



CURRICULUM VITAE

ROBERT PRIOR

BEng (Hons) MSc ACGI

Contact Details

Telephone: 020 7237 2617
Facsimile: 020 7481 4023
E-mail: rp@tmcmarine.co.uk

Date of Birth 01.08.1973

Professional Qualifications

BEng (Hons) Aeronautical Engineering, Imperial College London
MSc Maritime Engineering Science, University of Southampton

Graduate Member of RINA
Associate Member of SNAME

Background and Experience

Technical Consultancy
TMC (Marine Consultants) Ltd
August 1997 to Present
Naval Architect

Collision & grounding investigations including:

- Course recorder analysis
- VTIS/AIS data analysis
- Engine data logger analysis
- Analysis of ship's documents
- Speed and angle of blow calculations
- Calculation of hydrodynamic coefficients for manoeuvring models
- Extensive use of manoeuvring models
- Squat estimation calculations
- Equivalent speed in shallow water calculations

Programming including:

- Development of ship manoeuvring code
- Ship resistance and propulsion programs
- Plotting and animation programs
- Development of vessel bridge-view program
- Preparation of strength and stability programs
- Preparation of stability program (seamaster)

Calculations to ensure compliance with Classification Society Rules



CURRICULUM VITAE

ROBERT PRIOR

BEng (Hons) MSc ACGI

Flooding calculations

Regression analysis and curve fitting

Geodetic co-ordinates transformations, conversions and calculations

Analysis of ultrasonic survey results

Technical drawing

Construction of previous TMC web-sites

Employment History

Proctor Masts Ltd

April 1995 to August 1997

Composite Engineer

Production of carbon-fibre yacht masts, spars and components

Interests Outside Work

Scuba Diving

Playing Cricket for a small village in southern Oxfordshire

Golf

Watching London Wasps

Sailing

Australian Rules Football