

The Nautical Institute

# Publications and Services 2024

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- Leadership Throughout
- Managing Collision Avoidance at Sea
- Mooring and Anchoring Ships Volume 1: Principles and Practices
- Mooring and Anchoring Ships Volume 2: Inspection and Maintenance
- A Nautical Odyssey
- The Naval Handbook for Ship Firefighters
- The Naval Handbook for Survivors
- The Naval Handbook for Sailmakers
- From Paper charts to ECDIS
- The Shipping Industry and Marine Spatial Planning: A professional approach
- The Use of Visual Aids to Navigation



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The Nautical Institute is the world's leading professional organisation for those involved in the maritime sector, both at sea and ashore. With more than 10,000 members around the world, working in every sector from the deck to the regulatory and legislative, we have a depth and breadth of knowledge that is unparalleled in the industry.

This expertise allows us to produce practical guides to best practice, based on real life experience and a deep understanding of what really matters. Robust peer review and input from experts helps ensure our books remain current and many are recognised as industry standards. Publications range from our popular free magazine *The Navigator*, offering an attractive and accessible guide to the essentials of seafaring, to handbooks for the new and aspiring Master, to specialist publications for those navigating in ice, managing ship design, carrying out audits and more. This guide gives an overview of what we offer – to find out more, and to see the full range of titles, visit [www.nautinst.org/shop-listing.html](http://www.nautinst.org/shop-listing.html)

“

**THROUGHOUT MY CAREER, MEMBERSHIP OF THE NAUTICAL INSTITUTE HAS ALLOWED ME ACCESS TO AN EXCEPTIONAL NETWORK OF KNOWLEDGE, PROFESSIONAL DEVELOPMENT AND INFLUENCE**

”

Captain Robert McCabe FNI

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The Nautical Institute's books are or technical practical guides on best practice. Robust peer review and input from experts ensures our books remain current and many are recognised as industry and military standards.

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## NAVIGATION AND BRIDGE MANAGEMENT



### COMING SOON

## Bridge Resource Management

### Volume 1: The human element

How did one female officer's appreciation of movie night etiquette help her to build a solid, focused team? Can trust in cutting-edge technology put seafarers at risk? And why might a silent crew member be the one you need to listen to the most? All such themes are explored in *Bridge Resource Management Volume 1: The human element*, which moves beyond charts and passage planning to explore human factors, from situational awareness to group dynamics, that help bridge teams run a vessel safely and effectively. Featuring contributions from multiple experts in maritime human factors, this is your 'field manual' for managing and supporting a happier, healthier and smarter bridge team.

Published: **2024** Price: **£TBC** Member's price: **£TBC**  
ISBN: **978 1 915488 44 2** Ref: **0407**

**e Ebook available**  
ISBN: **978 1 915488 45 9** Ref: **0407e**



## The Nautical Institute on Command

### Third edition

Various authors

*The Nautical Institute on Command* is one of the Institute's flagship publications. It distils the best advice available for aspiring officers, new Masters and experienced Masters.

A series of short, practical articles with a focus on day-to-day management guides the transition from chief officer to Master and will serve as reference for years to come. The book leads readers through the basics of command, including legislation, operations and personnel management, relationships with stakeholders, and developing vital soft skills.

Published: **2015** Price: **£78** Member's price: **£54.60**  
ISBN: **978 1 906915 21 6** Ref: **0357**

**e Ebook available**  
ISBN: **978 1 906915 85 8** Ref: **0357e**



## Bridge Watchkeeping

### Third edition

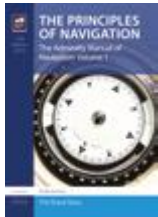
Captain Mark Bull FNI

A completely revised and practical manual that gives advice on how to avoid potential pitfalls, including comparing and combining sources of information rather than relying on a single one. Captain Yves Vandeborn FNI, Director of Loss Prevention at the Standard Club, says in his foreword that many accidents 'could have been prevented if the bridge teams had embraced the best practices set out in this book.'

