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Security Awareness Training for All Seafarers International Maritime Organization 2012 This model course is intended to provide the knowledge required to enable personnel without designated security duties in connection with a Ship Security Plan (SSP) to enhance ship security in accordance with the requirements of chapter XI-2 of SOLAS 74 as amended, the ISPS Code, and section A-VI/6-1 of the STCW Code, as amended. Those who successfully complete this course should achieve the required standard of competence enabling them to contribute to the enhancement of maritime security through heightened awareness and the ability to recognize security threats and to respond appropriately.

Fuel Cells Detlef Stolten 2016-02-19 This ready reference is unique in collating in one scientifically precise and comprehensive handbook the widespread data on what is feasible and realistic in modern fuel cell technology. Edited by one of the leading scientists in this exciting area, the short, uniformly written chapters provide economic data for cost considerations and a full overview of demonstration data, covering such topics as fuel cells for transportation, fuel provision, codes and standards. The result is highly reliable facts and figures for engineers, researchers and decision makers working in the field of fuel cells.

Developments in the Analysis and Design of Marine Structures Jorgen Amdahl 2021-12-17 Developments

in the Analysis and Design of Marine Structures is a collection of papers presented at MARSTRUCT 2021, the 8th International Conference on Marine Structures (by remote transmission, 7-9 June 2021, organised by the Department of Marine Technology of the Norwegian University of Science and Technology, Trondheim, Norway), and is essential reading for academics, engineers and professionals involved in the design of marine and offshore structures. The MARSTRUCT Conference series deals with Ship and Offshore Structures, addressing topics in the fields of: - Methods and Tools for Loads and Load Effects; - Methods and Tools for Strength Assessment; - Experimental Analysis of Structures; - Materials and Fabrication of Structures; - Methods and Tools for Structural Design and Optimisation; and - Structural Reliability, Safety and Environmental Protection. The MARSTRUCT conferences series of started in Glasgow, UK in 2007, the second event of the series took place in Lisbon, Portugal in March 2009, the third in Hamburg, Germany in March 2011, the fourth in Espoo, Finland in March 2013, the fifth in Southampton, UK in March 2015, the sixth in Lisbon, Portugal in May 2017, and the seventh in Drubovnik, Croatia in May 2019. The ‘Proceedings in Marine Technology and Ocean Engineering’ series is dedicated to the publication of proceedings of peer-reviewed international conferences dealing with various aspects of ‘Marine Technology and Ocean Engineering’. The Series includes the proceedings of the following conferences: the International Maritime Association of the Mediterranean (IMAM) conferences, the Marine Structures (MARSTRUCT) conferences, the Renewable Energies Offshore (RENEW) conferences and the Maritime Technology (MARTECH) conferences. The ‘Marine Technology and Ocean Engineering’ series is also open to new conferences that cover topics on the sustainable exploration and exploitation of marine resources in various fields, such as maritime transport and ports, usage of the ocean including coastal areas, nautical activities, the exploration and exploitation of mineral resources, the protection of the marine environment and its resources, and risk analysis, safety and reliability. The aim of the series is to stimulate advanced education and training through the wide dissemination of the results of scientific research.

Solas International Maritime Organization 2020-11-02 Supersedes previous consolidated edition

IMDG Code International Maritime Organization 2021-01-11 The International Maritime Dangerous Goods Code is the standard guide to all aspects of handling dangerous goods and marine pollutants in sea

transport. The Code lays down basic principles: detailed recommendations for individual substances, materials and articles, and a number of recommendations for good operational practice, including advice on terminology, packing, labelling, stowage, segregation and handling, and emergency response action. The Code has undergone many changes over the years, in both format and content, in order to keep up with the rapid expansion of the shipping industry. Amendment 40-20 includes revisions to various sections of the Code and to transport requirements for specific substances. It is mandatory as from 1 June 2022 but may be applied by Administrations in whole or in part on a voluntary basis from 1 January 2021

