

MARINE ENVIRONMENT PROTECTION  
COMMITTEE  
82nd session  
Agenda item 16

MEPC 82/INF.30  
26 July 2024  
ENGLISH ONLY  
Pre-session public release:

## ANY OTHER BUSINESS

### Best practice industry publications released in 2023/2024 and relevant to the Marine Environment Protection Committee

Submitted by ICS

#### SUMMARY

*Executive summary:* This document informs of recently released and forthcoming relevant best practice guidance from 2023 and 2024 from the International Chamber of Shipping, including the *Engine Room Procedures Guide, Second Edition*; *Reducing Greenhouse Gas Emissions: A Guide to Regulatory Compliance*; and *Shipping and the Environment: A Guide to Environmental Compliance*.

*Strategic direction, if applicable:* Not applicable

*Output:* Not applicable

*Action to be taken:* Paragraph 53

*Related document:* FAL.6/Circ.14/Rev.1

#### General

1 This document is submitted in accordance with the provisions of paragraph 6.12.6 of the *Organization and method of work of the Maritime Safety Committee and the Marine Environment Protection Committee and their subsidiary bodies* (MSC-MEPC.1/Circ.5/Rev.5).

2 The International Chamber of Shipping notifies the Committee of the publication of several new and revised best practice publications that help shipping companies achieve regulatory compliance and support safe and environmentally responsible operations.

#### Underwater Radiated Noise Guide

3 The International Chamber of Shipping and BIMCO are expected to publish the *Underwater Radiated Noise Guide, First Edition* in Q4 2024. The guide raises awareness of the *IMO Revised guidelines for the reduction of underwater radiated noise from shipping to address adverse impacts on marine life* (MEPC.1/Circ.906).

4 It includes guidance on the sources of underwater noise, its impact on marine life, the scope of regional regulations and voluntary measures, the relationship between various energy efficiency measures and underwater noise, and includes an example noise management plan for shipping companies.

5 The guide is aimed at technical superintendents and ship's officers, to help them understand what underwater radiated noise is and how they can help reduce it.

### **Reducing Greenhouse Gas Emissions: A Guide to Regulatory Compliance**

6 The International Chamber of Shipping will publish *Reducing Greenhouse Gas Emissions: A Guide to Regulatory Compliance, Second Edition* in October 2024.

7 The guide incorporates the IMO regulatory framework, in particular the 2021 amendments to MARPOL Annex VI, plainly and in one place to help shipowners, operators and managers.

8 The second edition adds a new chapter on the European Union Emission Trading System (EU-ETS) and its relationship to the IMO regulatory framework.

9 The second edition updates and supersedes the ICS *Reducing Greenhouse Gas Emissions: A Guide to IMO Regulatory Compliance, First Edition*.

### **A Practical Guide to Shipboard Inspections**

10 The International Chamber of Shipping published *A Practical Guide to Shipboard Inspections, First Edition* in July 2024.

11 This new guide helps shipping companies implement a systematic approach to inspections, better comply with industry regulations and ensure their ships navigate the seas safely, on schedule and in a manner that protects the marine environment.

12 This first edition helps ship's officers, crews and superintendents prepare for all types of inspections and understand how they interlink - including flag state, port state control, class and masters' inspections. First-hand tips from inspectors and a range of checklists are provided to help ship's crew prepare for, conduct and close out inspections.

### **Guidelines on the Application of the IMO International Safety Management (ISM) Code**

13 The International Chamber of Shipping published *Guidelines on the Application of the IMO International Safety Management (ISM) Code, Sixth Edition* in May 2024.

14 The IMO International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM Code) is a key mandatory requirement for merchant ships, and the safety management system (SMS) is a critical mechanism for ensuring safe and environmentally responsible operations on board ships. ISM-related deficiencies are in the top three most-reported deficiencies by port state control authorities globally.

15 This guide helps shipping companies comply with the ISM Code and provides practical guidance for designated persons ashore and crew to develop, implement and maintain an effective, user-friendly safety management system.

16 The foreword highlights that the ISM Code is equally concerned about the environment, specifically pollution prevention.

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17 The sixth edition adds a brand new chapter on internal audits, and an enhanced toolkit of checklists and templates.

18 The sixth edition updates and supersedes the ICS *Guidelines on the Application of the IMO International Safety Management (ISM) Code, Fifth Edition*.

### **Shipping and the Environment: A Guide to Environmental Compliance**

19 The International Chamber of Shipping published *Shipping and the Environment: A Guide to Environmental Compliance, Fifth Edition* in April 2024.

20 The guide gives shipping companies and seafarers a comprehensive entry point into the vast range of regulatory and operational considerations designed to reduce shipping's environmental footprint.

21 The fifth edition includes guidance on the 2023 IMO Strategy on Reduction of GHG Emissions from Ships; AFS Convention; BWM Convention; BWMS Code; Code on noise levels on board ships; FAL Convention; IBC Code; IMDG Code; International Convention Relating to Intervention on the High Seas in Cases of Oil Pollution Casualties, 1969; ISM Code; MARPOL; International Convention on Oil Pollution Preparedness, Response and Co-operation; the Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines; Hong Kong Convention; SOLAS; STCW Code; the Agreement under the United Nations Convention on the Law of the Sea on the Conservation and Sustainable Use of Marine Biological Diversity of Areas beyond National Jurisdiction (BBNJ Agreement); and United Nations Convention on the Law of the Sea (UNCLOS).

