



Profile

Jeroen de Haas
director | marine expert

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Over 30 years of experience in the maritime industry as a surveyor, consultant, expert witness, author, conference speaker and business director with one of the world's largest marine consultancies.

Specialized in investigating container-ship related casualties, particularly stow collapse / container-loss incidents and ship fires.

Author of GARD GUIDANCE ON FREIGHT CONTAINERS

Qualifications and education

- B Sc in Nautical and Marine Engineering studies, Maritime Institute De Ruyter, Flushing, the Netherlands
- Maritime Officer Foreign-Going Certificate of Competency, combined qualification for deck officer and marine engineer
- Honours Degree in Maritime Sciences (with credit), University of Antwerp
- Expert witness and courtroom skill training by Bond Solon, London
- Leiden University, post academic programme as a judicial expert in civil, administrative and criminal court cases
- Registered Judicial Expert (Maritime) at Dutch National Register of Judicial Experts.

Summary of survey and consultancy work container ships

- On-board survey, document and evidence collection
- Computer calculation and scenario modelling of forces in container stows (StowLash, Veristar, Lashright, MACS3, Loadstar)
- Case review analyses and providing (second) opinion for mediation and settlement discussions
- Expert witness reports for court and arbitration, providing testimony
- Advice on good industry practice
- Container terminal operations
- Booking and stowage procedures
- Advice on casualty response actions
- Container-related personal injury incidents
- Testing of container lashing material (class and non-class type testing)
- Advanced stability calculations, capsize and sinking
- Advice on transporting perishable cargoes in refrigerated containers
- Advice on required transport conditions for different containerised commodities.

Publications on topics related to container shipping

- PARAMETRIC ROLL EXCITED BY LOW WAVE HEIGHTS: A NEW METHOD TO AVOID CRITICAL SEA STATES BASED ON 2D SPECTRA. International Conference on the Stability and Safety of Ships and Ocean Vehicles, by Koop, R.O., Renac, L., de Haas, J., Onassis, J., Glasgow, Scotland, UK, June 2021
- De Haas, J. GARD GUIDANCE ON FREIGHT CONTAINERS, 2016
- De Haas, J. A BENCHMARKING STUDY OF CLASSIFICATION RULES FOR LASHING AND SECURING OF CONTAINERS. Lloyds Register of Shipping, 2012

- De Haas, J. TYING DOWN THE CARGO: CONTAINER LASHING AND SECURING. The Naval Architect, 2010
- De Haas, J., Brown, D. EFFECT OF ECCENTRIC CONTAINER LOADS ON BASE TWISTLOCKS AND CONTAINER FOUNDATIONS. The Naval Architect, 2010
- De Haas, J., Burnay, S. GOING LARGE: THE RISKS ASSOCIATED WITH OPERATING LARGE CONTAINER VESSELS. The Naval Architect, 2010
- Member of expert team to advise International Chamber of Shipping and World Shipping Council in drafting BEST PRACTICE GUIDELINE FOR THE SAFE TRANSPORT OF CONTAINERS, 2008
- De Haas, J. A MATHEMATICAL APPROACH TO OPTIMISE CONTAINER SHIP SIZE. Thesis, University of Antwerp, 1990
- De Haas, J. CONTAINER TRANSPORT TO AFRICA. Thesis, University of Antwerp, 1990.

Other publications / co-authorships

- Initiator and co-author of www.cargohandbook.com THE WORLD'S LARGEST WEBSITE ON CARGO TRANSPORT AND COMMODITY GUIDELINES, 2012 / 2019
- Guidelines for P & I condition surveys on reefer vessels (adopted by the International Group of P & I Clubs), 2007 / 2008
- Guidelines for quality standards and programmes for specialised reefer vessels, developing into special quality programme under 360 Quality for specialised reefer ship operators
- Initiator and final editor for the publication of four industry manuals on the transportation of temperature-controlled cargo:
 - MANUAL ON THE TRANSPORTATION OF PERISHABLE CARGO IN REEFER CONTAINERS, 2005
 - MANUAL ON POSTHARVEST HANDLING, COOLING AND STORAGE OF FRUIT AND VEGETABLES, 2008
 - MANUAL ON (DUTCH) FLOWER BULBS, CUT FLOWERS/GREENS AND POTTED PLANTS, 2010
 - MANUAL ON STORAGE AND TRANSPORT OF CHILLED AND FROZEN FOODSTUFFS, 2011
- Co-author and final editor on the development and publication of advanced pre trip inspections for reefer containers carrying valuable cargo (in cooperation with Smith Holland, Reefer Engineers).

Recent conference speeches:

- CONTAINER SHIPS SEEN THROUGH THE EYES OF THE MARINE CASUALTY EXPERT, Dutch Society for Shipping Technicians (KNVTS, 2019) and Royal/Koninklijke Industrieele Groote Club, 2021
- CONTAINER SHIP FIRES FROM A CASUALTY INVESTIGATOR PERSPECTIVE, Gard Conference on Container Ship Fires, October 2019
- ULTRA LARGE CONTAINER VESSELS: INCIDENTS AND MARKET REACTIONS, The Nordic Association of Marine Insurers (CEFOR), annual conference, Oslo, 2017
- THE RISKS ASSOCIATED WITH THE OPERATION OF LARGE CONTAINER VESSELS, International Union of Marine Insurers (IUMI), annual conference Genoa, 2016
- CONTAINER-RELATED ISSUES FROM INCIDENTS, 4th CINS Members meeting, Marseille, December 2015.

Memberships

- The Nautical Institute
- International Cargo Handling Coordination Association (ICHCA)
- Netherlands Association for Maritime Law and Transport
- Netherlands Register of Experts (NIVRE)
- Netherlands National Register of Judicial Experts
- The Dutch Anchorites
- The UK Club Carefully to Carry Committee
- The London Maritime Arbitration Association.