



# 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 References

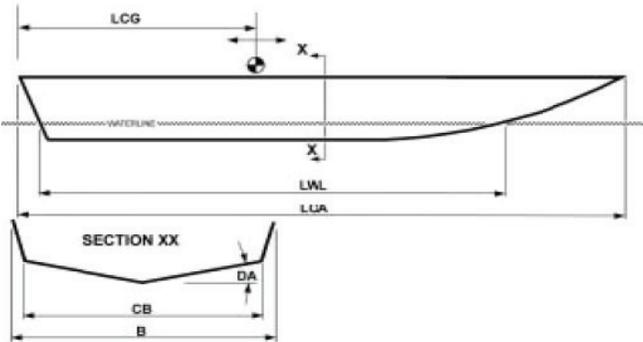
Company: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
 Tel. No. \_\_\_\_\_ Fax No. \_\_\_\_\_ Email: \_\_\_\_\_  
 Project Reference: \_\_\_\_\_

## 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 unit of measure)



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. \_\_\_\_\_ Transom. \_\_\_\_\_  
 Height = above WL: \_\_\_\_\_ (wind resistance allowance)  
 Displacement: Maximum: \_\_\_\_\_  
 Light: \_\_\_\_\_  
 Trials (if available): \_\_\_\_\_

## Expected Design Performance

### Vessel Speed with Maximum Power Input:

at Maximum Displacement = \_\_\_\_\_  
 at Trials Displacement = \_\_\_\_\_  
 at Light Displacement = \_\_\_\_\_  
 Seastate \_\_\_\_\_

### Vessel Speed with Continuous Power Input:

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)

Single  Twin  Triple  Quad  Make: \_\_\_\_\_ Model: \_\_\_\_\_  
 Power: Maximum = \_\_\_\_\_ kW ( \_\_\_\_\_ hp) at \_\_\_\_\_ rpm  
 Continuous = \_\_\_\_\_ kW ( \_\_\_\_\_ hp) at \_\_\_\_\_ rpm  
 above ratings are: Nett Flywheel Power  or Nett Shaft Power

Gearbox: No  Yes  Gearbox Ratio: \_\_\_\_\_

Complete this form, save it, then email or print and fax/post to your local HamiltonJet Distributor or Regional Office