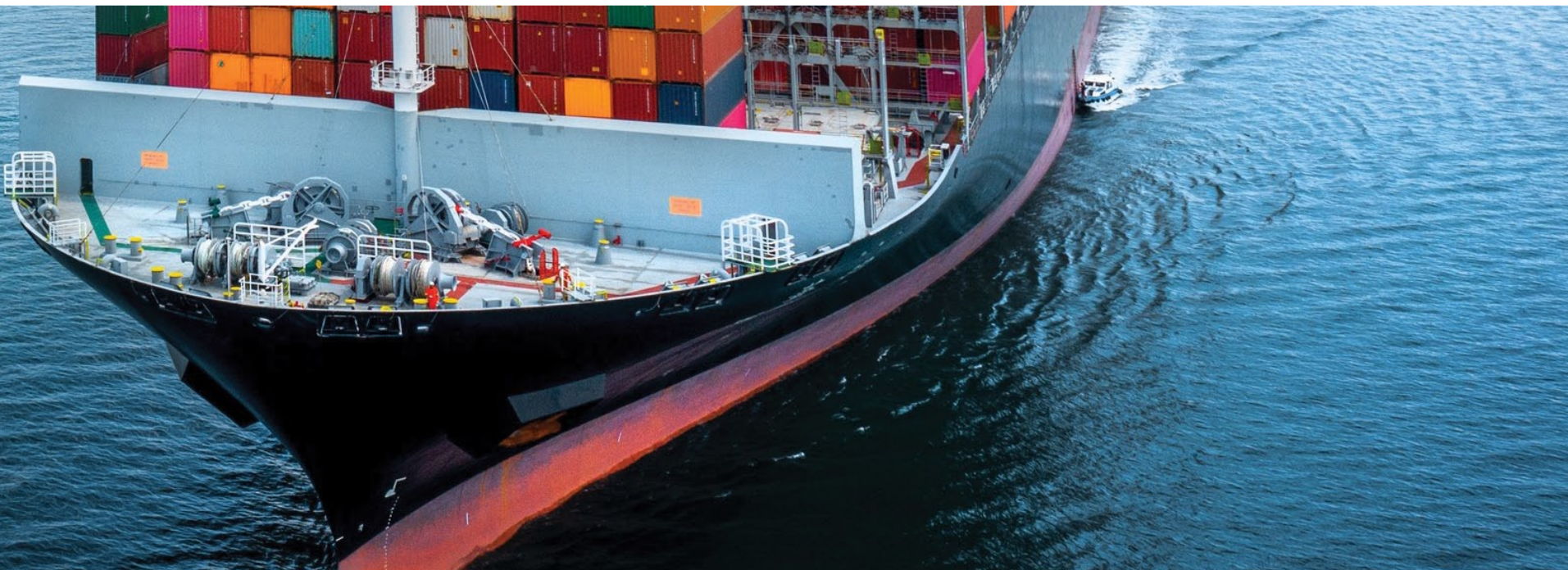


Environmental Leadership Masterclass

30-31 May 2024

10.00 - 14.30 EEST



MASTERCLASS

Addressed to deck and engine officers, port workers and administrators and office personnel of HELMEPA Member companies

Learning level: Beginners to Intermediate

Supported by  **metavasea**

This masterclass is part of project METAVASEA (2023-2028), which is coordinated by HELMEPA along with 6 partners and 12 associate partners in Greece and Cyprus, with the kind support of Lloyd's Register Foundation (LRF)*. For more information, please visit www.helmepa.gr/metavasea

(*) Lloyd's Register Foundation is an independent global charity that supports research, innovation, and education to make the world a safer place. Its mission is to use the best evidence and insight to help the global community focus on tackling the world's most pressing safety and risk challenges. For more information, please visit www.lrfoundation.org.uk

Day 1

- 10.00 - 10.10 **Welcome – Intro to METAVASEA**
HELMEPA
- 10.10 - 12.00 **Environmental Focus Areas & Passage Planning** — Athina Maritime Learning & Development Center
- 12.00 - 12.30 **Coffee break**
- 12.30 - 13.30 **Impacts of Shipping (Environmental & Social)** — Athina Maritime Learning & Development Center
- 13.30 - 14.30 **Environmental Regulatory Framework**
Athina Maritime Learning & Development Center

Day 2

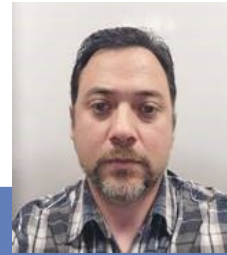
- 10.00 - 12.00 **Necessary Soft Skills of an Environmental Leader**
Knowl Life-long learning
- 12.00 - 12.30 **Coffee break**
- 12.30 - 14.30 **Voyage Simulation**
Athina Maritime Learning & Development Center



Capt. Meletios MEXIS

Ex Master Mariner
Instructor
Athina MLDC

Licensed master mariner with 22 years sea going experience 15 years as master at product – chemical – crude oil carrier vessels, joined at Minerva Marine in 2016. From 2019 I have the role of ATHINA MLDC instructor for bridge resource management and ship handling simulator, cargo and ballast handling simulator, tanker safety, security, masters assessment.



