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The Marine Engineering Series Marine and Offshore Pumping and Piping Systems Marine Auxiliary Machinery Shipbuilding & Marine Engineering International Marine Engineering News International Marine Engineering Mechanical and Marine Engineering Science Marine Engineering/log Marine Engineering A Short History of Naval and Marine Engineering Marine Engineer and Motorship Builder Real-resumes for Engineering Jobs Adhesives in Marine Engineering A Short History of Naval and Marine Engineering MARINE 2011, IV International Conference on Computational Methods in Marine Engineering An Introduction to Ice Engineering Naval architecture and marine engineering Marine Engineering & Shipping Age The American Marine Engineer Ship Construction The Maritime Engineering Reference Book An Introduction to Fundamentals of Ice Engineering Subject Index of the Modern Works Added to the Library of the British Museum in the Years 1906-1910 Strength of Ships and Ocean Structures The English Catalogue of Books The Girl Who Rode Dolphins University Curricula in the Marine Sciences and Related Fields Modern Steam Practice and Engineering Reeds Vol 13: Ship Stability, Powering and Resistance Seaton & Rounthwaite's pocket book of marine engineering rules and tables for the use of marine engineers, naval architects, designers, superintendents, and all engaged in the design and construction of marine machinery, naval and mercantile ship engines for maritime engineering schools The Marine Engineer and Naval Architect Classified Guide to Technical and Commercial Books Offshore Pioneers: Brown & Root and the History of Offshore Oil and Gas Mechanical Handling and Works Equipment An Introduction to Hydraulics of Fine Sediment Transport: Second Edition Marine and Coastal Geographical Information Systems The Marine Steam Engine The Marine Engineer The United States Catalog

Editor Anne McKinneyReviews and ExcerptsCivil engineers, mechanical engineers, structural engineers, marine engineers, chemical engineers, systems engineers, and engineering support personnel have a lot in common when they want to create a resume, and this book shows resumes and cover letters of individuals who want to work in the field. For those who seek federal employment, there's a special section showing how to create federal resumes and government applications. Since many technical types aren't writers, this comes as a special gift: select a winning format, plug in your background specs, and away you go. It's that easy--with REAL RESUMES in hand. - The Midwest Book Review1-885288-42-5 Fifty years ago, in November 1947, Brown & Root helped Kerr-McGee build the first out-of-sight-land offshore platform that produced oil. The date is widely celebrated as the birth of the modern offshore industry. In the years since this historic occasion, Brown & Root has continued to pioneer in the design and construction of offshore pipelines and platforms. Along with the rest of the offshore industry, the company has helped develop technology capable of finding and producing oil in deepwater and in harsh environments around the world. This history puts a human face on the process of technological change. Using the words of many of those who took part in Brown & Root's offshore activities, this book recounts their efforts to find practical ways to recover offshore oil. Building on lessons learned in the Gulf of Mexico before and after World War II, the company's personnel adapted offshore technologies to conditions encountered in Venezuela, the Middle East, Alaska, and other regions before becoming one of the first engineering and construction companies to confront the challenge of North Sea development in the 1960's. Through times of boom and bust in the oil industry, the search for effective technology had continued. The process has not always been smooth, but the results have been impressive. As we enter a new and exciting era in offshore technology, the history of the first fifty years of the industry provides a useful context for understanding current and future events. As a method of joining with economic, performance-related and environmental advantages over traditional welding in some applications, adhesive bonding of joints in the marine environment is increasingly gaining popularity. Adhesives in marine engineering provides an invaluable overview of the design and use of adhesively-bonded joints in this challenging environment. After an introduction to the use of adhesives in marine and offshore engineering, part one focuses on adhesive solution design and analysis. The process of selecting adhesives for marine environments is explored, followed by chapters discussing the specific design of adhesively-bonded joints for ship applications and wind turbines. Predicting the failure of bonded structural joints in marine engineering is also considered. Part two reviews testing the mechanical, thermal and chemical properties of adhesives for marine environments together with the moisture resistance and durability of adhesives for marine environments. With its distinguished editor and international team of expert contributors, Adhesives in