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BOWDITCH

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1995

DEFENSE MAPPING AGENCY HYDROGRAPHIC/TOPOGRAPHIC CENTER

The American Practical Navigator Bowditch

Nathaniel Bowditch



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The American Practical Navigator Vol 2 Nathaniel Bowditch, National Agency, 2017-12-18 This is the completely NEW EDITION of The American Practical Navigator Vol 2 I am honored to welcome you to the 2017 edition of Publication No 9 The American Practical Navigator or as most mariners refer to it Bowditch As a young Surface Warfare Officer serving in my first ship I quickly learned Bowditch should be my first resource for all things related to navigation oceanography and meteorology I never imagined that 25 years later I would be privileged to lead the team entrusted with updating this incredible document One can hardly imagine the time effort and pressure involved in undertaking such a task this is Bowditch after all None of us alone can equal the talent experience and skill of Nathaniel Bowditch as expressed in his first edition of 1802 As a result this edition is the outcome of countless hours of hard work by many dedicated passionate and skilled colleagues from a variety of disciplines And it was this team of scientific and operational navigation experts led by Dr Jerry Clifford which has created this contemporary edition that stands ready to address the challenges faced by today s navigators and mariners Please take the time to read the long list of contributors to this edition I know you will be impressed by the depth and quality of our team Since the last edition there have been huge advancements in positioning methodologies and navigation systems In some cases what was old is new again so we focused considerable effort into improving the celestial navigation and piloting chapters Hand plotting latent fixes on paper charts has been overtaken by Electronic Chart Display and Information Systems that continuously tell you where you are provide warnings when standing into danger and display radar and Automatic Identification System information to heighten situational awareness Older graphics have been replaced by newer higher resolution images to better illustrate the purpose of the text Needless to say we are justifiably proud of this 2017 edition and equally honored to continue such a noteworthy legacy of the navigational expertise first introduced by Nathaniel Bowditch 215 years ago Wherever you may sail I trust this fine resource will assure your safe passage I wish you all fair winds and following seas CAPT Brian D Connon CAPTAIN U S NAVY

EXPLANATION OF NAVIGATION TABLES Mathematical Tables Table 1 Logarithms of Numbers TABLE 2 NATURAL TRIGONOMETRIC FUNCTIONS TABLE 3 COMMON LOGARITHMS TABLE 4 TRAVERSE TABLES CARTOGRAPHIC TABLES TABLE 5 NUMERICAL CHART SCALES TABLE 6 MERIDIONAL PARTS TABLE 7 LENGTH OF A DEGREE OF LATITUDE AND LONGITUDE PILOTING TABLES TABLE 8 METERS FEET AND FATHOMS TABLE 9 C NAUTICAL AND STATUTE MILES TABLE 10 SPEED TABLE FOR MEASURED MILE TABLE 11 SPEED TIME AND DISTANCE TABLE 12 DISTANCE OF THE HORIZON TABLE 13 GEOGRAPHIC RANGE TABLE 14 DIP OF THE SEA TABLE 15 DISTANCE BY VERTICAL ANGLE OBJECT BEYOND SEA HORIZON TABLE 16 WATERLINE AT OBJECT AND TOP OF OBJECT TABLE 17 DISTANCE BY VERTICAL ANGLE TABLE 18 DISTANCE OF AN OBJECT CELESTIAL NAVIGATION TABLES TABLE 19 TABLE OF OFFSETS TABLE 20 MERIDIAN ANGLE AND ALTITUDE TABLE 21 LATITUDE AND LONGITUDE FACTORS TABLE 22 AMPLITUDES

TABLE 23 CORRECTION OF AMPLITUDE TABLE 24 ALTITUDE FACTORS TABLE 25 CHANGE OF ALTITUDE IN TABLE 26
 TIME ZONES TABLE 27 CORRECTION FOR AIR TEMPERATURE TABLE 28 ALTITUDE CORRECTION METEOROLOGICAL
 TABLES TABLE 29 THERMOMETER SCALES TABLE 30 DIRECTION AND SPEED OF TRUE WIND IN UNITS OF SHIP S
 SPEED TABLE 31 CORRECTION OF BAROMETER READING FOR HEIGHT TABLE 32 CORRECTION OF BAROMETER
 TABLE 33 CORRECTION OF BAROMETER READING TABLE 34 CONVERSION TABLE TABLE 35 RELATIVE HUMIDITY
 TABLE 36 DEW POINT CHAPTER 1 MATHEMATICS CHAPTER 2 INTERPOLATION CHAPTER 3 NAVIGATIONAL ERRORS
 CHAPTER 4 CALCULATIONS AND CONVERSIONS CHAPTER 5 COMPASS CONVERSIONS CHAPTER 6 COMPASS ERROR

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Table of Contents The American Practical Navigator Bowditch

1. Understanding the eBook The American Practical Navigator Bowditch
 - The Rise of Digital Reading The American Practical Navigator Bowditch
 - Advantages of eBooks Over Traditional Books
2. Identifying The American Practical Navigator Bowditch
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an The American Practical Navigator Bowditch
 - User-Friendly Interface
4. Exploring eBook Recommendations from The American Practical Navigator Bowditch
 - Personalized Recommendations
 - The American Practical Navigator Bowditch User Reviews and Ratings
 - The American Practical Navigator Bowditch and Bestseller Lists
5. Accessing The American Practical Navigator Bowditch Free and Paid eBooks
 - The American Practical Navigator Bowditch Public Domain eBooks
 - The American Practical Navigator Bowditch eBook Subscription Services
 - The American Practical Navigator Bowditch Budget-Friendly Options
6. Navigating The American Practical Navigator Bowditch eBook Formats

- ePub, PDF, MOBI, and More
- The American Practical Navigator Bowditch Compatibility with Devices
- The American Practical Navigator Bowditch Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of The American Practical Navigator Bowditch
 - Highlighting and Note-Taking The American Practical Navigator Bowditch
 - Interactive Elements The American Practical Navigator Bowditch
- 8. Staying Engaged with The American Practical Navigator Bowditch
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers The American Practical Navigator Bowditch
- 9. Balancing eBooks and Physical Books The American Practical Navigator Bowditch
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection The American Practical Navigator Bowditch
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine The American Practical Navigator Bowditch
 - Setting Reading Goals The American Practical Navigator Bowditch
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of The American Practical Navigator Bowditch
 - Fact-Checking eBook Content of The American Practical Navigator Bowditch
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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