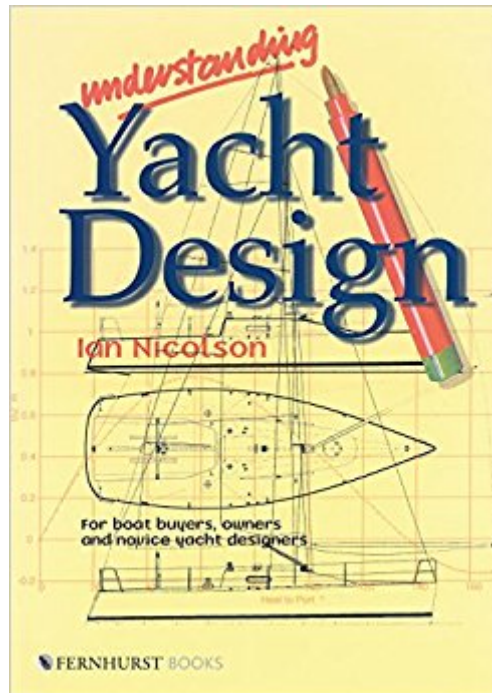




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Understanding Yacht Design



Synopsis

This book is for novice designers who want to use pencil and paper or Computer Aided Design. Most of the math has been replaced by simple rules of thumb. It will be equally useful to boat owners who want to modify the hull, rig, deck layout or accommodation. It will be invaluable to boat buyers who want to answer questions like: How will she sail? How much will she cost? How easy is it to change things? How can I reduce or increase sail area without upsetting the balance?

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Customer Reviews

Did you know that a boat: Roughly doubles in price for every 5ft increase in length?Has a maximum displacement speed of 1.4Vsailing length?Costs very approximately three times the price of the materials used to make her?Will need an engines with at least 4 horsepower per ton to drive her successfully?This book is for novice designers who want to use pencil and paper or computer aided design. Most of the maths has been replaced by simple rules of thumb. It will be equally useful to boat owners who want to modify the hull, rig, deck layout or accommodation. It will be invaluable to boat buyers who want to answer questions like: How will she sail? How much will she costs? How easy is it to change things? How can I reduce or increase sail area without upsetting the balance?

Ian Nicolson has been a yacht designer for over 50 years, following the example of his great grandfather who was closely involved in the design of the Cutty Sark. The younger Nicolson built a 30ft sloop in Canada and sailed it back to Britain single-handed, celebrating his 25th birthday at sea.

He is now senior partner of A. Mylne & Co. - the oldest yacht design / survey firm in the world. He lectures at two universities and has probably written more technical books and articles than anyone. He also races the family Sigma 33 and has been on various race-winning boats since 1945.

I am frankly disappointed with this purchase. It is a clumsy read and even for someone like myself, a mathematician with Ph.D. the technical language is hard to follow

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