

MARITIME SAFETY COMMITTEE  
103rd session  
Agenda item 20

MSC 103/INF.11  
2 March 2021  
ENGLISH ONLY  
Pre-session public release:

## ANY OTHER BUSINESS

### Best practice industry publications released in 2020/2021 and relevant to the Maritime Safety Committee

#### Submitted by ICS

#### SUMMARY

*Executive summary:* Informing of recent and forthcoming best practice guidance released in 2020 and 2021 from the International Chamber of Shipping, including *Tanker Safety Guide (Chemicals), Fifth Edition; Engine Room Procedures Guide, First Edition; Maritime Security: A Comprehensive Guide for Seafarers, Companies and Administrations, First Edition* and *Guide for Ship/Helicopter Operations, Sixth Edition*.

*Strategic direction, if applicable:* 6

*Outputs:* Not applicable

*Action to be taken:* Paragraph 44

*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.2).

2 The International Chamber of Shipping notifies MSC 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.

#### Engine Room Procedures Guide, First Edition

3 The International Chamber of Shipping *Engine Room Procedures Guide, First Edition* was published in July 2020.

4 The *Engine Room Procedures Guide* provides authoritative and comprehensive guidance on engine room procedures, to ensure that ships' engine rooms are operated and managed safely while protecting the environment.

5 Modelled on the globally recognized ICS *Bridge Procedures Guide*, the advice in this important new publication is relevant for all types of merchant ship, and will be an invaluable tool for Chief Engineers and other members of the engineering team, as well as shipping companies and training institutions. It is an essential reference tool which reinforces established best practice throughout the global industry.

6 It is recommended that a copy is carried on board every merchant ship.

7 The *Engine Room Procedures Guide* sets out routine engine room procedures and also includes useful checklists for the ship's engineering team. It provides clear guidance on safe and environmentally responsible engine room operation and maintenance, supporting internationally agreed standards and recommendations adopted by the International Maritime Organization (IMO).

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

### **Peril at Sea and Salvage: A Guide for Masters (Sixth Edition)**

9 The International Chamber of Shipping and Oil Companies International Marine Forum (OCIMF) joint publication *Peril at Sea and Salvage: A Guide for Masters, Sixth Edition* was published in October 2020.

10 The shipping industry has made great progress in the last twenty years in its goal to eliminate accidents, but the sea remains a challenging place to operate. When an emergency happens, the ship's Master takes responsibility for dealing with the situation, acting decisively to protect lives and prevent or minimize damage to the ship, environment and cargo.

11 *Peril at Sea and Salvage: A Guide for Masters* outlines the actions a Master should take when confronted with an emergency: from the initial assessment and immediate actions, through to towage or salvage arrangements, as may be necessary. It also explains the importance of prompt notification to relevant parties, particularly coastal States and the company. A section is included with recommendations for a company's shore-based personnel.

12 *Peril at Sea and Salvage* has been the standard reference for Masters to prepare for emergency situations for 40 years. Much has changed in the shipping industry in the 20 years since the last edition was published. Regulatory changes and improvements in technology, communication and processes mean that the Master can now expect more shore-based support throughout the emergency using various communications channels.

13 Rising standards and fewer incidents also mean that many seafarers may never have experienced a major emergency on board. This Guide provides clear guidance on best practices for the Master, but should also be read by anyone who might be involved in managing emergency situations on a ship, including shore-based personnel, emergency assistance service providers and training institutions.

14 This sixth edition replaces the ICS/OCIMF joint publication *Peril at Sea and Salvage: A Guide to Masters, Fifth Edition* (1998), which has now been withdrawn from sale.

15 The Guide is referenced in FAL.6/Circ.14/Rev.1.

### **Cyber Security Workbook for On Board Ship Use, Second Edition**

16 The BIMCO, International Chamber of Shipping and Witherbys joint publication *Cyber Security Workbook for On Board Ship Use, Second Edition* was published in October 2020.

17 In recent years, the shipping industry has undergone a digital revolution: internet connectivity on board has become common and ship's systems are increasingly digitised and integrated. With this growing level of connection, comes greater risk. Ships are now a common target for hackers worldwide and it has become crucial that the entire crew has an understanding of how and when cyberattacks can occur.

18 Using detailed, step by step checklists, *Cyber Security Workbook for On Board Ship Use* provides a ship's crew with the practical skills to identify cyber risks and to protect vulnerable onboard systems. It also gives guidance on how best to detect, respond and recover in the event of a cyberattack.

19 The second edition replaces the *Cyber Security Workbook for On Board Ship Use, First Edition*, which has now been withdrawn from sale.

### **Tanker Safety Guide (Chemicals), Fifth Edition**

20 The International Chamber of Shipping *Tanker Safety Guide (Chemicals), Fifth Edition* was published in January 2021.

21 The *Tanker Safety Guide (Chemicals)* is the standard reference work for chemical tankers. The Guide provides chemical tanker operators and crew with up-to-date best practice guidance for safe and pollution-free operations on ships regulated under MARPOL Annex II (*Regulations for the prevention of pollution by noxious liquid substances*). This includes oil tankers operating in accordance with Annex II when they are carrying chemical cargoes.