Published: **2021** Price: **£71** Member's price: **£49.70**  
ISBN: **978 1 906915 92 6** Ref: **0402**

**e Ebook available**  
ISBN: **978 1 906915 94 0** Ref: **0402e**

Members receive a 30% discount on all publications



**The Principles of Navigation:  
The Admiralty Manual of  
Navigation Volume 1**  
Eleventh edition

**The Royal Navy**

This comprehensive reference lays the foundation for safe and effective navigation at sea, including ocean and coastal passages, pilotage and anchoring. The fundamental principles of navigation developed over centuries of experience in the Royal Navy have been applied to the ECDIS era so that this new edition is 'digital by default'. The manual also contains essential guidance on techniques for navigating with traditional paper charts and for the operation of ships when GPS is not available.

Published: **2019** Price: **£176** Member's price: **£123.20**  
ISBN: **978 1 906915 64 3** Ref: **0382**



**Ebook available**

ISBN: **978 1 915488 17 6** Ref: **0382e**



**Astro Navigation:  
The Admiralty Manual of  
Navigation Volume 2**  
Eleventh edition

**The Royal Navy**

This edition of the classic guide to celestial navigation has been redesigned for clarity and contains guidance on using UKHO/Nautical Almanac Office's NavPac v4 software for astro navigation, including full-colour screenshots. With NavPac, a modicum of skill with a sextant and the appropriate chapter from the book, anyone can do astro.

Published: **2018** Price: **£176** Member's price: **£123.20**  
ISBN **978 1 906915 58 2** Ref: **0377**



**Ebook available**

ISBN: **978 1 915488 18 3** Ref: **0377e**

**Purchase as a set for £326**

Member's price: **£217** ISBN: **978 1 906915 65 0** Ref: **0383**



**Bridge Team Management:  
A practical guide**  
Second edition

**Captains A J Swift FNI and T J Bailey FNI**

This industry standard for passage planning reinforces the message that effective planning, good leadership, teamwork and sound navigational practice ensure a safe and timely arrival in port.

The book offers solid practical guidance on navigating in coastal and estuarial waters. Proper emphasis is placed on the importance of clear communication and on creating a supportive professional relationship between the bridge team and the pilot.

Published: **2004** Price: **£83** Member's price: **£58.10**  
ISBN: **978 1 870077 66 8** Ref: **0091**



**Ebook available**

ISBN: **978 1 915488 11 4** Ref: **0091e**



**Navigation Assessments:  
A guide to best practice**

**Captain Harry Gale FNI**

This handbook provides a step-by-step guide that enables assessors to carry out fair, objective and positive navigation assessments, properly taking into account human element issues. Case studies of maritime accidents and incidents provide valuable learning points.

The book also helps mariners understand the assessment process. If properly conducted, assessments provide insights that contribute to navigators' continuing professional development.

Published: **2016** Price: **£66** Member's price: **£46.20**  
ISBN: **978 1 906915 51 3** Ref: **0366**



**Ebook available**

ISBN: **978 1 906915 87 2** Ref: **0366e**



**Numerical Weather Prediction  
A practical guide for mariners**

**Huw Davies MSc MA MBA FinstLM**

Numerical weather prediction (NWP) has significantly improved the accuracy of weather forecasts and enabled the development of services specifically for mariners, including routing advice and forecasts as ECDIS overlays. This practical guide opens up the technology that now forms the basis of all modern weather forecasts so that mariners can recognise when they are being presented with NWP, establish its source and the characteristics and performance of the particular NWP model, and make informed judgements on suitability and use.

