

Speed Graph I.Y.R.U. and R.Y.A. Trials.

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The International Yacht Racing Union and Royal Yachting Association Single Handed Dinghy Trials.

I expect most of you know by now that an International Moth in the shape of a self-draining Shelly design put in an appearance during the recent single handed Olympic Dinghy trials on September 13th - 18th at Weymouth.

When the opportunity came and Bridget offered to lend me her boat, I, of course, jumped at the chance. I felt that here, at last, was an ideal opportunity to prove that Moths can outsail almost anything. Unfortunately this I was not able to do, mainly because of the unsuitable

weather conditions.

For the first three days during which six races were supposed to be sailed, the wind was so light and fickle that in fact only two races could be sailed at all. The very light winds and a nasty chop on the water stopping the boat every few seconds was to me frustrating and hopeless against these 16 foot monsters. I found myself able to stay in front of only five of the 21 boats entered.

However the wind piped up at last on the Thursday to a moderate force four and at once my position improved, in fact I was 5th into the first windward mark in front of such worthy helmsmen as Mike Jackson, Alec Stone, Serg Verneuil, Bachmann and Mike Nokes. Alas the downwind performance of my little boat was quite unable to take on the long ships of all but Alec Stone's Solo and I had the unfortunate experience of watching them plane effortlessly past, almost as if I was going backwards; however the final leg was to windward and I managed to get in front of Mike Jackson's Fury to finish 11th.

It may be of interest to note that all but Mike Jackson's Fury and the Moth had high aspect ratio sails. Final word, big boats go faster than little boats!

Postscript by Bridget. Some helmsmen reading this most modest account by Chris. may be apt to confuse this event with a standard 'one of a kind' meeting, they should remember that these trials were for the fastest single handed boats in Europe with every helmsman a Class Champion. Most boats had either a sliding seat or trapeze to offset their large sail area. A study of the sail areas and size of the leading boats and our Moth is interesting,

Canoe L.O.A. 17'  $\frac{3}{4}$ " sail area 107.6 sq.ft. Cavalier L.O.A. 14' sail area 100 sq.ft. Trapez L.O.A. 15'  $11\frac{3}{8}$ " sail area 132.6 sq.ft. Unit 1 L.O.A. 15' 10" sail area 111 sq.ft. Moth L.O.A. 11' sail area 78 sq.ft.

Watching Chris. carry his boat down to the beach on his back when all the rest needed a launching party must have been quite something!

We all congratulate him on a very fine effort.

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### Certificates

Racing Certificates are issued to owners whose boats meet with the Class Specifications and who are full members of the B.A.I.M.R.

Certificates are renewable annually and are valid during the year of issue only.

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## INTERNATIONAL MOTH SPECIFICATIONS

1. Hull

Not more than 11 ft. overall

Not more than one rudder

Not more than one centre board.

Definition of the overall length of Moth boats to be: From extreme forward section of stem to extreme after section of

the transom, not to include any protrusions.

The use of hiking boards is prohibited at any sanctioned regatta. (A hiking board is defined as an object which can of itself be extended beyond the beam of the boat which would enable the skipper to sit thereon on ( outside of the boat).

# 2. Construction

No restrictions on design or construction.

All spars shall be built straight and shall not Spars. All spars permanently curved.

Mast. Not more than one. Length not more than 16 feet above deck. Mast should not measure more than 31 inches in diameter, including sail track.

Boom. Not more than one. Length not more than 9½ feet.

Diameter not more than 3 inches.

The angle of the mast and boom to be not more than 90 degrees.

Sail limitation Marks \frac{3}{4} inches in width, 15 feet between markings must be placed on mast with top of lower marking 12 inches above the deck. Boom limitation mark to be 9 feet from after edge of mast. All marks must be on mast and boom to compete in any sanctioned regatta.

