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KEY=MTU - QUINTIN SIMPSON

Pounder's Marine Diesel Engines and Gas Turbines

Butterworth-Heinemann Since its first appearance in 1950, Pounder's Marine Diesel Engines has served seagoing engineers, students of the Certificates of Competency examinations and the marine engineering industry throughout the world. Each new edition has noted the changes in engine design and the influence of new technology and economic needs on the marine diesel engine. Now in its ninth edition, Pounder's retains the directness of approach and attention to essential detail that characterized its predecessors. There are new chapters on monitoring control and HiMSEN engines as well as information on developments in electronic-controlled fuel injection. It is fully updated to cover new legislation including that on emissions and provides details on enhancing overall efficiency and cutting CO2 emissions. After experience as a seagoing engineer with the British India Steam Navigation Company, Doug Woodyard held editorial positions with the Institution of Mechanical Engineers and the Institute of Marine Engineers. He subsequently edited The Motor Ship journal for eight years before becoming a freelance editor specializing in shipping, shipbuilding and marine engineering. He is currently technical editor of Marine Propulsion and Auxiliary Machinery, a contributing editor to Speed at Sea, Shipping World and Shipbuilder and a technical press consultant to Rolls-Royce Commercial Marine. * Helps engineers to understand the latest changes to marine diesel engines * Careful organisation of the new edition enables readers to access the information they require * Brand new chapters focus on monitoring control systems and HiMSEN engines. * Over 270 high quality, clearly labelled illustrations and figures to aid understanding and help engineers quickly identify what they need to know.

Boating

Handbook of Diesel Engines

Springer Science & Business Media This machine is destined to completely revolutionize cylinder diesel engine up through large low speed t- engine engineering and replace everything that exists. stroke diesel engines. An appendix lists the most (From Rudolf Diesel's letter of October 2, 1892 to the important standards and regulations for diesel engines. publisher Julius Springer.) Further development of diesel engines as economiz- Although Diesel's stated goal has never been fully ing, clean, powerful and convenient drives for road and achievable of course, the diesel engine indeed revolu- nonroad use has proceeded quite dynamically in the tionized drive systems. This handbook documents the last twenty years in particular. In light of limited oil current state of diesel engine engineering and technol- reserves and the discussion of predicted climate ogy. The impetus to publish a Handbook of Diesel change, development work continues to concentrate Engines grew out of ruminations on Rudolf Diesel's on reducing fuel consumption and utilizing alternative transformation of his idea for a rational heat engine fuels while keeping exhaust as clean as possible as well into reality more than 100 years ago. Once the patent as further increasing diesel engine power density and was filed in 1892 and work on his engine commenced enhancing operating performance.

MotorBoating

Marine Diesel Basics 1

Maintenance, Lay-up, winter Protection, Tropical Storage, Spring Recommission

Voyage Press Seeing is Understanding. The first VISUAL guide to marine diesel systems on recreational boats. Step-by-step instructions in clear, simple drawings explain how to maintain, winterize and recommission all parts of the system - fuel deck fill - engine - batteries - transmission - stern gland - propeller. Book one of a new series. Canadian author is a sailor and marine mechanic cruising aboard his 36-foot steel-hulled Chevrier sloop. Illustrations: 300+ drawings Pages: 222 pages Published: 2017 Format: softcover Category: Inboards, Gas & Diesel

Advanced Components for Electric and Hybrid Electric Vehicles

Workshop Proceedings

DIANE Publishing This workshop concentrated on the technologies to improve the design, performance, manufacturing, and economics of the critical components for the next generation of electric vehicles and hybrid electric vehicles for the year 2000 and beyond. Over 100 illustrations.

Popular Science

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Yachting

Yachting

Tank

The Definitive Visual History of Armored Vehicles

Penguin A visual guide to the history of tanks, Tank tells the full history of tanks through stunning photography and informative text. From the early Mark Is of World War I to the T-34 of World War II to the cutting-edge M1 Abrams of today, Tank showcases the most famous (or infamous) armored fighting vehicles in history. Packed full of tanks, armored vehicles, personnel carriers, and anti-tank weaponry, Tank combines comprehensive photographic spreads with in-depth histories of key manufacturers and specially commissioned visual tours of the most iconic examples of their kind. The featured vehicles are placed in their wider context, along with with tactical and technological improvements, and the impact of the tank on the evolution of battlefield and military strategy. Tank charts the evolution of the tank over the past century, covering over 450 tanks and military vehicles from all over the world. Look through the history of tanks and explore the form and function of a weapon that changed history. Learn the different vehicles' weight, size, country of origin, and time of use through in-depth profiles. An essential visual history, Tank provides a complete and exciting overview to the iconic vehicles that changed history.

Dangerous Flashpoints in East Asia: The Military Build-up

Dangerous Flashpoints in East Asia: The Military Build-up

Saghir Iqbal Major changes in East Asia have placed the region near the top of the World's strategic agenda. East Asia has until recently experienced the fastest regional economic growth rate in the world for many years. Economic co-operation has been flourishing and economic interests have become the major reason in reshaping East Asian international relations. However, there have also been changes in the security environment, due to many factors, such as the reduction of US forces in East Asia, the disintegration of the Soviet Union (the decline of the Soviet Union's presence in the region had led to renewed attention to traditional and potential rivalries among the major East Asian powers), and the concern of China's hegemonistic ambitions.

