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KEY=MAINTENANCE - MAXIMUS GWENDOLYN

Modern Marine Internal Combustion Engines A Technical and Historical Overview Springer Nature This book offers a comprehensive and timely overview of internal combustion engines for use in marine environments. It reviews the development of modern four-stroke marine engines, gas and gas-diesel engines and low-speed two-stroke crosshead engines, describing their application areas and providing readers with a useful snapshot of their technical features, e.g. their dimensions, weights, cylinder arrangements, cylinder capabilities, rotation speeds, and exhaust gas temperatures. For each marine engine, information is provided on the manufacturer, historical background, development and technical characteristics of the manufacturer's most popular models, and detailed drawings of the engine, depicting its main design features. This book offers a unique, self-contained reference guide for engineers and professionals involved in shipbuilding. At the same time, it is intended to support students at maritime academies and university students in naval architecture/marine engineering with their design projects at both master and graduate levels, thus filling an important gap in the literature. **User's Guide to Natural Gas Technologies The Fairmont Press, Inc. Compiled & Edited by F. William Payne.** Natural gas technologies that were new five years ago have now been tested in the real world. This book describes some of these important technologies, covering both new engineering concepts and new products which have emerged, as well as important innovations to existing technologies. Many of the chapters include economic analyses which identify the resulting cost savings. Specific areas of development addressed include gas cooling, chillers, desiccant technologies, cogeneration, heating systems, and other natural gas

technologies. Lloyd's Law Reports Wärtsilä Encyclopedia of Ship Technology Shipping World & Shipbuilder Carnot Cycle and Heat Engine Fundamentals and Applications MDPI This book results from a Special Issue related to the latest progress in the thermodynamics of machines systems and processes since the premonitory work of Carnot. Carnot invented his famous cycle and generalized the efficiency concept for thermo-mechanical engines. Since that time, research progressed from the equilibrium approach to the irreversible situation that represents the general case. This book illustrates the present state-of-the-art advances after one or two centuries of consideration regarding applications and fundamental aspects. The research is moving fast in the direction of economic and environmental aspects. This will probably continue during the coming years. This book mainly highlights the recent focus on the maximum power of engines, as well as the corresponding first law efficiency upper bounds. Moody's International Manual Specialized Training for Liquefied Gas Tankers IMO Publishing Marine Navigation and Safety of Sea Transportation CRC Press In recent years much attention has been paid to safety of navigation and marine transportation. Marine Navigation and Safety of Sea Transportation addresses the main aspects of marine safety, including: safety of navigation; manoeuvring and ship-handling systems; marine traffic control and automatic identification systems; navigation tools, system A Guide to Ship Repair Estimates in Man-hours Butterworth-Heinemann Expert ship surveyor Don Butler shares a lifetime's ship repair costing experience in this unique resource for accurate cost estimation and planning Includes hard to come by information on typical ship repair labor expectations for accurate man-hour forecasting and cost estimation Produced for marine engineers and marine industry professionals to aid with repair specification and negotiation, helping you to plan work and budgets more reliably Uses man-hours as opposed to particular rates or currencies, providing a long-term model for pricing regardless of location, rate fluctuation or inflation Bringing together otherwise scattered details on specific repair and dry-docking activities, this invaluable guide will save you time and improve the accuracy of your ship repair estimates. Don't plan or commission work without it! Don Butler is a fellow of the Institute of Marine Engineers and a member of Society of Consulting Marine Engineers and Ship Surveyors, UK. Made up of very hard to come by information on typical ship repair labor expectations for accurate man-hour forecasting and cost estimation Produced for marine engineers and marine industry professionals to save time, aid in repair negotiation and help companies to plan more reliably Man-hour listings assist in long-term pricing, meaning the book content remains valid regardless of currency, rate fluctuation or inflation Pounder's Marine Diesel Engines and Gas Turbines Butterworth-Heinemann Pounder's Marine Diesel Engines and Gas Turbines, Tenth Edition, gives engineering cadets, marine engineers, ship operators and managers insights into currently available engines and auxiliary equipment and trends for the future. This new edition introduces

