

The Nautical Institute

Publications and Services 2023

For details see www.nautinst.org



A-Z of subjects and publications

The Admiralty Manual of Navigation Vol 1: The Principles of Navigation	4	Improving Ship Operational Design.....	10
The Admiralty Manual of Navigation Vol 2: Astro Navigation	4	Launch and Recovery of Boats from Ships	9
The Admiralty Manual of Seamanship	9	Managing Traumatic Stress Guidance for Maritime Organisations.....	6
Bridge Watchkeeping	5	Maritime Security: A practical guide	7
Bridge Team Management.....	5	Maritime Security Handbook: Coping with Piracy.....	7
Bulk Carrier Practice	9	Maritime Security Handbook: Stowaways by Sea and Rescue of Migrants	8
Casualty Management Guidelines.....	6	Mentoring at Sea	5
DP Operator's Handbook	10	The Nautical Institute on Command	4
Driving Lifeboats and Rescue Boats.....	9	Navigation Accidents and their Causes.....	6
A Guide to Bulk Carrier Operations	9	Navigation Assessments A guide to best practice.....	5
Guidelines for Collecting Maritime Evidence volume 1	6	Numerical Weather Prediction A practical guide for mariners	10
Guidelines for Collecting Maritime Evidence volume 2.....	7	Polar Ship Operations – a practical guide	10
Guidelines for the Maritime Expert Witness.....	7	Shiphandling Logbook	5
Handling Ships in First-Year Ice.....	10	The Shipmaster's Business Self-Examiner....	8
Human Performance and Limitation for Mariners	5	The Work of the Harbour Master	9

The following books are older titles and no longer featured in this catalogue but are still available on the website

Leadership Throughout
Managing Collision Avoidance at Sea
From Paper charts to ECDIS
Integrated Bridge System Vol 2: ECDIS
and Positioning
Mooring and Anchoring Ships Vol 2
Inspection and Maintenance
The Naval Handbook for Ship Firefighters
The Naval Handbook for Survivors
The Naval Handbook for Sailmakers
A Nautical Odyssey
A Simulation Instructor's Handbook
The Shipping Industry and Marine Spatial
Planning: a professional approach
The Use of Visual Aids to Navigation

For information about courses and schemes please visit the NI academy at <https://www.nautinst.org/ni-academy.html>



 ebooks available – see website for details

order online: www.nautinst.org/shop

A WORLD OF EXPERTISE

20,000

Over 20,000 registrants a year attended live NI webinars on a wide range of technical subjects, and many more watched the recordings

8,000

maritime professionals benefitting from community support and upskilling, worldwide – and providing their own input into industry development

6,206

applications for new or renewed DP certificates

500

Our members now have free access to over 500 Skillshub courses

The Nautical Institute is the world's leading professional organisation for those involved in the maritime sector, both at sea and ashore. With over 8,000 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

“

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

55 branches

The NI has branches across the world with local expertise and understanding in every maritime sector

NI BOOKSHOP

Nautical Institute books are practical guides on best practice. Robust peer review and input from experts helps ensure our books remain current and many are recognised as industry and military standards.

THE BENEFITS OF MEMBERSHIP

We have a membership type to suit everyone. Find out what Nautical Institute membership can do for you. The Nautical Institute is a thriving

membership organisation, open to all those with a professional interest in the control of sea-going ships and other maritime matters. Join us in a winning partnership and receive a **30% discount** on all NI titles.

DISCOUNTS

In addition to the discount offered to NI members, we offer the same 30% discount to other organisations that share our goal of better standards

across the maritime industry. If you are a member of the following organisations you can buy one of our books at the NI membership price:

- IFSMA
- IMarEST
- IMEC
- RINA
- Green Awards.

To find out more and to see the full range of NI titles, go to:

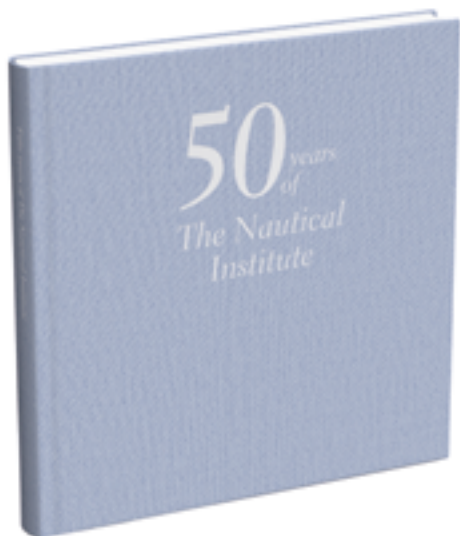
www.nautinst.org/shop-listing.html

50TH ANNIVERSARY

Fifty Years of The Nautical Institute

A year-by-year look at the history of the NI and maritime in words and pictures, *Seaways* articles and the memories of founder and long-standing members. The cover is woven from plastic recycled from the oceans – a truly appropriate feature!

