

Semi submersible and self elevating units

OIL AND GAS
SERVICES

Throughout the design, construction and operational phase for semi submersible and self elevating units, the Lloyd's Register Group can provide its clients with assistance and advice on technical integrity and regulatory matters across a wide range of engineering disciplines.

We have also developed a process for integrating our traditional marine-based service range with Integrity Management expertise gathered over many years of involvement in the survey and inspection of semi submersible and self elevating units.

Portfolio

The Lloyd's Register Group is well known, as a key IACS member, for its traditional portfolio of services for semi submersible and self elevating units based upon the marine model of Classification and Certification.

We maintain a range of Classification Rules, including Mobile Offshore Units (prescriptive only) and Floating Offshore Installations at a Fixed Location (risk based and prescriptive).

Additionally, our experience of working with Safety Case Regimes, Verification and Integrity Management Schemes (now applied globally) is unrivalled.

We also have a number of consultancy services.

New construction / conversion services

Our services include:

- concept evaluations
- FEED design reviews
- regulatory advice
- owner pre-classification consultancy assistance
- Rules based classification/certification
- statutory compliance
- verification to safety case/goal setting regulations
- type approval services.

Operations phase services

In addition to the new construction services the following specific operational phase services are available:

- integrity management services, including risk based inspection, risk based maintenance schemes and corrosion risk assessments
- hull and machinery planned maintenance schemes (training and authorisation of personnel on board to carry out surveys on behalf of the Lloyd's Register Group)
- operations phase classification, certification and verification written scheme of examination



Consultancy services

Our consultancy services include:

- vessel condition/suitability surveys, for conversions, life extensions, etc.
- safety technology services (including safety case preparation)
- independent strength, redundancy and fatigue
- re-assessment of aging semi submersibles and self elevating units and recommendations for mid-life enhancement
- Safety Emergency Response Services (SERS), for 24/7 worldwide assistance
- Fuel Oil Bunker Advisory Services (FOBAS)
- mooring and riser analysis
- technical investigations.



Summary of business benefits

In choosing the Lloyd's Register Group you are assured of a service which provides:

- practical experience and expertise in all aspects of the strategic and operational management of safety, reliability, business and project risk
- access to multi-disciplinary teams with competence across all type of fixed and floating structures, pipelines, subsea and corrosion engineering, system integrity and criticality based verification
- with our experience we can tailor and combine our services to provide a cost effective solution which is focussed on the clients concerns and will enhance his project

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**For further information
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**Lloyd's
Register**

LIFE MATTERS