marine engineering is an essential guide for all those involved in the design, production and maintenance of bonded structures in the marine environment, as well as proving a key source for academic researchers in the field. Provides an invaluable overview of the design and use of adhesively-bonded joints in marine environments Discusses the use of adhesives in marine and offshore engineering, adhesive solution design and analysis, and the design of adhesively-bonded joints for ship applications and wine turbines, among other topics Reviews testing the mechanical, thermal and chemical properties of adhesives for marine environments, together with the moisture resistance and durability of these adhesives This indispensable guide to ship stability covers essential topics such as flotation and buoyancy, small angle, large angle and longitudinal stability, water density effects, bilging, ship resistance, and advanced hydrostatics. Each chapter has a comprehensive list of aims and objectives at the start of the topic, followed by a checklist at the end of the topic for students to ensure that they have developed all the relevant skills before moving onto the next topic area. The book features over 170 worked examples with fully explained solutions, enabling students to work through the examples to build up their knowledge

and develop the necessary key skills. The worked examples, which range in difficulty from very simple one-step solutions to SQA standard exam questions and above, are predominantly based on a hypothetical ship. The reader is supplied with extracts from a typical data book for the ship which replicates those found on actual ships, enabling the reader to develop and practise real-life skills. This edition has been fully updated in line with the recently changed rules and regulations around ship stability and the updated national exam syllabus. Updates include corrections and clarifications to worked examples, new text on damaged stability and probabilistic stability, extra content on hydrostatic forces and centres of pressure, and extra content on stability information for small craft. Marine and coastal applications of GIS are finally gaining wide acceptance in scientific as well as GIS communities, and cover the fields of deep sea geology, chemistry and biology, and coastal geology, biology, engineering and resource management. Comprising rigorous contributions from a group of leading scholars in marine and coastal GIS, this book will inspire and stimulate continued research in this important new application domain. Launched as a project to mark the UN International Year of the Ocean (1998) and supported by the International Geographical Union's Commission on Coastal Systems, this book covers progress and research in the marine and coastal realms, in the areas of theory, applications and empirical results. It is the first book of its kind to address basic and applied scientific problems in deep sea and coastal science using GIS and remote sensing technologies. It is designed for GIS and remote sensing specialists, but also for those with an interest in oceans, lakes and shores. Coverage ranges from seafloor spreading centres to Exclusive Economic Zones to microscale coastal habitats; and techniques include submersibles, computer modelling, image display, 3-D temporal data visualization, and development and application of new algorithms and spatial data structures. It illustrates the broad usage of GIS, image processing, and computer modelling in deep sea and coastal environments, and also addresses important institutional issues arising out of the use of these technologies. Vols. for 1898-1968 include a directory of publishers. Originally published in 1938, this book was written to provide an account of the historical development of naval and marine engineering. The material which formed the basis of the text was gathered together from a variety of sources during a period of approximately thirty years. Technical papers, presidential addresses, journals, textbooks, biographies, official regulations, personal letters, reminiscences and previously unpublished manuscripts were all drawn upon to illustrate the many aspects of naval and marine engineering. Numerous illustrative figures are included throughout. This book will be of value to anyone with an interest in the history of engineering. Marine Auxiliary Machine: Sixth Edition explains the correct operation and maintenance of marine auxiliary machinery. The book discusses topics such as the arrangements of the engine and boiler room; pipes and fittings and pumps; compressors and separators; and heat exchangers - its types, control of temperature, and maintenance. The book also talks about other machineries such as diesel engines, steam turbines, propellers, and gears; refrigeration and air conditioning systems; deck machinery; and safety equipment. The text is recommended for engineers in ships who would like to know more about the auxiliary machines onboard ships, how they are operated, and the principles behind them. Marine and Offshore Pumping and Piping System covers the history, application, installation, maintenance, and safety of different pumping