



### Application for Stability Category Allocation

*For Inflatable, Rigid Inflatable & Boats with Buoyant Collars  
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*

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

#### 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		DESIGN/MODEL	
BUILDER		HIN	
LENGTH	m	BEAM	m
BOAT TYPE (tick one box)	Inflatable <input type="checkbox"/>	RIB <input type="checkbox"/>	Boat with Inflatable Collar <input type="checkbox"/>

IS THE BOAT TO BE USED IN AREAS OF ICE ACCRETION?

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)

YES/NO
kg

### 3. STABILITY AND BUOYANCY ASSESSMENT

The vessel may be assessed either by submissions of Standard Production Data (3A) or by test (3B)

#### 3A - STANDARD PRODUCTION DATA METHOD (Code 11.5)

Test House or Notified Body Undertaking Assessment	<input type="text"/>		
Date of assessment	<input type="text"/>	Standards (and date) used for assessment	<input type="text"/>
Other production data	<input type="text"/>	Resulting assigned RCD Category	<input type="text"/>

Code assessment using standard production Data is required to be validated by the RYA. To achieve this, the Owner/Agent is required to make available to the RYA all 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 3B below.

\*Details of the design models for which the RYA is a Test House are given on the RYA website.

#### 3B - TEST METHOD

##### 3B.1. ALL BOATS - Stability Tests (Code Section 11.5.1)

Tests carried out at	<input type="text"/>	Date	<input type="text"/>
Number of persons supported by the heeled boat	<input type="text"/>		
Weight of cargo in addition to weight of persons, engine and fuel supported by the boat	<input type="text"/> kg		

With the boat fully loaded and all persons, except the helmsman, or equivalent weight assembled along the side and with half of this number seated on the buoyancy tube, and with ALL cargo on its operational location, the vessel shall be heeled both to port and starboard, record the following:

Minimum freeboard to top of tube	To port	<input type="text"/> mm	To starboard	<input type="text"/> mm
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In each of the above test is there positive freeboard around the entire periphery of the boat?	<input type="text"/> YES/NO
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##### 3B.2. ALL BOATS - Damage Test (Code Section 11.5.2)

With the boat fully loaded and all persons or equivalent weight. **All** cargo in its operational location and the engine and fuel weight in place, the vessel shall be assessed in each of the scenarios given below.

The forward buoyancy compartment (both sides) deflated.	Does the boat float?	<input type="text"/> YES/NO
An entire side of buoyancy compartments deflated	Does the boat float?	<input type="text"/> YES/NO

##### 3B.3. ALL BOATS - Swamp Test (Code Section 11.5.3)

With the boat fully loaded and all persons or equivalent weight. **All** cargo in its operational location and the engine and fuel weight in place and with the vessel swamped answer the following

Does the boat float?	<input type="text"/> YES/NO	Has the boat deformed in anyway?	<input type="text"/> YES/NO
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3B.4. CATEGORY 2 & 3 BOATS - Structure (Code Section 4.5)

Is the boat intended to operate as an independent vessel?

Is the boat constructed to SOLAS requirements or equivalent?

Is the boat fitted with a permanent substantial enclosure for the protection of all persons?\*

For Category 3 boats, are alternatives to the permanent substantial enclosure provided?\*

\*If **Yes** submit full details to the RYA

3B.5. INFLATABLE OR BOATS WITH BUOYANT COLLARS - Freeboard (Code Section 12.2.4)

With the boat fully loaded. **All** cargo in its operational location and the engine and fuel weight in place, and all persons or equivalent weight aboard so arranged to give uniform freeboard, record the following:-

Category 2, 3, 4 & 5 boats - freeboard on top of tube  mm freeboard to top of transom  mm

Category 6 boats - freeboard to top of transom  mm Is boat self draining?

4. DECLARATION

I certify that the information given is accurate to the best of my knowledge. Also, if Method 3A 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 the information to be incorrect, I will notify the RYA immediately.

I am happy for the RYA to publish the above stability data.

SIGNED  DATE

NAME

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