



AqualisBraemar provides independent technical expertise and analysis to the renewables, maritime, oil & gas and power sectors globally.

Our multidisciplinary engineering, marine and adjusting teams are recognised as industry leaders for their **competence** and **experience**.

Rig Moving & Marine Operations

We offer a full range of rig moving support services for mobile offshore drilling units with specialist expertise in jack-up rig moving. This includes geotechnical review and full location and field site-specific engineering assessments. We provide marine warranty surveyors or rig movers/tow masters during rig moves.

Our global team of qualified and experienced master mariners assist clients to find practical solutions during the planning and execution phases of their marine operation or offshore project. We provide marine consultants and advisors to oil companies and their contractors on a wide range of offshore activities.

Rig Inspections

We offer a wide range of rig inspection services, providing regulatory compliance and equipment operability assurance to our clients. Our rig inspection teams develop and execute bespoke rig inspection acceptance programs specifically tailored to our clients' needs.

Our aim is to provide independent technical reviews of drilling rigs' regulatory compliance and equipment operability to ensure incident-free drilling campaigns with maximum productive time.

Dynamic Positioning & Critical Systems

We aim to assist our clients to operate and validate according to their units' specific industrial mission, including drilling units, project and construction vessels, DSVs, accommodation units, shuttle tankers and OSVs. Whether identifying the critical activity mode or verifying the worst case failure mode through FME(C)A, AqualisBraemar aims to provide clients with independent technical reviews to enhance safe operations.

Transportation & Installation

We provide valuable early planning and advice to optimise the solutions regarding vessel and equipment selection, structural design and offshore procedures. Subsequent engineering comprises analysis and design associated with all temporary phases of a marine operation, from loadout and transportation to installation or discharge of high-value offshore assets.

Marine Warranty

Our teams of marine warranty engineers, surveyors and master mariners act to protect underwriters' interests or self-insured clients.

We provide independent third-party review and approval of offshore projects. The teams have extensive experience in a wide range of offshore activities from simple marine operations to complex and challenging offshore projects.

Typical activities may include:

- Document reviews
- Marine spreads suitability surveys
- Towages, heavy lifts and installation approvals
- Float-on, dry transportation & float-off on semi-sub heavy lift vessels
- Subsea installations
- Decommissioning and removal of offshore structures
- Project cargo (land/sea)

Yacht Services

Superyachts are a dynamic sector of the marine industry with their own unique challenges.

AqualisBraemar combines a truly worldwide presence, early response capability and proven reliability to deliver a distinctive bespoke service with exceptional technical content.

- Casualty investigations
- New construction, conversion, refit and repair project management
- Sale and purchase services
- Safety and loss prevention surveys

Ports & Harbours

Our Ports & Harbour team provides port capacity and operational simulation studies.

Utilising our dual-purpose software package (BRAEVURA ©), we can accurately model existing and future traffic flows using AIS data to predict capacity, utilisations and to assess the effects on marine traffic of proposed modifications, such as the introduction of new berths, vessel types or navigation rules.





Casualty Investigations

We offer a range of marine damage investigation services to the shipping and offshore energy insurance markets. Sectors include cargo, construction, liability, P&I and loss of hire, salvage and hull & machinery surveys.

Our investigation, evidence gathering and analytical skills provide insurers, clubs and ship owners with unparalleled expertise. Our global response capability, accuracy and integrity in reporting, enabling timely investigation and prompt settlement of valid claims.

Adjusting

Our team of loss adjusters are recognised as industry leaders by insurance and reinsurance markets worldwide. Any claim assigned is evaluated in terms of its technical challenges, specific engineering discipline(s), insurance conditions, geography, language and cultural nuances. Classes of insurance handled include:

- Energy
- Marine
- Mining & heavy industry
- Pollution liability
- Power & utilities
- Renewables

Renewables

(OWC) Offshore Wind Consultants is a specialised and globally focused engineering consultancy providing independent services to the offshore wind industry. OWC's core team possesses strong industry expertise dating back to the first UK offshore wind farm development. With the team involved in most of the major offshore wind projects in Europe, Asia and the US, the key services offered include:

- Project development services
- Owner's engineering
- Due diligence

Engineering & Naval Architecture

Our team of engineers, naval architects and control and automation specialists are highly regarded within both the energy and marine industries, providing specialist engineering and consultancy services for marine, offshore and land-based projects.


- Marine transportation/vessel design
- Offshore installation
- Pipeline installation engineering
- Commissioning supervision
- Structural and geotechnical
- Floating production and storage units – (FPSO, FSO, FSRU, FSU, FLNG)



Expert Witness & Consultancy

AqualisBraemar's team offers services to legal firms, insurers, finance houses and banks, oil majors, vessel owners and managers, regulatory bodies and other organisations that require experienced, knowledgeable and reliable expertise delivered with integrity. Our in-house technical disciplines include:

- Civil engineers
- Drilling engineers
- DP engineers
- Electrical engineers
- Geotechnical engineers
- Marine engineers
- Master mariners
- Mechanical engineers
- Naval architects
- Process engineers
- Quantity surveyors
- Structural engineers
- Subsea engineers
- Wind engineers



Our worldwide network of strategically placed offices enables us to service our clients on a global and regional basis; providing 24-hour response capability 365 days of the year.

For additional information on our wider service offering please visit our website **aqualisbraemar.com**



Emergency Response Line

Call: +44 (0)203 142 4350

The AqualisBraemar group operates under three distinct brands globally:

AqualisBraemar

A leading engineering, marine and adjusting consultancy to the renewables, maritime, oil & gas and power sectors.

AqualisBraemar Yacht Services

A specialised marine consultant to the superyacht sector.

OWC

An independent consultancy to the offshore renewables sector.

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