Published: **2013** Price: **£66** Member's price: **£46.20**  
ISBN: **978 1 906915 40 7** Ref: **0347**



**Alert!**

**Editor: Commodore David Squire  
CBE MNM FNI FCMI with expert  
advice from Dr Jonathan Earthy  
of The Lloyd's Register (LR)**

Alert! is a Nautical Institute project, sponsored by The Lloyd's Register Foundation, that aims to improve awareness of the human element in the maritime industry. Since the project began in 2003, 40 issues of the award-winning Alert! international human element bulletin have been produced, with 2.5 million copies distributed worldwide. The project continues to serve the maritime industry as a valuable resource for all to use and it is available at

[www.nautinst.org/technical-resources/he-alert.html](http://www.nautinst.org/technical-resources/he-alert.html)

Members receive a 30% discount on all publications



## Human Performance and Limitation for Mariners

Various authors

A system of examinations for aviation pilots in human performance and limitation has produced great advances in safety for that sector. This book introduces the concept to seafarers so that they can understand their own limitations and make the best use of their physical and mental abilities in the challenging shipboard environment. This book looks at the realities of living and working on board and explains how recognising human limitations can improve performance, safety and job satisfaction.

Published: **2015** Price: **£71** Member's price: **£49.70**  
 ISBN: **978 1 906915 34 6** Ref: **0362**



**Ebook available**

ISBN: **978 1 915488 22 0** Ref: **0362e**



## Mentoring at Sea: The 10-minute challenge goes on

Second edition

Captain André L Le Goubin MNM MA FNI

In this updated and expanded guide to mentoring at sea, Captain Le Goubin explains how knowledge gained through experience and reflected upon can be passed on in an informal but purposeful way. He builds on his 10-minute challenge, introduced in the first edition of this book, to help potential mentors and mentees identify concerns and explore practical solutions. The guide also looks at overcoming barriers to mentoring, building a mentoring culture onboard today's ships and how shore-based staff can support mentoring at sea.

Published: **2024** Price: **£71** Member's price: **£49.70**  
 ISBN: **978 1 915488 42 8** Ref: **0415**



**Ebook available**

ISBN: **978 1 915488 07 7** Ref: **0415e**



## Improving Ship Operational Design

Second edition

Various authors

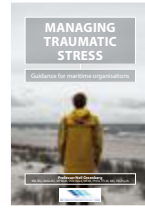
Bad ship design can kill people. It can also make working on board difficult and resting on board impossible. Good design can make maritime operations safer and more effective. This book aims to give both new and experienced naval architects and ship designers an insight into how seafarers work and live on the ships they design and how their daily lives could be improved by focusing on human-centred design. Practical articles on ship types and the operational requirements of personnel, illustrated by case studies, form the core of the book.

Published: **2015** Price: **£78** Member's price: **£54.60**  
 ISBN: **978 1 906915 28 5** Ref: **0360**



**Ebook available**

ISBN: **978 1 915488 23 7** Ref: **0360e**



## Managing Traumatic Stress

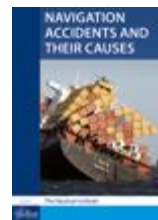
Guidance for Maritime Organisations

Professor Neil Greenberg BM BSc MMedSc MFMLM DOccMed FHEA FFLM MD FRCPsych

Produced in partnership with Human Rights at Sea and psychological health consultancy March on Stress, this booklet provides top-level guidance for senior management to help improve the mental health of seafarers. The booklet is of particular value to ship managers/operators, HR departments and all involved with seafarers' welfare around the world.

Untreated post-traumatic stress disorder can lead to poor decision making and may have legal and financial consequences for a maritime organisation. This concise guidance stresses the importance of early detection and prevention of mental health issues at sea. The booklet is essential reading for all responsible maritime organisations in supporting their most important asset – their people.

Published: **2016** Download for **free** from The Nautical Institute's website at [www.nautinst.org/technical-resources/book-supplements/managing-traumatic-stress.html](http://www.nautinst.org/technical-resources/book-supplements/managing-traumatic-stress.html)  
 ISBN: **978 1 906915 36 0** Ref: **0365**



## Navigation Accidents and their Causes

Various authors

*Navigation Accidents and their Causes* looks at major casualties to illustrate the lessons that can be learned. The book sets out practical ways for those on the bridge to consider risks, plan for them and then take action to avoid them.

