

Environmental compliance hot topics

1-2 March 2022

10.00 - 14.00 EET



WEBINAR

Addressed to crew
officers (deck and
engine) & office
personnel of
HELMPEPA Member
companies

Day 1

- 10.00 – 10.50 Tips for proper record keeping in Oil Record Books:
practical session — Andriaki Shipping Co. Ltd.
- 10.50 – 11.00 Break
- 11.00 – 11.50 Tips for proper record keeping in Oil Record Books:
practical session (cont.)
- 11.50 – 12.00 Break
- 12.00 – 12.50 Implementation of International Ballast Water
Management Convention: where we stand & how we
prepare for Sept 2024 — ERMA FIRST
- 12.50 – 13.00 Break
- 13.00 – 13.50 Implementation of International Ballast Water
Management Convention: where we stand & how we
prepare for Sept 2024 (cont.)
- 13.50 – 14.00 Wrap-up / closure

Day 2

- 10.00 – 10.50 Management of oil residues, sewage and garbage on
board: common problems and best practices
— Diana Shipping Services S.A.
- 10.50 – 11.00 Break
- 11.00 – 11.50 Management of oil residues, sewage and garbage on
board: common problems and best practices (cont.)
- 11.50 – 12.00 Break
- 12.00 – 12.50 2 years of 0.5 global sulphur limit (part I): best practices
for VLSFO management — Bureau Veritas
- 12.50 – 13.00 Break
- 13.00 – 13.50 2 years of 0.5 global sulphur limit (part II): EGCS -
regulatory update and operational tips — Bureau Veritas
- 13.50 – 14.00 Wrap-up / closure

2022

REFRESHER TRAINING PROGRAM
From our members for our members



WEBINAR LECTURERS



Panagiota CHRYSANTHI

HQSE Manager & DPA/EMR
Andriaki Shipping Co. Ltd.

Sea background and Master degree in Maritime Operations and Management and currently holds the position of the QSE Manager and DPA Manager in Andriaki Shipping. She has been responsible for the development and monitoring of implementation of fleet ship environmental plan. She is member of INTERTANKO Environmental Committee HELMEPA Training Committee, Hellenic Maritime HSCQ Forum.



Dr. Efi TSOLAKI

Chief Scientific Officer
ERMA FIRST ESK
Engineering Solutions S.A.

Started her journey in Environmental Engineering in 1998. Wastewater treatment and management "enslave" her interests. Through her PhD back in 2005 in Technical University of Crete, Greece, she was introduced to the problem of Invasive Species and ballast water. She is the first academic in Greece with specialization in Ballast Water and joined ERMA FIRST in early 2010. From the beginning of her career in the marine industry she was focused on Research and Development, Certification of the systems and Environmental Policies. She acts as the Chief Scientific Officer of ERMA FIRST with main responsibility of the Certification process, applying all relevant international regulations, business development worldwide and Environmental Compliance, Safety, marine preservation and Sustainability. She is the President of BEMA (Ballast Water Manufacturers Association) and Member of Wista Hellas. She is a Technical Advisor and Part of Greek Delegation at IMO Committees and participates as Ballast water expert in IMAREST Working Group.



Nikos KYRITSIS

Business Development
Manager, ERMA FIRST ESK
Engineering Solutions S.A.

Holds BEng in Mechanical, production engineering & management, Msc in automation systems and MBA. His field of expertise is design engineering and product development. Since 2003 he has been involved in various research projects in CAD, reverse engineering (point clouds or MRI data) related projects, and has vast experience in systems design, engineering and production. He joined ERMA FIRST in 2009 and after his involvement in the development, design and engineering of company's systems he was responsible for BWTS detail engineering and integration on board vessels, involved in system and production optimization and acted as the head of Design and Engineering department and Technical Product Manager of BWTS until September 2017. Currently he is acting as ERMA FIRST Business Development Manager, developing crew training centers, building new cooperation's, and opening new opportunities related to ERMA FIRST know-how and developed technology.



