

# ELHUSSAIN MOHAMED MOHAMED ELGHAMRY

CHIEF MARINE ENGINEER | TECHNICAL SUPERINTENDENT

Email: [ghamry\\_g@yahoo.com](mailto:ghamry_g@yahoo.com)

Phone: +20-1005218155

An astute and results oriented senior professional leader, bringing over 23 years of extensive expertise in marine propulsion systems, vessel operations, offshore and onshore engineering, and the management of complex machinery within the marine and oil & gas sectors. Demonstrated ability to lead large-scale technical operations, optimizes vessel performance, and ensures regulatory compliance while upholding the highest safety and environmental standards. Seeking a leadership position to leverage strategic thinking, technical acumen, and team leadership skills to drive operational excellence, innovation, and business growth in a dynamic and challenging environment.

## PROFILE SUMMARY

### Technical Leadership and Strategic Management -

- **Strategic Planning & Resource Optimization:** Devising and implementing long-term operational strategies for fleet management, optimizing resource allocation, and achieving cost-efficiency without compromising safety or performance
- **Multi-Vessel Operations Oversight:** Extensive experience managing fleets of diverse vessel types, including container ships, bulk carriers, and offshore support vessels, ensuring seamless technical and operational coordination
- **Technical Expertise in Propulsion Systems:** Mastery in operating, maintaining, and overhauling advanced propulsion systems, including MAN B&W, Yanmar, and Mak diesel engines, achieving peak performance and longevity

### Preventive Maintenance and Reliability Engineering -

- **Predictive Maintenance Strategies:** Proficient in designing and executing predictive and preventive maintenance programs using cutting-edge tools such as AMOS, SAP, and PMS, minimizing downtime and extending equipment life cycles
- **Condition Monitoring:** Advanced knowledge of vibration analysis, thermal imaging, and other diagnostic tools to predict potential failures and optimize machinery performance
- **Lifecycle Management:** Skilled in managing the lifecycle of machinery and systems, including procurement, installation, commissioning, and decommissioning, ensuring maximum return on investment

### Safety and Regulatory Compliance -

- **Regulatory Compliance Expertise:** Rich understanding of international maritime regulations (ISM, MARPOL, SOLAS, and HSE standards), ensuring adherence through rigorous inspections, audits, and documentation
- **Environmental Stewardship:** Implementing pollution control measures and energy-efficient operations, significantly reducing the environmental impact of vessel operations
- **Risk Management:** Proven ability to perform detailed hazard assessments and implement mitigation measures, maintaining zero incident records in high-risk environments

### Operational Efficiency and Performance Optimization -

- **Performance Benchmarking:** Improving vessel performance through data-driven decision-making, engine tuning, and operational adjustments, achieving measurable gains in fuel efficiency and reliability
- **Crisis Management and Emergency Response:** Skilled in managing complex emergencies, including machinery breakdowns and environmental incidents, ensuring rapid recovery and minimal disruption to operation
- **Cross-Functional Collaboration:** Adept at working with cross-functional teams, including onshore technical teams, classification societies, and regulatory authorities, to ensure operational synergy and compliance

## TECHNICAL SKILLS

- **Maintenance Systems:** Accomplished in AMOS, SAP, and PMS systems for predictive maintenance and asset management
- **Propulsion Systems:** Specialist in advanced diesel engines, hydraulic systems, compressors, and auxiliary machinery
- **Diagnostic Tools:** Astute in thermal imaging, vibration analysis, and fault detection methodologies
- **Digital Skills:** Skilled in Microsoft Office Suite (Word, Excel, PowerPoint) for analysis, reporting, and documentation

## STRONG KEY AREAS

- ✓ **Operation & Maintenance of Heavy Machinery & Rotating Equipment:** Expert in overseeing the operation, maintenance, and troubleshooting of diesel engines, compressors, hydraulic systems, and freshwater generators, ensuring peak performance and minimal downtime
- ✓ **Power Plant Management & Inspections:** Proficient in managing marine power plants, conducting rigorous inspections, and implementing predictive maintenance strategies using AMOS, SAP, and PMS to enhance efficiency and ensure compliance with international safety standards
- ✓ **Training & Safety Compliance:** Skilled in training engineering teams on safe operation and maintenance procedures, enforcing ISM, SOLAS, and HSE protocols, and conducting risk assessments to maintain a zero-incident safety record in high-risk marine environments

## KEY HIGHLIGHTS ACROSS THE CAREER

- Recognized for outstanding leadership during crisis situations, ensuring zero casualties and minimal environmental impact.
- Improved overall fleet operational efficiency by implementing innovative maintenance strategies, achieving 10-15% cost savings
- Achieved a 15% reduction in downtime through predictive maintenance across multiple vessels
- Successfully led dry-docking projects across multiple vessels, ensuring 100% compliance with class society and safety requirements
- Enhanced team productivity and morale through strategic leadership and training initiatives, resulting in improved operational readiness