MARPOL Consolidated Edition 2011 International Maritime Organization 2011 The International Convention for the Prevention of Pollution from Ships, 1973 (MARPOL Convention), is concerned with preserving the marine environment through the prevention of pollution by oil and other harmful substances and the minimization of accidental discharge of such substances. Its technical content is laid out in six Annexes, the first five of which were in the 1973 Convention, as modified by the 1978 Protocol, and cover pollution of the sea by oil, by noxious liquid substances in bulk, by harmful substances in packaged form, by sewage from ships and by garbage from ships. Annex VI was adopted by the 1997 Protocol and covers air pollution from ships

Geoinformatics for Marine and Coastal Management Darius Bartlett 2016-12-19 Geoinformatics for Marine and Coastal Management provides a timely and valuable assessment of the current state of the art geoinformatics tools and methods for the management of marine systems. This book focuses on the cutting-edge coverage of a wide spectrum of activities and topics such as GIS-based application of drainage basin analysis, contribution of ontology to marine management, geoinformatics in relation to fisheries management, hydrography, indigenous knowledge systems, and marine law enforcement. The authors present a comprehensive overview of the field of Geoinformatic Applications in Marine Management covering key issues and debates with specific case studies illustrating real-world applications of the GIS technology. This "box of tools" serves as a long-term resource for coastal zone managers, professionals, practitioners, and students alike on the management of oceans and the coastal fringe, promoting the approach of allowing sustainable and integrated use of oceans to maximize opportunities while keeping risks and hazards to a minimum.

Organisation und Devianz Anna Culjak 2014-10-31 Es handelt sich bei diesem Band um eine Fallstudie, die in den Überschneidungsbereich der Organisations- und Risikosoziologie gehört. Exemplarisch wird an dem Schiffsunglück des Kreuzfahrtschiffs Costa Concordia ein Zusammenhang zwischen beiden Forschungsgebieten hergestellt, indem empirisch belegt wird, dass sich an Bord eine Kultur der Regelabweichung entfaltet hat. Auf Basis systemtheoretischer Elemente und durch die Identifikation von Normenbrüchen werden informelle Praktiken rekonstruiert, die auf zentrale Zweckkonflikte schließen lassen. Anhand der Analyse vielfältigen Datenmaterials wird gezeigt, dass die Verantwortung für die Havarie nicht allein auf den Kapitän übertragen werden kann, da das Schiffsunglück durch die Verkopplung informeller geduldeten Normabweichungen verursacht wurde. Insgesamt bringt die Fallrekonstruktion spannende Erkenntnisse für Studien zu Informalitäten hervor und liefert Anregungen für zukünftige Forschungen in der Organisations- und Rechtssoziologie.

Maritime Informatics Mikael Lind 2020-11-14 This first book on Maritime Informatics describes the potential for Maritime Informatics to enhance the shipping industry. It examines how decision making in the industry can be improved by digital technology, and introduces the technology required to make Maritime Informatics a distinct and valuable discipline. Based on participating in EU funded research over the last six years to improve the shipping industry, the editors stipulate that there is a need for the new discipline of Maritime Informatics, which studies the application of information systems to increasing the efficiency, safety, and ecological sustainability of the world's shipping industry. This book examines competition and collaboration between shipping companies, and also companies who serve shipping needs, such as ports and terminals. Practical examples from leading experts give the reader real world examples for better understanding.

Marine Navigation and Safety of Sea Transportation Adam Weintrit 2013-06-04 The TransNav 2013 Symposium held at the Gdynia Maritime University, Poland in June 2013 has brought together a wide range of participants from all over the world. The program has offered a variety of contributions, allowing to look at many aspects of the navigational safety from various different points of view. Topics presented

The Business and Management of Ocean Cruises Michael Vogel, Alexis Papathanassis and Ben Wolber

2012 This book is divided into six parts, which are organized to guide the reader step by step from the macro level of the cruise industry to the micro level of operations management on board cruise ships. Part I (chapters 1-4) sets the scene for the book by characterizing the conditions under which cruise lines operate. Part II (chapters 5-8) includes four chapters that address issues of significance for corporate managers in the cruise sector. Part III (chapters 9-11) deal with aspects of the marketing mix employed by cruise lines to attract passengers and fill their ships. Part IV (chapters 12-15) is concerned with managerial functions related directly to the cruise product. Part V (chapters 16-19) focuses on operational management functions on board cruise ships. The final Part VI (chapter 20) looks at future development possibilities for the cruise sector.

