

1976

International EUROPE Class Measurement Form

Authority: International Yacht Racing Union, 60 Knightsbridge
London SW1X7JX, England

IN ORDER TO OBTAIN A MEASUREMENT CERTIFICATE

1. The builder shall pay the building fee of US \$20.00, or its equivalent in other currencies to the I.Y.R.U. who will issue an I.Y.R.U. Plaque to the builder.
2. The owner or builder shall apply to his National Authority (N.A.), or his National Europe Class Association, if the N.A. is not administering the class, for a sail number, enclosing the Building Fee Receipt.
3. A measurer officially recognized by a N.A. shall take all the measurements on this form. Further the yacht is required to conform with all the class rules even though the measurements are not required on this form.
4. This form, when completed, shall be submitted by the owner to his N.A., or his National Europe Class Association if the N.A. is not administering the class, together with any registration fee required.

BEFORE SUBMITTING PLEASE MAKE SURE THAT THIS FORM IS PROPERLY COMPLETED

NAME OF BOAT..... SAIL NUMBER.....

OWNER'S NAME.....

OWNER'S ADDRESS.....

.....

OWNER'S CLUB.....

BUILDER'S NAME..... I.Y.R.U. Plaque No.....

DATE COMPLETED..... DATE MEASUREMENT COMPLETED.....

BOAT BUILT OF WOOD/G.R.P. (delete whichever is not appropriate)

GENERAL NOTES FOR MEASURER

1. If the measurer is in any doubt regarding the accuracy of any part of the boat, its spar, sail or equipment, he shall report it on the measurement form.
2. The boat shall comply with the class rules even if not specifically mentioned on the measurement form.
3. Measurements referred to "the aft measurement point" shall be taken from the vertical plane through the intersection of the lowest point of the transom with the underside of the hull.
4. All measurements are in millimetres unless otherwise stated.

Rule No.	Item No.	Measurement	Minimum	Actual	Maximum
		<u>HULL</u>			
7(2)	1	Overall length, including stem band but excluding overlap, measured from the aft measurement point.	3340		3360
7(2)	2	Forward end of centreboard slot from the aft measurement point, measured along the keel.			2005
7(2)	3	Aft end of centreboard slot from the aft measurement point, measured along the keel.	1465		
7(2)	4	Width of centreboard slot.	18		22

Rule No.	Item No.	Measurement	Minimum	Actual	Maximum
7(2)	5	Distance from aft measurement point measured along the keel to: (a) Station 10 (b) Station 6 (c) Station 3 (d) Station 1	1004 2005 2756 3269		
7(2)	6	Base line to underside of hull on its centreline at: (a) Transom (b) Station 10 (c) Station 6 (d) Station 3 (e) Station 1	50 2 131	160 49	70 22 151
7(2)	7	Distance from aft measurement measured along the surface of the hull directly under the rubbing strakes to: (a) Station 10 (b) Station 6 (c) Station 3 (d) Station 1	1008 2016 2809 3400		
7(2)	8	Distance from surface of hull to template at: (a) Transom (b) Station 10 (c) Station 6 (d) Station 3 (e) Station 1 (f) Stem	0 0 0 0 0 0	Min Max	20 20 20 20 20 10
7(2)	9	Height of sheer at: (a) Transom (b) Station 10 (c) Station 6 (d) Station 3 (e) Station 1 (f) Stem	-10 -10 -10 -10 -10 -10		+10 +10 +10 +10 +10 +10
7(2)	10	Beam excluding rubbing strakes at: (a) Transom (b) Station 10 (c) Station 6 (d) Station 3	1145 1376 1228 768		1165 1396 1248 788
7(4) (i)	11	Aft face of bulkhead from aft measurement point	1980		2020
7(2)	12	Internal length of the top of the centreboard case			470
7(2)	13	Distance from sheer line at station 7 to top of centreboard case	174		194
7(4) (iv)	14	Centre of mast hole from aft measurement point	2680		2720
7(2)	15	Distance between side tanks at: (a) Transom (b) Station 6	640 720		680 760
7(2)	16	Are sides of side tanks straight between transom and station 6?		Yes/No	
7(2)	17	Radius of side tanks	110		150
7(4) (v)	18	Is there a drainage hole in each side tank?		Yes/No	
7(4) (i)	19	Is there a hatch in the forward bulkhead?		Yes/No	
7(2)	20	Deck camber at forward bulkhead	42		62