Konstantinos BATSIS

Chief Engineer
Instructor
Athina MLDC

Licensed Chief Engineer with more than 18 years of seagoing service. He has been with Minerva Marine since 2017 serving in oil tankers. He is a graduate of Chios Merchant Marine Academy. A Senior Trainer in the K-Chief Engine Simulator. Athina MLDC instructor for Engine Resource Management and Engine Simulator, Ballast Treatment Technologies, Exhaust Gas Cleaning Systems, Chief Engineers assessment.



Ioannis PAPANIKOLAOU

Second Officer
Instructor
Athina MLDC

Licensed Second Officer, graduated with scholarship from the Mediterranean Maritime Academy and joined Minerva Marine in 2018, with more than 5 years of seagoing service, serving multiple times as Navigational Officer on board tankers. Currently, holding the role of ATHINA MLDC instructor for ECDIS Generic/ Specific Transas, JRC, Furuno, Navstation and Safety Related Seminars. He also holds a BSc degree from Athens University of Economics and Business.



Dr. Ioannis SALAMOURIS

President
Knowl Life-long learning

Dr. Ioannis Salamouris is President and Founding Member of Knowl Social Enterprise. He has more than 15 years of academic and teaching experience in Academic Institutions and Training Programs, having implemented a variety of student trainings, as well as executive trainings in Public and Private Organizations. He has received a Teaching Excellence Award from the Athens University of Economics and Business for the development and implementation of innovative approaches to teaching and assessment. He is responsible for developing all educational content for the programs designed and implemented by knowl, focusing on entrepreneurship and soft skills in collaboration with major international institutions such as the Princes' Trust International and the International Rescue Committee (Business for YOUTH). At the same time, he has worked as a scientific collaborator for the implementation of numerous projects, co-financed by the European Commission. He holds a Degree in Business Administration from University of Athens in Economics and Business, MSc in Accounting and Finance from the University of Essex, and a Ph.D. in Finance from the University of Manchester. Dr Salamouris is an Honorary Fellow of the Global Advisory Board of the Academy of Finance and Management and a key member of the Hellenic Young Entrepreneurs Association (OESYNE) Institutional Intervention Team.



Marianna TERZIDAKI

Director General
Knowl Life-long learning

Marianna, is a certified career coach specializing in Soft Skills. She has 25 years of experience in Consulting, Project Management & Marketing in leading Greek and multinational high-tech companies and holds a Diploma in Electrical Engineering from NTUA and an MSc (Eng) in Operational Research from Birmingham University, UK. She has worked with Knowl Social Enterprise as a Senior Officer of Learning actively participating in social programs providing high-quality training & counselling to vulnerable groups. She has undertaken the implementation of complex projects in the fields of education and the blue economy with a social impact on thousands of young people.

Outline | Learning Objectives

Environmental Leadership

On an imaginary, simulated voyage of an Aframax Oil Tanker in Ballast Condition from Algeciras to Rotterdam, this pilot training course on Environmental Leadership aims to help understand the regulatory framework, the environmental impacts of ship operations and the required competences of the seagoing personnel to comply with, consciously and effectively.

A combination of lectures and demonstrations will be delivered to help the participants better realize the actions needed to protect the environment, the difficulties that might be experienced onboard a vessel and the skills to positively influence others. The Masterclass is structured around 3 key questions, **What** (Focus Areas), **Why** (rationale of requirements) and **How** (technical and non-technical skills) focussing on the following areas:

- a) Planning the safe passage of the vessel towards the terminal of destination incorporating navigational and environmental criteria
- b) Management of ship-generated waste and ballast water
- c) Fuels' management with emphasis on the required change over before crossing 50 West eastwards.
- d) Necessary skills of an Environmental Leader

Environmental Focus Areas & Passage Planning

- Identification of the impact of Ship's Routing in marine environment.
- How environmental consciousness is connected to vessels passage planning.
- Utilization of available environmental regulatory resources including sailing directions and Electronic Nautical Charts.
- Examination of mandatory steps needed to draw an environment friendly route.
- Identification of the impact of Ship's Machinery in marine environment.

Necessary skills for an Environmental Leader

With regards to soft skills, participants will have the opportunity to:

- Develop effective communication skills tailored to the maritime industry to engage with and convey complex concepts and risks to diverse stakeholders, including crew members, port authorities, regulatory bodies.
- Foster life-long learning to follow Policies and Regulations, new scientific findings, technology advancements, and societal values evolution, be able to develop sustainable solutions to complex environmental issues and make informed decisions.
- Cultivate Social responsibility to address environmental challenges in ways that are equitable, inclusive, and socially just to foster positive social impacts, balancing environmental concerns with societal needs within the workplace, local communities and the wider society.

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