Boating

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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

Yachting

The Motor Ship

Yachting

Yachting

Gas Turbines

A Handbook of Air, Land and Sea Applications

Elsevier Covering basic theory, components, installation, maintenance, manufacturing, regulation and industry developments, Gas Turbines: A Handbook of Air, Sea and Land Applications is a broad-based introductory reference designed to give you the knowledge needed to succeed in the gas turbine industry, land, sea and air applications. Providing the big picture view that other detailed, data-focused resources lack, this book has a strong focus on the information needed to effectively decision-make and plan gas turbine system use for particular applications, taking into consideration not only operational requirements but long-term life-cycle costs in upkeep, repair and future use. With concise, easily digestible overviews of all important theoretical bases and a practical focus throughout, Gas Turbines is an ideal handbook for those new to the field or in the early stages of their career, as well as more experienced engineers looking for a reliable, one-stop reference that covers the breadth of the field. Covers installation, maintenance, manufacturer's specifications, performance criteria and future trends, offering a rounded view of the area that takes in technical detail as well as industry economics and outlook Updated with the latest industry developments, including new emission and efficiency regulations and their impact on gas turbine technology Over 300 pages of new/revised content, including new sections on microturbines, non-conventional fuel sources for microturbines, emissions, major developments in aircraft engines, use of coal gas and superheated steam, and new case histories throughout highlighting component improvements in all systems and sub-systems.

Yachting

China's Arms Acquisitions from Abroad

A Quest for 'superb and Secret Weapons'

Stockholm International Peace Research Institute The People's Republic of China seeks to attain military strength commensurate with its growing regional and international influence and to close the military-technological gap which has long separated it from the other major powers. To achieve its military modernization goals, China will continue its efforts to import the critical weapons and technologies it requires. Yet, for reasons rooted in both historical and contemporary contexts, China faces many difficulties and setbacks in this quest. China's Arms Acquisitions from Abroad documents and analyses the 150-year effort by China to strengthen its military forces through arms imports. Based on an historical understanding of this process, the report focuses mainly on contemporary transfers of weapons and technologies to China, particularly those from the Soviet Union and Russia, but also including imports from Israel, France, the United Kingdom, the United States and other suppliers. Relying on primary sources as well as on the most comprehensive collection of open-source data and information available on the subject, the report provides extensive documentation and a balanced assessment of past, current and likely future developments regarding Chinese arms imports. This unique study will prove useful to experts and officials concerned with security and regional affairs in East Asia.

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MotorBoating

Jane's High-speed Marine Craft

Yachting

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Police Boats and Coast Guard Ships

The DIY RC Ship Model

Verlag für Technik und Handwerk Police, customs and coast guard boats have a large number of enthusiasts among model ship builders due to their tasks, but above all due to their interesting appearance. In addition, these types of ships can be equipped with numerous special functions. Due to their usually high cruising performance, they are also ideal for those who want a fast model but do not like a yacht or a military speedboat. The model building companies have recognised this and have recently brought a number of construction kits of RC ship models of this type onto the market. Let the author Gerhard O. W. Fischer inspire you with his richly illustrated descriptions of this variant of RC ship modelling! From the content: • The tasks of the Coast Guard • Visit to the Albatros II • RC model Albatros I • Converted Coast Guard boats • Models of the U.S. Coast Guard • Police Boat W 4 • Police or Coast Guard Boat • Police and Coast Guard Boat Sylt • A police boat of own design • A pilot boat • River patrol boat Bussard • List of sources

Sustainable Development and Innovations in Marine Technologies

Proceedings of the 18th International Congress of the Maritime Association of the Mediterranean (IMAM 2019), September 9-11, 2019, Varna, Bulgaria

CRC Press Sustainable Development and Innovations in Marine Technologies includes the papers presented at the 18th International Congress of the Maritime Association of the Mediterranean (IMAM 2019, Varna, Bulgaria, 9-11 September 2019). Sustainable Development and Innovations in Marine Technologies includes a wide range of topics: Aquaculture & Fishing; Construction; Defence & Security; Design; Dynamic response of structures; Degradation/ Defects in structures; Electrical equipment of ships; Human factors; Hydrodynamics; Legal/Social aspects; Logistics; Machinery & Control; Marine environmental protection; Materials; Navigation; Noise; Non-linear motions - manoeuvrability; Off-shore and coastal development; Off-shore renewable energy; Port operations; Prime movers; Propulsion; Safety at sea; Safety of Marine Systems; Sea waves; Seakeeping; Shaft & propellers; Ship resistance; Shipyards; Small & pleasure crafts; Stability; Static response of structures; Structures, and Wind loads. The IMAM series of Conferences started in 1978 when the first Congress was organised in Istanbul, Turkey. IMAM 2019 is the eighteenth edition, and in its nearly forty years of history, this biannual event has been organised throughout Europe. Sustainable Development and Innovations in Marine Technologies is essential reading for academics, engineers and all professionals involved in the area of sustainable and innovative marine technologies.

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