The Road Ahead: Kevin Monahan 2003-01-01 Author Kevin Monahan, an experienced captain and Canadian Coast Guard officer, presents the complete picture on how to maximize the use of a marine radar system for collision avoidance and navigation. By using practical examples, extensively illustrated with screen captures, the newcomer to radar as well as the experienced mariner will learn how to run a radar system, interpret the display under real-life conditions, and take advantage of all of the built-in features and functions to use radar effectively as a real-time navigational tool. The 248-page book includes step-by-step examples of an actual trip, showing the radar display with the corresponding chart to show how to interpret the display in a variety of weather conditions. Today's next-generation radar systems, which combine the chart-ploter display, are also covered in this comprehensive explanation of marine radar systems, as well as tips and recommendations for purchasing and installing a new system.

Navigation Rules and Regulations Handbook: U.S. Coast Guard 2011-05-10 For anyone who owns a boat, this is the handbook you need to own. Included are all of the official government rules and regulations that must be followed by anyone out on the water. This book will prepare you for head-on situations, avoiding collisions, using, distress signals, and will inform you of all the up-to-date water regulations. Whether you're in a jam or just relaxing at sea, Navigation Rules will teach and prepare you for anything and everything you may encounter while on your boat.

Seize the High Ground: James A. Walker 2003 "Seize the high ground is a) narrative history of the Army's aerospace experience from the 1950s to the present. The focus is on national missile defense, from the early N I K E-H E R C U L E S missile program through the SAFEGUARD acquisition site allowed by the 1972 ABM Treaty to the more advanced 'Star Wars' concepts studies toward the end of the century. What is covered is not only the technological response to the threat but the organizational and tactical developments of the commands and units responsible for the defense mission."--CWS website.


Reeds Introductions: Essential Sensing and Telecommunications for Marine Engineering Applications: Christopher Lasers 2017-03-09 Reeds Introductions: Essential Sensing and Telecommunications for Maritime Applications covers all fundamental and essential theoretical maritime physics principles which underpin modern marine sensors and telecommunications devices as needed by marines users such as: Navy, Coastguard, Merchant Shipping and users of pleasure craft. For safety at sea, it is vital that marine users have at least a basic understanding of the key concepts upon which many essential modern sea-going sensors and communications devices are based. Knowledge regarding electromagnetic waves and electromagnetic devices is an essential instrument in the navy sea services requirement, particularly for the Standards in Training and Certification in Watchkeeping (STCW'95) qualification in various Merchant Marine Coastguard Agency exams, but it is also an practical matter for the amateur. This vital introductory book is written as simply as possible to educate an increasing number of marine users who wish to become familiar and competent with the latest technologies such as a growing number of overseas students for whom English is not their first language. This volume provides a comprehensive study of maritime sensors and telecommunication principles and provides a firm foundation prior to reading and studying textbooks in the Reeds Marine Engineering series. Students having read this easy-to-read volume will be better prepared for the more in-depth study of that series.

Total Loss: Paul Golder 2013-06-28 An enthralling collection of 45 dramatic stories of yachts lost at sea, Total Loss has been a consistent bestseller since first publication. This fascinating new edition carries exciting first-hand accounts, including the tragic sinking of the yacht Ouzo, run down or swamped by a P&O ferry in the English Channel, the loss of Rodigas V, the sinking of two boats in the Atlantic after radar failure, and the rescue of Pete Goss and his crew from the giant catamaran Team Philip Harris. Here are tales of collisions with UFO's (unidentified floating objects), fire, explosion, exhaustion and crew failure, navigational blunders, capsizes, gear failure, dismantlings and severe storms. The moving, emotionally charged descriptions of shipwrecked sailors abandoning their yachts at sea will have you on the edge of your seat. But these accounts are more than just gripping tales of disaster - they carry valuable lessons which the survivors have been able to pass on to all who go to sea for pleasure. Every yacht, hundreds of yachts are lost at sea. For those who wish to avoid a similar fate, or learn how best to cope with emergencies, this book is a compelling, thought provoking handbook read.

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The Motor Ship 1994

Scientific and Technical Aerospace Reports: 1976 Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database.

Survey of Navigational Aids and Equipment:International Maritime Organization 2004

GMDSS Manual:International Maritime Organization 2007: The entry into force and implementation of the global maritime distress and safety system (GMDSS) between 1992 and 1995 was the most far-reaching development in maritime emergency assistance since the invention of the radio. The GMDSS Manual presents the principles on which the GMDSS is based, the requirements for its implementation, the standards to be met by GMDSS equipment, and the method of operation of the various radio services which make up the GMDSS. The annexes give comprehensive information on all aspects of the GMDSS, including primary texts such as relevant texts of the 1974 SOLAS Convention relevant to the GMDSS, relevant IMO Assembly resolutions, MSC and COM circulars, articles of the Radio Regulations, resolutions of WARC and WARC-83 conference, IMO performance standards and related ITU-R recommendations, and the Master Plan for the GMDSS. --Publisher's description.

Air and Spaceborne Radar Systems:Philippos Lacomme 2001 The book focuses on the history, main principles, functions, modes, properties and specific nature of modern airborne radar. It provides a practical tool that will be of major help to engineers and technicians working in industry and in radar research and development.

Principles of Modern Radar:Mark A. Richards 2010 Dr. John Milan, radar consultant; formerly 36 years with ITT Gillman, IEEE AESS Radar Systems Panel --

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Maritime Technology and Engineering:Carlos Guedes Soares 2014-09-30 Maritime Technology and Engineering includes the papers presented at the 2nd International Conference on Maritime Technology and Engineering (MARITECH 2014, Lisbon, Portugal, 15-17 October 2014). The contributions reflect the internationalization of the maritime sector, and cover a wide range of topics: Ports; Maritime transportation; Island navigation

Electronic Navigation Systems:Laure Telfey 2007-04-07 Maritime navigation has rapidly developed since the publication of the last edition of the title with new global positioning systems. This new edition will provide a sound basis for the understanding of modern navigation systems and brings the student or professional up-to-date with the latest developments in technology and the growing standardization of maritime navigation techniques. Developed with close scrutiny from the US Merchant Marine Academy and the major maritime navigation centres in the UK, out-dated techniques have been replaced by an expanded section on the new standard Navstar GPS systems and the Integrated NAV. In addition, a new chapter on the application of electronic charts will also be included, as well as problems at the end of each chapter with worked solutions.

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