## PROFESSIONAL EXPERIENCE

### Danaos Co.

#### Chief Marine Engineer | 2024 | Key Result Areas:

##### Vessels Managed:

**Bulk Carrier (Cap Size):** 169,000 GRT | Diesel Propulsion | MAN B&W 60s70MC

**Container Ship (Phoenix D):** Diesel Propulsion | MAN B&W 10480MC | 1,000 kW

- Engineered a 15% improvement in vessel uptime by implementing advanced predictive maintenance programs, leveraging analytics to proactively address potential failures
- Reduced fuel consumption by 10%, contributing to cost savings and reduced emissions, through precise engine tuning and performance optimization strategies
- Directed a multi-disciplinary engineering team, streamlining workflows and enhancing productivity, while maintaining compliance with international safety and environmental standards
- Coordinated the installation and commissioning of advanced marine equipment, reducing installation timelines by 20% through meticulous planning and resource management

### Aramco Contract

#### Marine Engineer / Offshore Support Vessel (Arabiyah – 3) | 2019 – 2020 | Key Result Areas:

**Vessel Type:** OSV | Cutter Peller D399 | 6,000 kW

- Enhanced vessel reliability by designing and implementing a condition-based maintenance system, resulting in a 25% reduction in unplanned downtime
- Managed critical inspections for structural components, tanks, and machinery, ensuring 100% compliance with Aramco's stringent technical standards
- Collaborated with onshore technical teams to execute process improvements, reducing repair turnaround times by 15%
- Trained and mentored engineering crews, improving operational readiness and safety compliance across the vessel

### Express Namma

#### Chief Engineer | 2018 | Key Result Areas:

**Vessel Type:** R/O Passenger Ship | Diesel Propulsion | Mak M 543 (5,600 kW)

- Directed a major overhaul of propulsion and auxiliary systems, completing the project within 10% of budgeted costs while maintaining quality and operational standards
- Improved system efficiency by upgrading outdated equipment, leading to a 10% increase in energy efficiency

### United Arab Shipping Company (UASC)

#### Senior Engineer Roles | 2008 – 2013 | Key Result Areas:

**Vessels Managed:** Container Ships (MAN B&W 10480MC, 48,150 kW)

- Administered the introduction of fuel-efficient operational practices, resulting in a 12% reduction in fuel consumption across multiple vessels
- Successfully supervised dry-docking operations, meeting stringent classification society requirements and delivering projects ahead of schedule, also conducted comprehensive diagnostics and overhauls on propulsion systems, significantly reducing recurring faults and repair costs

### Famco Company – Worldwide

#### Engineer | Dec'05 – Oct'07 | Key Result Areas:

**Alzahraa:** General Cargo Ship (Diesel Propulsion, ZULZAR, 5,700 kW) – (Mar 2007 – Oct 2007)

**Alshimaa:** General Cargo Ship (Diesel Propulsion, ZULZAR, 5,700 kW) – (Dec 2005 – May 2006)

- Directed maintenance, diagnostics, and repair of diesel propulsion systems, auxiliary machinery, and critical equipment, including compressors, generators, boilers, pumps, and hydraulic systems
- Ensured adherence to IMO standards, SOLAS regulations, and HSE protocols through thorough inspections, surveys, and audits for vessel certification and operational readiness
- Managed advanced maintenance platforms (AMOS, SAP, PMS) to optimize preventive and corrective maintenance processes for maximum reliability and performance

- Led multi-disciplinary engineering teams, developed technical training programs, and executed preventive maintenance schedules to maintain operational efficiency
- Performed detailed structural and mechanical inspections, identified potential risks, and implemented mitigation strategies aligned with safety management systems (SMS)
- Supervised dry-docking operations, major overhauls, and repair schedules, ensuring seamless integration of technical procurement and supply chain coordination
- Implemented risk assessment frameworks, crisis response protocols, and emergency management procedures to ensure safety and operational resilience

EDUCATION

- ❖ **Chief Marine Engineer Certification**  
Arab Academy for Science, Technology & Maritime Transport | 2014
- ❖ **B.Sc. in Technology of Marine Engines**  
Arab Academy for Science, Technology & Maritime Transport | 1998

PERSONAL DETAILS

- **Date of Birth:** 27/06/1969
- **Place of Birth:** Sharkia, Egypt
- **Nationality:** Egyptian
- **Languages Known:** Arabic | English
- **Residential Address:** 48 Feisal City, Alexandria, Egypt

CERTIFICATIONS & TRAINING

Technical Certifications -

- ✚ **Management Level Refreshment Course** | AASTMT | Valid till 2025
- ✚ **Advanced Fire Prevention & Fire Fighting** | AASTMT | Valid till 2025
- ✚ **Proficiency in Fast Rescue Boats** | AASTMT | Valid till 2028
- ✚ **PSCRB (Proficiency in Survival Craft and Rescue Boats)** | AASTMT | Valid till 2025

Safety & Security Certifications -

- ✚ **Crowd Management Training** | Naval Postgraduate Studies Institute | Valid till 2028
- ✚ **Crisis Management and Human Behaviour Training** | Naval Postgraduate Studies Institute | Valid till 2028
- ✚ **International Medical Certificate for Seafarers** | Valid till 2025

Environmental & Regulatory Certifications -

- ✚ **Prevention and Combating of Marine Pollution** | AASTMT