



PROFICIENCY IN FIRE FIGHTING ON PCTC, RO-RO & FERRIES COURSE

A full-scale PCTC training environment built for real
EV fire scenarios. Unique on a global scale.

ADVANCED MARITIME SAFETY

IM Training is a certified training centre **located in Gdynia, Poland**, delivering specialist programmes for the renewable energy sector (GWO trainings) and the maritime industry. Our courses support people and companies working in demanding environments where preparation, safe procedures and practical competence directly affect operational continuity.

As part of Inter Marine Group - a strategic maritime and offshore partner with over 36 years of industry experience - we keep our programmes close to the real needs of shipowners, operators and technical teams.

Alongside GWO courses and proprietary training programmes for the wind industry, **IM Training develops specialist courses for the maritime sector.** The latest addition is Proficiency in Fire Fighting on PCTC, RO-RO & Ferries - a globally relevant training programme for crews, officers and shore-based teams facing the fast-evolving risk of electric vehicle fires at sea. Developed through direct conversations with shipowners and months of intensive work, the course responds to one of the most urgent safety challenges in modern vehicle-carrier operations.

MEET PROFICIENCY IN FIRE FIGHTING ON PCTC, RO-RO & FERRIES

The programme prepares crews to recognise, assess and respond to EV-related fire risk in the environment where it matters most: **THE CAR DECK.**

A globally unique training programme delivered on a full-scale PCTC training ground in Gdańsk. The course is conducted in a realistic 1:1 PCTC environment with electric vehicle mock-ups loaded, stowed and lashed down as they would be on a real vessel, lithium-ion battery fire behaviour simulation, a fixed firefighting system and lighting for both day and night training modes. Recommended by The Nautical Institute.



Designed for PCTC, RO-RO and ferry fleets carrying electric and conventionally powered vehicles - including crews, passengers and stevedores responsible for vehicle-carrier safety.

■ **Management-level officers**

Captains and senior officers managing onboard firefighting operations and shore-side communication.

■ **Operational officers and deck crew**

Supercargoes, planners and stevedores responsible for vehicle arrangement and cargo safety. What makes this training globally unique?

■ **Shore-based and supervisory personnel**

Deck officers and crew members leading or supporting firefighting response on the car deck.

■ **What makes this training globally unique?**

A full-scale PCTC environment built for EV fire response!

- 1:1 EV mock-ups arranged as on a real car deck,
- Lithium-ion battery fire behaviour simulation,
- Thermal runaway reactivity,
- Fixed shipboard firefighting system,
- Superstructure, stairwell and escape routes,
- Lighting for day and night training modes,
- Two high-capacity water intakes,
- Tactical command and coordination.



Three days on the PCTC training ground in Gdańsk, including 3 modules: theory, simulation and advanced tactical scenarios. The course combines focused theoretical instruction with practical scenarios conducted in a realistic PCTC environment. Participants move from understanding EV fire behaviour to tactical response, escalation management and decision-making under pressure.

Training pathway:

Module 1 KNOW

Theoretical foundation:

- Introduction and regulation,
- Fire protection systems on ships,
- Risk characteristics and response procedures,
- Technical aspects of EV fires,
- Fire response and coordination,
- Procedures and safety rules review.

Module 2 RESPOND

Practical response skills:

- Hazard identification exercises,
- Firefighting equipment handling,
- Basic and intermediate tactical scenarios,
- Demonstration of EV battery ignition and fire stages.

Module 3 DECIDE

Advanced tactical scenarios:

- EV fire spreading to multiple vehicles,
- Fire suppression system failure and alternative methods,
- Large-scale multi-EV fire with casualty evacuation.

What your crew gains:

- Higher safety standards,
- Stronger crew preparedness,
- Critical decision-making,
- Reduced loss exposure,
- A stronger safety culture.

Scan the QR code
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course details



PREPARE YOUR TEAM
FOR THE EV FIRE-RISK REALITY AT SEA