22 New in the fifth edition:

- .1 Expanded guidance on key safety issues including enclosed space entry, risk assessments and PPE.
- .2 New and improved ship/shore safety checklists, to help ship and terminal crew complete important safety checks efficiently.
- .3 Aligned with *ISGOTT: International Safety Guide for Oil Tankers and Terminals, Sixth Edition*.

23 The Guide should be carried on all chemical tankers and should be readily accessible by anyone involved in the carriage of chemicals on ships, including ship operators, cargo interests, training institutes and terminal operators.

24 The fifth edition replaces the ICS *Tanker Safety Guide (Chemicals), Fourth Edition* (2014) which has now been withdrawn from sale.

25 The Guide is referenced in FAL.6/Circ.14/Rev.1.

### **Maritime Security: A Comprehensive Guide for Seafarers, Companies and Administrations, First Edition**

26 The International Chamber of Shipping *Maritime Security: A Comprehensive Guide for Seafarers, Companies and Administrations, First Edition* will be published in March 2021.

27 Maritime security is a principal concern for the shipping industry and security threats present severe challenges to the entire global supply chain. In the years since SOLAS and the ISPS Code set out a dedicated statutory framework for the issue, a new security culture has

emerged in the industry, leading to increased understanding of the subject and the development of best practices to mitigate specific threats. However, these threats continually evolve and constant vigilance is required.

28 This book provides a comprehensive guide to maritime security. It sets out the security threats faced by the shipping industry today, the statutory requirements that ships, shipping companies and port facilities must meet, and provides guidance on how to conduct thorough threat and risk assessments for a voyage. A model ship security plan is also provided along with guidance on how to complete it in accordance with statutory requirements.

29 It will be particularly useful to ship and terminal operators, seafarers and administrations, but will provide a useful entry point to the subject for anyone with an interest in maintaining the security of global trade.

30 This first edition title replaces two previous ICS publications which have now been withdrawn from sale: *Maritime Security: Guidance for Ship Operators on the International Maritime Organization (IMO) International Ship and Port Facility Security (ISPS) Code (2003)* and *Model Ship Security Plan (2003)*.

### **Drug Trafficking and Drug Abuse On Board Ship: Guidelines for Owners and Masters on Preparation, Prevention, Protection and Response, Sixth Edition**

31 The International Chamber of Shipping and Witherbys joint publication *Drug Trafficking and Drug Abuse On Board Ship: Guidelines for Owners and Masters on Preparation, Prevention, Protection and Response, Sixth Edition* will be published in April 2021.

32 This publication provides guidance on how to combat drug trafficking at sea and to recognize the signs of drug use and dependence among crew members.

33 Considered the leading industry publication on the topic, this sixth edition has been fully updated by industry experts to assist shipping companies, Masters and officers, to help prepare, prevent, protect and know how to respond when faced with drug trafficking and drug abuse at sea.

34 Drug trafficking is undertaken by sea because of the opportunities presented for high volume movements from producing to consuming countries.

35 Commercial shipping, unfortunately, can unwittingly play a significant part in the transportation of illicit drugs to the places where they are consumed. The shipping industry therefore shares a collective responsibility to assist in combating this illegal traffic. This requires shipping companies, and ships' crews, to be constantly aware of the possibility that ships, and the cargo they carry, may be used as a cover for drug smuggling.

36 Drug abuse also presents a serious threat to ships' crews, compounded by the direct connection between intravenous drug use and its associated health risks. It also exposes crews to the wider consequences of being associated with serious criminal activity, a particular danger in those parts of the world where the strict rule of law cannot be taken for granted or where the death penalty for drug trafficking still applies.

37 The guidance contained in this publication demonstrates how to protect the ship and the crew and reduce the risk of drug trafficking occurring on board.

38 The sixth edition replaces the *Drug Trafficking and Drug Abuse On Board Ship, Fifth Edition* (2019), which has now been withdrawn from sale.

#### **Guide to Helicopter/Ship Operations, Fifth Edition**

39 The International Chamber of Shipping *Guide to Helicopter/Ship Operations, Fifth Edition* will be published in May 2021.

40 The Guide provides ship and helicopter operators and crew with the information they need to conduct ship/helicopter operations safely. It is an important interface document that helps the shipping and aviation industries understand how the other operates.

41 The fifth edition will replace the *Guide to Helicopter/Ship Operations, Fourth Edition* (2008), which will be withdrawn from sale in March.

42 The publication is referenced in FAL.6/Circ.14/Rev.1.

#### **Availability**

43 The publications are available for sale through the ICS website: <https://publications.ics-shipping.org/>.

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

44 The Committee is invited to note the information provided.

---