

INTERNATIONAL MOTH 1981



DAVE ISZATT AT THE NATIONALS

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- 17. CLWYDE GWYNEDD.
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PRESIDENT'S REPORT

INTERNATIONAL MOTH CLASS ASSOCIATION

I M C A (U.K.)

It is my pleasure to be in the "hot seat" for yet another year, and hope that I can steer the class through these difficult times. I have a keen and able committee around me, and with your support there is plenty of scope for developing the strength of the International Moth in this country.

We have a small and active nucleus of top-flight helms, but it is essential that all members participate in the organised racing for the class to retain its numbers and stature. The German and Swiss are fast outgrowing the British as the major influence in European Mothing and it is a challenge that we must rise to.

I wish you all an enjoyable and successful year's sailing, and hope to have the opportunity to see you all during the coming season.

Regards, John Butler,





THE MALTHOUSE, OTTERBOURNE, Nr. WINCHESTER, HAMPSHIRE. Tel: 0962 713073.



IMCA (U.K.)

INTERNATIONAL MOTH

Class Association Membership

Full Member £6 per annum: Full Membership starts on 1st January after the Member's 19th Birthday.

Junior Member £5 per annum: Junior Membership runs from 1st January after Member's 15th Birthday until 31st December after their 19th Birthday.

Cadet Member £3 per annum: Cadet Membership applies until 31st December after the

Member's 15th Birthday.

Associate Member Any person interested in IMCA (UK) who does not own a £2.50 per annum: boat.

Annual subscriptions are payable on election and on 1st January each subsequent year, except that any member enrolled after 1st October who has paid subscription in that year shall not be required to pay a subscription for the following year.

Payment of membership subscription entitles Moth sailors to a copy of IMCA (UK) Yearbook, all Newsletters, Class Literature and a car sticker. Measurement Certificates are not valid unless held by a Member of IMCA (UK).

Newsletter Information

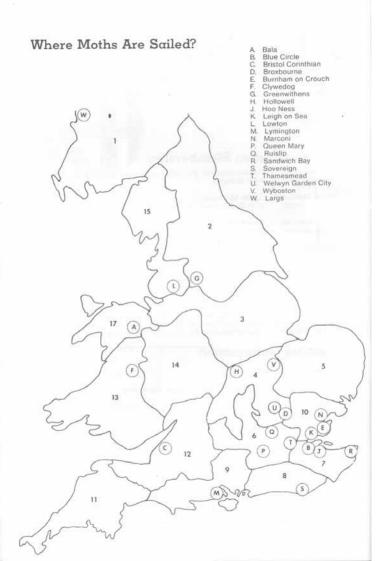
- 1. How many copies? 4
- 2. Dates issued

February, May, August, November

- 3. What is required
- Advance notices of Open Meetings, giving start times, entry fee, route details.
- b. Information regarding handicap meetings.
- Reports and results and photographs sent at the earliest possible opportunity to the Newsletter Editor.
- d. Ideas, experiences, opinions, articles etc.
- 4. Advertising

Contact the Newsletter Editor regarding boats for sale and wanted.

Business advertising - Rates on application.



FIXTURE LIST 1981

APRIL 5th 18/19

Ruislip Royal Lymington Open T.T. Easter Regatta

/20 May 16/17 23/24

Blue Circle Marconi

Open T.T.

Eastern Champs

/25 June 6/7

Sovereign S.C. Llangorse S.C. Southern Champs.

Welsh Champs T.T.

20/21 July 11/18 23/28

Watersprtvereniging Holland World Flevo Dummusee

Champs.

German Nationals.

August 9/14

Mayflower S.C. Plymouth.

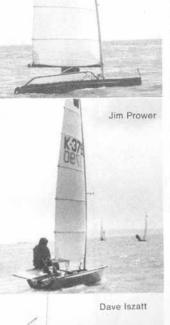
National Champs.

September

12/13 Hoo Ness

Chandy Trophy





K-3779

SUPPLIER OF THE WORLDS FASTEST MOTHS AND EQUIPMENT





Undoubtedly the most successful design of the past five years, this narrow, flat U shaped boat, with a pronounced 'collapsed flare' is still proving to be the best all-round performer. In the hands of David Iszatt it won both the European and National Titles in 1980. The latest trend is towards the through selfdraining cockpit developed on the Phobia. Designed by Mervyn Cook and John Claridge, the Mark 5 version for 1981 features slightly more rocker, finer waterlines, and a simplified construction technique. The boat is scarfed together in plywood on a mould and is therefore unavailable in kit form, but can be bought in various stages from bare shell to completed boat.



