

# IRC Design Trial (before conception)



Please select language: Eng

**PLEASE READ NOTES AT RIGHT!**

See IRC website for rules and other technical information, before com

<http://www.ircrating.org>

## BOAT DETAILS

ALL BOATS	<b>Boat Name</b> <input style="width: 90%;" type="text"/>
	<b>Sail number</b> <input style="width: 40%;" type="text"/> <small>GBR numbers: include suffix L, X, T, Y, N)</small>
	<small>Dates in format YYYY please:</small> <b>Age date</b> <input style="width: 15%;" type="text"/> <small>Year boat first</small>
	<small>If the boat held a previous IRC or CHS Certificate, give last certificate no.</small> <input style="width: 80%;" type="text"/>

Production Boats	<b>Production boat? See Green tab below for information about stan</b>
	<small>* Remember that if you have a strict one-design you may be able to use the .</small>
	<small>Please check the lists below to see if standard hull data is availat</small>
	<b>Select Builder/Designer below:</b> <input style="width: 40%;" type="text"/>
	<b>Now select boat model/draft, first click</b> <input style="width: 40%;" type="text"/>
<small>Click here and use arrow on right</small>	
<b>If the design is included: Would you like us to use STANDARD HULL DATA for your rating?</b>	
<input style="width: 40%;" type="text" value="&lt;select&gt;"/>	
<small>If YES: You do not need to complete the cells shaded grey below. Please give all other inform</small>	
<small>If NO: Please complete the form as normal. If you want standard data used for some hull mea standard" in the relevant 'Source of Information' box</small>	

If not listed	<b>If your boat's design is not in the lists above, please give Design Class and det</b>	
	<b>Design Class</b> <input style="width: 90%;" type="text"/>	<input style="width: 100%;" type="text"/>
	<small>Version</small> <input style="width: 60%;" type="text"/>	<small>eg. Custom,</small>
	<small>Hull No.</small> <input style="width: 60%;" type="text"/>	<input style="width: 100%;" type="text"/>
	<small>Designer</small> <input style="width: 90%;" type="text"/>	<input style="width: 100%;" type="text"/>
	<small>Builder</small> <input style="width: 90%;" type="text"/>	<input style="width: 100%;" type="text"/>
<small>Dates in format YYYY please: Series date</small> <input style="width: 20%;" type="text"/>		
<small>Year first boat of design laun</small> <input style="width: 20%;" type="text"/>		

## SECTION 1 - MEASUREMENTS

### HULL

#### NOT Standard Hull

IN METRES & KILOGRAMMES	DO NOT ENTER "m" OR "kg"!		<b>Sou</b> <b>MUS</b>
Hull Length	<b>LH</b>	<input style="width: 50px;" type="text" value="0,00"/>	
Bow & stern overhangs	<b>BO</b>	<input style="width: 50px;" type="text"/>	
x & h - input 0.00 if no flying bow	<b>x</b>	<input style="width: 50px;" type="text"/>	
	<b>h</b>	<input style="width: 50px;" type="text"/>	
	<b>SO</b>	<input style="width: 50px;" type="text"/>	
	<b>y</b>	<input style="width: 50px;" type="text"/>	
Waterline length	<b>LWP</b>	<input style="width: 50px;" type="text" value="0,00"/>	<small>y is always required</small> <small>calculated from LH-BO-SO</small>

Boat weight (kg)	<b>Weight</b>	<input type="text"/>	<input type="text"/>
OR sailing displacement (kg)	<b>Disp</b>	<input type="text"/>	if no empty wt available
Bulb Weight	<b>Bulb Wt</b>	<input type="text"/>	kg. NOT keel weight
Is any internal ballast fitted?	<select>		If yes : How much ? <input type="text"/>
Hull beam	<b>Beam</b>	<input type="text"/>	<input type="text"/>
Draft	<b>Max</b>	<input type="text"/>	<input type="text"/>
	<b>Min*</b>	<input type="text"/>	<input type="text"/>
<i>*min draft not applicable if keel fixed down when racing</i>			
<b>Wing keel - Span -</b>		<input type="text"/>	<input type="text"/>
applies to wings / winglets only, not bulb keels			
Is the yacht fitted with water ballast ?	<select>		
Max kg water per side		<input type="text"/>	kg
Canting/moveable ballast, max static angle of heel - ballast fully to one side. Note do NOT supply for water ballast.			