Andreas MINAIDES

Environmental and
Training Manager
Diana Shipping Services S.A.

Naval Architect and Marine Engineer of NTUA. Environmental and Training Manager of Diana Shipping Services S.A with previous experience in Consulting Company conducting Environmental Audits ashore and onboard in various types of Vessels.



Vassilios DIMOULAS

Technology & Innovation
Manager - Greece Cyprus
& Malta, Bureau Veritas

Naval Architect and Marine Engineer with an experience of over 20 years in providing classification and technical consulting services to the marine and offshore industry. He graduated from the National Technical University of Athens and subsequently obtained a Master's degree in Marine Engineering from University College London. After internship periods in Hellenic Shipyards and Troodos Shipping, he has worked for ABS Consulting for 8 years. He joined Bureau Veritas in 2005, where he was in charge of the technical consulting services and subsequently of the plan approval department at the Piraeus office, responsible for the Hellenic and Black Sea region. His current position at Bureau Veritas is Technology & Innovation Manager, Greece Cyprus & Malta.



Bill STAMATOPOULOS

Business Development Manager
Bureau Veritas

Bachelor and an MBA from the University of Leicester. He is the Author of 'Marine Fuels', published in 2018 and 2021 and a member of advisory panels and working groups such as Hellenic Organization for Standardization, Intertanko Bunker Sub Committee and IMO MSC (Fuel Oil Safety).

* Lecturers appear in presentation order

2022

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Webinar Learning Objectives | Outline

Tips for proper record keeping in Oil Record Books: practical session

This session provides guidance on the ORB entries in line with MARPOL Annex I and IMO guidelines, aiming to cover a wide variety of operations and deter PSC and other third parties' findings. More specifically, attendees will learn about:

- General guidance for the filling of ORB and covering legislation [IMO MEPC.736, MEPC.187(59)]
- Proper way of making entries and apply corrections
- Repeated mistakes
- Requirements in Special areas
- National additional requirements and PSC inspection regime

Implementation of International Ballast Water Management Convention: where we stand & how we prepare for Sept 2024

With less than 1000 days left towards the Implementation of the Convention, it is very important to identify where are we standing on Implementation of IBWM Convention and how we can be proactive for 2024 and onwards for a compliant ballast water discharge from a ship. More specifically, this session focuses on:

- Commissioning testing (the new norm of commissioning sampling as of June 2022)
- Troubleshooting in case on failure
- Contingency measures
- Port State Control Inspections (highlights of deficiencies)

Management of oil residues, sewage, and garbage on board: common problems and best practices

This session provides a) guidance for the ship and office to comply with MARPOL Annex I, Annex IV and V, b) common problems onboard and deficiencies raised during various inspections, and c) best practices and suggestions, in a simple way, to protect the vessels and companies from violations and deficiencies, with a strong focus on what is important under a Port State Control perspective. The main learning outcomes will be:

- A raised awareness of items which are leading to deficiencies being raised on current PSC inspections
- Identification of the items which form part of a MARPOL Annex I, IV, V inspection
- Best Practices on how to protect the vessel and the company from any MARPOL violation

2 years of 0.5 global sulphur limit (part I & II): best practices for VLSFO management / EGCS - regulatory update and operational tips

Two and a half years ago, we all spoke about IMO 2020 and the industry was filled with predictions about what would – or rather could – happen. During this session, we will look at how the industry performed during the first two years and how things look now. Is it a job done, or are there still challenges ahead? More specifically, attendees will learn about:

- Effective on-board VLSFO management given the geographical variations
- How to manage an unstable VLSFO
- How to manage an off spec VLSFO in terms of sulphur content
- Fuel contamination / Unusual components
- Scrubber design basics: operating principles, types (pros and cons), materials and their importance,
- Retrofit design issues
- Regulatory update: IMO EGCS Guidelines and regime for malfunctions
- Scrubber operations – problems faced: common failures and ways to overcome in the short and long run, spares strategies, refinement

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