

Sail And Rig The Tuning Guide

The Winner's Guide to Optimist Sailing
Understanding Rigs and Rigging
Illustrated Seamanship
Sail Trim
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The Winner's Guide to Optimist Sailing

Combining and updating the renowned Rigger's Apprentice and Rigger's Locker, meets the changing face of modern materials and technology while remaining true

to rigging's best traditional principles and practices. It's much more than a knot book, though the knots a sailor needs are all here. It's a book for sailors who want the satisfaction and hard-cash savings of stepping their own masts, inspecting and maintaining their own rigs, and turning their own tailsplices and wire eyesplices. It is for boatowners who want to replace an entire gang of rigging themselves--measuring, choosing appropriate wire, turning soft eyes, leathering, and serving. It is for bluewater voyagers who want to feel secure in the knowledge that, should a shroud carry away far at sea, they will be able to repair it. The Complete Rigger's Apprentice is also a free-roaming collection of useful ideas and tips on everything from supplementing winches with block and tackle, to rigging snubbers at anchor, to using pantyhose for an emergency fanbelt. In short, it's the definitive book on the art of rigging, written by its most entertaining practitioner.

Understanding Rigs and Rigging

Illustrated Seamanship

Written by one of the best-known figures in all of sailing and a leading authority on Optimist sailing and racing, The Winner's Guide to Optimist Sailing is the ideal training manual for young skippers, their parents, and their coaches. The most

comprehensive sailing guide to the International Optimist dinghy class features:
Step-by-step instructions on every aspect of beginning sailing More than 100
stunning photographs and helpful illustrations Useful tips and winning tactics for
competitive racing Special advice sections for parents and coaches

Sail Trim

Sailing Smart is for every sailor who wants to increase his or her knowledge, understanding, and sailing expertise: the local day-sailor who wants a firmer grasp of the fundamentals, as well as the serious competitor who wants to be up on the latest, most innovative sailing techniques and racing strategies. Buddy Melges, one of the world's best-known sailors, has at last set down his highly original thoughts on how to sail well. He covers the full range of sailing experience, from the general to the specific, the basic to the highly sophisticated. Melges's message is delivered in a bright, uncluttered manner by way of applications from his own sailing experience and through step-by-step instructions on everything from basic boat handling to expert on-the-course tactics and maneuvers. The book is profusely illustrated by the noted sailing artist Ted Brennan, and each drawing is accompanied by a cogent, in-depth explanatory caption.

Mainsail Trimming

File Type PDF Sail And Rig The Tuning Guide

A handbook on sailing classic boats by the 'guru of gaff-rig sailors', replete with illustrations and clear descriptions of techniques that are unique to the classic boat world.

Des Townson

To be a consistent race winner you need a fast boat, but often the only difference between a slow boat and a fast one is the way the mast and sails are adjusted. In this book Lawrie Smith shows you how to get it right. He starts off with a step-by-step guide to setting up fractional and masthead rigs - checking the fittings, putting the mast in the right place and assembling the standing rigging. Then its time to go sailing, and get down to some serious tuning. The author looks at the rig controls, and shows how to adjust them for the condition of the moment. With the rig set up, he turns his attention to the sails, and explains how to trim them for maximum efficiency on every point of sailing. He shows you the sail shape to aim at, why it works, and hw to achieve it. In short, how to make your boat the fastest on the water.

Rya Rigging Handbook

Today, yachts are often equipped with electrical windlasses, autopilot, bow

thrusters, etc. This equipment has also become much more reliable, making it possible to make long offshore passages without much knowledge of seamanship. However, as the coastguards in many countries can confirm, more and more yachts require assistance, even when they should be able to reach harbor on their own. In this book you will be shown the traditional techniques you should be familiar with - regarding rope handling, maneuvering and anchoring - in order to make long or short passages safely. Each element is clearly explained alongside detailed illustrations, combining to make a straightforward and easy-to-follow guide. Although yacht gear is becoming more and more reliable, you can be almost sure that, sooner or later, it will fail or you will be out of electrical power to use it. Learning the traditional techniques may not only be necessary but is also both interesting and fun. Instead of waking up the entire harbor in the early hours with the noise of your bow thruster, you may, alternatively, use a spring line to get safely moored to or leave the pontoon quietly.

Sail and Rig

The essential information you need--onboard and at your fingertips On the water, when questions arise, there's no time to search through an exhaustive manual. The Captain's Quick Guides provide all the answers--fast. Based on the world's largest boating library, this laminated Quick Guide presents 14 color panels of authoritative, concise information on sail trim and rig tuning, designed for onboard

quick reference.

Illustrated Seamanship - Ropes and Ropework, Boat Handling, Anchoring

An anthology of authoritative articles from SAIL magazine--one of the world's major sailing magazines.