Price: **£79** Member's price: **£55.30**
ISBN: **978 1 906915 99 5** Ref: **0405**



NAVIGATION AND BRIDGE MANAGEMENT



The Nautical Institute on Command

Third edition

Various authors

The Nautical Institute on Command is the Institute's flagship publication and 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 will guide the transition from chief officer to Master and 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: **£74** Member's price: **£51.80**
ISBN: **978 1 906915 21 6** Ref: **0357**



Ebook available

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



The Admiralty Manual of Navigation Vol 1: The Principles of Navigation

Eleventh edition

Alastair Harris MSc BA (Hons)

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: **£168** Member's price: **£117.60**
ISBN: **978 1 906915 64 3** Ref: **0382**



The Admiralty Manual of Navigation Vol 2: Astro Navigation

Eleventh edition

Alastair Harris MSc BA (Hons)

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: **£168** Member's price: **£117.60**
ISBN **978 1 906915 58 2** Ref **0377**

Buy both together for just £310

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



Bridge Watchkeeping

Third edition

Captain Mark Bull FNI

A completely revised, fully updated and practical manual giving advice on avoiding potential pitfalls including not to rely on a single source of information and rather than either/or utilise combine and compare. Captain Yves Vandenberg 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: **£68** Member's price: **£47.60**
ISBN: **978 1 906915 92 6** Ref: **0402**

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



Bridge Team Management

Second edition

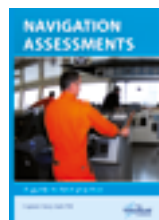
Captain A J Swift FNI and T J Bailey FNI

This industry standard for passage planning reinforces the message that effective planning, good leadership, teamwork and sound navigational practice will 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: **£79** Member's price: **£55.30**
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 will enable the assessor to carry out a fair, objective and positive navigation assessment that properly takes into account human element

issues. Case studies of maritime accidents and incidents provide valuable learning points.

The book is also intended to help mariners understand the assessment process. If it is properly conducted, an assessment will provide insights that contribute to navigators' continuing professional development.

Published: **2016** Price: **£63** Member's price: **£44.10**
ISBN: **978 1 906915 51 3** Ref: **0366**

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



Shiphandling Logbook

This logbook allows mariners to record and reflect on the shiphandling manoeuvres they carry out, either on board ship or on simulators. For each activity, the mariner risk-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, it also acts as valuable proof of professional development to senior officers, company, flag state and insurers. The logbook can be used by mariners at all levels working aboard ships in any trade.

Published: **2018** Price: **£47** Member's price: **£32.90**
ISBN: **978 1 906915 63 6** Ref: **0381**

THE HUMAN ELEMENT



Mentoring at Sea

The 10 minute challenge

Captain André L Le Goubin MA FNI

Anyone can be a mentor at sea and anyone can benefit from mentoring – and it only takes 10 minutes to get started. This book explains how knowledge gained through experience, and then reflected upon, can be passed on in an informal but purposeful way. Every suggestion will take no more than 10 minutes to carry out but incorporating opportunities for mentoring into the daily onboard routine will widen and consolidate the on-the-job experience of those progressing through the ranks. It will also improve communications and enhance team-building, which should lead to a reduction in accidents and incidents.

Published: **2012** Price: **£68** Member's price: **£47.60**
ISBN: **978 1 906915 48 3** Ref: **0346**



Ebook available

ISBN: **978 1 906915 88 9** Ref: **0346e**



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: **£68** Member's price: **£47.60**
ISBN: **978 1 906915 34 6** Ref: **0362**



D Squire CBE FNI FIMgt (ed)

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

<https://www.nautinst.org/resource-library/he-alert.html>



Managing Traumatic Stress

Guidance for Maritime Organisations

Professor Neil Greenberg

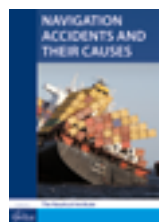
Produced in partnership with Human Rights at Sea and psychological health consultancy March on Stress, this booklet provides top-

level guidance for senior management to help improve the mental health of seafarers. It will be 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, which stresses the importance of early detection and prevention of mental health issues at sea, 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 ISBN: **978 1 906915 36 0** Ref: **0365**

CASUALTY



Navigation Accidents and their Causes

Various authors

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

The authors, drawn from accident investigators, Masters, navigation specialists, pilots and university lecturers from all over the world, 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.