Ship Construction George J Bruce 2012-06-26 Ship Construction is the market leading text for the professional shipbuilding and naval architecture sector. Acting as both a reference on the latest developments in construction techniques, safety and shipyard practice for professionals and a comprehensive text for students of naval architecture, the book covers the complete construction process, from ship specification to completed vessel. Covering each core operation and providing detailed understanding of the key ship construction steps and techniques, this new edition includes the latest developments in computer-aided design and manufacture, plus updated international regulations for ship types, new materials, fabrication technologies, safety practice and shipyard technology. Covers the complete ship construction process including the development of ship types, materials and strengths, welding and cutting and ship structure, with numerous clear line diagrams included for ease of understanding Includes 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

Advances in Marine Navigation and Safety of Sea Transportation Adam Weintrit 2019-06-07 This volume contains a selection of papers presented at the 13th International Conference on Marina Navigation and Safety of Sea Transport and is addressed to scientists and professionals in order to share their expert knowledge, experience and research results concerning all aspects of navigation, safety of navigation and sea transportation. The Thirteen Edition of the most innovative World conference on maritime transport

research is designed to find solutions to challenges in waterborne transport, navigation and shipping, mobility of people and goods with respect to energy, infrastructure, environment, safety and security as well as to economic issues.

A Pocket Guide to Cold Water Survival International Maritime Organization 1982 Covers effect of cold water on body temperature, how to minimize these effects, methods of ship abandonment and treatment for hypothermia.

Ship Design Apostolos Papanikolaou 2014-09-16 This book deals with ship design and in particular with methodologies of the preliminary design of ships. The book is complemented by a basic bibliography and five appendices with useful updated charts for the selection of the main dimensions and other basic characteristics of different types of ships (Appendix A), the determination of hull form from the data of systematic hull form series (Appendix B), the detailed description of the relational method for the preliminary estimation of ship weights (Appendix C), a brief review of the historical evolution of shipbuilding science and technology from the prehistoric era to date (Appendix D) and finally a historical review of regulatory developments of ship's damage stability to date (Appendix E). The book can be used as textbook for ship design courses or as additional reading for university or college students of naval architecture courses and related disciplines; it may also serve as a reference book for naval architects, practicing engineers of related disciplines and ship officers, who like to enter the ship design field systematically or to use practical methodologies for the estimation of ship's main dimensions and of other ship main properties and elements of ship design.

Technology and Science for the Ships of the Future A. Marinò 2018-06-22 In 1974, a scientific conference covering marine automation group and large vessels issues was organized under the patronage of the Technical Naval Studies Centre (CETENA) and the Italian National Research Council (CNR). A later collaboration with the Marine Technical Association (ATENA) led to the renaming of the conference as NAV, extending the topics covered to the technical field previously covered by ATENA national conferences. The NAV conference is now held every 3 years, and attracts specialists from all over the world. This book presents the proceedings of NAV 2018, held in Trieste, Italy, in June 2018. The book

contains 70 scientific papers, 35 technical papers and 16 reviews, and subjects covered include: comfort on board; conceptual and practical ship design; deep sea mining and marine robotics; protection of the environment; renewable marine energy; design and engineering of offshore vessels; digitalization, unmanned vehicles and cyber security; yacht and pleasure craft design and inland waterway vessels. With its comprehensive coverage of scientific and technical maritime issues, the book will be of interest to all those involved in this important industry.

Ship Stability for Masters and Mates Bryan Barrass 2012-10-19 Understanding ship stability - the ability of a ship to return to an initial state after disturbing forces and moments - is critical for all maritime students and professionals studying for a deck or engineering certificate of competency, or seeking promotion to a higher rank within marine or naval companies or institutions. The seventh edition of this classic text provides a comprehensive introduction to all aspects of ship stability and ship strength, squat, interaction and trim, materials stresses and forces, with numerous worked examples to assist masters, mates and engineering officers with qualifications and professional practice. New coverage includes content on new materials used in ship construction, developing methods of propulsion and the latest research into resistance. **Ship Stability for Masters and Mates** is required reading for seafarers and students alike and an important resource for naval architecture students, shipboard officers and shore-based staff, including dry-dock personnel, ship-designers, ship surveyors, port authorities, marine consultants and superintendents. Updated throughout to include new shipping industry developments and regulations, with 9 new chapters, the latest ship stability datasheets, and sample exam questions Provides a comprehensive introduction to all aspects of ship stability and ship strength, squat, interaction and trim, materials stresses and forces Concepts are supported with numerous worked examples, clear diagrams, graphs and equations to assist with understanding and application of this critical subject