Sailpower

An indispensable guide to sail maintenance and repair, written by master sailmaker Dan Neri. This book will save you thousands of dollars, and will significantly increase the lives of your sails.

Rigging

The digital edition of the RYA Sail Trim Handbook for Cruisers is crammed with useful tips and pointers on one of the fundamentals of good seamanship: sail trim. The book focuses more on the needs of the cruising sailor as opposed to the out-and-out racer. After all, a well-trimmed cruising yacht will be better balanced, easier to handle, and will sail more comfortably. Sail trim can be bewildering to the

novice but the RYA Sail Trim Handbook talks you through the subject in an informative yet entertaining manner. This eBook is further enhanced by a range of clear, well thought-out illustrations. Chapters include: How Sails Work Jibs & Genoa's Spinnakers Reefing Sailing Upwind Heavy Weather Sailing Trade Wind Sailing Ultimately this book will have you itching to get back afloat and tinkering with the trim of your sails.

Sail Power

Principles of Yacht Design has established itself as the standard book on the subject for practising designers, naval architecture students, discerning boat owners as well as the boatbuilding industry as a whole. The fourth edition is completely revised and expanded and follows the design from scratch of a completely new yacht including all new computer-generated explanatory illustrations. As such, it examines every aspect of the process of yacht and powerboat design. The authors have used a newly designed 41 foot performance cruiser to demonstrate the practical application of yacht design theory. Beginning with the yacht's specifications, the authors examine the vital topics of aero and hydrodynamics and conclude with practical matters such as the layout of the cockpit, deck and cabin, and provide a complete weight calculation for the boat. 'This book is deeply fascinating . . . a must.' Classic Boat 'The standard book on the subject for practising designers, naval architecture students, discerning boat

owners and the boatbuilding industry as a whole.' Yachting Life (May 2007) 'A definitive work on yacht design.' Cruising

Sail and Rig Tuning

A guide for racing covers the principles of sail trim, crew movement techniques, maneuvers, and control systems, and gives advice on adjusting to special conditions.

Sail, Race and Win

This book is here to help with the demanding and crucial role of mainsheet trimming. Uncover the secrets of sailing fast while remaining in control.

The Complete Guide to Sail Care and Repair

Guide for both cruisers and racers that takes a look at the latest materials and rigging methods and simplifies the purchase and upkeep of a proper sail inventory.

Tuning the Rig

A Manual of Sail Trim

Everything you need to know about trimming the foresail: from lift, drag and sail shape to wind changes and sea state, with lots more in between.

The Complete Rigger's Apprentice: Tools and Techniques for Modern and Traditional Rigging

Explains the art of good sail trim with the aid of superb colour diagrams and photographs.

Tuning to Win

The art, science, history, and mystery of sails and sailmaking. Written in concise, layperson's language and full of photographs and personal anecdotes, this book goes step-by-step through the process of creating and using sails. Provided is a definitive look at the latest developments in sails, sailcloth, engineering, hardware, and sail trim. Also offered are case studies that illustrate which fibers, fabrics, and sails are suitable for a variety of different sailing applications, from simple dinghies and day sailers to offshore racing and cruising yachts. Sailors of all levels of interest and ability will find information they can apply to their own boats and sail

choices.

Illustrated Navigation

Fantastic computer graphics systematically explain how to tune-your-yacht, keelboat or dinghy. This beautifully illustrated and well-organised book shows the reader step by step, how to trim their sails and rig for maximum performance. Ivar Dedekam's revolutionary approach to sail and rig tuning tackles the practical and realistic elements of tuning your boat as well as the theory of sail aerodynamics. The book covers the many variations in boat, sail and rig design.

Maximum Sail Power

Practical Junk Rig

Some people like to sail. Some people like to sail fast. This is a book about sailing faster. During the past few decades there has been a revolution in the way some boat designers and sailors have thought about, designed, built and sailed their boats. This book is about the new ideas which have led to these greater speeds and the faster sailing techniques which have been developed to achieve them.

High Performance Sailing has become the standard reference work on high speed racing techniques - the bible for racing sailors, from dinghies right through to America's Cup boats. Ground-breaking in its thinking on boat speed, strategy and tactics, and timeless in its application. Now in its second edition, High Performance Sailing has been brought right up to date with new information, the discoveries from new boat testing and new developments.

