



CURRICULUM VITAE

GARY CHARLES RAWLINGS

MARINE ENGINEER, MIMAREST

HEAD OF ENGINEERING

Contact Details

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Qualifications

- MAN ME Control systems course – 2017
- BOSIET – 2015
- Bond Salon Witness Training - 2014
- Diploma in Ships Superintendency with Accreditation in Marine Engineering, Lloyds Maritime Academy - 2007
- Class 1 Certificate of Competency - Motor - (Unlimited) - 1996
- National Diploma in Marine Engineering - 1988

Achievements

- Marine Engineer with twenty one year's seagoing experience, including ten years' experience as a Chief Engineer on a diverse range of vessels including large container ships, bulk carriers, geared general cargo ships, paper product carriers and dedicated refrigerated cargo ships.
- Experience on a range of Marine diesel engines up to 93,000 BHP.
- Experience on complex waste heat recovery systems, steam turbo generator coupled to gas turbines and shaft generator with a power output of 3.5 megawatts.
- Experience with New Building projects and machinery commissioning.
- Vessel dry docking experience as both Chief Engineer and Superintendent in charge.
- 6 years shore based experience as a Technical Superintendent and Fleet Technical Superintendent.
- 1.5 Years' experience as a Risk Manager with a leading P&I Club.



Background and Experience

Marine Engineer at TMC Marine Consultants Limited – February 2014 - Present.

- Numerous marine related casualty/incident/dispute investigations on-behalf of P&I and H&M insurers, Owners and Law firms;
 - Expert witness in High Court – Engine damage and Technical Ship Management – Cape Bonny
 - Expert Witness in Coroners Court – Boiler explosion resulting in a fatality.
 - Expert witness in arbitration/mediation
 - Ship damage survey and repair supervision
 - Ship crane dispute
 - Main engine damages, (Catalytic fines, sump contamination with water, fuel pump failures, bearing failures, cam shaft failures)
 - Generator and governor failures
 - Engine room flooding due to stern tube failure
 - Stern tube failures
 - Engine room fire investigation
 - Hull fouling and engine performance
 - Main Engine Turbo Charger Explosion and subsequent engine room fire investigation
 - Pre-purchase inspections and records review on tankers
 - Engine performance disputes
 - Condition surveys
 - Bunker quality/quantity disputes
 - Steering gear failures
 - Cargo hold contamination and structural failure
 - Grounding damage assessment
 - Hatch cover inspection and assessment
 - Domestic fuel consumption dispute
 - Cargo hold cleaning dispute
 - New building dispute – Heavy lift, semi-submersible vessels
 - New building dispute – Main engine and gearbox selection
 - Re-activation survey on FSO Tanker
 - Collision investigation and subsea power cable damage survey

Associate Director Risk Management (The Britannia Steamship Insurance Association Ltd)
- October 2012 – February 2014



- Initiating vessel condition surveys and evaluating the survey reports to ensure that Members operate in such a way as to minimise claims on the Club.
- Provide professional general advice to claims handlers and underwriters on technical issues and problems associated with claims and ship/fleet entries.
- Conduct management reviews at the main operating office of the ship owner to evaluate the organisational issues which will have a direct bearing on the safe operation of ships and thereby on the successful relationship between the Member and the Club.
- Conducting root cause analysis of an individual Member claims portfolio or a trend within a sector of the Club's Membership.
- Write articles for Britannia publications and bulletins disseminating 'lessons learned' from risk management activities and raising awareness of safety issues.

Fleet Technical Superintendent (London Ship Managers Ltd) July 2008 – September 2012:

- Manage all aspects of assigned vessels. Responsible for efficient technical management of vessels, compliance with Flag, Class and other mandatory or prescribed requirements and maintaining company's quality standards.
- The development and management of vessel operating budgets within area of responsibility, dry dock work and surveys, supplies to vessels, evaluating crew performance to ensure adequate competency and performance and regular visits and inspections of assigned vessels.
- Conduct vessel inspections. Ensure compliance with regulatory and company requirements. Note deficiencies and make plans for correction or improvement.
- Overall responsibility for maintaining a combined Fleet budget in excess of \$12m. Direct Purchasers on purchase of parts and other non-routine purchases, monitor Operational Expenses, approve invoices. Work with Purchasers and Fleet Accountant to resolve issues.
- Arrange and manage dry docks and surveys.
- Carry out internal ISM and ISPS audits on company vessels.
- Carry out internal office audits on the Marine and Crewing Departments.

Technical Superintendent (Seaspan Ship Management Ltd) Jan 2006 – July 2008:

Chief Engineer (Seaspan Crew Management Ltd) Oct 2005 – Jan 2006:

Seagoing Marine Engineer (Safmarine/Maersk) Jan 1985 – Oct 2005:

- Commenced cadetship with Safmarine in Jan 1985, progressed through the ranks and promoted to Chief Engineer in Sept 1996.