The authors are drawn from accident investigators, Masters, navigation specialists, pilots and university lecturers from all over the world. They detail the need for risk assessment in advance of a voyage, including bridge resource management and passage planning. Situational awareness is highlighted throughout.

Each chapter can be read individually, forming a valuable onboard resource. The overall message is that everyone can learn from the mistakes of others and everyone has a part to play in ensuring that training and experience are used effectively to keep vessels safe.

Former IMO Secretary-General Koji Sekimizu states in the foreword: 'This timely publication from The Nautical Institute should provide a crucial guide for every mariner serving at sea and serve to assist in reducing collisions and groundings.'

Published: **2015** Price: **£78** Member's price: **£54.60**  
 ISBN: **978 1 906915 32 2** Ref: **0361**



**Ebook available**

ISBN: **978 1 906915 97 1** Ref: **0361e**



## Casualty Management Guidelines

**In association with the International Salvage Union**

Casualties are not straightforward and mariners who find themselves involved rarely have previous experience. These comprehensive practical guidelines help seafarers deal with a casualty incident, when demands can be confusing, contradictory, unclear or a combination of all three. Chapters are set out in broadly chronological order of how Masters should expect to deal with different people, from owners to government officials, insurance representatives and salvage experts.

Published: **2012** Price: **£66** Member's price: **£46.20**  
ISBN: **978 1 906915 39 1** Ref: **0336**



**Ebook available**  
ISBN: **978 1 906915 79 7** Ref: **0336e**

**Purchase as a set for £127**

Member's price: **£88.90** ISBN: **978 1 906915 50 6** Ref: **0363**

## Guidelines for Collecting Maritime Evidence Volume 1

**Various authors**

*Guidelines for Collecting Maritime Evidence* provides broad answers to two questions. First, how should a Master react after an incident? Second, how can the Master, crew and management ashore be ready to produce the evidence required and protect it from disclosure in case of future dispute?

This book provides practical guidance on the range of individuals and organisations looking for evidence, what they need and how that evidence will be used. A state safety investigator, Master, insurers, surveyor, lawyer and arbitrator each describe evidence collection from their own point of view.

Book published: **2017** Price: **£66** Member's price: **£46.20**  
ISBN : **978 1 906915 54 4** Ref: **0390**



**Ebook available**  
ISBN: **978 1 906915 83 4** Ref: **0390e**

## Guidelines for Collecting Maritime Evidence Volume 2

**Various authors**

This second volume in the *Guidelines for Collecting Maritime Evidence* series focuses on electronic evidence – what it is, how to preserve and collect it, and how it can be used to understand the circumstances that led to a maritime incident.

The book's contributors are drawn from a wide range of disciplines. In this volume, they also discuss the roles of the average adjuster and the mariner lawyer, cover evidence collection from the P&I perspective and that of the naval architect, considering subjects as diverse as fire, deterioration of agricultural cargoes, machinery failure and surveying.

Book published: **2019** Price: **£66** Member's price: **£46.20**  
ISBN: **978 1 906915 70 4** Ref: **0388**



**Ebook available**  
ISBN: **978 1 906915 84 1** Ref: **0388e**

**Purchase as a set for £122**

Member's price: **£84.50** ISBN: **978 1 906915 73 5** Ref: **0389**

## Guidelines for the Maritime Expert Witness

A useful guide for those involved in maritime commercial litigation. It covers the role of the expert witness, legal systems, retaining the expert, qualifications, duties and responsibilities, collecting and recording evidence, preparing reports, case progression and appearance in court.