The North U. Fast Course

Seamanship is the art of managing a boat. This book is a follow-up to the successful Sail & Rig Tuning and Illustrated Navigation covering knots, docking the boat and anchoring, all illustrated in Ivar Dedekam's distinctive style and backed up with clear and simple text. These skills are imperative to keep a boat safe and make cruising as enjoyable as possible. Follows on from the success of the author's previous work, Sail & Rig Tuning (sold approx. 27,000 copies) Covers cruising boats worldwide Covers all the key topics for managing a boat and safety on board (e.g. ropework, mooring, manoeuvring in harbour, anchoring) Highly illustrated

Hand, Reef and Steer

Understanding Rigs and Rigging by Richard "Jud" Henderson provides you with a

detailed look at a subject that is too important to gloss over. Beginning with a review of the history of sailboat rigs, Henderson moves quickly to modern fore-and-aft rigs, taking time for a sampling of the more exotic rig configurations that may be seen sailing today, such as the luna, modern Chinese lug rigs, cat ketches, and wing sails. There is a thorough look at masts and other spars, with a very complete discussion of wood, aluminum, carbon-fiber, and other materials as they are used in spar construction. You will find out how best to utilize your rig in a manner compatible with your sailing interests. There are chapters on standing and running rigging, with a detailed look at their components; discussions of rigging constructions such as wire and rod, and the most effective terminal fittings for each; and information on turnbuckles, chainplates, tangs, and backstay adjusters. Henderson gives you a comparison of halyards (should yours be all rope, or wire and rope?); a look at winches, cleats, blocks, and levers; and a most helpful section on deck layout. You will also read about sail trim and basic aerodynamics, and learn how to set up and tune your rig to optimize rake, shroud tension, lateral bend, mast flexing, and stay tension. The final chapter looks at improvements, modifications, and offshore rig considerations, including such elements as changing mast length and converting a sloop to a yawl or cutter, or vice versa. Throughout the book, Jud Henderson draws on his experience to focus on safety issues. For the newcomer and the experienced sailor alike, there is no excuse for putting a poorly selected rig in any boat that may venture offshore. Understanding Rigs and Rigging will provide you with the information you need to rig your boat

properly. "This is an exceptionally detailed look at everything above the deck on a sailboat. Henderson is an experienced author and sailor, and he has organized a tremendous amount of information in one volume."--Yachting"Details specific enough to guide sailboat owners in assessments of their own rigs are the strength of this survey. After reading this book's recommendations on points as various as how to keep a mast heel dry and how to check for correct bend in shroud tangs, many readers will make some changes."--Soundings

Tuning Yachts and Small Keelboats

Des Townson was a yacht designer and boatbuilder who possessed an analytical mind, an innate feel for sailing boats and a wonderful eye for their visual balance. During a five decade long design career he produced some of the most eye-catching, easily handled and well performing maritime craft to ever grace New Zealand waters. The fact he was self-taught and worked almost his entire career alone only intensifies the achievements of this remarkable man. His own recollections and those of his family, close friends and associates combined with photos, boat plans and press reports, ensure a detailed record of his impact on the New Zealand sailing scene is preserved. Des Townson's legacy continues to this day through the thousands of yachts still bearing his name.

The New Book of Sail Trim

Jib trimming is often referred to as a black art. As you recoil in horror at the prospect of trying to achieve the unachievable, rest assured that with the information contained within this book, you will soon be trimming with confidence and ability. The guide is full of annotated photographs and diagrams that show you exactly what you're trying to achieve. We have also explained the main 'secrets' that help others stand out from the crowd. Once this guide is in your head, you will be trimming like a pro. You're part of a team! The jib trimmer is part of a team. Whether you're sailing on a two man dinghy or part of a team of thirty on an ocean racing yacht, there are many other responsibilities on the boat. While you are preoccupied with the jib, the helmsman is concentrating on steering the boat, the main sail trimmer is focused on the main sail, and the tactician is deciding where to go and warning the team of changing conditions. Others on the boat will be hoisting and dropping sails, handling spinnaker poles, moving their weight around and doing whatever they can to help. A key to doing well as a jib trimmer is to understand how you relate to the other core members of the team. This book highlights when and how you can expect others to act. In a new and ground-breaking format this guide: * Demystifies the art of jib trimming * Avoids use of confusing nautical terminology * Illustrates concepts with diagrams and photographs * Includes everything you need to know Photographs and diagrams are used to explain and illustrate every basic jib trim concept including: * Lift and

drag * Sail shape: depth, groove, foot shape, twist * Telltale reading * Sailing using gears * Tacking * Footing * Wind changes including shifts * Sea state * Offwind trim * Setting up the jib and genoa track, spreader markings and jib halyard

Sailing Smart

There are many things to get right in a race-boat preparation, the racing rules, meteorology, tactics, travel logistics and so on. All this makes it easy to forget that winning comes from within and that the most elaborate preparations will fail unless your attitude is right.

