



Naval Architecture  
and Marine Solutions

## Mooring Services

Naval Architecture and Marine Solutions' is able to offer a detailed design and analysis service ensuring your mooring system is fit for purpose, and is appropriate to the operational and environmental conditions of your vessel or floating facility; to protect the safety and security of your investment.

Our engineers have extensive experience in the design and analysis of:

- Working Moorings
- Cyclone Moorings
- Specialist Mooring Systems
- Mooring Buoys
- Working Moorings
- Special Marker Buoys
- SPAR buoys
- Floating navigation aids
- Anchors
- Temporary and Permanent systems

All NMS mooring systems are custom designed for a specific mooring location, and vessel or floating structures characteristics.

We assess the mooring and environmental loads, including anchorage conditions and will specify suitable materials and configuration, to the relevant industry standards, with engineering reports, technical specifications and drawings. This detailed information is often required by Port Authorities, Government agencies and Insurance companies.

In addition we can also develop the installation procedures, and oversee the installation on behalf of our client.

For clients with existing moorings, we can prepare a review of the mooring system, to ensure its on-going suitability.