Published: **2022** Price: **£66** Member's price: **£46.20**  
ISBN: **978 1 906915 90 2** Ref: **0403**



**Ebook available**  
ISBN: **978 1 915488 10 7** Ref: **0403e**



**Purchase as a set with Guidelines for Collecting Maritime Evidence Vol 1 & Vol 2 for just £160**

Member's price: **£112** ISBN: **978 1 906915 93 3** Ref: **0404**

## MARITIME SECURITY



**NEW EDITION**

### Maritime Security: A practical guide for mariners

**Steven Jones MA MSc BSc (Hons) AFNI FRSA**

This 'go-to' guide informs, prepares and protects the mariner from a wide range of scenarios and risks facing the shipping industry today. The guide deals with the topics and issues most relevant to those in control of seagoing craft, including: the maritime security domain; migration at sea and stowaways; piracy; crime at sea; cybersecurity; training and drills; requirements of the ISPS Code; and many others. Whether you are working on ship or ashore, *Maritime Security: A practical guide for mariners*, is a much-needed handy compendium – easy to follow and easily understood with practical advice, actionable strategies and helpful guidance provided throughout.

Published: **2024** Price: **£125** Member's price: **£87.50**  
ISBN: **978 1 915488 01 5** Ref: **0413**



**Ebook available**  
ISBN: **978 1 915488 06 0** Ref: **0413e**



### Coping with Piracy: Maritime Security handbook

**Steven Jones MSc BSc (Hons) MNI**

The first handbook in The Nautical Institute's Maritime Security series complements the author's 2012 book *Maritime Security: A practical guide for mariners*. This handbook takes the same

practical approach to preparation and training before entering a high-risk area, self-protection measures while within it and survival strategies if taken hostage. The book includes guidance on the effective implementation of the industry's best management practices, the onboard implications of taking on armed guards, building a disciplined and supportive onboard team and ensuring immediate action ashore should the worst happen.

Published: **2013** Price: **£56** Member's price: **£39.20**  
ISBN: **978 1 906915 46 9** Ref: **0342**

**e Ebook available**  
ISBN: **978 1 906915 96 4** Ref: **0342e**



### Stowaways by Sea and Rescue of Migrants: Maritime Security Handbook

Second edition

**Steven Jones MSc BSc (Hons) MNI**

This practical guide covers the security basics of preventing illegal boarding, along with

safe ways of apprehending, searching, recording, reporting and accommodating stowaways found on board. Case studies explain migrant smugglers' tactics and highlight lessons to be learned from particular stowaway incidents.

Rescue of migrants has developed into a major challenge for shipping, especially in the Mediterranean, so this section has been enlarged and updated for this second edition.

Published: **2020** Price: **£56** Member's price: **£39.20**  
ISBN: **978 1 906915 69 8** Ref: **0393**

**e Ebook available**  
ISBN: **978 1 906915 82 7** Ref: **0393e**

## MARITIME EDUCATION AND TRAINING



**NEW EDITION**

### The Shipmaster's Business Self-Examiner 2024

Eleventh edition

**Malcolm Maclachlan FNI**

This 11th edition retains the familiar question-and-answer format of its predecessors and has

been redesigned to provide a much-improved user experience. Navigation through the complexities of the Master's duties has been eased by splitting the subject into 114 topics.

The reorganisation of the material enhances the 11th edition's value as a reference for the newly qualified Master and for all who have decision-making responsibilities at sea and onshore.

Published: **2024** Price: **£138** Member's price: **£96.90**  
ISBN: **978 1 906915 75 9** Ref: **0399**

**e Ebook available**  
ISBN: **978 1 915488 76 3** Ref: **0399e**



**NEW EDITION**

### A Simulation Instructor's Handbook: A practical guide

Second edition

**Jillian Carson-Jackson MEd FNI FRIN**

This handbook has been developed after years of simulator training experience and discussion

with simulation instructors. Simulation is a valuable resource, and it is used increasingly in training, but what about training the trainer? Specialised training on integrating simulators into teaching is not always available. The book is a resource for instructors, or those aspiring to be instructors, who are expected to design and implement simulation training and who may lack information on how to achieve this. The handbook will promote discussion and further development for simulation instructor training.

