



## Services

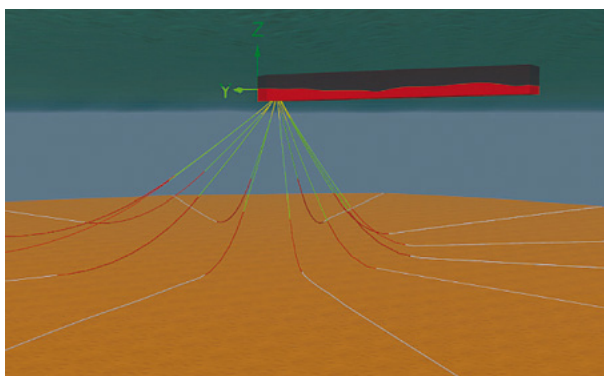
# Mooring System Assurance

**Maritime Assurance & Consulting (MAC) offers first-class mooring system assurance services on a vast range of marine, offshore and renewable projects.**

MAC prides itself on a great depth of experience through its people. Each project is different, and a proactive, tailored approach is adopted to meet the requirements of the client.

MAC offers services which are independent of any regulatory authority, designer, installer or hardware provider, ensuring no conflicts of interest exist.

Working closely with the client, the MAC team can prepare analysis models, perform analyses and provide detailed documentation for issue to the relevant authorities. In addition, MAC can liaise with location approval providers and act as an interface between the client and mooring system installation contractors/rig movers.



MAC has the capability to provide mooring system assurance services covering a variety of client requirements including:

- Survival and operating mooring analyses for mobile drilling units, TSVs and flotels
- Mooring system strength and fatigue analyses for permanent mooring systems
- Catenary calculations
- Mooring system concept design and evaluation
- Third-party verification of mooring analyses
- Mooring system hardware verification
- Mooring system design specification
- Operability analysis
- Offshore project management and engineering
- Mooring system arrangement drawings
- Rig move services and client representation
- Derivation of vessel motion response (RAO) data
- Marine warranty for mooring system installation, vessel hook-up etc.

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### Contact MAC for further details

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