



## ANTHONY YORK

### Chief Operating Officer

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Anthony York is the Director of Concept Design and Naval Architecture at Safety at Sea Limited, and became a Chief Operating Officer at Brookes Bell LLP in 2019 when the two companies merged. He has a BEng in Naval Architecture from the University of Strathclyde, and joined Safety at Sea Limited as a consultant when it was formed in 1999.

Anthony has considerable experience in the field of stability assessment and rule compliance for a variety of ship types and sizes, and has a detailed knowledge of the application of both deterministic and probabilistic stability standards. He is an experienced NAPA user and has knowledge of a number of other software packages e.g. HECSALV. He has worked on a large number of Ro-Pax and Cruise Liner conversion projects addressing aspects such as trim optimisation, bulbous bow and ducktail design, cargo capacity increases and new rule compliance. Anthony has extensive model testing experience in the area of STOCKHOLM Agreement compliance and has been involved in propulsion and trim optimisation tests for both large and small vessels. He has been directly involved in a number of concept designs for both Cruise and Ro-Pax platforms working with both design offices and yards, and has been involved in projects for flag states developing new stability standards.

Anthony has worked on a number of casualty investigations with involvement ranging from flooding simulations on COSTA CONCORDIA and stability calculations on small vessels such as Tugs and Fishing vessels. He has also been directly involved in salvage support and re-floating plan development for a number of vessels, has carried out collision surveys, and has attended court as an expert witness.

**Academic Qualifications**

BEng (Hons) 2/1 in Naval Architecture. University of Strathclyde, Glasgow, UK

**Professional Memberships**

Member of the Royal Institution of Naval Architects (MRINA)

**Previous Employment History**

Safety at Sea Limited, Glasgow - Director, Concept Design and Naval Architecture

University of Strathclyde, Ship Stability Research Centre, Glasgow - Naval Architect/Research Assistant

**Surveying and Consultancy Experience**

- Resource management
- Project management
- QA management
- ICT co-ordinator
- Accident investigation/litigation support (stability and flooding simulation)
- New-building design support (stability aspects)
- Stability conversion projects
- Stability rule development support for IMO, EC and flag administrations
- Stability conversion projects
- 3D animation and visualisation
- Stability upgrading to SOLAS '90/STOCKHOLM Agreement
- Survivability simulations
- Model test co-ordination for STOCKHOLM Agreement
- Model testing
- 3D animation and visualisation