new engine models that will be most commonly installed in ships over the next decade, as well as the latest legislation and pollutant emissions procedures. Since publication of the last edition in 2009, a number of emission control areas (ECAs) have been established by the International Maritime Organization (IMO) in which exhaust emissions are subject to even more stringent controls. In addition, there are now rules that affect new ships and their emission of CO₂ measured as a product of cargo carried. Provides the latest emission control technologies, such as SCR and water scrubbers Contains complete updates of legislation and pollutant emission procedures Includes the latest emission control technologies and expands upon remote monitoring and control of engines The Motor Ship The Naval Institute Guide to Combat Fleets of the World, 2005-2006 Their Ships, Aircraft, and Systems Naval Inst Press Describes and illustrates the navies of over 170 nations of the world. Nautical and Maritime Culture, from the Past to the Future Proceedings of the 3rd International Conference on Nautical and Maritime Culture IOS Press Since the dawn of history, the sea has connected and divided human societies. In order to address this, increasingly ingenious and innovative technological solutions have been developed, and the sea has never been an insuperable barrier to mankind. This book presents the proceedings of ICNM 2019, the 3rd International Conference on Nautical and Maritime Culture, held in Naples, Italy, on 14 and 15 November 2019. The conference covers all conceptual and theoretical aspects relating to nautical and maritime culture, and topics covered by the 21 papers presented here include: the history of ships and navigation; maritime museums and libraries; naval architecture and the evolution of marine engineering; the conservation of nautical marine and maritime heritage; ship and nautical design; careers at sea; and the evolution of the waterfront and the coastal marine environment. The ICNM conference promotes dialogue between academics, professionals, and those involved in maritime research and development, and the book will be of interest to all those with an involvement in nautical and maritime culture. Lloyd's List Maritime Asia The Waterways Journal Independent Energy Construction Law CRC Press Now in its second edition, Construction Law is the standard work of reference for busy construction law practitioners, and it will support lawyers in their contentious and non-contentious practices worldwide. Published in three volumes, it is the most comprehensive text on this subject, and provides a unique and invaluable comparative, multi-jurisdictional approach. This book has been described by Lord Justice Jackson as a "tour de force", and by His Honour Humphrey Lloyd QC as "seminal" and "definitive". This new edition builds on that strong foundation and has been fully updated to include extensive references to very latest case law, as well as changes to statutes and regulations. The laws of Hong Kong and Singapore are also now covered in detail, in addition to those of England and Australia. Practitioners, as well as interested academics and post-graduate students, will all find this book to be an invaluable guide to the many facets of construction law. Engine

Lubrication SAE International Berlitz, 1999 Guide to Cruising and Cruise Ships Berlitz Publishing Written by an internationally celebrated cruise expert, this recognized bible of the cruise industry offers descriptions, information, and recommendations for every imaginable type of cruise ship.

Harbour & Shipping Lloyd's Ship Manager LSM. Maritime Guide Modern Marine Engineer's Manual Cornell Maritime Pr/Tidewater Pub Volume II of the manual that has been absolutely indispensable to the ship's engineer for over forty years was completely updated by a team of practicing marine engineers in 1991. Chapters on obsolete equipment were deleted; those on systems that are still current were updated; and new chapters were written to cover the innovations in materials, machines, and operating practices that evolved recently.

Ship and Mobile Offshore Unit Automation A Practical Guide Gulf Professional Publishing Ship and Mobile Offshore Unit Automation: A Practical Guide: A Practical Guide gives engineers a much-needed reference on relevant standards and codes, along with practical case studies on how to use these standards on actual projects and plans. Packed with the critical procedures necessary for each phase of the project, the book also gives an outlook on trends of development for control and monitoring systems, including usage of artificial intelligence in software development and prospects for the use of autonomous vessels. Rounding out with a glossary and introductory chapter specific to the new marine engineer just starting, this book delivers a source of valuable information to help offshore engineers be better prepared to safely and efficiently design today's offshore unit control systems. Helps readers understand the worldwide offshore unit regulations necessary for monitoring systems and automation installation, including ISO, IEC, IEEE, IMO, SOLAS AND MODU, ABS, DNVGL, API, NMA and NORSOK Presents real-world examples that apply standards Provides tactics on how to procure control and monitoring systems specific to the offshore industry

Propulsion Systems Lloyd's Maritime Directory International Electronics Directory '90 The Guide to European Manufacturers, Agents and Applications Elsevier International Electronics Directory '90, Third Edition: The Guide to European Manufacturers, Agents and Applications, Part 1 comprises a directory of various manufacturers in Europe and a directory of agents in Europe. This book contains a classified directory of electronic products and services where both manufacturers and agents are listed. This edition is organized into two sections. Section 1 provides details of manufacturers, including number of employees, production program, names of managers, as well as links with other companies. The entries are listed alphabetically on a country-by-country basis. Section 2 provides information concerning agents or representatives, including names of manufacturers represented, names of managers, number of employees, and range of products handled. A number of these companies are also active in manufacturing and so appear in both Section 1 and Section 2. This book is a valuable resource for private consumers.

Berlitz 2000 Complete Guide to Cruising and Cruise Ships

Berlitz Publishing This recognized bible of the cruise industry is a one-stop source for both veteran and novice cruise-goers, packed with everything they need to know to plan the perfect trip. Internationally celebrated cruise expert Douglas Ward -- president of the Maritime Evaluations Group and veteran of more than 800 cruises -- offers descriptions, information, and recommendations for every imaginable type of ship. Updated annually, the **Berlitz Complete Guide to Cruising & Cruise Ships 2001** features reviews of 260 ships -- including more than a dozen new to this edition -- and cruise lines; fully updated ship ratings; and facts on giant full-service cruise ships, tall ships with windsails, and specialty cruises, such as coastal river, barge, and nature cruises. Must-know details, from the number of dining facilities to cabin amenities, are presented through comments and easy-to-use chaffs. This comprehensive guide -- complete with a sample cruise-ship menu and sample cabin diagrams -- also includes expert advice for all ages and interests, with special sections for singles, families, and the physically challenged. Practical information on how to choose a ship, how to book a trip, and what to know before going makes planning the perfect cruise a breeze. With more than 275,000 copies sold since its first publication in 1986, it is no wonder that the **Berlitz Complete Guide to Cruising & Cruise Ships** is hailed as the definitive cruising guide by the cruise industry and travelers alike.

