

Naji Mansour Al-Juhani

Marine Major Retired - Military Training Consultant Using Virtual Reality & Simulation Technology



A distinguished retired Rear Admiral with over three decades of experience in maritime operations, search and rescue (SAR), and crisis management. Recognized for leadership in Saudi Arabia's maritime safety and disaster response, I have played a pivotal role in both national and international maritime safety efforts. My experience ranges from commanding vessels to directing SAR operations and contributing to international maritime policy through participation in key committees at the International Maritime Organization (IMO). Skilled in crisis management, maritime security, and training development, I bring a comprehensive understanding of strategic planning and execution in both military and civilian contexts.

PERSONAL & CAREER HIGHLIGHTS

- **Leadership Roles:** Directed the General Directorate of SAR and Firefighting at sea, commanded multiple maritime units, and supervised several training and development programs within the Saudi Border Guard.
- **Maritime Safety Advocacy:** Headed Saudi Arabia's Maritime Safety Committee, ensuring compliance with international standards and best practices in maritime disaster management.
- **Crisis Management Expertise:** Led initiatives in preparing, planning, and executing maritime security operations and emergency responses, ensuring the safety of Saudi territorial waters.
- **International Collaboration:** Actively participated in maritime conferences, workshops, and committees globally, contributing to the development of international maritime safety policies.

KEY CAREER ACCOMPLISHMENTS

- **Command & Operations:** Successfully commanded medium-range patrol boats and search and rescue units, ensuring the safety and security of Saudi waters. Led the Maritime Rescue Coordination Center (MRCC) since 2005.
- **International Representation:** Represented Saudi Arabia in key international maritime forums, including the Marine Environment Protection Committee (MEPC) and Search and Rescue Communications (COMSAR) at the IMO.
- **Crisis Leadership:** Headed the Assessment Committee for Maritime Disasters and Incidents from 2010 to 2024, managing and coordinating SAR operations during critical maritime

incidents.

- **Training & Development:** Commandant of Jeddah Academy for Maritime Science and Security Studies (2020-2024), where I supervised the development of numerous training programs for the Saudi Border Guard.

TECHNICAL SKILLS

- **Maritime Security Planning:** Proficient in developing and evaluating security plans, including SAR missions, disaster management strategies, and ISPS Code compliance.
- **Crisis Management:** Expertise in preparing crisis response strategies and managing disaster operations using both conventional methods and advanced technologies like artificial intelligence (AI).
- **Hydrography & Naval Science:** Extensive knowledge in hydrography and naval science, supported by a master's degree and practical experience in the field.
- **Training Program Development:** Skilled in creating educational and training portfolios, from curriculum design to execution, in both military and civilian contexts.

KEY COMPETENCIES

- **Leadership & Team Building:** Proven ability to lead multidisciplinary teams with a focus on cooperation, shared decision-making, and effective communication.
- **Tactical Planning:** Adept at organizing maritime rescue operations, disaster response, and security plans for critical maritime facilities.
- **Decision-Making Under Pressure:** Capable of making critical decisions during high-pressure situations, including maritime disasters and security breaches.
- **International Diplomacy:** Experienced in representing Saudi Arabia in international maritime committees, collaborating with global leaders to improve maritime safety and security.

PROFESSIONAL EXPERIENCE

Commander, Maritime Rescue Coordination Center (MRCC)

2005 – 2024

Led Saudi Arabia's national coordination center for maritime SAR operations, directing rescue missions and disaster response within Saudi territorial waters.

Director, General Directorate of SAR and Firefighting at Sea

1994 – 1998

Supervised SAR operations and maritime firefighting efforts, developing plans for emergency response and crisis management.

Head of Maritime Safety Committee

2005 – 2024

Ensured compliance with international maritime safety regulations, leading Saudi efforts in developing and enforcing maritime safety standards.

Commandant, Jeddah Academy for Maritime Science and Security Studies

2020 – 2024

Oversaw training programs and academic instruction in maritime security and naval science, shaping the next generation of Saudi maritime professionals.

Secretary, Permanent Committee to Manage Maritime Disasters in Saudi Waters

2005 – 2024

Led efforts to coordinate national responses to maritime disasters, ensuring swift and effective action in times of crisis.

Investigation Officer, Maritime Disasters & Incidents

2000 – 2022

Investigated maritime accidents, identifying causes and recommending preventive measures to improve maritime safety.

EDUCATION & CERTIFICATIONS

- BA in Naval Sciences, King Fahd Naval Academy – Al-Jubail, KSA – 1989
- Master's Degree in Hydrography, Arab Academy for Science, Technology and Maritime Transport – 1998

RECENT CERTIFICATIONS

- Crisis and Disaster Management – Focused on managing crises at sea and effective disaster response strategies.
- High-Seas Seamanship Certificate – Certified in advanced maritime operations on the high seas.
- CIVILIAN & MILITARY COURSES
- Border Security for Officers
- Advanced Damage Control & Firefighting
- Maritime Borders Security
- Automatic Identification Systems
- SAR Program (COSPAS-SARSAT)
- Planning SAR Operations (SARIS)
- Preventive, Response, and Pollution Control

ACADEMIC ACHIEVEMENTS

- Developed and delivered advanced training programs for SAR and maritime safety, contributing to the professional development of Saudi Border Guard officers.
- Supervised and contributed to the curriculum of the Jeddah Academy, focusing on SAR operations, maritime law enforcement, and disaster management.

PUBLICATIONS

- Contributed to various maritime studies on SAR, disaster response, and hydrography.
- Authored papers presented at international maritime safety symposiums, focusing on Saudi experiences in maritime disaster management.

FUTURE INTERESTS & ACTIVITIES

- Furthering the use of Artificial Intelligence in Maritime Operations, focusing on integrating new technologies into SAR missions and crisis management.
- Continuing involvement in international maritime safety committees to promote and enhance global maritime security standards.
- Exploring opportunities in training and consultancy, offering expertise in crisis management and maritime security.

EXTRACURRICULAR INTERESTS & ACTIVITIES

- Maritime Environment Protection: Actively involved in environmental protection initiatives focused on preserving marine life and preventing pollution in Saudi waters.
- Mentorship & Leadership Development: Passionate about mentoring young officers and helping them develop leadership and decision-making skills in high-pressure environments.
- Conferences & Symposiums: Regular participant and speaker at international maritime and safety conferences, sharing insights on crisis management and SAR operations.