and piping systems. The book covers topics such as pumping arrangements, especially in machinery spaces; water ballast, oil fuel, feed, and cooling water systems; and piping systems for oil and chemical tankers. Also covered are topics such as the arrangements in liquefied gas carriers and fuel gas and coal burning; the required arrangements and systems for specialized ships and its related regulations; the automation of control systems; piping designs, and offshore services. The text is recommended for marine engineers who would like to know more about the pumping and piping systems on ships and offshore services, as well as their arrangements. The Maritime Engineering Reference Book is a one-stop source for engineers involved in marine engineering and naval architecture. In this essential reference, Anthony F. Molland has brought together the work of a number of the world's leading writers in the field to create an inclusive volume for a wide audience of marine engineers, naval architects and those involved in marine operations, insurance and other related fields. Coverage ranges from the basics to more advanced topics in ship design, construction and operation. All the key areas are covered, including ship flotation and stability, ship structures, propulsion, seakeeping and maneuvering. The marine environment and maritime safety are explored as well as new technologies, such as computer aided ship design and remotely operated vehicles (ROVs). Facts, figures and data from world-leading experts makes this an invaluable ready-reference for those involved in the field of maritime engineering. Professor A.F. Molland, BSc, MSc, PhD, CEng, FRINA. is Emeritus Professor of Ship Design at the University of Southampton, UK. He has lectured ship design and operation for many years. He has carried out extensive research and published widely on ship design and various aspects of ship hydrodynamics. * A comprehensive overview from best-selling authors including Bryan Barrass, Rawson and Tupper, and David Eyres * Covers basic and advanced material on marine engineering and Naval Architecture topics * Have key facts, figures and data to hand in one complete reference book This publication provides over 140 pages of introductory technical guidance for civil engineers, marine engineers and other professional engineers and construction managers interested in design, construction and operation of facilities and infrastructure in cold regions where ice is a substantial consideration, such as at lakes, rivers and reservoirs. Here is what is discussed: 1. FUNDAMENTALS , 2. FORCE ON STRUCTURES, 3. BEARING CAPACITY, 4. ICE JAM MITIGATION Introductory technical guidance for civil and marine engineers interested in fundamentals of ice engineering. Here is what is discussed: 1. INTRODUCTION 2. ICE PROCESSES AND PROPERTIES 3. MECHANICAL PROPERTIES OF FRESHWATER ICE 4. FRAZIL ICE 5. THERMAL ICE GROWTH 6. DYNAMIC ICE COVER FORMATION 7. ICE COVER BREAKUP. This volume addresses several topics of ship strength in greater depth than in the previous edition of PNA, bringing much of the material up to date and introducing some new subjects. There is extensive coverage of the latest developments in dynamic sea load predictions, including nonlinear load effects, slamming and impact plus new sections on the mechanics of collisions and grounding. This book contains selected papers from the Fourth International Conference on Computational Methods in Marine Engineering, held at Instituto Superior Técnico, Technical University of Lisbon, Portugal in September 2011. Nowadays, computational methods are an essential tool of engineering, which includes a major field of interest in marine applications, such

as the maritime and offshore industries and engineering challenges related to the marine environment and renewable energies. The 2011 Conference included 8 invited plenary lectures and 86 presentations distributed through 10 thematic sessions that covered many of the most relevant topics of marine engineering today. This book contains 16 selected papers from the Conference that cover “CFD for Offshore Applications”, “Fluid-Structure Interaction”, “Isogeometric Methods for Marine Engineering”, “Marine/Offshore Renewable Energy”, “Maneuvering and Seakeeping”, “Propulsion and Cavitation” and “Ship Hydrodynamics”. The papers were selected with the help of the recognized experts that collaborated in the organization of the thematic sessions of the Conference, which guarantees the high quality of the papers included in this book. Ship Construction is a comprehensive text for students of naval architecture, ship building and construction, and for professional Naval Architects and Marine Engineers. Covers the complete ship construction process including the development of ship types, materials and strengths of ships, welding and cutting, shipyard practice, ship structure and outfitting, All the latest developments in technology and shipyard methods, including a new chapter on computer-aided design and manufacture, Essential for students and professionals, particularly those working in shipyards, supervising ship construction, conversion and maintenance. Book jacket.