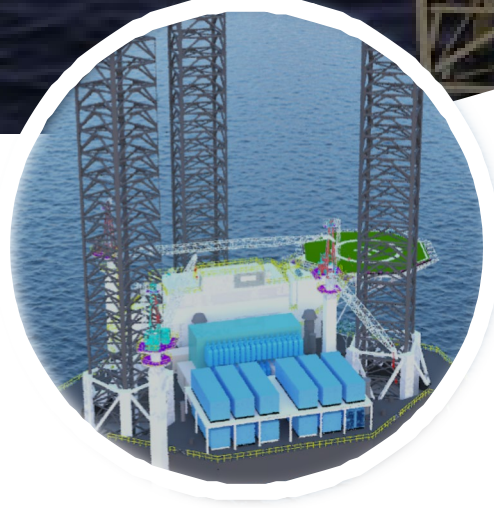
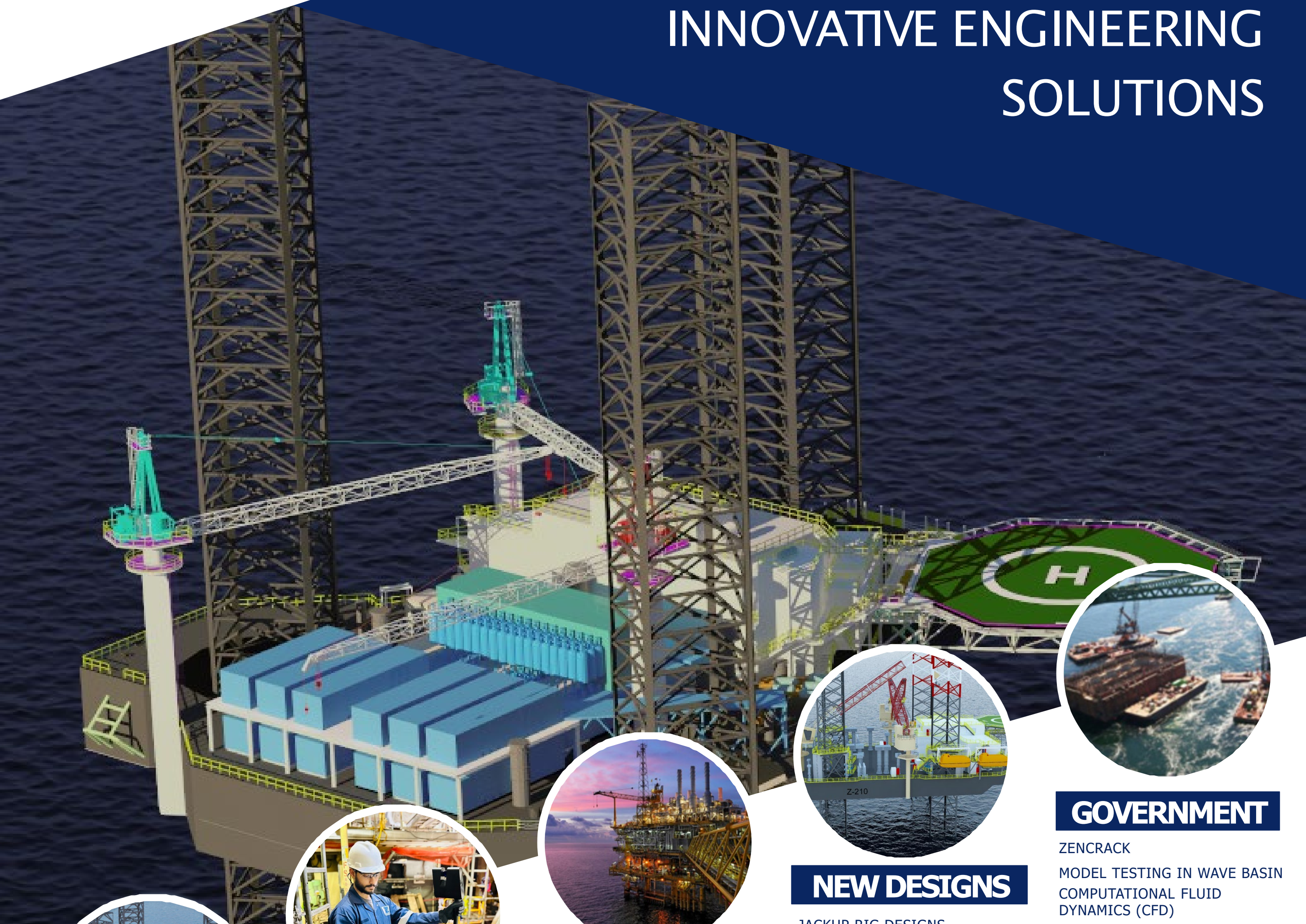


