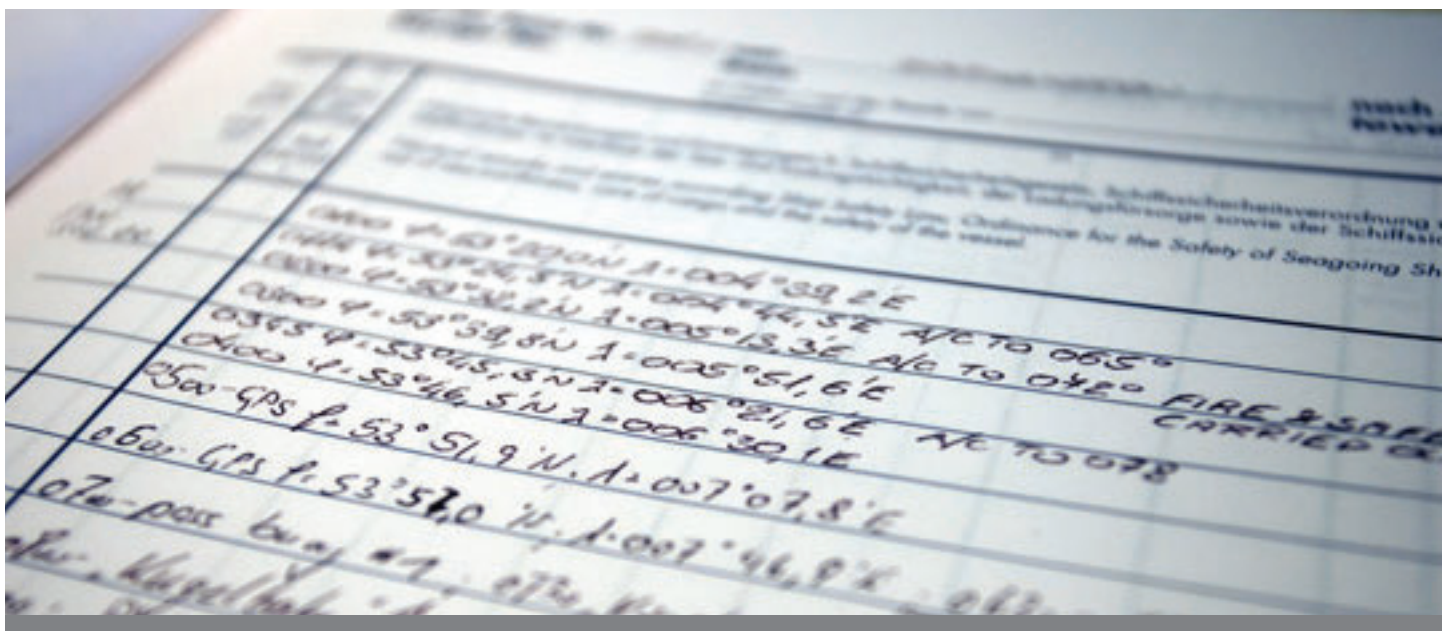


The Maritime Consultants

Marine Expert Services

BCTQ's Marine Expert Services division is a world leading consultancy which focuses on the provision of expert witness, forensic engineering, advanced computational analysis and associated services.

Our clients include the legal profession, insurance companies, governments and other organisations requiring the highest level of aptitude and experience in maritime professional services.



Marine Expert Services

We have an unrivalled pedigree, which has been founded on the extensive knowledge of the other divisions within the BCTQ group, allowing us to tap into a vast resource of skills in naval architecture, marine engineering, design and operation of vessels of all types.

All our Marine Expert Services consultants are highly qualified and accomplished individuals, with wide-ranging practical and theoretical experience and advanced analytical proficiency.

Our consultants are involved in major multi-disciplinary projects, as well as small scale studies and investigations, including litigation support for a broad range of topics. Services provided include all stages, from survey through to assistance with salvage, physical and scientific investigations, review of documents, analysis, report preparation, rebuttal, briefing of lawyers and the presentation of expert evidence.

Typical expert services include:

- Bridge and Engine Room Procedures
- Casualty Response
- Channel Design
- Collisions and Groundings
- Computer Simulation
- Container Lashings and Seafastenings
- Contract Changes and Over-Runs
- Corrosion and Cracking
- Course Recorder Analysis

- Design Suitability
- Electrical and Electronic Systems
- Finite Element Analysis
- Fires and Explosions
- Fishing Vessel Casualties
- Flooding, including Scuttling
- Hatch Covers and Seals
- Interaction (Ship/Ship and Ship/Bank)
- Machinery and Systems Failures
- Manoeuvring
- Model Testing
- Motions and Seakeeping
- Navigation
- Noise and Vibration
- Offshore Fixed and Floating Structures
- Personal Injuries
- Risk Analysis
- Rules and Regulations
- Salvage Seaworthiness
- Ship Building, Conversion and Repair
- Speed and Angle of Bow
- Speed and Performance
- Squat and Shallow Water Effects
- Stability (Intact and Damaged)
- State of the Art
- Steelwork and Welding Design
- Structural Failure
- Track Reconstruction



Burness Corlett Three Quays

www.bctq.com

Marine Design, Naval Architecture & Engineering Services • Marine Expert Services • Marine Safety Services • Marine Procurement • Marine Surveying Services

LONDON SOUTHAMPTON ISLE OF MAN DUBAI SYDNEY