Sail Trim and Rig Tuning

This encyclopaedic volume synthesises 25 years of research and development of this unique rig as adapted to western craft. It is a work which has been welcomed by the growing number of yachtsmen and designers throughout the world who already enjoy the benefits of junk rig or who wish to do so. Now in paperback for the first time, Practical Junk Rig examines the design and aerodynamic theory behind junk rigs and discusses how best to sail them. It outlines the rig in detail, the principles that underlie it, considers possible alternative shapes and arrangements and analyses performance, all assisted by a wealth of detailed line

illustrations. 'There is no better or more comprehensive work on the subject available it should be considered THE handbook on junk rigs for anyone interested in the subject' Sailing 'I cannot recommend this book too highly' Classic Boat

Principles of Yacht Design

The wind powers everything a sailor does and Wind Strategy has been helping sailors understand it since 1986, now fully updated for modern forecasting.

JIB Trimming - Get the Best Performance and Acceleration Whether Racing Or Cruising2

Peter Nielsen is editor of SAIL magazine.

The Complete Sailing Manual, 4th Edition

An essential reference book for sailing enthusiasts, now in its fourth edition with a foreword by quadruple Olympic gold medalist Ben Ainslie. Learn the basics of sailing, master navigation, and maintain your boat with The Complete Sailing Manual, written by instructor and former British national champion Steve Sleight. This authoritative text has clear, annotated diagrams and photographs that answer

questions about any sailing situation with thorough coverage of all aspects of sailing and boat ownership. Look up how to rig a dinghy, tie basic knots, or save someone who fell overboard. Revised and updated to include the latest developments in equipment, safety, and activities, including foiling, long-distance cruising, and high-speed, apparent wind-sailing, and newest technology such as modern performance systems and electronic navigation. All rules, regulations, and best practices are also up to date. From the novice to the experienced sailor, The Complete Sailing Manual is the perfect book for anyone interested in sailing.

RYA Sail Trim Handbook (E-G99)

The complete guide on how to trim sails and tune rigging for all conditions to make the boat sail faster and safer. A well-trimmed sailing boat is not only faster - it heels less, balances better and is more comfortable. Wear and load is reduced and expensive gear lasts longer. The risk of damage or rig failure is significantly lower when you know how to take care of your rig and sails. This book provides a clear understanding of the dynamics of rig and sail and how to get them working together in harmony with the elements. With hundreds of color photographs and illustrations throughout, the text is concise and precise, divided into sections to make it easy to find exactly what you need. Research was carried out with professional riggers, sailmakers and international elite sailors as consultants resulting in a book that should be part of every sailor's basic kit. This book appeals

to every level of sailor - those with limited experience will find much to learn and the experienced sailor can develop competence and knowledge as the different aspects of trim are treated in depth.

Wind Strategy

In 2006, Dee Caffari became the first woman to sail solo round the world against the prevailing winds and currents. Her story is an adventure in the true sense of the word. It is about physical hardship in terrible conditions, overcoming solitude, sleep deprivation, the worry of crucial equipment failing, 34 days of gales, 12 metre waves, cyclones and a lightning strike. It is also about a woman who stepped outside her safe zone, gave up a good job and financial security, all because she wanted to sail. She dared to dream, and her courage resulted in a place in the history books alongside a handful of men. More people have walked on the moon than have successfully completed a westabout circumnavigation, and in this inspirational book Dee shares the story of her journey from beginner to record breaker. 'I feel I have been preparing for this my whole life. This is my dream. To be the first woman to sail the globe single-handed, westabout. It's twice as long and twice as hard. We can do more than we think we can. We just have to dare to dream.' Dee Caffari 'Dee has inspired the imagination of a worldwide audience. She has joined only four men who have achieved this feat. Other women may follow, but she will always remain the first.' Sir Chay Blyth

The Physics of Sailing Explained

Bryon D Anderson is a writer and scientist with a special interest in sail.

High Performance Sailing

This book unravels the mystery of boat tuning: it clearly explains what each control does and how to set it up for different conditions.

Sailing Rigs and Spars

The Best of Sail Trim

Everything you wanted to know about the mysterious art of rigging but were afraid to ask. Rigging covers every aspect of standing and running rigging on a boat, explaining the role of every part and how they influence each other. Easy step-by-step guides explain how to choose and fit your equipment before going on to describe how to tune your rig to achieve better performance. Alternate configurations are examined and the bewildering array of lines simply explained. Where calculations are used they are kept easy and straightforward to understand.

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Jib Trimming

An apprentice seaman recounts his journey in search of humpback whales in the waters near Newfoundland, Labrador, and Greenland, describing how he learned to master a small vessel and handle the dynamics between captain and crew

The Art and Science of Sails

A beautifully, uniquely illustrated nautical guide to traditional, electronic & celestial navigation.

Against the Flow

Editor Ken Textor is a writer and sailing enthusiast.

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