IMO Secretary-General Mr Koji Sekimizu said: "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: **£74** Member's price: **£51.80**
ISBN: **978 1 906915 32 2** Ref: **0361**



Ebook available

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



Casualty Management Guidelines

The Nautical Institute in association with the International Salvage Union

Casualties are not straightforward and mariners who find themselves involved in them rarely have previous experience. These comprehensive practical guidelines will help seafarers during a casualty 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: **£63** Member's price: **£44.10**
ISBN: **978 1 906915 39 1** Ref: **0336**



Ebook available

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

Buy the two together for just £121

Member's price: **£84.70** ISBN: **978 1 906915 50 6** Ref: **0363**

Guidelines for Collecting Maritime Evidence volume 1 Fourth edition

Various authors

Guidelines for Collecting Maritime Evidence aims to provide 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 it 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: **£63** Member's price: **£44.10**
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 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. Here 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, and consider subjects as diverse as fire, deterioration of agricultural cargoes, machinery failure and surveying.

Book published: **2019** Price: **£63** Member's price: **£44.10**
ISBN: **978 1 906915 70 4** Ref: **0388**



Ebook available

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

Buy both together for just £116

Member's price: **£81.20** 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: **£63** Member's price: **£44.10**
ISBN: **978 1 906915 90 2** Ref: **0403**



Ebook available

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



Buy with Guidelines for Collecting Maritime Evidence Vol 1 & Vol 2 for just £152

Member's price: **£106.40** ISBN: **978 1 906915 93 3** Ref: **0404**

SECURITY



Maritime Security: A practical guide

Second edition

Steven Jones MA MSc BSc (Hons) MNI FRSA

Masters, company and ship security officers have a pivotal role in making vessels secure. This book is aimed at those responsible for vessel crews, cargoes and the ships themselves. It will help in the development of the ship security plan and explain how to make a vessel truly secure. The principles underpinning maritime security are explained and guidance given on putting them into practice, to ensure compliance with legislation.

Published: **2012** Price: **£74** Member's price: **£51.80**
ISBN: **978 1 906915 45 2** Ref: **0341**



Ebook available

ISBN: **978 1 906915 95 7** Ref: **0341e**



Maritime Security Handbook: Coping with Piracy

Steven Jones MA MSc BSc (Hons) MNI FRSA

The first handbook in The Nautical Institute's Maritime Security Suite complements the author's 2012 book *Maritime Security: a practical guide*. It 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: **£53** Member's price: **£37.10**
ISBN: **978 1 906915 46 9** Ref: **0342**



Ebook available

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

Buy with Maritime Security for just £110

Member's price: **£77.00** ISBN: **978 1 906915 41 4** Ref: **0349**



Maritime Security Handbook: Stowaways by Sea and Rescue of Migrants

Second edition

Steven Jones MA MSc BSc (Hons) MNI FRSA

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 recent 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: **£53** Member's price: **£37.10**
ISBN: **978 1 906915 69 8** Ref: **0393**



Ebook available

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

Buy with Maritime Security for just £110

Member's price: **£77.00** ISBN: **978 1 906915 81 0** Ref: **0394**

Buy these three books together for just £152

Member's price: **£106.40** ISBN: **978 1 906915 80 3** Ref: **0395**

STUDY AIDS



NEW EDITION

The Shipmaster's Business Self-Examiner

Eleventh edition

Malcolm MacLachlan FNI

Designed primarily as a study aid for Master's Orals, the book is also used by OOW and Chief Mate students and has drawn the praises of many successful Orals candidates in the UK and overseas. It is also a handy reference for serving Shipmasters, shore superintendents, ship operators and all who need to keep up to date with the frequent changes in merchant ship regulation and commercial practice. More than 4,200 questions and answers are set out in nine logically arranged sections.

