Form - SS1

Application for Stability Category Allocation

Royal Yachting Association
RYA House
Ensign Way, Hamble
Southampton, SO31 4YA
Tel: 0845 345 0383
Email: scvcert@rya.org.uk

For Non-Inflatable Monohull Sailing Vessels
Intended for Operation in Categories 2, 3, 4, 5 or 6
Not Carrying More Than 15 Persons
Not Carrying More Than 1000kg of Cargo
Not Engaged in Lifting or Towing

1. DETAILS OF OWNER or MANAGING AGENT

NAME			
ADDRESS			
POST CODE		TELEPHONE	
Email		MOBILE	

DETAILS OF OWNER (if not listed above)

NAME			
ADDRESS			
POST CODE		TELEPHONE	
Email		MOBILE	

2. DETAILS OF VESSEL

NAME		SAIL NUMBER	
BUILDER		DESIGN/MODEL	
MODEL VERSION (e.g M/H rig, deep draught)		LAUNCH YEAR	
LENGTH (MCA)	m	BEAM m	HIN
BOAT TYPE (tick one box)	External ballasted		Internal ballasted
IS THE BOAT TO BE USED IN AREAS OF ICE ACCRETION?			YES/NO
INTENDED AREA OF OPERATION 2, 3, 4, 5, or 6			
INTENDED NUMBER OF PERSONS (crew and passengers)			
INTENDED WEIGHT OF CARGO IN ADDITION TO PERSONS (including any diving gear)			kg

Is the vessel fitted with any of the following (if YES please complete information on the back page)

In mast reefing	YES/NO
Roller reefing headsails	YES/NO
Radar	YES/NO
Other heavy equipment fitted above deck level	YES/NO

3. STABILITY AND BUOYANCY ASSESSMENT

You may submit any of the following. Please tick appropriate box to show what is being submitted.

A	CURVE OF STATICAL STABILITY - Method 1 (Code Sections 11.9.2.1 & 11.9.2.2)	
B	TEST OR CALCULATION FOR CATEGORY 6 BOATS (Code Section 11.9.2.3)	
C	RYA STOPS OR RORC SSS WITH FSR DATA - Method 3 (Code Section 11.9.4)	
D	ISO 12217 PART 2 ASSESSMENT - Method 2 (Code section 11.9.3)	

3A and 3B (Code sections 11.9.2.1 &11.9.2.2 & 11.9.2.3)

For Code assessment using either A or B above, the Owner/Agent is required to submit to the RYA full details of the assessment including assessment reports, calculations etc., in respect of the design of vessel. The RYA will adjudge the submissions.

3C Non Standard Design

LENGTH of Hull (MCA length) L_H ____ m Source of Information ____

Length Overall of Hull excluding bowsprit, stern fittings, pulpit, rudder, skeg, etc. (See Figure 1 overleaf)

BEAM BMAX ____ m Source of Information ____

Maximum Beam of the boat excluding any rubbing strake or toerail.

WEIGHT (fully rigged and equipped) ____ kg Source of Information ____

KEEL (Please tick) Single ____ Twin ____ Triple ____ Lifting ____

EXTERNAL BALLAST WEIGHT ____ kg Source of Information ____

The weight of ballast contained on external keel.

DEPTH OF CANOE BODY* DCB ____ m Source of Information ____

**Depth of hull below waterline at one eighth beam from centreline (Figure 2). This is not the draught.*

LENGTH WATERPLANE LWL ____ m Source of Information ____

Length along the floatation waterplane from where the stem cuts the water to the centre of the rudder stock, or leading edge of rudder blade if transom hung, or where the hull emerges from the water if this aft of the rudder measurement point (see Figure 1).

