



**Mark Bloom**  
BSc, CEng

### **Managing Marine Engineer**

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Mark Bloom is a Marine Engineer with 11 years of sailing and shipyard experience. During his time sailing he experienced a wide range of vessels including dry cargo/explosive ordinance, product tankers, ocean-going tugs, subsea cable repair, and special mission ships such as hospital ships and an expeditionary sea base. He sailed in all engineering officer positions up to and including Chief Engineer. Mark then transitioned to working at a new construction shipyard, supervising the Machinery Department in building new fleet replenishment oilers for the U.S. Navy. He oversaw the installation of all equipment ranging from main propulsion engines and powertrain to cooling water pumps, radars, and anchor windlasses. He is well versed in the latest ship building techniques and engine room operations.

### **Professional Qualifications**

Chief Engineer, Unlimited Horsepower  
Intern Engineer  
Person in Charge of Dangerous Liquid Cargo Operations  
Electrical Safety for High Voltage Operations  
EPA Universal Refrigeration Technician  
Advanced Firefighting

### **Academic Qualifications**

Bachelor of Science in Marine Engineering Systems  
Minor in Offshore Engineering

## Sea going Employment

Military Sealift Command – September 2013 to July 2022. Up to and including Chief Engineer

Vessel Types:

- Dry Cargo
- Product Tanker
- Ocean-going Tug
- Subsea Cable Repair
- Expeditionary Sea Base
- Hospital Ship

Types of propulsion:

- Diesel-Electric (AC and DC)
- Medium Speed Diesel
- Slow Speed Diesel
- Steam

## Surveying and Consultancy Experience

- Root Cause Analysis
- Cost Estimation
- Dry Docking / Docking Master
- Marine engineering systems and operations

## Shipyard Experience

- Vigor Marine, Portland, Oregon
- General Dynamics NASSCO, San Diego, California
- General Dynamics NASSCO, Norfolk, Virginia
- Colonna's Shipyard, Norfolk, Virginia
- Esquimalt Graving Dock, Victoria, BC, Canada
- Mitsubishi Heavy Industries, Yokohama, Japan
- Dry Docks World, Dubai, U.A.E.
- Remontowa Shipyard, Gdansk, Poland

**Experience of main and auxiliary engines:**

MAN B&W 9L 58/64

MAN B&W 9L 27/38

MAN B&W 12ASV25/30

Fairbanks-Morse 6L, 8L & 9L 48/60

Fairbanks-Morse 12V 48/60CR

Colt-Pielstick 10 PC4.2 V 570

Wartsila RTA 85

EMD 20-645F7B

Rolls-Royce

Yanmar

Daihatsu

Caterpillar

Cummins