Published: **2016** Price: **£85** Member's price: **£62.30**
ISBN: **978 1 906915 35 3** Ref: **0364**

PORT OPERATIONS



The Work of the Harbour Master

Third edition

The Nautical Institute in co-operation with the International Harbour Masters' Association

The book is linked to the 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: **£68** Member's price: **£47.60**
ISBN: **978 1 906915 02 5** Ref: **0332**

SEAMANSHIP

Launch and Recovery of Boats from Ships

Dag Pike FRIN FIMarEST AFNI FRMetS

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: **£42** Member's price: **£29.40**
ISBN: **978 1 906915 22 3** Ref: **0376**

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: **£42** Member's price: **£29.40**
ISBN: **978 1 906915 66 7** Ref: **0384**



Buy the two together for just £68

Member's price: **£47.60** ISBN: **978 1 906915 72 8** Ref: **0387**



NEW EDITION

Bulk Carrier Practice

Second edition

Captain Jack Isbester

ExC FNI MCMS

This fully updated second edition is aimed at enhancing the safety and efficiency of bulk carriers and their crews. Robert Lorenz-Meyer, President and Chairman BIMCO, said in the foreword: "Anyone in the bulk carrier industry will benefit from reading *Bulk Carrier Practice*. It deserves to be on the bookshelf on the bridge of all bulk carriers, and in the offices of all bulk carrier operators."

Published: **2010** Price: **£200** Member's price: **£140.00**
ISBN: **978 1 906915 10 0** Ref: **0320**



NEW EDITION

The Admiralty Manual of Seamanship

Thirteenth edition

Vic Vance

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: **2015** Price: **£168** Member's price: **£117.60**
ISBN: **978 1 906915 49 0** Ref: **0356**



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 over 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: **£74** Member's price: **£51.80**
ISBN: **978 1 906915 77 3** Ref: **0397**



Ebook available

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

SPECIALISMS



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: **£68** Member's price: **£47.60**
ISBN **978 1 906915 56 8** Ref **0374**



Ebook available

ISBN: **978 1 906915 98 8** Ref: **0374e**



Handling Ships in First-Year Ice

Second edition

Johan Buysse MMar 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: **£68** Member's price: **£47.60**
ISBN **978 1 906915 55 1** Ref: **0379**

Buy the two books together for just £121

Member's price: **£84.70** ISBN: **978 1 906915 57 5** Ref: **0380**



DP Operator's Handbook

Third edition

Captain D 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: **£74** Member's price: **£51.80**
ISBN: **978 1 906915 76 6** Ref: **0392**



Ebook available

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



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: **£63** Member's price: **£44.10**
ISBN: **978 1 906915 40 7** Ref: **0347**



Improving Ship Operational Design

Second edition

Various authors

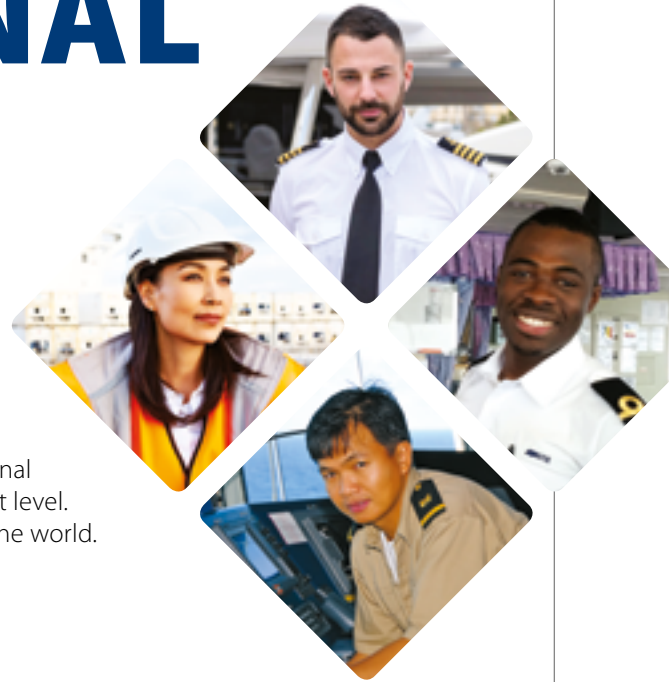
Bad ship design can kill people. It can also make working on board difficult and resting on board impossible. Good design can make maritime operations safer and more effective. This book aims to give naval architects and ship designers, both new and experienced, an insight into how seafarers work and 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. References are given along with suggestions for further reading, all of which corresponds to the work carried out by the CyClaDes project.

Published: **2015** Price: **£74** Member's price: **£51.80**
ISBN: **978 1 906915 28 5** Ref: **0360**

PROFESSIONAL SHORT COURSES

Take your career to the next level

The Nautical Institute's short courses are an intensive guide to professional topics that will help ensure your organisation is operating at the highest level. Courses are taught in small groups and take place at locations around the world.