Published: **2024** Price: **£66** Member's price: **£46.20**  
ISBN: **978 1 915488 43 5** Ref: **0414**

**e Ebook available**  
ISBN: **978 1 915488 09 1** Ref: **0414e**

Members receive a 30% discount on all publications



# SEAMANSHIP

## Launch and Recovery of Boats from Ships

Dag Pike FRIN FIMarEST AFNI AFRMetS

Launching, operating and recovering small boats are activities outside the expertise of most crew and can require considerable skill and seamanship. For safety reasons, a practice drill is unlikely to provide a realistic simulation of an emergency situation.

This book demonstrates good practice when carrying out these operations and explains the techniques and systems that can improve manoeuvres.

Published: **2018** Price: **£44** Member's price: **£30.80**  
ISBN: **978 1 915488 24 4** Ref: **0376**

**e** Ebook available  
ISBN: **978 1 915488 24 4** Ref: **0376e**

## Driving Lifeboats and Rescue Boats

Dag Pike FRIN FIMarEST AFNI FRMetS

Taking to the boats, getting away from a stricken vessel and safely negotiating the open sea until rescued is one of the most demanding tasks a seafarer may have to face. This book provides potentially lifesaving insights into the realities of handling a lifeboat, MOB boat or fast rescue boat in all conditions.

Published: **2019** Price: **£44** Member's price: **£30.80**  
ISBN: **978 1 906915 66 7** Ref: **0384**

**e** Ebook available  
ISBN: **978 1 915488 19 0** Ref: **0384e**



**Purchase as a set for £71**

Member's price: **£49.70** ISBN: **978 1 906915 72 8** Ref: **0387**



**NEW EDITION**

## The Admiralty Manual of Seamanship

Thirteenth edition

The Royal Navy

This collaboration between the Royal Navy and The Nautical Institute contains a wealth of experience. The fundamental principles of good seamanship are unchanging, whatever technology is introduced. The book is relevant to merchant and naval training schools and those in pursuit of STCW qualifications. It is closely aligned with the UK's Maritime and Coastguard Agency (MCA) examination syllabuses and is used by the MCA as a standard reference.

Published: **2023** Price: **£176** Member's price: **£123**  
ISBN: **978 1 906915 74 2** Ref: **0400**

**e** Ebook available  
ISBN: **978 1 915488 41 1** Ref: **0400e**

# SHIPHANDLING AND VESSEL OPERATIONS



**NEW EDITION**

## Bulk Carrier Practice

Third edition

Captain Jack Isbester ExC FNI MCMS  
Revised by Captain Hemant Gupta FNI

The third edition of our bestseller, *Bulk Carrier Practice*, provides definitive, practical guidance on every aspect of bulk carrier operations.

Thoroughly updated following the second edition published in 2010, this 'go-to' source of knowledge is essential reading for anyone working on or with bulk carriers.

Published: **2023** Price: **£215** Member's price: **£150.50**  
ISBN: **978 1 915488 00 8** Ref: **0410**

**e** Ebook available  
ISBN: **978 1 915488 04 6** Ref: **0410e**

Members receive a 30% discount on all publications



## A Guide to Bulk Carrier Operations

Various authors

Bulk carriers and their crews are subject to significant risks from cargoes that can catch fire, explode, corrode holds or simply deteriorate. This highly practical guide draws on the expertise of more than 20 contributing authors, taking the reader through the essentials for a safe and successful voyage, from preparation and loading, to care of cargo and ship at sea, and arrival and discharge.

