

OFFSHORE SAFETY, RISK AND COMPLIANCE

Engaging in offshore operations without fully understanding and managing the inherent risks can expose personnel and the environment to potential harm. Implementation of a robust safety, risk and compliance management program identifies areas of exposure, allowing personnel and the environment to be protected while positively influencing operating performance.

ABS Advanced Solutions is committed to helping you reduce risk, increase safety, secure regulatory compliance and improve health and environmental performance. Our holistic approach considers the complex interaction between technological, individual human and organizational factors, providing the total risk picture. This approach allows organizations to drive positive performance.

ABS Advanced Solutions has a proven track record as a leading provider of integrated risk and safety management solutions for the offshore industry. We provide a full range of services to identify, mitigate and manage risk, coupled with a suite of safety management and contingency planning activities. Our team brings the latest industry knowledge combined with a deep operational and technical understanding of offshore regulations and safety legislation from around the world.

The comprehensive ABS Advanced Solutions Safety, Risk and Compliance Framework addresses safety, risk, regulatory compliance, contingency arrangements and investigations.

SAFETY

Activities to identify, mitigate and manage safety hazards, including:

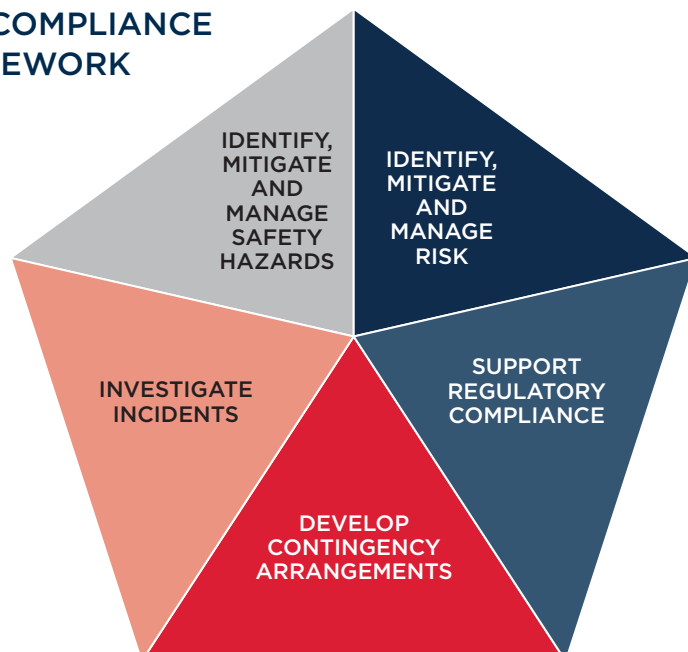
- Safety case development
- HSE plan development
- Process safety studies
- Fire and explosion studies
- Flow and dispersion modeling
- Collision studies
- Safety Integrity Level (SIL) analysis
- Safety culture assessments
- Human factors analysis

RISK

Activities to identify, mitigate and manage risk, including:

- Qualitative and quantitative risk studies
- Barrier management and Bowtie analysis
- Failure Modes and Effects Analysis (FMEA)
- Security risk assessments
- HAZID, HAZOP, LOPA

SAFETY, RISK AND COMPLIANCE FRAMEWORK



REGULATORY COMPLIANCE

Activities to address regulatory compliance:

- Support for all offshore operating regions
- Design verification
- Liaison with class/regulatory bodies

CONTINGENCY ARRANGEMENTS

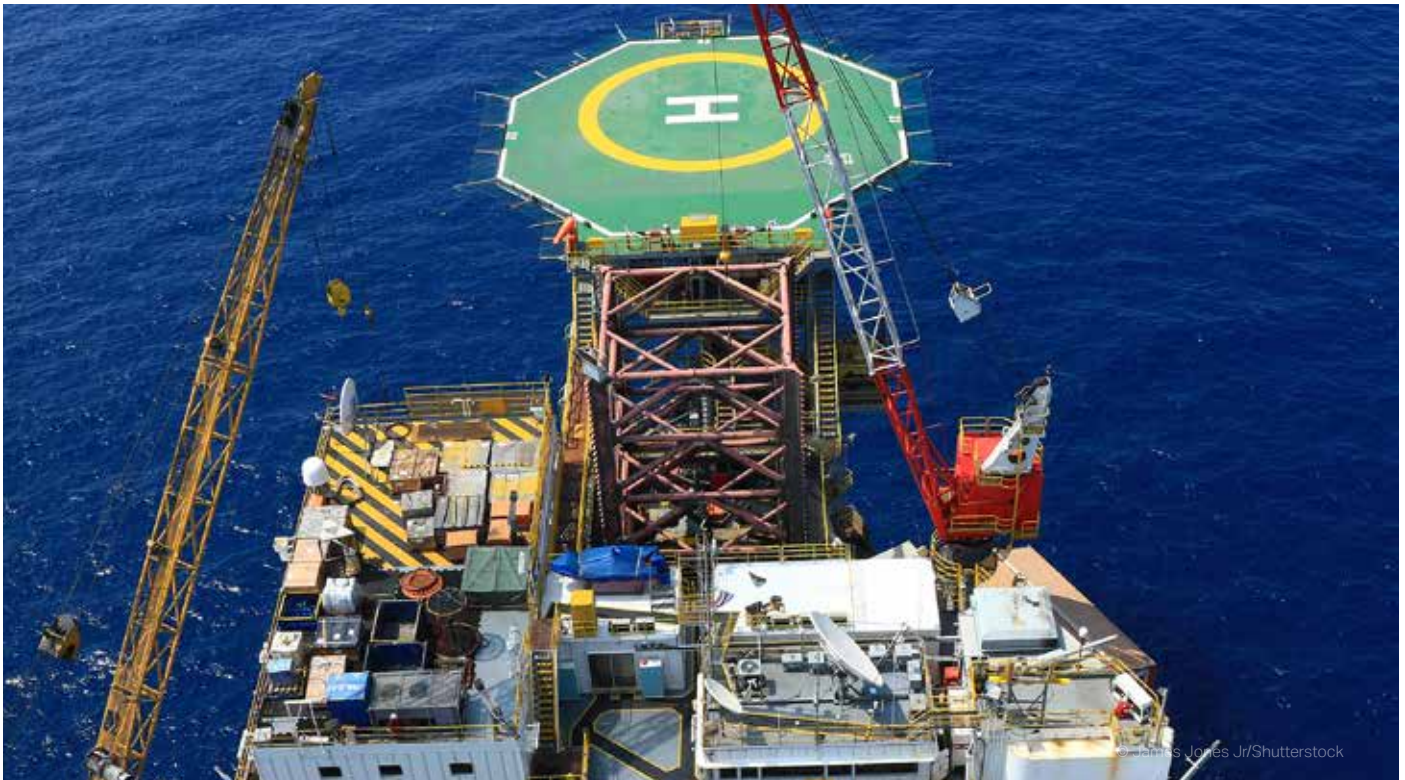
Activities to prepare in the event of an incident:

- Contingency planning
- Escape, evacuation and rescue studies
- Emergency system survivability analysis
- Emergency response plans
- Vessel response plans

INVESTIGATIONS

Activities following incidents:

- Safety audits
- Incident investigations
- Root cause analysis



WORLD HEADQUARTERS

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