Rule No.	Item No.	Measurement	Minimum	Actual	Maximum
7(2)	21	Is the top of the transom straight between sheer lines with tolerance of $\pm 10\text{mm}$?		Yes/No	
7(4) (vi)	22	Is the total area of holes in the transom less than 0.02 m^2 ?		Yes/No	
7(4) (vii)	23	Does the lower mast bearing comply with rule 7(4) (vii)?		Yes/No	
7(4) (iii)	24	Width of rubbing strakes			40
7(4) (iii)	25	Depth of rubbing strakes			25
	26	Deck overlap at transom and stem			20
15(2)	27	Is there a fitting at the stem for a painter?		Yes/No	
9	28	<u>CENTREBOARD</u>			
		(a) Do materials comply with rule 9?		Yes/No	
		(b) Maximum thickness	18		22
		(c) Is the profile of the centreboard within 10mm of the design shape?		Yes/No	
		(d) Weight of centreboard			5kg
10	29	<u>RUDDER BLADE</u>			
		(a) Do materials comply with rule 10?		Yes/No	
		(b) Maximum thickness	18		22
		(c) Is the profile of the rudder blade within 10mm of the design shape?		Yes/No	
		(d) Maximum depth of rudder blade below the underside of the hull at transom			600
		(e) Does the rudder blade pivot?		Yes/No	
11	30	<u>MAST</u>			
11(4)		(a) Diameter of mast, including mast ring, at the deck			80
11(5)		(b) Diameter of mast, including protection ring, at the heel	47.5		52.5
11(6)		(c) Distance from heel to centre of deck bearing ring	445		455
11(7)		(d) Does mast comply with rule 11(7)?		Yes/No	
11(8) (i)		(e) Distance of upper edge of lower measurement band above sheerline at station 3			335
11(8) (ii)		(f) Distance of upper edge of lower measurement band to lower edge of upper measurement band			4570
11(9)		(g) Gap between the bearing surfaces on the boat and the mast at:			
		(i) deck			5
		(ii) heel			5
11(10)		(h) Weight of mast including fixed fittings and correctors but excluding halyard	5.5kg		
11(10)		(j) Weight of correctors			0.5kg
11(11)		(k) Distance from heel to the centre of gravity of mast	1900		
11(12)		(l) Can the mast fall out in the event of a capsize?		Yes/No	
12	31	<u>BOOM</u>			
12(4)		(a) Will boom without fittings pass through a circle of diameter 76mm ?		Yes/No	
12(5)		(b) Depth of boom	60		
12(6)		(c) Does boom comply with rule 12(6)?		Yes/No	
12(7)		(d) Distance from aft edge of mast to forward edge of measurement band			2740

Rule No.	Item No.	Measurement	Minimum	Actual	Maximum
12(8)		(e) Overall length of boom measured from aft edge of mast (f) Is top of boom level with or above upper edge of lower measurement band?		Yes/No	2890
13(1)	32	<u>WEIGHT</u> Weight of hull, including corrector weights and fixed fittings but excluding centre-board and rudder Weight of corrector weights	45kg		5kg
13(2)	33	Total weight of the boat ready to sail but excluding items listed in rule 16	63kg		
14	34	<u>SAIL</u>			
14(5)(i)		(a) Length of leech			5320
14(5)(ii)		(b) Width of sail at half height			1680
14(4)		(c) Is the headboard an isosceles triangle in accordance with the measurement diagram?		Yes/No	
14(5)(iv)		(d) Number of battens (e) Do battens divide the leech into equal parts + 50mm?	3	Yes/No	4
14(5)(v)		(f) Sum of the lengths of the battens			2350
14(5)(v)		(g) Distance from forward end of any batten to mast or boom (h) Is any part of the leech concave? (j) Area of transparent panel	150	Yes/No	0.30m ²

DECLARATIONS

1. THE BUILDER

I certify that this boat has been built in accordance with the class rules.

SIGNATURE.....

DATE.....

2. BY THE MEASURER

I certify that I have measured and weighed this boat and that to the best of my knowledge it conforms with the class rules. I also certify that the side tanks are watertight.

NAME OF MEASURER.....

OFFICIALLY RECOGNISED BY.....

SIGNATURE.....

DATE.....