

WEBINAR

6 February 2026 | 10:00 - 12:00 EET



# Containerization & preventing container fires

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|---------------|---|
| 10.00 - 10.50 | <b>Containerization: evolution and prospects</b>  |
| 10.50 - 11.00 | Break   |
| 11.00 - 11.30 | <b>Shipboard container operations, safety and other issues: hull monitoring / container losses &amp; damages / most common accidents / cyber vulnerability / CSSF</b> |
| 11.30 - 11.50 | <b>Hot Topic – Container Fires</b>  |
| 11.50 - 12.00 | Q&A   |

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

Level of knowledge

**Beginner to Intermediate**

Participants will receive a HELMEPA Academy Certificate of Attendance

## WEBINAR OUTLINE | LEARNING OBJECTIVES

### Containerization

The purpose of this webinar is to provide an overview of main aspects of container ship operation, safety practices and handling.

Focus will be placed on: evolution, prospects and regulatory framework of containerization, operational and safety issues (e.g. loading and unloading, lashing, stowage and stability, care of cargo at sea, hull monitoring).

Reference will also be made to most common accidents leading to container losses and damages, cyber vulnerability issues and the Container Ship Safety Forum (CSSF).

### Hot Topic – Container Fires

- What factors are contributing to the fires and the ongoing efforts to mitigate them.
- This presentation concentrates on fires occurring in container ships (not including car carriers, ro-ro vessels, or fires involving scrap and coal on bulk carriers).
- Primary cause – Lithium batteries – electronics – misrepresentation of cargo.
- Environmental impact of fires that may persist for weeks, loss of cargo overboard, management of extensive fire debris and contaminated firefighting water; with the ships occasionally becoming wrecks.
- Financial losses for salvage operations and port of refuge services, involvement of authorities, waste management, and ship repairs; losses related to damaged and delayed cargo.

**2026** REFRESHER TRAINING PROGRAM  
From our members for our members



HELMEPA MARITIME TRAINING CENTER  
for Pollution Prevention, Safety at Sea  
and Environmental Awareness



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