Navigating Straits David D. Caron 2014-02-20 In *Navigating Straits: Challenges for International Law*, internationally recognized international law scholars provide in-depth analysis of the legal challenges in straits concerning security, piracy, safety and environmental protection. All readers interested in international and law of the sea will find this seminal volume of interest.

Load Lines International Maritime Organization 2005 Load lines are painted on the side of a ship to show how low it may safely rest in the water. The 1966 International Convention on Load Lines (ICLL) is administered by the International Maritime Organization, and sets out detailed regulations on the assignment of the freeboard (the vertical distance between the top of the hull and the waterline) and the specific limitations to which different types of ships may be loaded. This publication contains the text of the 1966 Convention, the articles of the 1988 Protocol and amendments, the unified interpretations of the 1966 Convention approved by the Maritime Safety Committee up to December 2004, and the Form of Record conditions of assignment of load lines accepted by the Maritime Safety Committee.

Marine Policy Mark Zacharias 2014-03-14 This textbook provides the reader with a foundation in policy development and analysis and describes how policy, including legal mechanisms, is applied to marine environments around the world. It offers a systematic treatment of all aspects of marine policy, including environmental protection, fisheries, transportation, energy, mining and climate change. It starts with a biophysical overview of the structure and function of the marine environment with a particular emphasis on the challenges and opportunities of managing the marine environment. An overview of the creation and function of international law is then provided with a focus on international marine law. It explores the geographic and jurisdictional dimensions of marine policy, as well the current and anticipated challenges facing marine systems, including climate change-related impacts and resource over-exploitation. The book should appeal to senior undergraduate and graduate students and form a core part of the curriculum for marine affairs, science and policy courses. It will also provide supplementary reading for students taking a course in the law of the oceans, but is not aimed at legal specialists.

Developments in Maritime Transportation and Exploitation of Sea Resources Carlos Guedes Soares
2013-10-07 **Developments in Maritime Transportation and Exploitation of Sea Resources** covers recent developments in maritime transportation and exploitation of sea resources, encompassing ocean and coastal areas. The book brings together a selection of papers reflecting fundamental areas of recent research and development in the fields of:- Ship Hydrodynamics-

2017 CFR Annual Print Title 49 Transportation Parts 100 to 177 Office of The Federal Register

2017-07-01

Principles of Integrated Maritime Surveillance Systems A. Nejat Ince 2012-12-06 Information is always required by organizations of coastal states about the movements, identities and intentions of vessels sailing in the waters of interest to them, which may be coastal waters, straits, inland waterways, rivers, lakes or open seas. This interest may stem from defense requirements or from needs for the protection of off-shore resources, enhanced search and rescue services, deterrence of smuggling, drug trafficking and other illegal activities and/or for providing vessel traffic services for safe and efficient navigation and protection of the environment. To meet these needs it is necessary to have a well designed maritime surveillance and control system capable of tracking ships and providing other types of information required by a variety of user groups ranging from port authorities, shipping companies, marine exchanges to governments and the military. Principles of Integrated Maritime Surveillance Systems will be of vital interest to anyone responsible for the design, implementation or provision of a well designed maritime surveillance and control system capable of tracking ships and providing navigational and other types of information required for safe navigation and efficient commercial operation. Principles of Integrated Maritime Surveillance Systems is therefore essential to a variety of user groups ranging from port authorities to shipping companies and marine exchanges as well as civil governments and the military.