Asia Pacific Shipping Basic Naval Architecture Instructor's Guide And Problem Set The **Palgrave Handbook of Servitization** Springer Nature Manufacturers have shifted their focus from products to smart solutions in search of higher returns and additional growth opportunities. This shift, described as servitization, or lately as a digital servitization, is not a simple process. Academic study has revealed that its issues are complex, problematic, contingent, and even paradoxical, involving multiple organizational layers, such as operations, strategic, relational, and even ecosystemic layers. Recent literature studies have called for improved theories in servitization, and even alternative narratives. In this handbook, the chapters take different perspectives towards servitization, digital servitization or Product-Service-Software systems, presenting and debating over concepts such as organizational transformation, change management, strategic management, business models, innovation and product-service operations. The handbook provides an opportunity to develop improved theoretical grounds for servitization, and thus to elaborate and develop the field further. This volume will be of great interest for the servitization community, including scholars, Ph.D. and master students, but also company managers, developers and consultants facilitating company's servitization efforts.

Service Business Development Strategies for Value Creation in Manufacturing Firms Cambridge University Press Over the last decade, capital goods manufacturers have added services to products as a way of responding to eroding margins and the loss of strategic differentiation. Based on over twelve years of research, this book provides a thorough overview of the strategies available for value creation through service business

development. Lloyd's Ship Manager & Shipping News International Pulp & Paper Canada Reference Manual & Buyers' Guide Marine Engineers Review Official Export Guide Marine fuel sulphur record book The Stationery Office Essential for all vessels who wish to enter an Emission Control Area, are at berth in a United Kingdom port, or a UK passenger ship operating in UK waters and controlled waters or any other passenger ship which calls at a port in the UK. The Merchant Shipping (prevention of Air Pollution from Ships) Regulation 2008, as amended, require that the master of a ship to which the regulations apply make a record to demonstrate compliance for any ship using separate fuel oils and make a record of any fuel changeover operation. The master of a ship to which the regulations apply is required to make a record: (a) in the case of a UK ship, in a log book in the format prescribed in Appendix 6 to Merchant Shipping Notice 1819 (M+F); (b) in the case of any other ship, in a ship's log book. This log book has been approved by the Maritime and Coastguard Agency for use on United Kingdom ships when recording the use of maritime fuel oil in accordance with the requirements of Annex VI of MARPOL and for ships at berth in United Kingdom ports in accordance with EU Directive 199/32/EC, as amended by Directive 2005/33/EC regarding the sulphur content of marine fuels.

Independent Power Projects in Sub-Saharan Africa Lessons from Five Key Countries World Bank Publications Inadequate electricity services pose a major impediment to reducing extreme poverty and boosting shared prosperity in Sub-Saharan Africa. Simply put, Africa does not have enough power. Despite the abundant low-carbon and low-cost energy resources available to Sub-Saharan Africa, the region's entire installed electricity capacity, at a little over 80 GW, is equivalent to that of the Republic of Korea. Looking ahead, Sub-Saharan Africa will need to ramp-up its power generation capacity substantially. The investment needed to meet this goal largely exceeds African countries already stretched public finances. Increasing private investment is critical to help expand and improve electricity supply. Historically, most private sector finance has been channeled through privately financed independent power projects (IPP), supported by nonrecourse or limited recourse loans, with long-term power purchase agreements with the state utility or another off-taker. Between 1990 and 2014, IPPs have spread across Sub-Saharan Africa and are now present in 17 countries. Currently, there are 125 IPPs, with an overall installed capacity of 10.7 GW and investments of \$24.6 billion. However, private investment could be much greater and less concentrated. South Africa alone accounts for 67 IPPs, 4.3 GW of capacity and \$14.4 billion of investments; the remaining projects are concentrated in a handful of countries. The objective of this study is to evaluate the experience of IPPs and identify lessons that can help African countries attract more and better private investment. At the core of this analysis is a reflection on whether IPPs have in fact benefited Sub-Saharan Africa, and how they might be improved. The analysis is based primarily on in depth case studies, carried out in five countries, including Kenya, Nigeria, South

Africa, Tanzania and Uganda, which not only have the most numerous but also among the most extensive experience with IPPs. Readers' Guide to Periodical Literature An author subject index to selected general interest periodicals of reference value in libraries.