

August 2004

TOPIKO

ISAF One Metre from SAILSetc

SAILSETC
MISCELLANEOUS INFORMATION
MIO 23

new IOM from SAILSetc

On 6th August 2004 we started construction of a new plug for a One Metre.

TOPIKO is very similar to ITALIKO, with which we are very pleased, and the above waterline lines, wetted surface area, stability and general dimensions are nearly the same.

The differences are small changes to the section shape, rocker line, longitudinal centre of buoyancy and detail cosmetic treatment of the transom and bow.

The decision to build the new plug is based on favourable reports of the performance of a number of close sisters to ITALIKO that have been built and trialed. In particular they are reported to have excellent speed downwind in a breeze and the ability to sprint away in a gust. Time will tell if this difference represents a genuine overall increase in performance of what is already known to be a superb design (2000, 2003 and 2004 UK champion, 2002 and 2003 Iberian champion, 2004 Adriatic champion, 2004 USA champion) or whether it is a change of emphasis.

We expect to build and fit out this boat with the same options and exactly as per the recent ITALIKO's that we have built. Please refer to our Specification and Boat Order Form that identifies all the available options and prices.

On Options 2 and 3 (servo sail control system) we have started to use a 100 mm drum with the Hitec servo. This is a little different to earlier ITALIKO's which used an arm on the servo. The changes made simplify the installation, reduce the friction, increase the pull available at peak load times and reduce the ingress of water.

Customers who have an ITALIKO on order should decide whether they want us to mould ITALIKO or the new boat. There is no cost difference. Please let us know as soon as possible – we will suspend moulding of your boat until you confirm which you want.

At the same time we will start to use a revised fin box/mast tube moulding that has an 8 mm wide cavity for the fin instead of 10 mm. Fins are invariably thinner now and this change will save a small drag penalty from carrying unwanted water in the box.

SAILSETC

Graham & Lorna Bantock 141 high street kelvedon essex england co5 9aa
tel + 44 (0) 1376 570 583 fax + 44 (0) 1376 571 437 sales@sailsetc.com www.sailsetc.com

construction

This is the same as for IKON/ITALIKO. To simplify construction and maintenance and keep building weight low there is an open area of deck aft which is covered by self adhesive deck patch material. The foredeck area is also cut away to reduce weight and improve access to the interior during and after construction.

Deck option 0

The boats we have finished for servo sized winch sail control have circa 250 - 280 grams internal ballast placed low in the hull to bring them up to weight (when using 65 gram battery packs).

The advent of low power consumption sail control units and really high capacity batteries has led us to conclude that a screw top pot set in the deck is no longer a necessary feature. Instead the batteries and receiver are contained in the same pot placed in the boat and accessible via the self adhesive patch which covers the winch and servo. A waterproof switch to be placed in a safe place is provided as part of the Fittings Pack.

Deck option 1

For those who prefer a pot accessible from the deck then we have developed a deck moulding, item 311g/h. This option is for those who want a Whirlwind or RMG winch.

Deck option 2

The internal ballast weight will be considerably less if the boat is to be fitted with a Hitec servo for sail control. Two factors are responsible a) the larger weight of the servo compared with a winch and b) the need to use AA or 2/3AA size cells. Expect to fit 100-150 grams internal ballast.

Deck Option 3

Again, as an option, we can fit a pot at deck level if the boat is to be fitted with the Hitec sail servo.

See the Specification for fuller details.

foils & ballast

In early 2003 we tested a new fin section and found it to be a marked improvement on previous designs. We revised the fin again in 2004 when another small improvement seemed possible. All new boats are fitted with the newest fin.

Production yachts use a plastic injection moulded rudder unless a carbon one is requested when it will also be to the new section shape like the fin.

SAILSETC

Graham & Lorna Bantock 141 high street kelvedon essex england co5 9aa
tel + 44 (0) 1376 570 583 fax + 44 (0) 1376 571 437 sales@sailsetc.com www.sailsetc.com

The ballast is the longer and thinner design we have used since 1998.

rigs

Any existing One Metre rigs can be used with only minor modification. If you want to order rigs please see our Rig Specification and Rig Order Form.

specification and prices

Please see the our One Metre Boat Specification and Boat Order Form.

ordering and payment

You can specify the boat you want by completing the Boat Order Form.

For e-mail customers this is an active spread sheet that allows you to learn about the options and see the cost, and other, implications of the choices you make.

For customers unable to use the Boat Order Form please tell us what you want and we will complete a copy for you. This will be posted to you to sign and return to us.

Confirm your order by sending us a signed copy of the Boat Order Form. This provides us with confirmation of what you have ordered. The specification of your boat can be altered at any time up to production time by submitting a revised and signed Boat Order Form.

Our normal practice is to take a 25% payment on submission of your Boat Order Form. This reserves your spot in the queue. If you are unsure of the final specification details it is worth getting in the queue and deciding the details later.

Another 25% will be taken the week we start to mould the hull, 25% the next week and 25% the next week.

colour

Once you are on the list you will have time to decide the colour scheme which will be restricted as usual. The hull and foredeck will be all one colour. The deck unit can be the same or another contrasting colour.

SAILSETC

Graham & Lorna Bantock 141 high street kelvedon essex england co5 9aa
tel + 44 (0) 1376 570 583 fax + 44 (0) 1376 571 437 sales@sailsetc.com www.sailsetc.com