Maritime Transportation Stein Haugen 2022-12-15 The environmental and human costs of marine accidents are high, and risks are considerable. At the same time, expectations from society for the safety of maritime transportation, like most other activities, increase continuously. To meet these expectations, systematic methods for understanding and managing the risks in a cost-efficient manner are needed. This book provides readers with an understanding of how to approach this problem. Firmly set within the context of the maritime industry, systematic methods for safety management and risk assessment are described. The legal framework and the risk picture within the maritime industry provide necessary context. Safety management is a continuous and wide-ranging process, with a set of methods and tools to support the process. The book provides guidance on how to approach safety management, with many examples from the maritime industry to illustrate practical use. This extensively revised new edition addresses the needs of students and professionals working in shipping management, ship design and

naval architecture, and transport management, as well as safety management, insurance, and accident investigation.

Guide to Maritime Security and the ISPS Code International Maritime Organization 2012 This user guide has been developed to consolidate existing IMO maritime security-related material into a companion guide to SOLAS chapter XI-2 and the ISPS Code so as to assist States in promoting maritime security through development of the requisite legal framework, associated administrative practices, procedures and the necessary material, technical and human resources. The intention is to assist SOLAS Contracting Governments in the implementation, verification, compliance with, and enforcement of, the provisions of SOLAS chapter XI-2 and the ISPS Code.

Code of Federal Regulations 2017 Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

Autonomous Ships and the Law Henrik Ringbom 2020-12-01 Interest in autonomous ships has grown exponentially over the past few years. Whereas a few years ago, the prospect of unmanned and autonomous vessels sailing on the seas was considered unrealistic, the debate now centers on when and in what format and pace the development will take place. Law has a key role to play in this development and legal obstacles are often singled out as principal barriers to the rapid introduction of new technologies in shipping. Within a few years, autonomous ships have turned from a non-issue to one of the main regulatory topics being addressed by the International Maritime Organization. However, the regulatory discussion is still in its infancy, and while many new questions have been raised, few answers have been provided to them to date. Increased automation of tasks that have traditionally been undertaken by ships' crews raises interesting legal questions across the whole spectrum of maritime law. The first of its kind, this book explores the issue of autonomous ships from a wide range of legal perspectives, including both private law and public law at international and national level, making available cutting-edge research which will be of significant interest to researchers in maritime law.

FTP Code International Maritime Organization 2012 The 2010 FTP Code provides the international

requirements for laboratory testing, type approval and fire test procedures for products referenced under SOLAS chapter II-2. It comprehensively revises and updates the current Code, adopted by the MSC in 1996. The 2010 FTP Code includes the following: test for non-combustibility; test for smoke and toxicity; test for "A", "B" and "F" class divisions; test for fire door control systems; test for surface flammability (surface materials and primary deck coverings); test for vertically supported textiles and films; test for upholstered furniture; test for bedding components; test for fire-restricting materials for high-speed craft; and test for fire-resisting divisions of high-speed craft. It also includes annexes on Products which may be installed without testing and/or approval and on Fire protection materials and required approval test methods

International Code on Intact Stability, 2008 International Maritime Organization 2009 The International Code on Intact Stability 2008 (2008 IS Code), presents mandatory and recommendatory stability criteria and other measures for ensuring the safe operation of ships, to minimize the risk to such ships, to the personnel on board and to the environment. The 2008 IS Code took effect on 1 July 2010. The 2008 IS Code features: a full update of the previous IS Code; criteria based on the best state-of-the-art concepts available at the time they were developed, taking into account sound design and engineering principles and experience gained from operating ships; influences on intact stability such as the dead ship condition, wind on ships with large windage area, rolling characteristics and severe seas. This publication also presents Explanatory Notes to the 2008 IS Code, intended to provide administrations and the shipping industry with specific guidance to assist in the uniform interpretation and application of the intact stability requirements of the 2008 IS Code.

Marine Emergencies David House 2014-07-11 An influential guide to maritime emergencies and the current strategies that can be employed to cope with the immediate after effects and ramifications of disaster at sea. Many mariners will at some point in their maritime careers become involved in one sort of emergency or another, while in port or at sea, whether it is a fire on board, a collision with another vessel or an engine failure threatening a lee shore. Actions to take in such incidents can be the difference between survival and catastrophic loss. This text provides a direct insight into some of the latest incidents and includes: case studies from emergencies worldwide checklists and suggestions for emergency

situations. everything from fire and collision right through to the legal implications of salvage. David House has now written and published eighteen marine titles, many of which are in multiple editions. After commencing his seagoing career in 1962, he was initially engaged on general cargo vessels. He later experienced worldwide trade with passenger, container, Ro-Ro, reefer ships and bulk cargoes. He left the sea in 1978 with a Master Mariner's qualification and commenced teaching at the Fleetwood Nautical College. He retired in 2012 after thirty three years of teaching in nautical education. He continues to write and research maritime aspects for future works.

