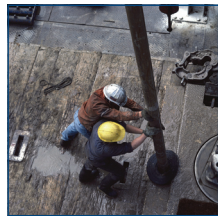
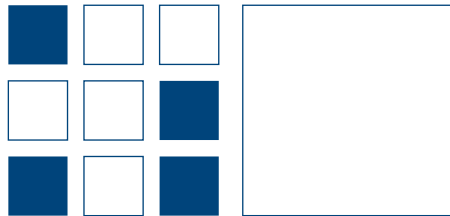


Global Marine and Energy Practice

Upstream Energy

(including risk engineering services)



The global demand for hydrocarbons continues at pace and producers have responded by adding new areas of offshore exploration and production to their existing portfolios in more mature regions.

Increasing geographic diversity brings with it fresh challenges; new infrastructures and technologies are under constant development to satisfy more demanding environmental conditions, whilst old technologies are being upgraded or replaced in the incessant pursuit of operating and capital efficiency.

National and international energy companies, both large and small, continue to invest substantial capital sums in offshore projects with the rate of investment showing little signs of abating.

Project and risk managers must be able to call on expert risk modeling, professional deal facilitation and claims management skills if their risks are to be managed effectively. Marsh offers a uniquely holistic approach to the management of offshore and upstream risks and exposures.

A complete service

Whether the risk relates to exploration, construction, producing or decommissioning exposures, our expertise is on hand to provide insight and solutions. Our approach is centered on the following critical building blocks:

- Comprehensive assessment of risk exposures utilising our team of petrochemical engineers
- The identification, mapping and advice on transfer, of the risk
- Cost effective programme design, including ‘cost of risk’ and retention analysis, innovative risk financing alternatives and advice on coverage
- Advice on “captive” insurance strategies, including feasibility studies, as required
- First class negotiation, marketing and placement skills, utilising secure and experienced underwriters. Our deal-making capabilities reflect our position as the largest generator of energy business to the global insurance marketplace
- Application of sophisticated loss prevention and risk control services, including those relating to environmental liabilities
- Provision of expert advice on all aspects of claims handling, from the establishment of pre-loss claims procedures through to postloss recoveries.

Covering every type and size of operation

- Exploration risks, including mobile drilling units and drilling operations.
- Construction and installation risks including initial risk assessment
- Operating risks including sub-sea installations and pipelines, fixed, floating or tethered platforms and including process, separation and transmission risks
- Platform decommissioning, including residual value and credit risk solutions
- The ability to cover multi-product risks, e.g. power generation and chemicals
- Private, corporate or national companies.

For every technical discipline

The quality and breadth of our expertise, combined with our global presence and the strength of our market relationships, enable us to deliver comprehensive, competitively priced solutions to our clients. Our team of risk engineers can help to optimise limit and cover requirements. This acts as a powerful tool to maximise cost efficiency in risk transfer.

Our engineers have extensive experience in the risk evaluation of risks, of all sizes and description and in providing technical support in the marketing and placement.

We have proven expertise in the following areas:

- Property physical damage including removal of wreck/debris and sue/labor
- Business interruption, including estimation of contingent risk and maximum loss scenarios

- Operators extra expense, including control of well, redrill and seepage and pollution
- General third party liabilities
- Directors' and officers' liabilities
- Employee practices liabilities
- Credit and political risks, including governmental confiscation, expropriation and nationalisation
- Cost of risk analysis, allowing for the selection of optimum risk retention/transfer strategies.

Control and loss prevention

Identification, management and reduction of exposure risk are a primary consideration for most participants in the energy industry, however large or small. The availability of qualified loss control services and demonstration of a commitment to safety and loss prevention, can make a critical difference as to how underwriters respond to a risk. It can assist clients in the development of their own risk management philosophies.

Our engineers assist in every aspect of hazard control and loss prevention. In addition to traditional life safety and fire protection, our services include:

- Hazard and operability studies
- Offshore platform audits
- Business interruption and interdependency studies
- Catastrophic risk assessments.
- Specialist environmental consultancy to assist in evaluating air, water, noise, radiation and other pollution problems.

For further information please contact the Global Marine and Energy Practice:

www.marsh.com

The information contained in this publication provides only a general overview of subjects covered, is not intended to be taken as advice regarding any individual situation and should not be relied upon as such. Insureds should consult their insurance and legal advisors regarding specific coverage issues.

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