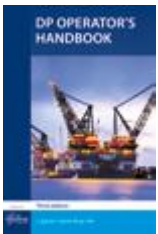
Subjects covered include strength and stability, hatch cover care, enclosed spaces, charterparties, legislation, draught surveys, deballasting, monitoring hazardous cargoes, spontaneous combustion, fumigation, coal fires, liquefaction and oxygen-depletion, safe mooring and access, ship–shore communication and ship/shore damage.

Published: **2020** Price: **£78** Member's price: **£54.60**  
ISBN: **978 1 906915 89 6** Ref: **0397e**



**Ebook available**

ISBN: **978 1 906915 89 6** Ref: **0397e**



## DP Operator's Handbook

Third edition

Captain David Bray FNI

Dynamic positioning is a highly effective tool for precision control of vessels, and its use has spread well beyond the offshore oil and gas sector.

Increasingly, DP capability is found on dredgers, cruise ships, superyachts and vessels involved in renewable energy projects.

In this third edition the content has been revised to take account of advances in technology and its application aboard DP-equipped vessels. It is a practical guide for serving and trainee DPOs and trainers, so concentrates on operational functions, setting up and testing equipment, bridge management and communications.

Published: **2019** Price: **£78** Member's price: **£54.60**  
ISBN: **978 1 906915 76 6** Ref: **0392**



**Ebook available**

ISBN: **978 1 906915 86 5** Ref: **0392e**



## Shiphandling Logbook

This logbook allows mariners to record and reflect on the shiphandling manoeuvres they carry out, either on board or on simulators. For each activity, the mariner assesses and describes the manoeuvre, noting details such as wind and current, pivot point, propulsion and rudder. These details build over time into a comprehensive resource that highlights progress, learning points and gaps in experience that need to be filled. For the aspiring mariner, this logbook also acts as valuable proof of professional development to senior officers, shipping company, flag state and insurers. The logbook can be used by mariners at all levels working aboard ships in any trade.

Published: **2018** Price: **£49** Member's price: **£34.30**  
ISBN: **978 1 906915 63 6** Ref: **0381**

## Polar Ship Operations: A Practical Guide

Second edition

Captain Duke Snider FNI

Operating ships within any ice regime requires knowledge, skills and awareness beyond those possessed by most mariners. Written by a respected Arctic shipping expert with extensive operational experience, this book provides practical advice on conditions, awareness and preparations for transits in polar waters. This edition takes account of IMO's Polar Code, which entered into force on 1 January 2017, and also Arctic Council agreements on SAR and marine pollution.

*Polar Ship Operations* is an indispensable companion for any mariner contemplating sailing in ice-affected waters.

Published: **2018** Price: **£71** Member's price: **£49.70**  
ISBN **978 1 906915 56 8** Ref **0374**



**Ebook available**

ISBN: **978 1 906915 99 8** Ref: **0374e**

**Spanish version coming soon**

## Handling Ships in First-Year Ice

Second edition

Johan Buyse MM MSc MNI

First-year ice remains a major obstacle for commercial traffic, limiting vessels' speed and manoeuvrability. Because ice can damage ships' propellers, main engines, rudders and hull plating, handling ships in such conditions demands specialist knowledge and skills. The author uses his wide experience of operating ice class vessels to offer practical guidance on shiphandling in first-year ice.

This new edition takes account of the Polar Code, heavier traffic in ice-affected waters, better communications and new ice-detection methods, while improved illustrations provide clearer guidance on manoeuvres in ice.

Published: **2018** Price: **£71** Member's price: **£49.70**  
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## SPECIAL INTEREST



### **The Work of the Harbour Master**

Third edition

**In association with the International Harbour Masters' Association**

The book is linked to The Nautical Institute's self-study scheme leading to a Harbour Master's Certificate. It explains how responsibilities vary between ports and, based on the experience of harbour masters from different types of ports all over the world, gives examples of what new entrants to the industry may encounter. Different aspects of the role are examined, largely following the course of a vessel as it approaches port until it berths, including the commercial pressures that may be brought to bear. It is an ideal bridging course for those thinking of a career move ashore.