Guidelines for the Implementation of MARPOL International Maritime Organization 2012 The Marine Environment Protection Committee (MEPC) of IMO, at its sixty-second session in July 2011, adopted the Revised MARPOL Annex V, concerning Regulations for the prevention of pollution by garbage from ships, which enters into force on 1 January 2013. The associated guidelines which assist States and industry in the implementation of MARPOL Annex V have been reviewed and updated and two Guidelines were adopted in March 2012 at MEPC's sixty-third session. The 2012 edition of this publication contains: the 2012 Guidelines for the implementation of MARPOL Annex V (resolution MEPC.219(63)); the 2012 Guidelines for the development of garbage management plans (resolution MEPC.220(63)); and the Revised MARPOL Annex V (resolution MEPC.201(62)).

Electrical Measuring Instruments and Measurements S.C. Bhargava 2012-12-27 This book, written for the benefit of engineering students and practicing engineers alike, is the culmination of the author's four decades of experience related to the subject of electrical measurements, comprising nearly 30 years of experimental research and more than 15 years of teaching at several engineering institutions. The unique feature of this book, apart from covering the syllabi of various universities, is the style of presentation of all important aspects and features of electrical measurements, with neatly and clearly drawn figures, diagrams and colour and b/w photos that illustrate details of instruments among other things, making the text easy to follow and comprehend. Enhancing the chapters are interspersed explanatory comments and, where necessary, footnotes to help better understanding of the chapter contents. Also, each chapter begins with a "recall" to link the subject matter with the related science or phenomenon and fundamental background. The first few chapters of the book comprise "Units, Dimensions and Standards"; "Electricity,

Magnetism and Electromagnetism" and "Network Analysis". These topics form the basics of electrical measurements and provide a better understanding of the main topics discussed in later chapters. The last two chapters represent valuable assets of the book, and relate to (a) "Magnetic Measurements", describing many unique features not easily available elsewhere, a good study of which is essential for the design and development of most electric equipment – from motors to transformers and alternators, and (b) "Measurement of Non-electrical Quantities", dealing extensively with the measuring techniques of a number of variables that constitute an important requirement of engineering measurement practices. The book is supplemented by ten appendices covering various aspects dealing with the art and science of electrical measurement and of relevance to some of the topics in main chapters. Other useful features of the book include an elaborate chapter-by-chapter list of symbols, worked examples, exercises and quiz questions at the end of each chapter, and extensive authors' and subject index. This book will be of interest to all students taking courses in electrical measurements as a part of a B.Tech. in electrical engineering. Professionals in the field of electrical engineering will also find the book of use.

2009 MODU Code International Maritime Organization 2010 The Assembly, at its twenty-sixth session (23 November to 2 December 2009), adopted by resolution A.1023(26) the Code for the Construction and Equipment of Mobile Offshore Drilling Units, 2009 (2009 MODU Code), which had been developed following a thorough revision of the 1989 MODU Code adopted by resolution A.649(16). In adopting the 2009 MODU Code, the Assembly recalled in particular that, since the adoption of the 1989 MODU Code, the Organization had adopted a significant number of amendments to many of the regulations of the International Convention for the Safety of Life at Sea, 1974 (SOLAS) referenced in the Code, and also that the International Civil Aviation Organization (ICAO) had adopted amendments to the Convention on International Civil Aviation which impacted on the provisions for helicopter facilities as contained in the Code. The 2009 MODU Code provides an international standard for MODUs of new construction which will facilitate their international movement and operation and ensure a level of safety for such units and for personnel on board, equivalent to that required by the 1974 SOLAS Convention and the Protocol of 1988 relating to the International Convention on Load Lines, 1966, for conventional ships engaged on international voyages. The 2009 MODU Code supersedes the 1989 MODU Code for mobile offshore drilling units, the keels of which are laid or which are at a similar stage of construction on or after 1

January 2012. For MODUs constructed before that date, the provisions of the 1989 MODU Code still apply.

