

IMO Level 2 Oil Spill Response Training for Supervisors

14 – 18 December 2026
Barcelona

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Ref: 103600577_74379 **Date:** 14 – 18 December 2026 **Location:** Barcelona **Fees:** 5700 Euro

Course Overview:

The "IMO Level-2: Oil Pollution Preparedness, Response & Coordination for On-Scene Commanders and Supervisors" course provides advanced training to equip participants with the skills to supervise and coordinate marine oil spill responses. In alignment with international standards, the course emphasizes leadership, tactical planning, environmental protection, and inter-agency collaboration.

Participants will take part in scenario-based learning, simulation drills, and command structure development to enhance decision-making in high-pressure situations. The course blends theory with practical exercises, focusing on operational readiness, effective communication, and safety management. Our unique approach incorporates case studies, legal insights, and resource management, making this program comprehensive for oil spill supervisors and on-scene commanders.

Target Audience:

- Port authority supervisors
- Emergency response managers
- Marine environment protection officers
- Oil & gas HSE officers
- Incident command center staff
- Coastal zone management officials

Targeted Organizational Departments:

- Environmental Health & Safety EHS
- Maritime & Offshore Operations
- Emergency Management & Response
- Port & Coastal Authority Planning
- Legal & Compliance Departments

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Targeted Industries:

- Maritime and Shipping
- Oil & Gas Upstream and Downstream
- Port and Coastal Infrastructure
- Environmental Protection Agencies
- Government & Regulatory Bodies
- Offshore Drilling & Marine Engineering

Course Offerings:

By the end of this course, participants will be able to:

- Apply international conventions such as OPRC and MARPOL in oil spill response
- Assess the behavior and fate of spilled oil in various environments
- Design and implement incident command strategies for shoreline and offshore spills
- Evaluate and select appropriate response tools booms, dispersants, skimmers
- Coordinate with stakeholders and media during emergency operations
- Plan and conduct debriefing and post-incident assessments

Training Methodology:

This course uses a blended learning approach to enhance both understanding and practical skills. Participants will review notable marine spill case studies, engage in group simulations, and conduct incident command drills, with a strong focus on communication, inter-agency collaboration, and operational control.

Course Toolbox:

- Participant Manual based on the latest IMO OPRC Model Course guidelines Online
- Contingency Planning Templates
- Oil Fate Simulation Worksheets
- Legal Compliance Flowcharts
- Spill Response Decision-Matrix Cards
- Case Study Booklet with Incident Reviews

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Course Agenda:

Day 1: Risk, Preparedness, and Spill Dynamics

- **Topic 1:** Oil Spill Risk Analysis and Prevention Strategies
- **Topic 2:** Physical and Chemical Properties of Crude Oil
- **Topic 3:** Oil Behavior and Fate in the Marine Environment
- **Topic 4:** Sensitivity Mapping and Environmental Impact Forecasting
- **Topic 5:** Understanding the Role of Emulsions and Weathering in Spill Scenarios
- **Topic 6:** Introduction to Oil Spill Modeling and Forecasting Tools
- **Reflection & Review:** Mapping Spill Trajectories and Environmental Vulnerabilities

Day 2: Response Planning, Equipment, and Tactics

- **Topic 1:** Tiered Response Strategies and Contingency Planning
- **Topic 2:** Containment Equipment: Booms, Skimmers, and Dispersants
- **Topic 3:** Incident Action Planning IAP and Response Objectives
- **Topic 4:** Use of In-situ Burning and Mechanical Recovery
- **Topic 5:** Tactical Deployment and Safety of Response Personnel
- **Topic 6:** Logistics and Resource Management in Spill Events
- **Reflection & Review:** Evaluating Tactical Effectiveness and Response Readiness

Day 3: Command and Control under the IMS Framework

- **Topic 1:** IMS Principles and Command Function in Spill Response
- **Topic 2:** Establishing the Incident Management Team IMT
- **Topic 3:** Roles and Responsibilities: Operations, Planning, Logistics, Finance
- **Topic 4:** Coordinated Command, Unified Command, and Government Interaction
- **Topic 5:** Effective Communication, Public Information, and Media Handling
- **Topic 6:** Use of Common Operating Picture COP and Digital Dashboards
- **Reflection & Review:** Managing Escalation and Coordination Complexity

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Day 4: Shoreline, Wildlife, and Environmental Protection

- **Topic 1:** Shoreline Cleanup Assessment and Segmentation
- **Topic 2:** Protection and Recovery of Wildlife Seabirds, Mammals
- **Topic 3:** Waste Management and Disposal Protocols
- **Topic 4:** Remote Sensing, Aerial Surveillance, and Oil Detection
- **Topic 5:** Legal Responsibilities, Claims, and Compensation Mechanisms
- **Topic 6:** Health, Safety, and Environmental HSE Risk Mitigation
- **Reflection & Review:** Integrated Environmental & Legal Case Analysis

Day 5: Simulation, Case Studies, and Lessons Learned

- **Topic 1:** Full-Scale Incident Simulation: Field Strategy Deployment
- **Topic 2:** Group Scenario: Creating a Unified IAP with Operational Periods
- **Topic 3:** Case Study Analysis: Prestige Spill, Deepwater Horizon, etc.
- **Topic 4:** Post-Incident Demobilization, Debrief, and Evaluation
- **Topic 5:** Stakeholder Engagement and Reputation Management
- **Topic 6:** Future Trends in Spill Response and Preparedness
- **Reflection & Review:** Participant Presentations and Course Closure Discussion

FAQ:

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

This course is open to professionals involved in oil spill response operations. Prior knowledge of maritime safety, emergency planning, or environmental risk management is beneficial but not mandatory.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day's session is generally structured to last around 4-5 hours, with breaks and interactive activities included. The total course duration spans one week, approximately 20-25 hours of instruction.

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How This Course is Different from Other IMO Level-2 Courses:

This training stands out for its emphasis on real-world applicability and the development of supervisory leadership. Unlike generic programs that focus solely on technical skills, it includes localized scenarios, effective communication, and multi-agency coordination. Participants will learn to operate equipment, lead teams, communicate with the public, and manage legal risks. With custom decision aids, advanced simulations, and leadership coaching, they gain practical insights for real incidents. The curriculum also reflects current regulations and regional spill risks, preparing learners for emerging threats.