22 It includes the most recent updates to MARPOL Annex VI, the introduction of the EU-ETS, and national regulations that affect global shipping.

23 Guidance on shipping company and shipboard best practices is also included, as is an overview of future developments such as alternative fuels, upcoming regulations, advances in ship design and technology, and digital transformation.

24 Checklists are included to help shipping companies ensure the safety management system is in line with current environmental requirements, and that all ships are operating in line with environmental regulations.

25 The fifth edition updates and supersedes the ICS *Shipping and the Environment: A Code of Practice, Fourth Edition*.

### **Engine Room Procedures Guide**

26 The International Chamber of Shipping published *Engine Room Procedures Guide, Second Edition* in March 2024.

27 The guide provides comprehensive guidance on engine room procedures, to ensure that ships' engine rooms are operated and managed safely while protecting the environment.

28 The *Engine Room Procedures Guide* is a companion to the ICS *Bridge Procedures Guide*, which is referenced in FAL.6/Circ.14/Rev.1.

29 The second edition includes the latest safe procedures for handling liquefied natural gas, operating under low loads, enclosed space entry, and preparing for port state inspections.

30 The International Chamber of Shipping will release two complementary e-learning courses to help companies implement new engine room procedures – on the topics of low-load operations, and preparing for inspections in the engine room – through the ICS Academy in Q4 2024.

31 The second edition updates and supersedes the ICS *Engine Room Procedures Guide, First Edition*.

### **Cyber Security Workbook for On Board Ship Use**

32 The International Chamber of Shipping, BIMCO and Witherbys published *Cyber Security Workbook for On Board Ship Use, 5th Edition 2024* in December 2023.

33 The workbook supports the owner, master and the ship's crew with cyber security risk management. It contains checklists to assist with the day-to-day management of onboard cyber security and facilitates collaboration between ships, onshore IT departments and equipment manufacturers.

34 The fifth edition updates and supersedes the *Cyber Security Workbook for On Board Ship Use, 4th Edition 2023*.

### **Tanker Safety Guide, Liquefied Gas**

35 The International Chamber of Shipping published *Tanker Safety Guide (Liquefied Gas), Fourth Edition* in October 2023.

36 The guide supports gas carrier operators to conduct safe and efficient operations.

37 The fourth edition has been fully updated to align with the IAPH/ICS/OCIMF *International Safety Guide for Oil Tankers and Terminals (ISGOTT 6)*. It contains new guidance on bunkering and simultaneous operations, and updated guidance on rollover, enclosed spaces, mooring and reliquifaction. The fourth edition also emphasizes the human element processes on board in line with guidance in *ISGOTT6*.

38 The fourth edition updates and supersedes the *Tanker Safety Guide (Liquefied Gas), Third Edition*.

### **The Master's Practical Guide to Maritime Law**

39 The International Chamber of Shipping and International Federation of Shipmasters' Associations (IFSMA) published *The Master's Practical Guide to Maritime Law* in October 2023.

40 The guide presents practical real-world scenarios commonly encountered by Masters, to help Masters know how to approach legal issues effectively, highlighting best practices, and providing advice on managing legal risks.

41 It empowers Masters to make informed decisions that uphold legal compliance while ensuring the safety of the crew, ship, environment and cargo, and discharging the Master's responsibilities towards both the shipowner and the charterer or cargo interest.

### **Ship Recycling Guide**

42 The International Chamber of Shipping published *Ship Recycling Guide, First Edition* in June 2023.

43 The guide is designed to equip shipowners and crew with the necessary knowledge to ensure a safe and sustainable recycling process when the ship reaches the end of its life. It covers everything from the development and maintenance of the inventory of hazardous materials (IHM) while the ship is in service, through to preparing the ship for recycling and the sale of the ship.

44 This book includes comprehensive guidance on the IMO Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (Hong Kong Convention) and explains the differences between the European Union Ship Recycling Regulation and the Hong Kong Convention, ensuring that companies are in compliance with the applicable law.

### **Guidelines on the IMO STCW Convention**

45 The International Chamber of Shipping published the *Guidelines on the IMO STCW Convention, Fourth Edition* in February 2023.

46 The International Chamber of Shipping guidelines set out the obligations for shipping companies of the IMO STCW Convention and includes guidance on how to ensure compliance on board.

47 The fourth edition integrates IMO regulations and guidance released since the last edition was published in 2011 and that affect training, including: the International Code of Safety for Ships using Gases or other Low-flashpoint Fuels (IGF Code); International Code for Ships Operating in Polar Waters (Polar Code); new requirements for familiarization training for crew on Ro-Ro Passenger Ships; changes to chapter V regarding tanker training; and updated guidance for crews operating dynamically positioned (DP) vessels.

48 The fourth edition supersedes and replaces the third edition, which was withdrawn from sale in December 2022.

### **Availability**

49 International Chamber of Shipping publications are available to buy as print and ebooks: <https://www.ics-shipping.org/publications>.

50 A print reference copy of every ICS publication is also available for IMO Members to read in the library of the IMO Maritime Knowledge Centre (MKC).

51 E-learning to complement guidance in ICS Publications will be available through the ICS Academy.

52 ICS Members can register to receive regular updates on ICS Publications, the ICS Academy, ICS news and events at <https://www.ics-shipping.org/sign-up/>.

### **Action requested of the Committee**

53 The Committee is invited to note the information provided.