447 Sail. Not more than one. Sail including headboard and grommet must be set within the markings on the mast and Tom Leech roach to be a true round. Leech roach limitation: Determine the midpoint of the luff by folding the sail back on itself with top of headboard or head grommet even with foot rope at bottom of luff. Determine the midpoint of leech. With sail on floor and with only sufficient pull ( ) eliminate wrinkles, distance between above determined points not to exceed 66 inches.

Sails shall be fastened to boom permanently so that no part of sail is more than three inches from boom.

The Moth emblem shall be placed (painted or sewn) on

both sides of each sail at a distance of about 18 inches from the top of the sail. The Moth Emblem is designed thus: A perfect circle 12 inches in diameter. The circle itself is dark blue and the letter M inside circle is dark red. The width of circle and the letter M inside is 1½ inches.

Battens. Not more than four. Total linear

length not more than 92 inches.

Headboard. Headboards in Moth sails are optional. However, if one is used, it must conform to the standard B.A.I.M.R. headboard in every respect. This headboard is an isosceles triangle, consisting of two significant legs, which will be the luft and leech edges, and a base of 4% inches. There may be a radius of not greater than ½ inch on the corners of the triangle, if desired. This headboard is offered to strengthen a stresspoint only and shall be ruled illegal if it is cocked in any way to increase sail area. All sails trust exceed the specification of this paragraph after January 1st 1964 are illegal.

Sails may be made of any material and no restrictions shall be placed on the price or the number of sails that can be owned by one person.

Measurements taken from the apex of triangle.

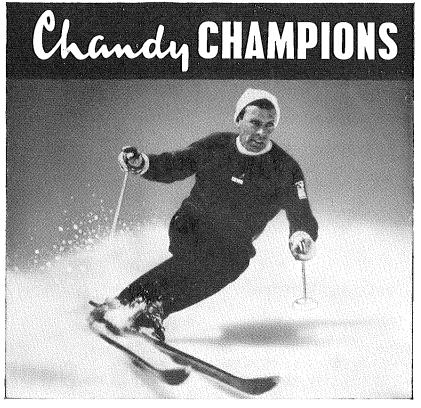
No batten shall be within 6 inches of any spar.

The registration number must be placed on both sides of the sail so as to be easily seen, figures must be at least 8 inches high and 1½ inches in body.

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# FIXTURES FOR 1966

9.10.11.	May.	Royal Lymington Y.C. Blue Circle S.C. Cha	alk. Gravesent
4. 5.	June.	Hythe(Southampton)S.C.	National ()
6. 7.	Anam		Championships.
0. 1.	Aug.	Beaver S.C. Snaith.	Northern
04 05	~ I	Yorks.	Championships.
24.25.	Sept.	Stock Exchange	Southern
_		Thorpe S.C.	Championships )
9.	Oct.	Olton Mere Club,	Midland
		Solihull.	Championships.



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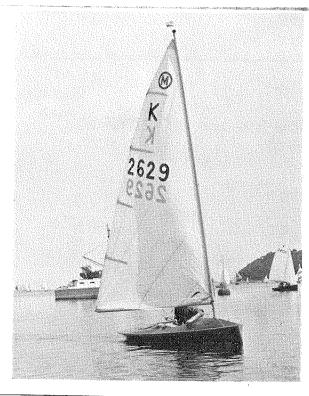
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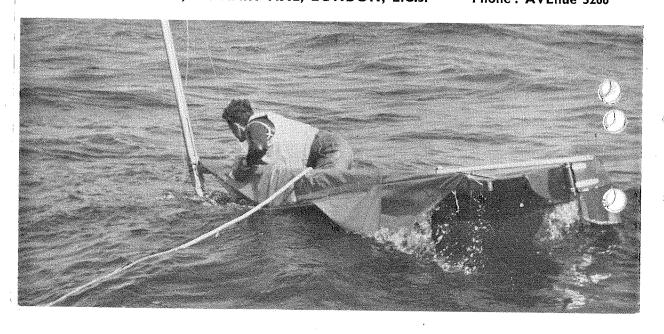
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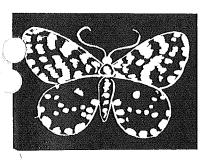
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