RIG			
	Main or forward mast		Mizzen or aft mast
Mainsail upper limit	P	<input type="text"/>	PY <input type="text"/>
Mainsail outer limit	E	<input type="text"/>	EY <input type="text"/>
Foretriangle base	J	<input type="text"/>	
Forestay length	FL	<input type="text"/>	
Spin / whisker pole or tack length	STL*	<input type="text"/>	
<b>*STL always required when spinnaker used, even if tacked to deck</b>			

**SAILS**

Name of sailmaker (s) loft (s)			
Longest LL of any headsail	<b>HLU max</b>	<input type="text"/>	<b>HSA*</b> <input type="text" value="0,00"/>
Headsail luff length	<b>HLU**</b>	<input type="text"/>	
Headsail perpendicular	<b>HLP**</b>	<input type="text"/>	
Headsail 1/2 width	<b>HHW **</b>	<input type="text"/>	
Headsail 3/4 width	<b>HTW **</b>	<input type="text"/>	
Headsail upper (7/8) width	<b>HUW **</b>	<input type="text"/>	
Headsail Foot Offset <b>if &gt;7.5% LP</b>	<b>FootOffset</b>	<input type="text"/>	
Mainsail upper (7/8) width	<b>MUW</b>	<input type="text"/>	
Mainsail 3/4 width	<b>MTW</b>	<input type="text"/>	
Mainsail 1/2 width	<b>MHW</b>	<input type="text"/>	
No. of spinnakers carried when racing <i>(no rating reduction for fewer than 3 spis)</i>		0	<b>symmetric</b>
		0	<b>asymmetric</b>
Symmetric spinnaker luff	<b>SLU</b>	<input type="text"/>	<b>or SPA</b> <input type="text"/>
Symmetric spinnaker leech	<b>SLE</b>	<input type="text"/>	
Symmetric spinnaker foot	<b>SFL</b>	<input type="text"/>	
Symmetric spinnaker half width	<b>SHW</b>	<input type="text"/>	
Asymmetric spinnaker luff	<b>SLU</b>	<input type="text"/>	<b>or SPA</b> <input type="text"/>
Asymmetric spinnaker leech	<b>SLE</b>	<input type="text"/>	
Asymmetric spinnaker foot	<b>SFL</b>	<input type="text"/>	
Asymmetric spinnaker half width	<b>SHW</b>	<input type="text"/>	

Ketches/yawls only :	LLY	<input type="text"/>
Mizzen staysail LP	LPY	<input type="text"/>

## SECTION 2 -CONFIGURATIONS

### HULL and APPENDAGES

Please select the most suitable description from each category. If "other" give details this form

<b>Hull form</b>	<input type="text" value="&lt;select from list&gt;"/>	nb. Most pro
<b>Keel configuration</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Single fin keel type*</b>	<input type="text" value="10 'T' bulb"/>	
<small>*Select keel shape number (ignore a, b etc.) See "IRC Keels" worksheet, or page in Y</small>		
<b>Rudder</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Hull material</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Accommodation</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Accommodation material</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Trim tab</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Daggerboards (other than keel)</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Canard/forw</b>	<input type="text" value="&lt;select from list&gt;"/>	

Hull Hollows: Are there any hollows (concave sections) in the surface of the hull above the waterline in any section at or aft of maximum beam?

*If YES please supply photo/drawing*

<b>Keel fin material*</b>	<input type="text" value="&lt;select from list&gt;"/>	
<b>Bulb/wing material</b>	<input type="text" value="&lt;select from list&gt;"/>	If 'other' <input type="text"/>
<b>Material in keel fin. See notes on right --&gt;</b>	<input type="text"/>	
<b>Does the boat weight include: Batteries?</b>	<input type="text" value="&lt;select&gt;"/>	<b>ushions</b> <input type="text" value="&lt;select&gt;"/>
<small>(nb. If yes, will be stated on certificate &amp; must be carried when racing)</small>		

### RIG CONFIGURATION

<b>Rig type</b>	<input type="text" value="&lt;select from list&gt;"/>	<input type="text" value="&lt;select from list&gt;"/>	<input type="text" value="&lt;select fr"/>
<b>Mainmast material</b>	<input type="text" value="&lt;select from list&gt;"/>	if other : <input type="text"/>	
<b>No. of pairs of spreaders</b>	<input type="text"/>		
<b>No. of pairs diamonds/jumpers</b>	<input type="text"/> (forward facing spreaders on frac		
<b>No. of aft stays or pairs of stays. See links --&gt;</b>	<input type="text"/>		
<b>Spreader sweepback</b>	<input type="text" value="&lt;select from list&gt;"/>		
<b>Does the rig have any unusual / non standard features?</b>	<input type="text" value="&lt;select&gt;"/>		
<small>If yes, give details in box at end of form</small>			

<b>Standing rigging material</b>	<input type="text" value="&lt;select from list&gt;"/>
<b>Specify here if 'other'</b>	<input type="text"/>

See Rule 15.2: Does the boat use stored power for the operation or adjustment of running rigging (excluding mainsail halyard or the reefing or furling of sails)?