WOMBLE

Peter Conway sailing as fast as ever but without getting the results.



A Womble with bars - its true potential may never be known.

Designed in 1974, Peter Conway's Womble has a superb light and medium weather performance, and always features in the results throughout the year. The Mark 3 version was first built in 1978 and Peter has comapaigned his with success. Although it has not been as prominent as usual in the UK during 1980, its results in the hands of the German Buhler brothers have been most impressive. This includes a very close second place in the '80 European Championships. Built in plywood, it features integral "box type" wings, a conical bow, and rockered parallel chines. It can be built from plans although it is unpopular with professional boatbuilders due to the complexity in its construction, and the only version available as a complete boat comes with out the box wings, and had proved to be more unstable.

DRAGON



Developed by Sean Cox from 1974 until 1977, this ultra narrow flattened U sectioned design first made its apperance in 1978. Built in glassfibre with wood decks, it needs to be stayed from the end of the forward wing due to its narrowness. Despite its extreme looks, Sean insists that it is stable and controllable, and no-one can doubt its incredible all-round boatspeed. The boat is available in stages from a bare shell to the complete. Sean finished third in the 1980 Nationals in conditions which varied from light to gale force, and with Michael Iszatt now sporting the same design, it will certainly show up in 1981.

Man and Tim Barclay.



Roger Angell sailing in MOTH WEATHER??? at Blue Circle.

Another design from the Mervyn Cook / John Claridge stable, this simple and sensible boat has proved to be both popular and competitive during 1980. It is certainly more stable than all of the other featured designs, and particularly quick upwind. Some doubts have been voiced about its downwind speed but it remains a good all-rounder. It is built in plywood over a mould and can be completed from a bare shell in the minimum of time. Simon Allen took his to a 4th place in the Nationals and Jim Prower won the Open Dutch title in his.



EUROPEANS

The Iszatts (with body guard) Surrounded by armed French police (they escaped in time to compete).

H. Buhler (6th) both brothers sail relatively heavy wombles.



C. Buhler a very competitive German who came second.













J. C. Still suffering from the local wine !!!! (4th)



Robin Wood (3rd) gets a silver rabbit? John Iszatt becomes a poser (8th)



Toby Collyer with a new pencil case (13th) Mike Iszatt your Yearbook Editor





DEVELOPEMENT - Deck layout.

The photograph below is of Simon Allen's Phobia. The areas to look at are:

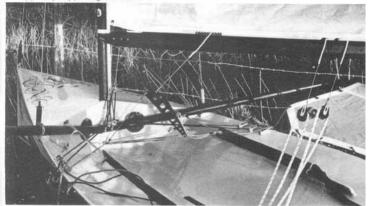
(a) Mainsheet blocks running from strops which reduces the mainsheet required.

(b) Fairleads consisting of pulley blocks running the control lines to cleats positioned out of the way but within easy reach.

(c) Fablon used instead of leakable buoyancy hatch covers.

(d) Toe straps held up by elastic over the push-off points enabling 'pushing out' and 'catching on' in one movement.

(e) The pretty painting on the bow.



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DEVELOPMENT

GENERAL.

The shift from pink to yellow 'marigolds' pioneered by Dave Barnes is continuing and is bound to improve the image of the class

Simon Allen is trying out the new'dry suit' sails, (see photographs for reason).

HULL.

John Claridge has built a Magnum V which is 4\%" finer than the successful Mk. III. Dave Iszatt sailed his to victory at Littleton S.C. showing the design has potential.

Sean Cox, the most unorthodox moth designer and builder has put programmes to computer and is currently updating the successful Dragon MkII replacing the wing stayed mast with conventional staying points??

The overall picture shows that the most successful hulls have a finer entry for sailing through the waves rather than over them when beating. The flat planing section running aft from the dagger board is universal, only its width differs. The hulls designed for sailing 'over' waves (which includes a large number of foreign designs) generally only manage to do well in light winds.

SAILS.

SANDERS and HARGREAVES sails are the most popular and successful. In heavy winds most helms use stiffer glass fibre battens to flatten the sail and reduce the risk of breakage. In light winds (apart from a glass fibre bottom batten) the more flexible plastic electrici tubing is used to make the sail fuller.

MAST AND SPARS.