MAIN ENGINE TYPE: (tick) Inboard (inc. fixed outdrives) ____ Outboard ____ None ____

PROPELLER: (tick) Number of blades ____ Feathering ____ Folding ____ Fixed ____

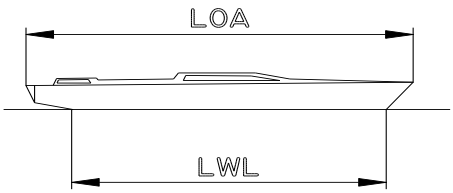
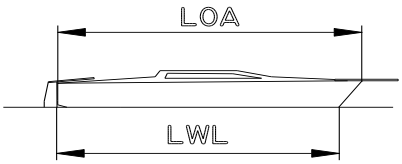


Figure 1



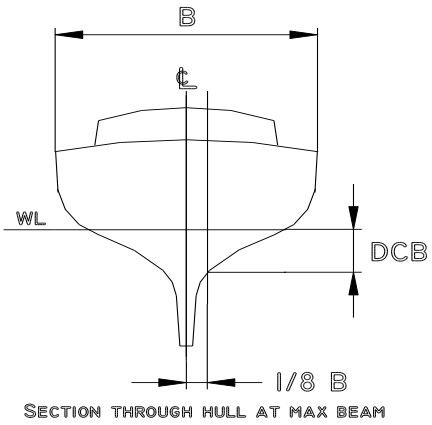


Figure 2

RIG DETAILS:

SAIL TYPE: (tick)	Bermudian		Gaff		Wishbone		Other	
RIG TYPE: (Please tick)	Sloop		Yawl		Ketch			
	Schooner		Cat		Cutter		Other	

	Forward or Single Mast		After Mast		Source of Information
FORESTAY LENGTH	FL	m	FLY	m	

Total forestay length from its attachment at forward side of mast to the deck at the forestay attachment point. (Fig 3).

MAST HOIST	P	m	PY	m	

The luff of the sail, measured on the mast from the lowest point of its halyard shackle when the halyard is fully hoisted to the lowest point at which the sail can be set. Topsails are measured as part of gaff sails. (See Figure 3).

FOOT	E	m	EY	m	

The foot of the sail, measured along the boom from the aft face of the mast track to the aft side of the clew outhaul attachment. (See Figure 3).

JIB PERPENDICULAR	LP	m	LPY	m	

The largest distance found on any foresail that may be set for sailing to windward, measured perpendicularly from the luff to the extremity of the sail at the clew. (See Figure 3).

FORETRIANGLE BASE	J	m

Measured horizontally from the foreward face of the mast to where its forestay meets the deck, or to the jib outhaul if rigged with a bowsprit. (See Figure 3).

