



Keith Charles

BSc

Marine Civil Engineer

Keith is a senior civil engineer with over 35 years' experience in the marine and offshore oil & gas industries. He provides specialist civil engineering consultancy services to P&I Clubs, insurance companies, lawyers, ship owners, port owners and operators, and other members of the maritime engineering community.

His principal activities concern the survey of damages to marine structures and mechanical handling equipment on a worldwide basis. Typical services involve providing engineering advice on the scope of damage, methods and costs of repair, review of business interruption and loss of use claims and when required, management of the repair works. In 2010 he authored a book on Fixed Object Damage, and has previously served on a Pianc committee for Inland Navigation Safety. He has given numerous presentations on the subject of marine casualties involving port structures.

In December 2017 Keith joined Integra Technical Services (UK) Ltd from London Offshore Consultants Group where he worked from 2002 in both their Houston and London Offices. Prior to this he has worked on various multi-disciplined projects on behalf of several large engineering and oil and gas companies including, Amec/Matthew Hall, Davy McKee, Constructors John Brown, Shell, British Gas, and Lloyds Register both in the UK and overseas.

Qualifications

- BSc Civil Engineering

Work experience

- Marine Insurance – Technical expert – 12 years
 - London Offshore Consultants, London & Houston
- Marine Warranty – 2 years
 - London Offshore Consultants, London & Houston
- Marine & Offshore Engineering- design, construction & installation- 23 years
 - London Marine Consultants, London & Houston
 - Lloyds Register, Houston
 - Shell Expro, Aberdeen & London
 - British Gas, London & Reading
 - Mathew Hall Engineering, London
 - Storoil Systems Ltd, London
 - Protech International (UK) Ltd, London
 - Rig Design Services, London
 - CJB Earl & Wright, London

Specialist areas of activity

- Port Casualty including property and business interruption claims
 - Suspended deck quays and jetties
 - Sea walls, sheet pile, blockwork, caisson
 - Fenders
 - Mooring & berthing dolphins
 - Marine Loading Arms
 - Single Point Moorings (SPMs) & Conventional Buoy Moorings (CBMs)
 - Bridges
 - Underwater pipelines & cables
 - Offshore Platform
- Quayside Cargo Handling Cranes, Shiploaders & Conveyor