The bendy NEEDLESPAR 1.3/4 and 1.7/8 masts are still the most popular but the stiffer PROCTOR is making inroads. There is great debate about the merits of each type of mast. Here are a few of the arguments:-

Bendy. In heavy winds it will feather off the top of the sail where there is most leverage thus spilling without reducing the sail area to a great extent. After setting the spreader and prodder the mast can be bent to varying degrees by using the kicking-strap thus helping sail setting. In light winds the mast will whip across after a tack, giving the boat an initial push.

Stiff. In heavy winds the chance of a breakage is reduced. The heavy helm can use all the power available because the mast does not bend away and sail distortion in the gusts will not occur. With fewer variables to cope with, sail setting and tuning is simplified. The absence of a spreader and a prodder (which therefore reduces windage) is one of the reasons for this.

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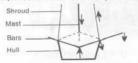


A PHOBIA DESIGN READY FOR DECKING.

Home builders beware! It looks very simple and very weak. It is neither.

The boat shown was built by a professional and incorporates all the latest 'Moth' technology, stresses being equalised wherever possible and the best yet lightest materials being used. The home builder would probably have to add additional bulkheads to make his boat sailable. The home builder sould consider the following points.

- 1) Curves give greater strength than flats, remember when decking.
- 2) It is useless adding stre igth to surrounding weak areas.
- 3) A boat made too stiff is liable to crack up. Allow for give.
- Equalise stresses wherever possible.



The weight of the helm via the bars and a forward bulkhead running from the shroud plates to the king post can help equalise stresses created by the rig.

- 5) A boat which is heavy creates more resistance and has to be stronger which in turn means it has to be heavier. . . . etc. Don't get into this vicious circle.
- 6) Use a reliable woodglue such as Cascaffin. Avoid CASCAMITE.
- 7) All the edges should be strong (the photo shows this) and wide enough to take a lot of glue.
- 8) Drill holes in bulkheads to let water drain out and to air out buoyancy compartments.
- A softwood such as spruce and 3mm gaboon plywood are good materials.
- 10) Remember your own weight.



Simon Allen up to his usual tricks.

DEVELOPED

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- To reduce aerodynamic drag for greater efficiency



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How to obtain a Moth Certificate

1 SECONDHAND BOATS.

If your Moth has been previously certificated, the Measurement and Technical Chairman can issue a new certificate in your name on the receipt of $\mathfrak{L}1$.

2. NEW BOATS AND THE BUILDING FEE RECEIPT.

- a. Professionally Built. The builder should give you a Building Fee Receipt and the boat will already have a sail number allocated.
- b. Home Built, To obtain a Building Fee Receipt you send £6.50 to the Measurement and Technical Chairman. He will send back to you the receipt and your allocated sail number. The Building Fee will be increased by the IYRU in July, to approximately £7.

3 MEASUREMENT FORMS.

These can be obtained from the Measurement and Technical Chairman on the receipt of 35 pence. You are advised to send £6.85 when asking for a Building Fee Receipt, and the measurement forms will be sent with your receipt. This saves both you and the Association time and expense.

4. MEASUREMENT PREPARATION.

Before you arrange to have your boat measured PLEASE CHECK THE FOLLOWING MAIN POINTS AT LEAST:

- a. That the hull is marked INDELIBLY with numbers and the national letter (k) in figures not less than 30mm high on the port side aft (only drilled, carved, burnt or moulded letters acceptable).
- b. That the correct Moth insignia is on the sail, the right sail letter and numbers of correct size are securely attached, the starboard side numbers highest and the mid point of insignia and the numbers are above half height.
- c. That the coloured, bands of contrasting colour to the spars are painted on the mast and boom minimum 15 mm wide, and that the sail will not extend beyond the inner edges when set.

5. CONTACT A MEASURER.

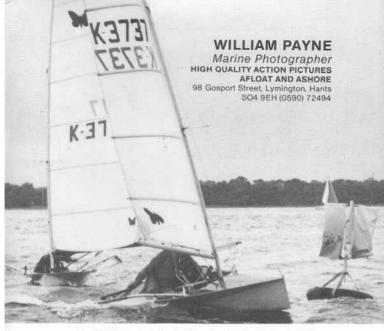
Arrange with one of the measurers on the approved list to have your boat measured. Take with you the boat, mast, boom, sail, battens, Building Fee Receipt and measurment forms. The Measurer is required to charge you £2 for the actual measurement, so remember to take your wallet.