<b>See Rule 21.1.6. MAST FOOT: is your boat fitted with or carrying aboard systems to adjust the mast foot while racing?</b>	<b>FORESTAY: is your boat fitted with or carrying aboard systems to adjust the forestay while racing?</b>
<input type="text" value="&lt;select from list&gt;"/>	<input type="text" value="&lt;select from list&gt;"/>

If the boat has no running backstays, checkstays or adjustable backstay, tick here (see rule 2

When racing the yacht uses (spi/whisker pole/bowsprit) :		<select>
Is a roller furling headsail fitted?		<select>
TOTAL No. of headsails carried that may be used when racing		<select from list>
AND : ISAF heavy weather jib carried ?		<select>
LP/J ratio. If less than 1.30 not eligible for furling allowance:		
In-mast furling?		<select>

ENGINE & PROPELLER	
Engine type	<select from list>
Propeller type	<select from list>
Engine weight (kg)	<input type="text"/>
Make, model & horsepower :	<input type="text"/>
Bow thruster	<select from list>
Is the yacht a dayboat ?	<select>
Are lifelines fitted ?	<select>
See IRC Rule 24 ie. compliant with ISAF Offsh	

STANDARD FITOUT	
Please give details of any standard furniture removed or altered	
Table removed	<select>
Door(s) removed	<select>
Other items	<select>
or: non-standard table? <select>	
If Yes, how many? <input type="text"/>	
If Yes, give details	
<input type="text"/>	

CHANGES TO ORIGINAL SPECIFICATION / OPTIONAL EX	
<p>Have any changes been made to the hull, keel, rudder or interior since the boat was first launched from production specification if a production boat? Does the boat have any optional extras fitted eg. deck chairs, etc. If so, give details. The Rating Office may request photographs or drawings so including these with your application. If you have any questions, please contact the Rating Office. If you have any changes, please give details. The Rating Office may request photographs or drawings so including these with your application. If you have any questions, please contact the Rating Office.</p>	
<input type="text"/>	

**Measurer Name/Number (if appropriate)**

DECLARATION	
<p>I confirm that the information supplied is correct to the best of my knowledge. I confirm that I have read and agree to comply with them in full. I am aware that the Rating Authority will maintain my rating data in a database and I confirm that I have no objection to these data being maintained and used for rating information.</p>	
<p>Tick box to show that you have read and accept the above</p>	<input type="checkbox"/>
Name	<input type="text"/>
Date	<input type="text"/>

From time to time we may make owners' names and addresses, including e-mail, available to parties with a legitimate interest in yachting related subjects. If you DO NOT wish to receive such information, please tick here :

If you would like to receive the Rating Office e-newsletter please subscribe from [www.rorcrating.com](http://www.rorcrating.com)

**OWNER and CONTACT DETAILS**

**If owner is a Company, enter Company name in 'Surname/Family name (s)'**

Surname / Family name (s)

First / given name(s)

User/charterer name if different

Address for correspondence 1

Address 2

Address 3

TOWN

Post / zip code

Telephone

Residential Geographic Area\*

Mobile

Country

E-mail address

**Please select your RATING AUTHORITY and SAILING AREA from the boxes below:**

Rating Authority

Sailing area

RORC member No. if applicable

UNCL member No. if applicable

To request a Yearbook contact your Rule Authority [Online Yearbook at www.rorcrating.com](http://www.rorcrating.com)

**APPLICATION FEE & PAYMENT**

**GBR boats - pay online through MyIRC at [www.rorcrating.com](http://www.rorcrating.com) and s**

**Your certificate will be e-mailed in PDF format to the email address**

**IRC Certificates Expire 31/12/2017**

**ADDITIONAL COMMENTS/NOTES: attach a separate document if necessary**

Multiple horizontal lines for entering additional comments or notes.

