

Sun Sight Navigation

Dominique F. Prinet

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Sun Sight Navigation Arthur A. Birney, 1984 Celestial Navigation Dominique F. Prinet, 2014-07-18 This manual has grown out of all the courses given by Dominique Prinet a certified Instructor Evaluator for Sail Canada who has been teaching celestial navigation since 2000 It has benefitted from the thoughtful contributions of over 100 students The aim of Celestial Navigation is to give a sufficient grounding in the subject to determine position at sea using a sextant for fixes on the sun moon stars and planets Furthermore the material presented will prepare a reader who wishes to pursue a Celestial Navigation Certificate through self study The subject requires some comfort with the basic concepts of navigation but the prospective navigator only needs to know how to add and subtract either times or angles Lucid and well paced Celestial Navigation starts with fundamentals and definitions which ensure that a motivated student need not bring anything more to the table than his or her willingness to master the subject Richly illustrated it includes a chapter with more than forty pages of review exercises covering all topics T he cleverness of many of the concepts explained here will bring about great intellectual joy and satisfaction Whether you are a recreational sailor or an individual pursuing professional certification as a navigator Celestial Navigation will teach you what you need to know Celestial Navigation Tom Cunliffe, 1989 Celestial navigation is one of the sailor s oldest arts and one of the most awe inspiring To many sailors it represents the pinnacle of their ambition In these pages respected nautical Writer Tom Cunliffe plains how to master the art in easy stages Beginning with a sound foundation of basic concepts and definitions he moves on to the sextant and how to use it From there it s on to figuring latitude with a noon sight and plotting position by observing the sun planets moon and stars The skills applicable anywhere in the world are illustrated with step by step photo sequences Celestial Navigation in the GPS Age John Karl, 2007 Many books on celestial navigation take shortcuts in explaining concepts incorrect diagrams and discussion are often used for the sake of moving the student along quickly This book tells the true story and the whole story It conveys celestial navigation concepts clearly and in the shortest possible time It's tailored for navigation in the GPS age a time of computers calculators and web resources Although it covers all of the traditional methods of working a sight the primary thrust is using the under 10 scientific calculator By using equations that you key into your calculator this book guides you toward a better understanding of the concepts of celestial navigation You will learn novel ways to plot lines of position ways to check your sextant accurately by star sights and how to tell what time it is from a moon sight The many appendices are a treasure of references and explanations of abstract ideas Celestial Navigation is a crucial skill for the offshore navigator to know this book provides the shortest path to that knowledge Navigating the Ship Ernest Gallaudet Draper, 1919

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