



# HamiltonJet

# Application Questionnaire

This Questionnaire is for checking that intended hull shape and speed are suitable for waterjets and to initially select the best propulsion option. Note that the more information supplied, the greater the accuracy with which an appropriate propulsion system can be selected. All information supplied will be treated as strictly confidential.

## Project Reference

Company: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
Country: \_\_\_\_\_ Tel. No: \_\_\_\_\_ Fax No: \_\_\_\_\_ Email: \_\_\_\_\_  
Project Reference: \_\_\_\_\_

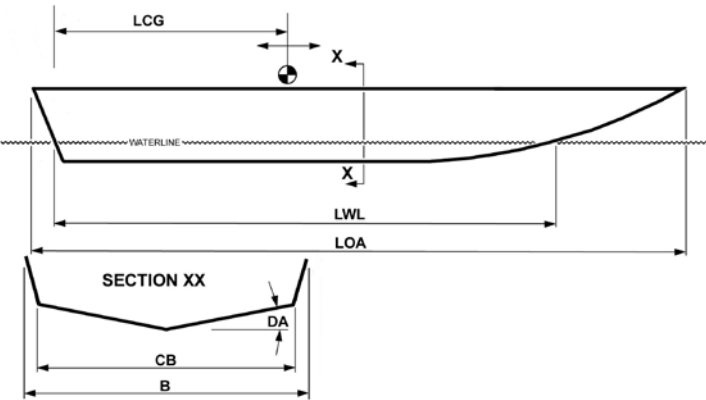
## Hull Description

Hull Construction Material: Aluminium Wood GRP Steel Other: \_\_\_\_\_  
Hull Form: Monohedron Monohull Warped Monohull Catamaran Other: \_\_\_\_\_  
Planing Semi-Displacement Displacement Barge/Landing Craft  
Hard Chine Round Bilge

Note any other distinguishing hull bottom features or appendages (eg: lifting foils, planing strakes):

## Key Hull Dimensions (please specify units of measure here)

metres feet kg lbs



LOA = Overall Length: \_\_\_\_\_  
LWL = Waterline Length: \_\_\_\_\_  
LCG = Longitudinal Centre of Gravity: \_\_\_\_\_  
B = Beam Overall: \_\_\_\_\_  
CB = Chine Beam: Max: \_\_\_\_\_ at transom: \_\_\_\_\_  
DA = Deadrise Angle: @mid LWL: \_\_\_\_\_ DA@Transom: \_\_\_\_\_  
Height = above WL: \_\_\_\_\_ (wind resistance allowance)  
Displacement: Maximum: \_\_\_\_\_  
Light: \_\_\_\_\_  
Trials (if available): \_\_\_\_\_

## Expected Design Performance

Vessel Speed with Maximum Power Input (knots):  
at Maximum Displacement = \_\_\_\_\_  
at Trials Displacement = \_\_\_\_\_  
at Light Displacement = \_\_\_\_\_  
Seastate \_\_\_\_\_

Vessel Speed with Continuous Power Input (knots):  
at Maximum Displacement = \_\_\_\_\_  
at Trials Displacement = \_\_\_\_\_  
at Light Displacement = \_\_\_\_\_  
Seastate \_\_\_\_\_

Attach Hull Resistance Data (if available): Estimated Model Tested incl. allowances for: Wind Waves

## Proposed Engine(s)

Engine Configuration: \_\_\_\_\_ Make: \_\_\_\_\_ Model: \_\_\_\_\_  
Power: Maximum = \_\_\_\_\_ kW hp @ \_\_\_\_\_ rpm  
Continuous = \_\_\_\_\_ kW hp @ \_\_\_\_\_ rpm  
above ratings are: Nett Flywheel Power or Nett Shaft Power  
Gearbox: No Yes Make & Model: \_\_\_\_\_ Ratio: \_\_\_\_\_