Courses currently available include:

Navigation Assessors Part A and Part B

The Nautical Institute's Navigation Assessors course explores key issues and provides practical advice on:

- What defines an assessment
- Improving safety and best practice
- How to conduct the assessment with a systematic approach
- Preparing an effective report.

Part A consists of a four-day online course which, using theoretical examination, will determine a candidate's understanding of the course content. An exam is undertaken at the end of the course and a Nautical Institute Certificate of Completion will be issued following successful completion of part A.

Part B consists of undertaking an actual Navigation Assessment and submitting a Navigational Assessment report for review. This report should closely follow the guidelines delivered during the course.

Behavioural Competency Assessor

The Nautical Institute's Behavioural Competency Assessor Online Course has been designed to provide industry guidance for participants and offers support and direction to participants who carry out assessments onboard vessels under voyage conditions.

The course is delivered online over five consecutive days. At the end of the course, candidates will be required to complete an exam and assessment.

Marine Incident Investigation

Created for participants who engage in investigation of marine incidents and accidents, The Nautical Institute's Marine Incident Investigation course is an ideal course to help you expand your skills and knowledge of incident investigation.

Focusing on techniques to help manage the process of an investigation, the course will give candidates in depth knowledge on preparing for an investigation, the investigation process itself, reporting, analysis and effectively communicating the outcomes and/or recommendations that stem from it. The course content is aligned with the principles of the IMO Assembly Resolution, A.849 (20) and A.884 (21), and the Code for the Investigation of Marine Casualties and Incidents.

ISM Lead Auditor Fishing/ISM Lead Auditor

There has been widespread support across the industry to develop and implement an audit structure for implementation of Safety Management Systems.

The Nautical Institute's ISM Lead Auditor course is an intensive five-day remote course, designed to give participants the expertise and the understanding required to conduct a full audit of an organisation's Management Systems in the role of Lead Auditor dedicated to the ISM Code. The Nautical Institute's ISM Lead Auditor course is predominantly theory based with guided practical exercises that introduce the participants to a varying number of scenarios.

Introduction to Shipping:

Designed for persons who have recently joined or are joining the Maritime sector. The Nautical Institute's online Introduction to Shipping course is delivered through six hours spread over two days of interactive teaching and is designed to give newcomers to the maritime industry a basic understanding of the vessels, the stakeholders and how they interact.

Criminalisation of the Mariner

The Master has always been subject to the Law of the Flag State; theirs is the ultimate authority for that vessel and they are responsible to the Flag State for compliance with its maritime regulations. While the Master retains absolute discretion, they remain accountable for their command decisions. How can the Master ensure they have good evidence that they managed the risk to the expected standard?

The seafarer has a duty to take the standard of care, reasonably expected of such a professional in his position, to guard against acts or omissions which might cause loss and give rise to a claim in negligence. But in what circumstances will the seafarer's default amount to a crime? This introduces us to the phenomenon of accountability that takes us beyond civil liability to criminal negligence.

Casualty Management

Casualties are not straightforward and mariners who find themselves involved in them rarely have previous experience. The Nautical Institutes' Casualty Management course will help candidates expand their practical knowledge on casualty management and will give an insight into operational issues related to casualty management. The course covers accidents, emergency response plans, legal frameworks, the roles of different persons within incidences and the legal aspects relating to existing international legislation.

Blockchain for Maritime Professionals – The Fundamentals

The course is designed to give candidates;

- A firm understanding of the key concepts behind blockchain and build confidence to ask the right questions that can help unleash business value.
- An original framework (NEF*) to evaluate blockchain uses in your maritime business.
- A deep appreciation of the Digital Transformation phenomenon and its drivers and tools in business. Experience the process of co-creation (customer journey map) and learn to revisit your business model using the lens (Business Canvas).
- Strategies for successful blockchain implementation to develop your personal development plan (DigitalYou**). Access to tools and an exclusive network to keep you updated.

