



WILLIAM LESCHAEVE
BEng, PhD, MIMarEST, CEng, FRINA

Senior Naval Architecture

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William Leschaeve joined as a Senior Naval Architect in March 2019. He was employed in the marine consultancy industry prior to joining Brookes Bell, working for several consultancy firms as well as a classification society. He has Masters in Naval Architecture, specialising in yachts and small crafts from the University of Southampton. He specialises in marine casualty investigations including groundings, capsizes, total losses, cargo loss and collisions. He has provided assessments of wreck removal for Owners and Clubs on several occasions. He has attended on site during salvage and wreck removal operations in the capacity of company representative/technical advisor. He has participated in bid evaluations for large wreck removals focusing on technical feasibility and risk analysis.

He has advised clients on a number of important legal cases and given evidence in arbitration.

Professional Qualifications

Chartered Engineer (CEng)

MEng in Naval Architecture

Academic Qualifications

University of Southampton

Professional Associations

Member of the Royal Institution of Naval Architects

Previous Employment History

London Offshore Consultants Inc (New York/London office) - Naval Architect

Specialises in marine casualty investigations including groundings, capsizes, total losses, cargo loss and collisions. Investigated several casualties on behalf of P&I Clubs, Owners and other interests. Provided assessments of wreck removal for Owners and Clubs on several occasions. Has attended on site during salvage and wreck removal operations in the capacity of company representative/technical advisor.

Lloyd's Register - Naval Architect, Ship Emergency Response Service

Part of the on-call team responsible for running the emergency response software and maintaining the pre-prepared computer models of ships. Assessment of damaged stability, grounding forces and longitudinal strength during emergencies. Worked on at least 20 cases including: groundings, collisions and loss of stability in adverse weather conditions. Familiar with working under pressure and the need for prompt, well considered and accurate salvage engineering advice in emergency situations. Responsible for software maintenance and development as well as software training for new staff. Development of new methods for emergency response such as container ship e-loading.

QinetiQ Naval Architect Surface Ship Hydrodynamics and Ship Concept Design

Performed hydrodynamic calculations and research studies primarily for the UK defence sector. Assisted on the development of new ship concepts in the commercial and naval field. Participated in development work for the damaged seakeeping team using dedicated software developed by the Cooperative Research Navies. This included oversight of experiments and result post processing for the validation of the software, and development of a new code that includes dynamic longitudinal strength for damaged ships. Also performed seakeeping calculations for the Royal navy, including V-lines calculations, mast accelerations calculations for a T45 frigate.

Naval Architecture and Consultancy Experience

Investigation into and providing expert opinion on:

- Capsize analysis
- Groundings
- New building disputes
- Personal injury investigation
- Pollution control and oil recovery operations
- Project management of container off-loading and survey operations
- Pre-loading condition of cargo
- Safe port/berth investigations
- Salvage engineering advice
- Salvage operations
- Salvage and wreck removal cost analysis

- Stability and LS analysis following structural failure
- Strength and stability
- Technical bid assessment