

# A GUIDE TO BULK CARRIER OPERATIONS



by The Nautical Institute

- Cargo preparation and care
- Loading, carriage and arrival
- Fires, fumigation and liquefaction
- Communication and documentation



# A Guide to Bulk Carrier Operations

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Bulk carriers are the workhorses of international maritime trade. Those working on them and with them need to understand and manage significant risks inherent to the dry bulk trade. Certain cargoes can deplete oxygen, catch fire, explode, corrode holds or simply deteriorate. At terminals, ships may be pressurised to accept cargoes that are too hot or too wet, which could endanger vessel and crew.

The dry bulk sector has made huge efforts to improve safety, but “there is no room for complacency and more work is needed,” says Intercargo Secretary General Dr Kostas Gkonis in his Foreword. This book is therefore designed as “a comprehensive end-to-end guide to exemplary safety practices that will be useful for all participants in our workforce, including shipowners, ports, terminals, charterers and associations,” explains RightShip General Manager David Peel.

This highly practical guide draws on the expertise of more than 20 contributing authors. The book takes the reader through the essentials at each stage of the voyage, from preparation and loading, to care of cargo and ship at sea, and finally 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.

Clear diagrams and photographs complement the text along with tips, checklists and case studies. The common-sense approach and straightforward language mean that, as Dr Gkonis notes, this book “is indeed a pleasure to read!”



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“ The *Guide* has been written by an impressive selection of outstanding authors, who share hands-on experience in the dry bulk sector. They have the knowledge and authority to offer this up-to-date key guidance... which should find its prominent place aboard every bulk carrier and in the library of every company and professional in our sector. ”

**Dr Kostas G Gkonis, Secretary General, INTERCARGO**



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