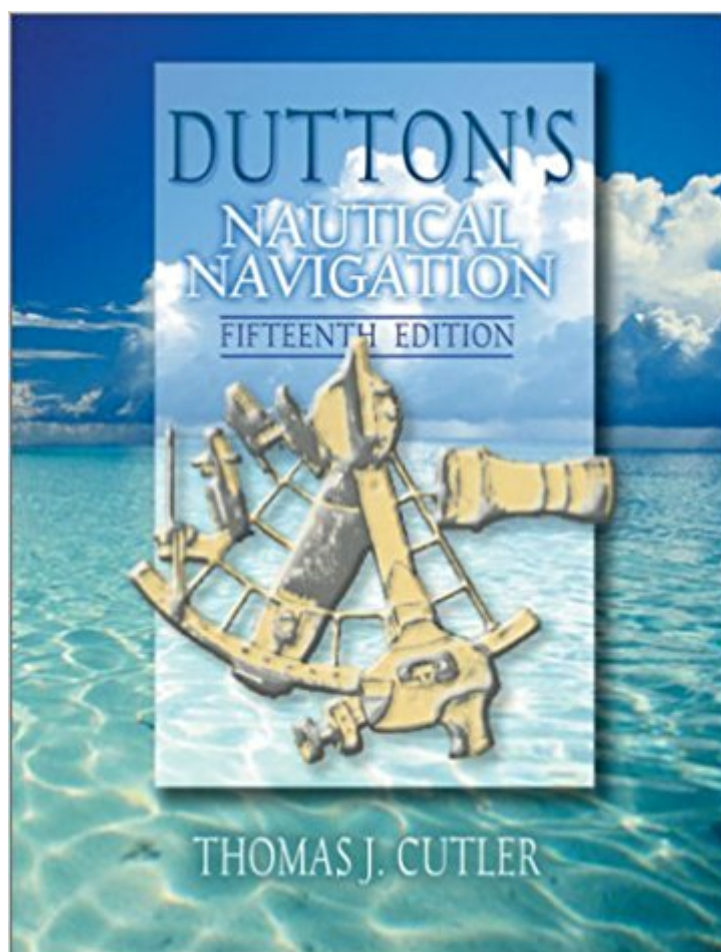


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Dutton's Nautical Navigation, 15th Edition



Synopsis

As paper navigational charts are replaced by vector images on computer screens, magnetic compasses enhanced by digital flux gate technology, and chronometers joined by atomic clocks, the demand has been mounting for an extensive update to the classic reference known worldwide as Dutton's. To meet the varied needs of today's recreational, naval, and commercial navigators the Naval Institute introduces this new edition of a guide that has remained the seafarers' choice for more than three-quarters of a century. It blends the traditional navigation techniques first compiled by Benjamin Dutton in 1926 with technological marvels of the twenty-first century to authoritatively cover all phases of surface navigation. For example, while the book acknowledges that many navigators still peer into the skies through sextant telescopes, it also helps them take full advantage of man-made Global Positioning System (GPS) satellites. Valued as both an indispensable quick reference and a comprehensive text, Dutton's makes accessible such foreboding subjects as spherical trigonometry through the use of step-by-step explanations and examples that encourage practical use. To insure accuracy and relevancy, a board of experts made up of naval and Coast Guard officers, merchant mariners, accredited harbor pilots, and sea-service academy professors, has carefully reviewed this fifteenth edition. The result is an unparalleled treatment of the art and science of nautical navigation that both amateur and veteran navigators will use to safely navigate the waters of the world.