Published: **2012** Price: **£71** Member's price: **£49.70**  
ISBN: **978 1 906915 02 5** Ref: **0332**



### **Fifty Years of The Nautical Institute**

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a truly appropriate feature!

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ISBN: **978 1 906915 99 5** Ref: **0405**



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ISBN: **978 1 915488 20 6** Ref: **0405e**

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# THE NAUTICAL INSTITUTE ACADEMY

Take your career to the next level

The Nautical Institute Academy's courses and self-study programmes include a wide range of current and important maritime-related topics. They are designed to ensure that organisations and individuals receive essential in-depth knowledge to be able to operate competently and effectively. Courses are taught in small groups and take place both online and at locations around the world.



## Courses

### Navigation, Mooring and Cargo Assessor – Internal and External Assessor

The Navigation, Mooring and Cargo Assessors course offers candidates a chance to learn three different areas of assessment. The course fully equips participants with the skills, knowledge and techniques required to successfully complete an assessment of a seafarer completing operational tasks in their specific area on board. Split into two parts, the internal Navigation, Cargo and Mooring Assessor phase is primarily aimed at candidates who are completing internal assessments. The External phase (formerly Part B) is aimed at candidates who wish to complete both internal and external (those on board a third-party vessel) assessments.

### Behavioural Competency Assessor

Providing industry guidance on competency assessment, this course is aimed at people conducting behavioural competency-based assessments of seafarers on board vessels. This course equips participants with the skills, knowledge and techniques to successfully complete a behavioural assessment.

### Designated Person(s) Ashore

This course provides participants with the knowledge, understanding and skills necessary to implement and maintain a company's SMS in the role of DPA as required by the ISM Code.

### Introduction to Shipping

Giving newcomers to the maritime industry an overview and understanding of the varying aspects of the maritime industry and how they interact.

### ISM Lead Auditor (including ISPS and MLC)

An intensive 20-hour course, designed to give participants the expertise and understanding required to conduct a full audit of an organisation's management systems in the role of Lead Auditor. The course is based on ISM/ISPS/MLC Code auditing requirements.

### Leadership and Management – Maritime Operations

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The course equips both crew on board and shore-based personnel with greater knowledge and understanding of how to prepare for an inspection.

### **Navigating Psychological Safety Onboard**

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### **S.I.R.E 2.0 and Human Factors**

Familiarising industry personnel with vetting and the new SIRE 2.0 inspection regime. This course helps participants to identify the key changes and newly adopted approach to the inspection process. Particular emphasis is placed on understanding the human element components.

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### **The Harbour Master Scheme**

The work of a harbour master covers many disciplines. The scheme aims to give candidates the skills, knowledge and understanding required to fulfill the role of a Harbourmaster. The scheme covers various aspects including regulatory, management, financial, planning and development, customer and commercial relations and human resource management.

### **The International Sail Endorsement Scheme**

The Nautical Institute Academy, in collaboration with Sail Train International have developed an International Sail Endorsement Scheme (ISES) that enables both square rig and fore-and-aft sailors to complete practical tasks and acquire new knowledge before being assessed and endorsed.

### **Company Specific and Bespoke Courses**

The Nautical Institute Academy offers a wide variety of company specific and bespoke courses designed and tailored to specific needs. For more information on how we can assist you, email us on [courses@nautinst.org](mailto:courses@nautinst.org)

[www.nautinst.org/courses](http://www.nautinst.org/courses)

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**The Harbour Master Scheme**

**The Command Diploma Scheme**

**The International Sail Endorsement Scheme**

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# MERCHANDISE



Drawing on our rich heritage, The Nautical Institute's online shop invites you to join our community in style. The collection features pure silk ties, enamel cufflinks and gold-foiled notebooks detailed with the traditional armillary sphere. To see the full range or to place an order visit: [www.nautinst.org/shop](http://www.nautinst.org/shop)

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