SOLAS, Consolidated Edition 2014 International Maritime Organization 2014 Of all the international conventions dealing with maritime safety, the most important is the International Convention for the Safety of Life at Sea, 1974, as amended, better known as SOLAS, which covers a wide range of measures designed to improve the safety of shipping. The Convention is also one of the oldest of its kind: the first version was adopted in 1914 following the sinking of the Titanic with the loss of more than 1,500 lives. Since then there have been four more versions of SOLAS. The present version was adopted in 1974 and entered into force in 1980. In order to provide an easy reference to all SOLAS requirements applicable from 1 July 2014, this edition presents a consolidated text of the SOLAS Convention, its Protocols of 1978 and 1988 and all amendments in effect from that date. The SOLAS Consolidated Edition 2014 is an essential reference for maritime administrations, ship manufacturers, owners and operators, shipping companies, education institutes and all others concerned with requirements of the International Convention for the Safety of Life at Sea.

Shipping Operations Management I.D. Visvikis 2017-10-09 This book focuses on the management of ship operations, an activity that requires integrative knowledge and technical expertise that spans various disciplines. As such, ship operations personnel are expected to be well-versed with aspects of management, economics, engineering, technology and law. Further, ship operations management requires the ability to identify and neutralize threats and to manage risks and make decisions that will optimize costs and contribute to performance improvements. Despite the fundamental nature of ship operations management, no book has ever attempted to reconcile and compile a comprehensive body of knowledge, while pursuing a coherent, structured and systematic approach. This edited volume addresses that fundamental gap in the extant literature, and brings together a wealth of knowledge from experts in their respective fields. Concretely, it explores issues of organization, technical management, crewing and behavioral issues, chartering and post fixture, risk management, finance, legal aspects of international conventions and regulations, attainment of safety, security and marine insurance, as well as ocean governance and sustainability. As such, the book offers a vital reference guide for maritime companies

and organizations, while also serving as a teaching supplement in academic and professional maritime programmes.

The Business and Management of Ocean Cruises Michael Vogel 2012 After decades of solid growth, the worldwide ocean cruise sector has become a noticeable economic factor and a significant employer. In the way it combines social, technological and natural systems to form its products, cruise tourism is an increasingly attractive area of study; particularly with regards to the managerial challenges posed by the interaction of these systems. This book brings together industry know-how, managerial experience and academic rigour to cover some of the most important and interesting managerial challenges associated with ocean cruises.

Safety of Navigation Maritime and Coastguard Agency (Great Britain) 2014-03-31 The Safety of Navigation, implementing SOLAS - Chapter V has been prepared to help ship-owners, masters, crews and industry to understand and comply with the SOLAS Regulations and offers practical guidance on how they should be implemented. It is important that all parties fully understand the requirements of Chapter V and the associated documents and recognise their own specific responsibilities under each Regulation. Of all the international conventions dealing with maritime safety, the most important is the International Convention for the Safety of Life at Sea (SOLAS), which covers a wide range of measures designed to improve the safety of shipping. Substantial revisions to the fifth version of SOLAS came into force on 1 July 2002, with the new Regulations implemented under UK legislation by the Merchant Shipping (Safety of Navigation) Regulations 2002

The Due Diligence in Maritime Transportation in the Technological Era Víctor Hugo Chacón 2017-10-08 This book discusses the problem of sea carriers' liability, with a particular focus on role of the technologies that have been employed to support maritime transport in recent decades. It examines the Hague Rules, providing an overview of the precedent standard of liability, its historical development up until its application, and its construction at the current time. To do so, it presents two exemplary studies from English and American case law, and analyzes the situations in which the courts have required the application of new technologies as part of the duties set in the current governing liability regime. Written in

an easy-to-follow style, the book offers not only an unique overview of the applications of technologies in making ships both seaworthy and cargo-worthy, but also a practice-oriented guide to understanding and making decisions about sea carriers' liability. It is intended for law practitioners as well as advanced graduate students and researchers in the field of maritime shipping, transport and insurance law

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Interaction of society and science: prospects and problems 2021-04-20 Abstracts of XXII International
Scientific and Practical Conference