

Marine Search and Rescue Operations: Techniques & Methods





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Ref: 321765_146163 Date: 13 - 17 Oct 2025 Location: Madrid (Spain) Fees: 4400 Euro

Course Description

This intensive 5-day course provides comprehensive training in marine search and rescue operations. Participants will learn advanced techniques, best practices, and cutting-edge methods for planning, coordinating, and executing effective marine SAR missions. The course combines theoretical knowledge with practical exercises to ensure participants are well-prepared for real-world scenarios.

Learning Objectives

- Develop proficiency in marine SAR planning and coordination
- Master various search patterns and rescue techniques
- Understand the use of specialized equipment and technology in marine SAR
- Learn effective communication and teamwork strategies for SAR operations
- Gain knowledge of legal and safety considerations in marine SAR

Course Modules

Day 1: Fundamentals of Marine SAR

- Introduction to marine SAR principles
- SAR mission planning and coordination
- Understanding search patterns
- Communication protocols in marine SAR

Day 2: Search Techniques and Technology

- Advanced search patterns and techniques
- · Use of marine radar and sonar in SAR
- GPS and navigation systems for SAR
- Thermal imaging and night vision technology

Day 3: Rescue Methods and Equipment

- Water rescue techniques
- Use of rescue boats and personal watercraft
- Helicopter rescue operations
- Specialized rescue equipment and their applications

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Day 4: Medical Aspects and Victim Care

- First aid and CPR for marine environments
- Hypothermia prevention and treatment
- Psychological aspects of rescue operations
- Victim extraction and transportation

Day 5: Legal Considerations and Scenario Training

- Legal framework for marine SAR operations
- Safety protocols and risk management
- Interagency cooperation in SAR missions
- Practical scenario-based exercises

Practical Wins for Participants

- Ability to plan and execute effective marine SAR operations
- Proficiency in using advanced SAR technology and equipment
- Enhanced skills in water rescue and victim care
- Improved decision-making abilities in high-pressure SAR scenarios



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