



## Contact Details

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## Overview

- Senior naval architect
- 34 years of surveying experience
- 25 years as technical consultant & expert witness
- 14 years as director
- Chartered Engineer

## Employment

2007 – date TMC Marine – senior naval architect (director 2009)  
1998 – 2007 Brookes Bell – naval architect (associate 2003)  
1989 – 1998 Lloyd's Register – ship surveyor  
1988 – 1989 Earl & Wright – junior naval architect

## Experience

### Class Surveyor (1989-1998)

*Plan Approval* – initial training at Lloyd's Register (Fire, Load line, Stability, Tonnage depts.)

*Existing vessels* – responsible for scheduled and unscheduled class hull & statutory surveys on most vessel types: bulk carriers, oil tankers, chemical tankers, general cargo, multi-purpose, container ships, ro-ro vessels, cruise ships, cable layers, tugs, HSC ferries, yachts and small craft.

*New-buildings* – joint supervision on the following vessels: LPG tanker, chemical tanker, reefer vessel, multi-purpose vessels, heavy-lift vessels, tugs, HSC ferries, yachts and small craft.

### Technical Consultant/Surveyor (1998-present)

Attendances and investigation as a surveyor/expert witness for:

- Total loss, grounding/stranding, collision
- New-building disputes
- Class rules & regulations, statutory compliance
- Structural strength & stability analysis
- Condition surveys
- Damage inspections
- Salvage & wreck removal
- Invitations to tender & bid reviews

**WILLIAM BOYD**  
BEng CEng MRINA

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Case Examples (dated by involvement)

EVGENIA (1999), Brazil – bulk carrier, condition survey (attendance)  
ALBION TWO (1999), France – bulk carrier, total loss (attendance, investigation)  
SAN GWANN (1999), Norway – HSC ferry, new-build dispute (attendance, investigation)  
PEARL 1 (1999), Portugal – general cargo ship, collision (attendance, investigation)  
VOLCAN DE TAURO (2000), Italy – HSC ferry, new-build dispute (attendance, investigation)  
NORTHERN HORIZON (2000), UK – research vessel, capsize (attendance, investigation)  
MINA CEBI (2000), Poland – bulk carrier, collision damage (attendance)  
SOUTHERN AMELIA II (2000), Singapore – multi-purpose vessel, new-build dispute & salvage dangers (attendance, litigation)  
GAS VENEZIA (2001), UK – LPG vessel, berth damage (attendance)  
IEVOLI SUN (2001), Channel Is. – chemical tanker, total loss, cargo salvage (attendance)  
BUNGA MALATI 4 (2002), Belgium – chemical tanker, damage (attendance, investigation)  
WATERLOO PONTOON (2002), UK – RNLI Thames pontoon, conversion (attendance)  
LIFTER 1 (2002), Turkey – sheerleg crane, condition survey (attendance)  
BREMEN (2002), UK – research vessel, capsize (attendance, investigation)  
TRICOLOR (2003), Belgium – vehicle carrier, wreck removal (attendance, investigation)  
TRIDENT (2003-2011), UK – fishing vessel, total loss (attendance, litigation)  
FOWAIRET (2005), Belgium – container ship, stranding (attendance, litigation)  
UMFOLOZI (2006), Namibia – multi-purpose vessel, collision (attendance)  
MSC NAPOLI (2007), UK – container ship, wreck removal (attendance, investigation)  
SEA DIAMOND (2007), Greece – cruise ship, total loss (investigation)  
TASMAN PIONEER (2007), New Zealand – general cargo ship, sinking (litigation)  
BURGESSEN FPSO (2008), USA – FPSO vessel, conversion dispute (investigation)  
CRETE CEMENT (2008), Norway – cement carrier, salvage (attendance)  
GRACIA (2008), Greece – bulk carrier, total loss (investigation)  
HANJIN ELIZABETH (2008), Panama – container ship, structural damage (attendance)  
PACIFIC ALLIANCE (2008), Singapore – tanker, salvage (attendance)  
SOLONDO (2008), Sierra Leone – bucket dredger, capsize (attendance, investigation)  
AL SHAYMAA (2009), Belgium – general cargo ship, cargo shift (investigation)  
BRAILA SHIPYARD (2009), Romania – 2x supply vessels, new-build dispute (attendance)  
MSC ANTARES (2009), Brazil – container ship, salvage (attendance)  
SOCOL III (2009), Baltic Sea – timber carrier, cargo shift (litigation)  
KOTA LAGU (2010), Belgium – container ship, grounding (litigation)  
FURNESS MELBOURNE (2010), Morocco – bulk carrier, salvage (attendance, litigation)  
MSC CHITRA (2010), India – container ship, grounding (initial attendance)  
NOBLE HAWK (2010), Indonesia – bulk carrier, salvage (attendance, litigation)

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ROWAN (2010), USA – tanker, structural failure (litigation)  
ASIA SYMPHONY (2011), Japan – general cargo ship, salvage (attendance)  
FIDELIO (2011), Israel – Ro-Ro vessel, cargo shift (investigation)  
PACIFIC CARRIER (2011), South Korea – bulk carrier, salvage (attendance)  
RENA (2011-2013), New Zealand – container ship, salvage/wreck removal (attendance)  
VINALINES QUEEN (2012), Indonesia – bulk carrier, cargo liquefaction (investigation)  
AMSTERDAM BRIDGE (2012), India – container ship, flooding (investigation)  
CHEMROUTE SUN (2012), China – chemical tanker, new-build dispute (litigation)  
FLAG EPOS (2012), Greece – bulk carrier, hull damage (investigation)  
FLASH (2012), Tunisia – bulk carrier, salvage (attendance)  
MED PACIFIC (2012), Turkey – chemical tanker, salvage (attendance)  
STRASLUND FERRIES (2012), Germany – short sea ferries, new-build dispute (attendance)  
ALINA II (2013), South Africa – bulk carrier, grounding (attendance, litigation)  
HANJIN ITALY (2014), Singapore – container ship, salvage (attendance)  
MAWADDAH (2014), Sudan – ferry, salvage (remote advice)  
MARITIME MAISIE (2014), South Korea – chemical tanker, salvage (attendance)  
SEWOL (2014-2017), South Korea – passenger ferry, wreck removal (attendance)  
ANNA BO (2015), Indonesia – bulk carrier, cargo liquefaction (investigation)  
VICTORIA (2015), Poland – bulk carrier, rudder loss (attendance)  
ASIAN EMPIRE (2016), Pacific – vehicle carrier, fire damage (investigation)  
CORINTHIAN (2016), Portugal – passenger ship, rules compliance (attendance)  
GRUMANT (2017), North Sea – bulk carrier, anchor loss (attendance, investigation)  
CSCL JUPITER (2017), Belgium – container ship, grounding (attendance)  
KEA TRADER (2017-2019), New Caledonia – container ship, salvage/WR (attendance)  
CV STEALTH (2018), Trinidad & Tobago – oil tanker, lay-up condition (attendance)  
GASLOG (2018), Aarhus – LNG vessel, radiography (attendance)  
MSC ZOE (2019), Bremerhaven – container ship, stow collapse (attendance, investigation)  
ADAMASTOS (2019), Mexico – container ship, stow collapse (investigation)  
NARLUNEQ (2019-2020), Greenland – fishing vessel, wreck removal (attendance)  
KARISH-TANIN (2020), China – FPSO vessel, new-build dispute (investigation)  
DBCT (2020), Australia – barge mooring failure (investigation)  
ALESSI (2020), Uruguay – general cargo ship, class rules (investigation)  
BALTIC MARINER I (2020), Las Palmas – product tanker, class rules (investigation)  
SEA PUFFIN 1 (2020), UK – wind farm vessel, flooding damage (attendance)  
VB 10000 (2020), USA – heavy lift vessel, mooring analysis (investigation)  
MSC ELOANE (2020), China – container ship, stow collapse (investigation)  
HARCOURT (2021), Nigeria – oil tanker, class rules (investigation)

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YM KEELUNG (2021), Australia – container ship, stow collapse (investigation)  
GO REGULUS (2021), South Africa – drydock, caisson failure (investigation)  
LOUIS (2021), Ukraine – drydock, caisson failure (investigation)  
YANTIAN EXPRESS (2021), Bahamas – container ship, container damage/loss (investigation)  
DS VALENTINA (2021), Algeria – oil tanker, structural analysis (investigation, litigation)  
TAMANGO (2021-2022), Norway – fishing vessel, wreck removal (attendance)  
MSC INES (2022), South Africa – container ship, damage repairs (investigation)  
DUKE OF LANCASTER (2022), UK – passenger ship, general condition survey (attendance)  
ELANDRA OSPREY (2022), Portugal – oil tanker, damage condition survey (attendance)  
STINGRAY (2022), USA – bulk carrier, crane damage (investigation)  
AKTEA R (2022), Australia – bulk carrier, alleged stevedore damage (investigation)  
GLORIA CONFIDENCE (2022), Netherlands – bulk carrier, anchor damage (litigation)  
AMAL T (2022), Brazil – bulk carrier, rudder loss (investigation)  
MARGARA (2022), Puerto Rico – chemical tanker, grounding (investigation, litigation)  
SERENIN (2023), Spain – fishing vessel, wreck removal (remote assistance)  
CITY OF WESTMINSTER (2023), UK – dredger, life extension plan (survey planning)  
VIKING POLARIS (2023), Antarctica – passenger ship, class compliance (investigation)  
ZODIAC (2023), Antarctica – RHIB, hull damage assessment (investigation)  
IMPERIAL EAGLE (2023), USA – bulk carrier, fire protection compliance (investigation)  
AGIA DYNAMI (2023), Greece – bulk carrier, tail-shaft damage (attendance)  
MAREN (2023), Turkey – container ship, cargo & pollutants removal (attendance)

**Qualifications/Affiliations**

HND Naval Architecture & Shipbuilding, 1985

MBTT prize, 1984-1985

BEng. Hons (1<sup>st</sup> class), Naval Architecture & Shipbuilding, 1988

Swan Hunter prize, 1987

Member of Royal Institution of Naval Architects (MRINA)

Member of Society of Marine Engineers & Naval Architects (MSNAME)