Book Information

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Customer Reviews

"...an invaluable reference...that will save the day when the batteries in the GPS run dry." -- Armada

International, January 2004"For those who want in-depth understanding of navigation techniques--both high-tech and low-tech." -- Soundings, November 2004

Thomas J. Cutler is a retired lieutenant commander and former gunner's mate second class who served in patrol craft, cruisers, destroyers, and aircraft carriers. His varied assignments included an in-country Vietnam tour, small craft command, and nine years at the U.S. Naval Academy, where he served as Executive Assistant to the Chairman of the Seamanship & Navigation Department and Associate Chairman of the History Department. While at the Academy, he was awarded the William P. Clements Award for Excellence in Education (military teacher of the year). He is the founder and former Director of the Walbrook Maritime Academy in Baltimore. Currently he is Fleet Professor of Strategy and Policy with the Naval War College and is the Director of Professional Publishing at the U.S. Naval Institute. Winner of the Alfred Thayer Mahan Award for Naval Literature, the U.S. Naval Institute Press Author of the Year, and the U.S. Maritime Literature Award, his published works include *NavCivGuide: A Handbook for Civilians in the U.S. Navy*; *A Sailor's History of the U.S. Navy* [one of the books in the Chief of Naval Operations Reading Program]; *The Battle of Leyte Gulf*; *Brown Water, Black Berets: Coastal & Riverine Warfare in Vietnam*; and the 22nd, 23rd (Centennial), and 24th editions of *The Bluejacket's Manual*. His other works include revisions of Jack Sweetman's *The Illustrated History of the U.S. Naval Academy* and Dutton's *Nautical Navigation*. He and his wife, Deborah W. Cutler, are the co-editors of the *Dictionary of Naval Terms* and the *Dictionary of Naval Abbreviations*. His books have been published in various forms, including paperback and audio, and have appeared as main and alternate selections of the History Book Club, Military Book Club, and Book of the Month Club. He has served as a panelist, commentator, and keynote speaker on military and writing topics at many events and for various organizations, including the Naval History and Heritage Command, Smithsonian Institution, the Navy Memorial, U.S. Naval Academy, MacArthur Memorial Foundation, Johns Hopkins University, U.S. Naval Institute, Armed Forces Electronics Communications and Electronics Association, Naval War College, Civitan, and many veterans' organizations. His television appearances include the History Channel's Biography series, A&E's *Our Century*, Fox News Channel's *The O'Reilly Factor*, and CBS's *48 Hours*.

I purchased this to learn celestial navigation, along with a second-hand copy of the thirteenth edition (edited by Elbert Maloney). While the material appears largely similar, I have found several errors in the 15th edition that are not in the earlier edition, and was unable to find online any form of errata, or

notification of corrections in later printings. For example: Fig. 2513, illustrating the use of "Double second difference and correction", the example called out , which should be printed with a trailing dot (as described in the text) does not, in fact, have the dot, which is quite confusing for someone looking. The corresponding figure (#2404e) in the 13th edition clearly has the dot. Another example: Section 2103 has an example for calculating the SHA of Venus. This example is wrong. Again contrast with the corresponding example (#2004) in the 13th edition, which is different (and correct). Rather disappointing that the new edition, rather than correcting previous errors, introduces rather blatant new ones.

Dutton's Nautical Navigation, 15th Edition ...Received in a timely fashion and was as described, just like new. Helped to review navigation terms used before GPS was finalized. Broke out my sextant and tried a few observations. Like riding a bicycle.. you may be rusty but it comes back quickly. Excellent book.

Alright I've been studying and writing notes on this book for a while. From a testing standpoint it's not so good. There is so much in it you will NOT be tested on or need to know for your captains-unlimited mate etc. It does well to explain things and understand them more especially when you take the tests most of the time you're just memorizing a question and answer but have no idea what's going on. Bad for actually taking the test Good for having a deeper understanding of subjects on or related to testing.

I purchased this book for a maritime class I'm taking; Coastal Piloting. This is a really great book for anyone looking to start with the basics of learning maritime and seamanship. I'm pretty sure I'll keep this book for a long, long time... probably until I pass it down to someone else.

This book has been very helpful in developing my understanding of navigation.

Bought used and received a book that looked brand new. A must have for the professional mariner and excellent info for anyone interested in maritime navigation. Great study aid for MMC test prep as well.

This book is 100% on the button; soul lives up to its stellar reputation. I heartily recommend it for all navigators.

Honestly, a great book for any navigator. Great for learning the basics as well as refreshing on the principles. I would definitely say, this book better be in your library somewhere if you plan to sail. Additionally, the seller was good, no problems with the transaction and the shipping was just fine as well, timely one might say.

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