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SHIP/PORT INTERFACE

Availability of tug assistance

1 The Facilitation Committee at its thirtieth session (27 to 31 January 2003), the Maritime Safety Committee at its seventy-seventh session (28 May to 6 June 2003) and the Marine Environment Protection Committee at its forty-ninth session (14 to 18 July 2003), recognizing the importance of the provision of adequate tug assistance in ports for ensuring maritime and port safety, the protection of the marine environment and the facilitation of maritime traffic, approved the issuance of this circular to assist port authorities and port operators in assessing the adequacy of the tug services in their ports.

2 The annex to this circular, which contains a detailed list of the contents of the third edition of the publication 'Tug Use in Port – A Practical Guide',¹ provides guidance for conducting such an assessment. Presently this publication is only available in English.

3 Member States are invited to bring this circular to the attention of administrations, port authorities, port operators, pilot organizations and tug services.

¹ The publication (ISBN 978-1-904050-34-6) can be obtained from:

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ANNEX

LIST OF CONTENTS OF THE PUBLICATION 'TUG USE IN PORT – A PRACTICAL GUIDE' INCLUDING PORTS, PORT APPROACHES AND OFFSHORE TERMINALS

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Author's preface
Acknowledgements
Glossary of terms
Tug use in port: the overview

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- 1.1 Differences in tug design and assisting methods
- 1.2 Factors influencing tug type and tug assistance
- 1.3 Types of tug
- 1.4 Assisting methods
- 1.5 Conclusion

CHAPTER 2: TYPES OF HARBOUR TUG

Part A: Classification of tugs and operational design aspects

- 2.1 Classification of basic harbour tug types
- 2.2 Important general requirements for good tug performance

Part B: Basic tug types

- 2.3 Conventional types of tug
- 2.4 Combi-Tugs
- 2.5 Tractor tugs with cycloidal propellers
- 2.6 Tractor tugs with azimuth propellers
- 2.7 Reverse-tractor tugs
- 2.8 Japanese tug concept
- 2.9 Azimuth Stern Drive (ASD) tugs
- 2.10 Uni-lever system

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- 2.12 Z-tech tug
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- 2.14 Carrousel tug
- 2.15 DOT tug

Part D: FAST tug types

- 2.16 Introduction
- 2.17 SDM (Ship Docking Modules)
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- 2.21 Tugs handling LNG carriers. LNG terminal tugs
- 2.22 Eco-tugs
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- 3.1 Introduction
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- 6.4 Summary and conclusions
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- 7.3 Towing bitts, hooks and winches
- 7.4 Towline Safety Systems
- 7.5 Towlines
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- 7.8 Requirements for emergency towing equipment, escorting and pull-back
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- 8.1 Reasons for training
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- 8.3 How specific training courses can be given
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- 9.3 Developments in escorting
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- 10.2 Autonomous tugs
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 - Appendix 3: Stability Rules – Escort Tugs
 - Appendix 4: Standard Guide for Escort Vessel Evaluation and Selection
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