6. CERTIFICATION.

Send your completed measurement forms with a cheque or postal order for $\mathfrak E1$ to the Measurement and Technical Chairman. He will send you an official Measurement Certificate which will make you eligible to race legally.

Measurers 1981

SIMON HARRISON: 14 Almond Drive, East Kilbride, Glasgow (Area1) COLIN BROWN: 16 Kintyre Drive, Thornaby, Cleveland (Area 2) BOB CROSBY: 40 Patterdale Road, Wood Thorpe, Nottingham (Area 3) SIMON WHITE: 8 Grange Mount, West Kirkby, Wirrall, Cheshire (Area 3) ALEX CLIFTON: 'Hawthorns' 60 Bury Lane, Datchworth, Herts (Area 4) JOE HOLMES: 16 The Ridgeway, Cuffley Herts. LESLIE SANDERSON: 62 Mill End Road, Cherry Hinton, Cambridgeshire (Area 5) PETER CONWAY: 8 Tewkesbury Avenue, Pinner, Middx. (Area 6) MERVYN COOK: 6 Park View, Hollies Court, Addlestone, Surrey (Area 6) ANDY FRANCIS: 133 Whyteleafe Road, Caterham, Surrey (Area 6) NICK ALEXANDER: Croft House, Northcroft Close, Englefield Green, Surrey (Area 6) ROSS ELLISTON: 9 Bede Close, Pinner, Middx. (Area 6) JOHN BUTLER: 153A Shrewsbury Road, London E7 (Area 6) TONY GOULD: C/o Glacier Metals Ltd., 368 Ealing Road, Alperton, Middx. (Area 6) JIM PROWER: 98 Iffley Road, Hammersmith, London W6 (Area 6) MIKE FITZPATRICK: The Old Vicarage, Dunkirk, Faversham, Kent (Area 7) ALAN MOLLATT: 'Alpha', Jubilee Road, Deal, Kent (Area 7) CHARLES CAMPION: 20 The Almonds, Bearsted, Maidstone. Kent (Area 7) MICK GREEN: 11 King Harold's Way, Bexleyheath, Kent (Area 7) HOWARD BETTS: 12 Chelmwood Avenue, Goring-By-Sea, Sussex (Area 8) BILL SHORT: 279C Easter Road, Brighton, Sussex (Area 8) TIM BURGESS: 40 Pine Crescent, Highcliffe Dorset (Area 9) MIKE DENHAM: 8 Church Road, Gurnard, Isle of Wight. ALF CLARIDGE: 25 Woodside Avenue, Lymington, Hants (Area 9) GORDON TROWER: 20 The Broadway, Grays, Essex. (Area 10) BARRY COX: 4 Claremont Terrace, Falmouth, Cornwall (Area 11) GEOFF OSMAND: Trevemper House, Newquay, Cornwall (Area 11) A. IRELAND: 23 Fredington Grove, Milehouse, Plymouth (Area 11) ERIC KENNET: 21 Duchess Way, Upper Stratton, Swindon, Wilts (Area 12) COLIN EVANS: 2 Tre-Honddu, Llanvihangel Crucorney, Abergavenny, Gwent. (Area 13) W. H. WALSH: 37 Bratch Lane, Wombourne, Wolverhampton, West Midlands. (Area 14) CHRIS COTTRILL: 97 Station Road, Wombourne, Wolverhampton, West Midlands. (Area 14) GORDON WAUGH: 41 Broad Oak Crescent, Bamston Hill, Shrewsbury (Area 14) NEVILLE GRINDLEY: 60 Half Edge Lane, Eccles, Greater Manchester (Area 15) RAY CARTER: 10A Leicester Street, Southport, Lancashire (Area 15) ROGER ANGELL: Eldene, 106 Shutts Lane, Earlswood, Solihull, W. Midlands, (Area 14)



John Claridge gybes ahead of Dave Iszatt at the Nationals 1979.

YEARBOOK 1982

The quality and quantity of information contained in the yearbook will decline unless YOU:

- 1. Send in new ideas.
- 2. Provide pictures. (Black & white only).
- Help raise finance. (GET anyone whether they are interested in sailing or not to take an advert).
- 4. Read this appeal, and spread the word.
- 5. Now get off your backside & sail.

ACKNOWLEDGMENTS

The Editor would like to thank John Butler for general assistance; William Payne, John Butler & John Claridge for photography.

Produced and edited by Mike Iszatt.



Leaning the boat reduces the wetted area of the hull.