

CURRICULUM VITAE

NAME: MEDHURST, JOHN S. (Dr)

NATIONALITY: British

DATE OF BIRTH: 21.09.47

QUALIFICATIONS: B.Sc. Marine Engineering, University of Newcastle-upon-Tyne (Weighton Memorial Medal)
Ph.D. Naval Architecture (ship performance), University of Newcastle-upon-Tyne.
European Engineer (Eur.Ing.) 1990, Chartered Engineer (C.Eng.) 1981, Chartered Marine Engineer (CMarEng). Solicitor of the Supreme Court 1973 (non-practising).

MEMBERSHIPS: FIMarEST, FRINA, FCMS (Council Member 1989 - 1991), MIMechE, MSNAME, MAE.
FCIArb, SCMA Panel Arbitrator, Supporting Member LMAA (“Aspiring Full Members” List)

EMPLOYMENT HISTORY:

August 2011 to date **Newman Giles Paines & Company Limited**
- Marine Consultant, Surveyor, Expert Witness and Arbitrator
Specialising in computation and technical analysis in marine engineering and naval architecture. Propulsion, control systems and dynamics, propellers (including CPP), rudders and steering gear, manoeuvring, seakeeping, container securing, structural analysis, refrigeration, performance, pumping, coatings, shipbuilding disputes.
Arbitrator specialising in technical disputes including newbuilding and “sale and purchase”.

2005 – 2011 **Newman, Giles & Company Limited**
2002 - 2005 **Gordon Marine & Company Limited**
1998 - 2002 **Gordon, Giles & Company Limited**
1995 - 1998 **Vine Gordon & Company Limited** (all associated companies)
- Marine Consultant, Surveyor, Expert Witness and Arbitrator
Also engaged in Quantified Risk Assessment, technical, management and cognitive human factors consultancy and research in a wide range of high risk industries, including shipping, offshore, petrochemical, railways and aviation.

1991 - 1994 **London Underground Limited**
- Lift & Escalator Engineer (General Manager / Chief Engineer)
Interim Management, implementing extensive technical and organisational change.

1985 - 1991 **Vine Abel & Company Limited -**
- Marine Consultant, Surveyor and Expert Witness.
Casualty, litigation and expert witness work world wide. Technical analysis.
Relief surveyor for Lisbon office. Director of Vine Abel London from 1987.

1981 - 1985 **International Paint (Courtaulds Coatings)**
- Consultant Hydrodynamicist (Ship Performance Group, Newcastle University)
Theoretical and experimental research into hull and propeller condition and performance.
Author of publications on hydromechanics, ship performance and maintenance economics.

1979 - 1981 **Blue Star Ship Management**
Seagoing Engineer Officer on refrigerated break bulk and container ships.

1977 - 1979 **Swan Hunter Shipbuilders, Tyneside**
Graduate apprenticeship, sandwiched with marine engineering degree studies.
Fitter, Quality Control & Commissioning Engineer, Engineering Installation Manager.

1976 (June – September) **Ocean Transport & Trading (Ocean Fleets), Liverpool**
Technical assistant, Ship Procurement Division, working on specifications.

1967 - 1975 **Ince & Co.**
- Articled Clerk/Assistant Solicitor; qualified 1972.
Specialising in maritime law, particularly collision, salvage and technical disputes.

SPECIALIST SKILLS AND INTERESTS: Computer hardware and software - system architecture, business and scientific software, CAD, graphics: programming (author *Marinus* ship manoeuvring and *Neptunus* container securing programs). Hydrodynamics, seakeeping, navigation, cartography, meteorology, FEA, simulation, control systems and power electronics. Aviation: current JAR-FCL PPL(A) NQ IMC.