

## APPLICATION QUESTIONNAIRE

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

### PROJECT REFERENCE

**Project Reference:**

**Vessel Use:**

**Company:**

**Country:**

Tel. No:

Contact Name:

Email:

Date:

Approx. hours/day at full power:

hrs/day

Expected operating hours / year:

hrs/yr

### HULL DESCRIPTION

Hull Construction Material:

Aluminium

Wood

GRP

Steel

Other

**Hull Type:**

Monohedron Monohull

Warped Monohull

Catamaran\*

Other\*:

Planing

Semi-Displacement

Displacement

Barge/Landing Craft

Hard Chine

Round Bilge

RIB / RHIB

Other:

### HULL DETAILS specify units of measure

metres

feet

tonne (metric)

ton (UK/long)

ton (US/short)

kg

lbs

LOA (Overall Length):

LWL (Waterline Length):

LCG (Longitudinal Centre of Gravity at max. displacement):

B (Beam Overall):

CB (Chine Beam) Max:

and at transom:

DA (Deadrise Angle): at Mid LWL: °

DA at Transom: °

Height (above WL for wind resistance allowance):

Displacement: Maximum:

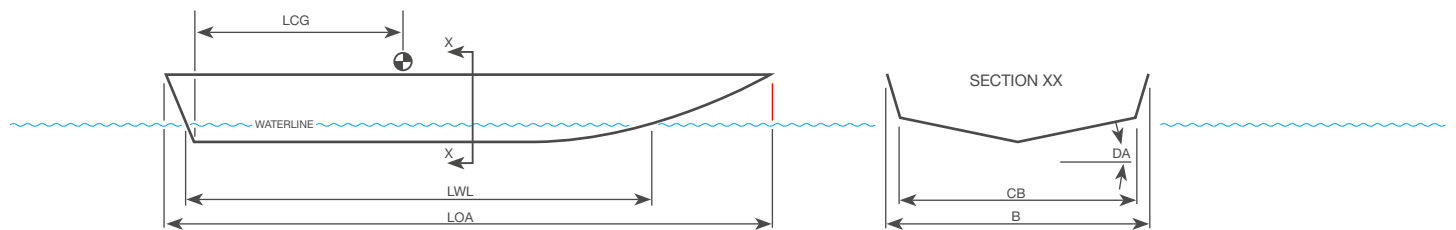
LCG:

Light:

LCG:

Trials (if available):

LCG:



### PROPOSED ENGINE(S)

Engine Number:

Make:

Model:

**Power: Maximum:**

kW

Imperial hp (bhp)

Metric hp (mhp) at

rpm

Continuous:

kW

Imperial hp (bhp)

Metric hp (mhp) at

rpm

Above ratings are:

Nett Flywheel Power

Nett Shaft Power (ie: waterjet input)

### EXPECTED DESIGN PERFORMANCE

**Vessel Speed with Maximum Power Input (knots):**

at Maximum Displacement:

knots

at Trials Displacement:

knots

at Light Displacement:

knots

Seastate:

**Vessel Speed with Continuous Power Input (knots):**

at Maximum Displacement:

knots

at Trials Displacement:

knots

at Light Displacement:

knots

Seastate: