

CAPTAIN PETER J McARTHUR MNM. MBA LLB(Hons), CMMar, CMarTech, FNI, MCIArb

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EXPERIENCE

Chartered Master Mariner, Qualified Lawyer, Maritime Technical & Commercial Consultant, Expert Witness.

I have over 45 years of command, piloting and technical consultancy experience in the Shipping, Offshore energy, Ports and Harbour sectors. My extensive background in Marine Operations, Technical Consultancy, Incident Investigations along with my specialist skills in ship-handling, vessel hydrodynamics and navigational competence underpin my expert credentials.

I am a supporting member of the London Maritime Arbitrators Association (LMAA), a Member of the Chartered Institute of Arbitrators and Series Editor for Lloyds Practical Shipping Guides.

Industry Experience Includes:

- Over 22 years as a Marine Pilot
- 23 years Seagoing including Command (STCW Master II/2 (Unlimited))
- Extensive Service on Oil and Chemical Tankers, Bulk Carrier, Timber and Vehicle Transporters
- Port Captaincy
- Marine and Dry-dock Superintendent
- Industry-wide Marine Technical Consultant
- Oil rig (Semi-submersible)
 - Barge Master, Tow Master and Offshore Installation Manager (OIM), Superintendent.
- Bachelor of Laws Degree
- Master's in Business Administration
- Holder of the Merchant Navy Medal for Meritorious Service (MNM)
- Worlds first Chartered Master Mariner
- Chartered Marine Technologist
- International Arbitrator Certification
- Qualified Civil and Commercial Mediator (SCMA)
- Nautical Institute qualified Navigational Assessor
- Younger Brother of Trinity House
- Fellow of the Nautical Institute
- Fellow of the Institute of Marine Engineering, Science & Technology
- Associate Fellow of Royal Institute of Navigation
- Member of the Chartered Institute of Arbitrators
- Member of London Shipping Law Centre (LSLC)

- Supporting Member of London Maritime Arbitrators Association.
- CAA (Commercial Operations) Qualified Drone (UAV / UAS) Pilot

Areas of Expertise:

- Harbour Pilotage
- Bridge team, vessel command and cargo operations.
- Safety of Life at Sea (SOLAS) – including Personal Accidents, Injury & Deaths.
- Ship Handling, close-quarters manoeuvring and Collision Regulations (COLREG) issues.
- Navigation and voyage performance
- ECDIS and Electronic Voyage Data Recorder (VDR) Analysis and Interpretation
- CCTV Analysis and Interpretation
- Moorings and Cordage Consultancy – including on / off hire disputes
- Ship Hydrodynamics and Vessel / Static infrastructure Interaction
 - Hydrodynamic related collisions
 - All aspects of Marine Weather and Associated Issues
- Vessel Synchronous and Parametric motions – and associated incidents.
- Port Operations, Navigation and Harbour Regulations.
- Tanker, Bulk and Timber Carrier and Ro-Ro cargo operations.
- Vessel Groundings and Salvage
- Subsea Cable and Pipeline Damage – including bottom-trawling related investigations
- Not Always Afloat but Sometimes Aground (NAABSA) Berth and related incidents.
- Dry-Dock and Wet-Dock Project Management
- Heavy lifting operations
 - Port and Mobile Cranes
- Port Berth Operations
- Port Safety and Security
- Offshore Oil Rigs (Semi-Submersibles)
 - Towing and Movement (all aspects)
 - Damage – including Heavy Weather
 - Deck and Operational
- Inland Waterway, Tidal Rivers and Canal incidents and issues.
- Port Planning and Traffic Separation Scheme Development
- Tugs and Towing
- Small craft and Sailing Vessel operation and incidents
- Unmanned Aircraft (UAV / Drone) Operations
 - CAA Permission for Commercial Operations (PfCO) licencing.
 - Aerial (Drone / UAV) Surveying

As an accredited trainer, I have developed a range of bespoke maritime training courses on the subjects of:

- Hydrodynamics and Interaction
- Berth safety and mooring operations
- Ship handling in close quarters situations
- Ship stability, synchronous and parametric motions – and how to deal with them.
- Port and Harbour Towing operations
- Pilotage law and the law for pilots.

Current Positions:

- Senior Pilot for the Manchester Ship Canal
- Director of Norwest Interaction Ltd – Independent marine and technical consultancy
- Navigation and port safety consultant to the UK Environment Agency
- Marine expert witness for HKA
- Marine technical and legal consultant for Crouch Harbour Authority and Trust Commissioners
- Member of the Worshipful Company of Arbitrators
- Warden of the Honourable Company of Master Mariners (HCMM)
- Deputy Chair for Chartered Master Mariner Registration Authority
- HCMM nominated Nautical Assessor for the Admiralty Court of Appeal
- HCMM nominated Nautical Assessor for the UK Supreme Court
- Series Editor for Lloyds Practical Shipping Guides

Former Positions:

- European Car Carriers (UECC) Grimsby: Senior Officer and Ships Master
- Transocean Offshore / Wilrig UK: Rig technical specialist, Tow Master, Barge Master, Barge Engineer.
- SGS Redwood (Saudi Arabia): Marine Surveyor, Port Captain/ P&I Surveyor / Classification inspector.
- Humberside Sea & Land Ltd: Berthing Master, Operations Manager; Hydrographic Surveyor
- Caleb Brett USA: Cargo Surveyor and Marine Technical Consultant
- F.T Everard & Sons: Port Captain, Dry-dock Superintendent, Senior Officer.

Notable Expert Appointments include:

- *Xin Ping Yang v. Princess Mary (2010)*: Collision in Malacca Straits (Singapore Court)
- *Costco Napoli (2010)*: Near miss in port (Independent analyst and hydrodynamic consultant)
- *Costa Classica v. Lowlands Longevity (2011)*: Separation scheme collision (Shanghai)
- *Braganza v. BP Shipping Ltd (2015)*: Loss of life at sea. (Resulted in *Braganza rights* precedent)
- *Llys Helig v Malden DC (2017)*: Riverbed salvage – independent advisor for Harbour Authority
- *UK Environment Agency (2017)*: Expert witness for the Boston flood defence barrier, public inquiry.
- *GGT v TN Trawlers 2018*: Sub-sea cable severed (Edinburgh Court of Sessions)
- *UK Environment Agency (2019)*: River navigation, ship-handling and port safety.
- *M/V Agios Fanourios (2019)*: Charter party and on-hire survey issues.
- *Carrotta v. Clipper (2019)*: Safety at Sea, personal injury.
- *UK Environment Agency & Jacobs (2019 – 20)*: Port operations and mobile Cranes.

Publications:

- Ship hydrodynamics and the effects in interaction
- Molecular hydrodynamics
- Ship handling and manoeuvring
- Port Management and Operations
- Marine Cargo Management
- Safety Management and ISM Codes