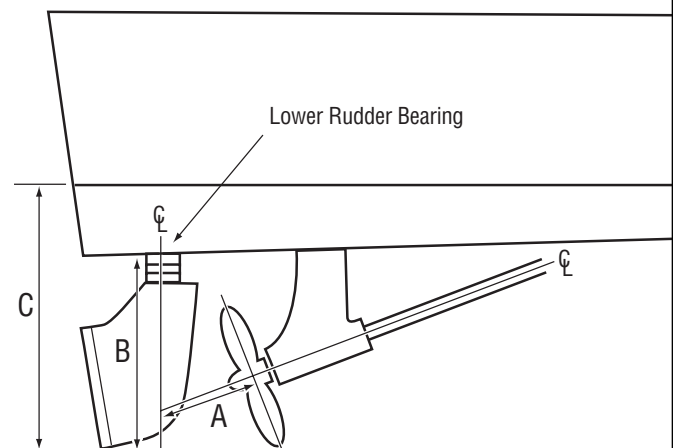
Shaft power: \_\_\_\_\_ horsepower

Formula presumes 23-27% counterbalance

- A Perpendicular distance from the rudder shaft to the propeller.
- B Distance parallel to rudder shaft from rudder base to center of lower rudder bearing.
- C Perpendicular distance from waterline to rudder base.

**Note:**

Projected area of rudder is H & W less C.B.



Please take a moment to fill out this form completely and fax to: Technical Service Department at **604-279-2202**

Estimated load on rudder. It is suggested that you confirm load with your Naval Architect.

Please include a detailed drawing of your rudder.