LH up to 17.99m  
LH 18.00m and over

13,00	per metre	currency fee
17,25	per metre	left

FEE CALCULATION	
0,00	LH from the form
0,00	BASE FEE
0,00	FINAL FEE INCLUDING EPF <i>(this one appears on the application)</i>

Currency: **Standard fee £ Sterling** Type the nar

**DO NOT CHANGE HIDDEN ROWS BELOW, or the drop-down selections will not work!**

**2017**

IRC is sponsored in GBR & FRA by

Ver: 161122



lish

**Website links:**

[Measurement Definitions](#)

[IRC Rule text](#)

**Completing this form**

letter where applicable (eg. R,  
it launched in current form

**Standard hull data**

*simplified OD form \**

ple:

in box below:

**If your design is not included but you think it should be, please contact your Rule Authority**

ation.

asurements, please state "use

**Details here:**

*eg. S&S 42, J 97, Half Ton*

*wing keel, tall rig*

ched



**Source of information**

**DO NOT BE COMPLETED**

[Measurement drawings](#)

**F**

**Please DO NOT**

1. Complete if no details given

2. Please only work!

3. Please leave

4. If this is a new request further

[5. For product](#)

[6. Refer to Ke](#)

7. Your sailmaker

8. Put any additional

**9. Please refer to the person sending you**






HULL CONFIGURATION
s in the box at the end of
duction boats are fair form
earbook
[dropdown]
<b>ard rudder</b>
list> [dropdown]

HULL CONFIGURATION

**Production boats with standard hull data:  
Please confirm keel configuration, keel type  
and draft measurements to ensure we use the  
right version**

lect> [dropdown]
*see keel shape sheet for surface fairing definition

KEEL MATERIALS

kg
[dropdown]

**New for 2017. Rule 19.6 Any material in the keel fin of a keel type 10, 11 or 12 with a specific gravity greater than 9.0 (eg. lead) shall be declared in writing.**

MAIN MAST and STANDING RIGGING
om list> [dropdown]
tionally rigged boats)
<a href="#">see drawings</a>
<b>See Rule 21.2</b>
[dropdown]

MAIN MAST and STANDING RIGGING

**Changed for 2017. [Click here to see new Definition of Aft rigging](#)  
[Link to aft rigging drawings](#)**

<select from list> [dropdown]
d with or carrying aboard y length while racing?
[dropdown]
1.1.6) <input type="checkbox"/>

STORED POWER

ADJUSTABLE MAST FOOT / FORESTAY

RULE 21.1.6 re forestay adjustment. (New question 2015)

from list> ▼

SPINNAKER/WHISKER POLE TYPE

(excluding ISAF storm & heavy weather sails)  
**#SAY/0!**

SINGLE FURLING HEADSAIL ALLOWANCE

**ENGINE & PROPELLER**

No. of propellers 1 ▼

ENGINE & PROPELLER

BOW THRUSTER

ore Special Regulations

DAYBOAT

GUARDRAILS (LIFELINES)

**rule ref 22.2.2 (HF+)**

FITOUT

▼ If Yes, give details

**TRAS**

CHANGES TO SPEC / OPTIONS

ched, and/or from the original  
. carbon rudder? If yes please  
your application will avoid

<select> ▼

If yes, give details below

**DECLARATION**

DECLARATION

have read the IRC Class Rules  
ting details on its computer  
he purposes of analysis and

hing to circulate information on



**IRC application**  
is in the two boxes on the

02.03.2017

irc trial form (Before Conception)-2017

LH up to 17.9  
LH 18.00m ar

FEE CALCULA	
	0,00
	0,00
	0,00

ne of currency in which you will take payment

**PLEASE READ BEFORE COMPLETING FORM**

**NOT use this form for amendments or trials - use the appropriate separate form**

Colours below correspond with sheet tab colours

1 METRES & KILOGRAMMES. Default values may be used as shown  
ven

enter value eg. 9.99 do not add "m" or "kg" as calculations will not

any non-applicable cells blank, do not enter N/A.

ew design please attach profile/plan/sailplan drawings; we may  
r information.

ion designs, see [Standard hulls sheet](#) and [www.ircrating.org](http://www.ircrating.org).

el shapes sheet to define keel type.

aker will almost certainly be able to supply sail data.

ditional notes in the space at the end of the form

**fer to the VALIDATION SHEET for data checking before  
r form.**

ates)

s acceptable for standard certificates

**if any headsail has a luff length longer than LL**

**g to mainsail widths**

Applied, the following data will be used:

0,00	E required for calculation
0,00	
0,00	

**if your sails are LARGER than this then you MUST supply the  
s per Rule 21.5.2**

your sails are SMALLER than this then it is in your interests to supply  
a.









**IRC application**

02.03.2017

irc trial form (Before Conception)-2017

9m	11,30	per metre
and over	15,00	per metre

**NOTION**

LH from the form

BASE FEE

FINAL FEE INCLUDING EPF

*(this one appears on the application)*