Courses coming in 2023:

- Marine Insurance
- Marine Salvage
- DPA
- SIRE 2.0



**Special rates available for members of
The Nautical Institute**

**For more information or to book your
place, visit www.nautinst.org/courses**

SCHEMES



The Institute offers a wide range of services from being the leading certification provider for dynamic positioning training to providing one-off audits. It can develop training, standards and administer full international certification schemes or work on behalf of flag administrations as a designated authority

The Nautical Institute Dynamic Positioning Operator Training & Certification Schemes

The Nautical Institute Dynamic Positioning Vessel Maintainer Scheme

Ballast Control Operator Training Scheme

Vessel Traffic Services Training Scheme (IALA R0103)

Oil Spill Response

Ice Navigation Scheme

Training and Certification Scheme for DP Station Keeping Systems for Remote Operations

The Nautical Institute Training Centre Accreditation

The Nautical Institute Recognition for CPD Scheme

The Harbour Master Scheme

The Command Diploma Scheme

The International Sail Endorsement Scheme

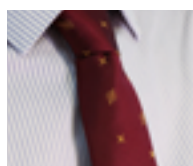
www.nautinst.org/ni-academy

MERCHANDISE

Drawing on our rich heritage, The Nautical Institute's online shop invites you to join the NI community in style. Our 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

VAT charged as applicable

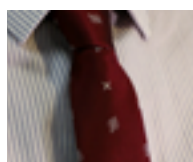
Only available to FNI and AFNI



Pure Silk Tie – Gold

Burgundy and gold – 50th Anniversary – limited edition

Member's price: **£30** Ref: **5050**



Pure Silk Tie – Silver

Burgundy and silver – 50th Anniversary – limited edition

Member's price: **£30** Ref: **5051**

Available to all members



Pure Silk Tie

Two-tone blue

Price: **£25** Ref: **5052**

Available to everybody



Medium Ruled Notebook

Rust tone notebook detailed with a gold-foiled logo and elastic fastening

Price: **£15** Member's price: **£10.50**
Ref: **5026**



Stainless Steel Travel Mug

Durable stainless steel travel mug with the NI logo

Price: **£15** Member's price: **£10.50**
Ref: **5027**



Enamel Armillary Cufflinks

Small enamel cufflinks detailed with the NI armillary logo

Price: **£29** Member's price: **£20.30**
Ref: **5023**



Bobble Hat

Navy blue hat with the Nautical Institute's traditional armillary logo.

Price: **£15** Member's price: **£10.50**
Ref: **5028**



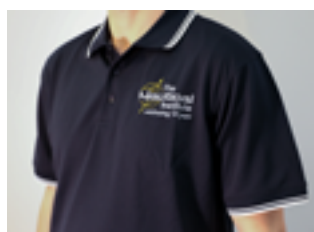
Tea Boxes

A beautiful tea box emblazoned with the NI's armillary sphere. Made of hard-wearing, sustainable bamboo.

*Please note that the tea bags in the picture are not included.

Price: **£15** Member's price: **£10.50** Ref: **5030**

Limited Edition 50th Anniversary clothing



Polo Shirt

Double tipped polo shirts with The Nautical Institute 50th logo. Colour navy.

Sizes S to XXX-Large

Price: **£30** Member's price: **£21**



Unisex Fleece Pullover Hoodie

Ultra-comfortable unisex fleece pullover hoodie, with The Nautical Institute 50th logo. Available only in navy blue.

Sizes S to XXX-Large

Price: **£50** Member's price: **£35**



Unisex Soft Shell Jacket

Smart blue and charcoal jacket with The Nautical Institute 50th logo and contrasting breathable underarm and side panels. Front zip and two front zip pockets.

Sizes S to XXX-Large

Price: **£58** Member's price: **£40.60**

MARS – Mariners' Alerting and Reporting Scheme

Influence change and help seafarers learn to be safer

- Free database at www.nautinst.org/MARS
- Keyword searchable database
- Safety case studies
- Risk management
- Confidential
- No blame



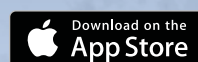
THE NAVIGATOR

Inspiring professionalism in marine navigators

The Navigator championing the role of today's professional marine navigators

Published in association with the Royal Institute of Navigation, *The Navigator* is free and appears three times a year. Articles are short, but eyecatching and informative, and intended to spark discussion. It is available both in print and online at:

www.nautinst.org/thenavigator



Get the App – click on the icons on our website or search your device's App Store using the following keywords... *The Navigator* *The Nautical Institute*



#INtheNI



The perfect way to channel your professionalism

- Enjoy worldwide recognition as a maritime professional
- Enhance your career prospects
- Receive a monthly technical journal
- Take free online courses
- Have your voice heard at the IMO
- Record your continuing professional development
- Get legal fees insurance cover
- Secure big discounts on NI books & courses
- Make new connections through the NI's branch network

Join today at nautinst.org/membership