NUMBER OF RUNNERS	SETS		NUMBER OF HYDRAULIC RAMS	

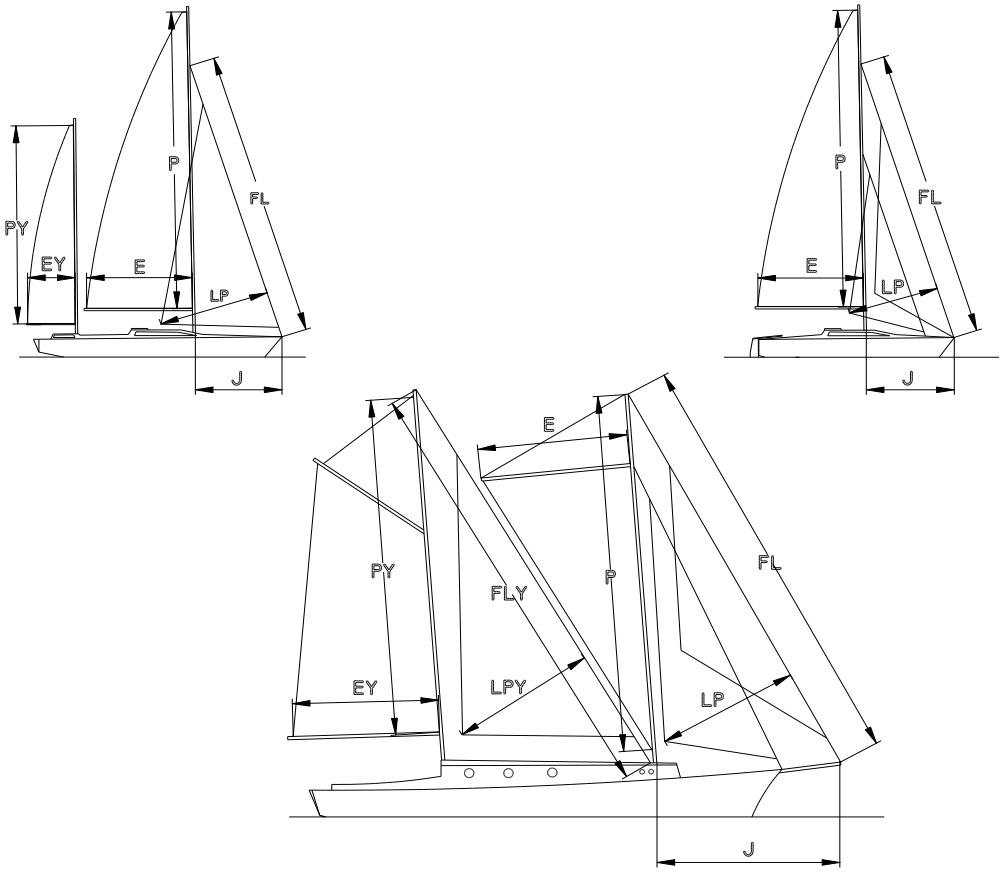


Figure 3

3C 1 RYA STOPS (Code section 11.9.4) continued

If one or more of in-mast reefing, furling headsails and/or a radar scanner are fitted please complete the following

In mast reefing	-	Weight of Sail	kg
Furling headsails	-	Weight of Sail	kg
Radar Scanner	-	Height of the scanner above the waterline	m
	-	Weight of the scanner	kg
Maximum draught from waterline to bottom of keel			m

3C 2 RORC SSS WITH FSR DATA (Code section 11.9.4)

Please supply a copy of a current RORC IRC or IRM certificate showing the RORC calculated SSSN with applied FSR (Factor Self Righting). RORC Certificates without the FSR are not acceptable.

RORC Certificate Number	

3D. ISO 12217 PART 2 DATA METHOD (Code Section 11.9.3)

Code stability assessment using ISO 12217 Part 2 data is required to be validated by the RYA. This data may be used for sister vessels provided it is to the same RYA 12217 Standard Stability Design. In other cases of Code stability assessment using ISO 12217 Part 2 the Owner/Agent is required to make available to the RYA all ISO 12217-2 assessment reports, calculations etc, in respect of the design of vessel from the Test House* or Notified Body. Should this data not be available then assessment will need to be undertaken by application of the tests detailed in 3A or B or D.

3D.1. RYA Standard 12217 Stability Designs

I declare that the design and specification of the aforementioned vessel is the same as the RYA Standard 12217 Stability Design.

Standard Design Reference Number

Signed Date

3D.2. RYA Standard Design

Test House of Notified Body Undertaking Assessment

Date of Assessment Date of ISO 12217-2 used for assessment

ISO 12217-2 assessment option used Resulting assigned ISO category

I declare that I will make available the necessary ISO 12217-2 assessment reports, calculations etc., in respect of the design of vessel from the Test House or Notified Body

Signed Date

4. DECLARATION

I certify that the information given is accurate to the best of m knowledge. Also, if a Standard Design method is used, that the boat is of the specified standard production model without any modification that would effect its stability and/or buoyancy. If I make any changes to the vessel or discover any of the information to be incorrect, I will notify the RYA immediately.

SIGNED DATE

NAME

Note: It is recommended that a copy is kept by you for future reference