



## CURRICULUM VITAE

### **TOM MASTERS**

Marine Engineer, IEng, MIMarEng, MIMarEST

Director

#### **Contact Details**

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Nationality : British

#### **Qualifications**

- Class 1 Marine Engineer 111/2 - South Shields Marine College, 1992
- Class 2 Marine Engineer - Warsash Marine College, Southampton 1986
- Diploma in Marine Investigation (Lloyd's Maritime Academy)
- Incorporated Engineer, MIMarEST/MIMarEng
- ISM Lead Auditor
- METC and METC Advanced, Poplar Tech, Hackney College, 1978 -1982
- Bond Solon Expert Witness Course

#### **Achievements**

- Marine Engineer with 24 year's seagoing experience, including five year sailing as a Chief Engineer. Sailing on a variety of vessel's, including Ro-ro/Ro-Pax, High Speed Craft, Tankers, Handy Size Bulk Carriers, etc.,
- Experience on a wide range of Marine Diesel engines: two and four stroke, slow, medium and high speed engines,
- Vessel dry-docking experience as a Chief Engineer



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- Four years surveying and consultancy experience with a well-known London based P&I and H&M Insurer,
  - Three years surveying and consultancy experience with a well-known London based consultancy prior to joining TMC in 2013

### **Background and Experience- Surveying Employment**

April 2013- Present

Marine Engineer Surveyor, Director, TMC (Marine Consultants) Ltd

- Expert Witness for Arbitration, UK and Court Proceedings in USA (Deposition)
- Vessel Damage Surveys, Repair Supervision and Cost Analysis
- Grounding/Collision Damage Assessment
- Charter Party Disputes, Condition Surveys (Pre-purchase, Delivery/Re-Delivery)
- Main Engine Damage Investigations, (Cat Fines, Crankshaft/Camshaft/Bearing Failures), Engine Room Flooding
- Main Engine Turbo-charger Failure
- Engine Room and Accommodation Fire Investigation
- Pollution Investigations (Magic Pipes etc.)
- Cargo Damage Investigations, including Hatch Cover Failure Investigations
- Personal Injury Investigations
- Environmental Compliance Plan (ECP) Audits following Mandates handed down by the US Dept of Justice as a result of Oily Water Separator mismanagement,
- Wreck removal and Salvage,
- Performed P&I Loss Prevention/Condition Surveys,
- All forms of ship inspections on behalf of underwriters, brokers, owners, interested parties etc.
- Desktop Investigations – Crane and Engine Failures, Cost Analysis/Approval,

November 2012- April- 2013

Marine Surveyor, Brookes Bell

- All forms of ship inspections on behalf of underwriters, brokers, owners, interested parties etc,
- Claims investigations - H&M, P&I inc grounding/wreck removal,
- Re-activation surveys,
- Provided specialist knowledge and expertise to lawyers.



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September 2010- October 2012

Marine Surveyor, Braemar Technical Services:

- Expert Witness,
- All forms of ship inspections on behalf of underwriters, brokers, owners, interested parties etc,
- Claims investigations - P&I, H&M and fire damage,
- Set-up risk management systems with underwriters,
- Warranty surveys for loadout/stowage/discharge for project, heavy lift, specialist cargo etc,
- P&I, H&M loss prevention surveys, condition etc,
- Provided specialist knowledge and expertise to lawyers,
- Management reviews.

August 2006 – August 2010

Staff Surveyor, British Marine Managers:

- Conducted claims investigations into incidents on behalf of Claims Department. (cargo/machinery),
- Carried out P&I and H&M Loss Prevention surveys to company requirements,
- Carried out management reviews/audits on assureds with a view to improving their claims record and safety management,
- Provided technical assistance to company staff as required,
- Liaised with underwriters about vessels insured or quoted, advised about risk,
- Ensured loss prevention surveys were undertaken, reviewed risk assessments, and ensured corrective actions were relayed to the assured,
- Monitored the efficiency and suitability of independent surveyors that are used, or may be used, by the company on a worldwide basis,
- Carried out presentations to surveyors and shipping companies.

### Sea-Going Employment

1991 - 2006

Chief Engineer, P&O Ferries:

- Sailed from 3<sup>rd</sup> up to and including Chief Engineer.
- Technical budgetary responsibility for vessel.
- Managed procurement of all mechanical equipment and other fixture and fitting requirements.
- Assisted with set-up fleet wide risk assessment systems and then total responsibility for ship risk assessment.



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- Environmental Officer
  - Full departmental Health & Safety responsibility.
  - Involved in special projects involving ship re-fits and cost management programmes.
  - Responsible for a staff of up to 14, which included working regimes, development and appraisals.
  - Developed the design of IT programmes to aid business efficiency.
  - Managed ships to ISM Code & SOLAS and MARPOL regulations.

1978 - 1987

Merchant Navy Officer: Engineer Cadet up to and including 3rd Engineer, BP Shipping, Jardine Ship Management:

- Sailed on Geared Bulk Carriers, Tankers (Crude and Product).
- Maintained engine room, deck and cargo machinery both on a routine and non-routine basis.
- Watch-keeping engineer responsible for the safe and efficient running of engineering machinery for a variety of vessels.