ZENTECH INC

INNOVATIVE ENGINEERING SOLUTIONS



ZERO EMISSIONS INITIATIVES

CARBON ACCOUNTING AS PER EPA AND GREEN HOUSE GAS PROTOCOL
GHG RELATED PROJECTS

ENGINEERING

- PROCESS ENGINEERING
- STRUCTURAL ENGINEERING
- MECHANICAL ENGINEERING
- ELECTRICAL ENGINEERING
- PIPING ENGINEERING
- FRONT END ENGINEERING
- SERVICES
- ENGINEERING, PROCUREMENT AND CONSTRUCTION
- ENGINEERING TOOLS

SERVICES

- CHEMICAL
- CONSTRUCTION PROJECT MANAGEMENT
- DRILLING FLUIDS SUPPORT
- FORENSIC ANALYSIS
- LNG
- PRODUCTION
- RENEWABLES
- THIRD PARTY VERIFICATION
- TRAINING
- UNIQUE SERVICES
- ZENTECH EXTEND REALITY
- ZERO EMISSIONS INITIATIVES
- SIGNAGE SERVICES

NEW DESIGNS

- JACKUP RIG DESIGNS
- MOBILE OFFSHORE DRILLING UNITS & LIFTBOATS
- SEMI-SUMERSIBLE DESIGN PROJECTS
- MODULAR PLATFORM DRILLING RIGS

GOVERNMENT

- ZENCRACK
- MODEL TESTING IN WAVE BASIN
- COMPUTATIONAL FLUID DYNAMICS (CFD)
- FLOATING BODY MOTIONS ANALYSIS
- FLOATING BODY MOORNING ANALYSIS
- TOWING ANALYSIS
- CATAMARAN BARGE CONCEPT

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www.zentech-usa.com



**FOUNDED
1978**

**7 OFFICES IN
6 COUNTRIES**

+ 40

**PATENTS AND
TECHNICAL PAPERS**

+15

**INDUSTRY
RECOGNITION DURING
2015 – 2022**

ABOUT US

Zentech Inc, an engineering consulting and software development company, headquartered in Houston, TX, is comprised of experienced professionals specializing in providing services to the offshore oil and energy, marine, petroleum and construction industries.

Zentech's extensive experience with offshore drilling units, jack-ups, semi-submersibles, barges, drill-ships, fixed platforms, fabrication yards, floating production systems, risers and pipelines allows us to solve technical problems of the offshore oil and energy industry, in an efficient and cost-effective manner. With its offices in Asia, North and South America, Zentech is able to provide services and speedy solutions by working around the clock in various time zones.



**+700
CUSTOMER**

**+2100
PROJECTS**

HISTORY

Zentech was founded by Ramesh Maini in 1978 in Houston, Texas as an engineering consulting firm for the offshore oil and energy industry, including its forerunner PanX Engineering, which became Zentech. Since that time the company has continually grown, in numbers of employees and in the scope and range of Zentech's services. Today the firm has more than 200 professionals who are based at the home office in Houston, as well as international offices in Sharjah (U.A.E.), Chennai and Mumbai (India), Kuala Lumpur (Malaysia) and Rio de Janeiro (Brazil).

MISSION

Our mission is to provide innovative solutions and results critical to clients through the use of quality designs, engineering services and computer programs for any project, regardless of the size or scope. Our approach to providing this service is a combination of the knowledge of our highly qualified staff and professional managers with customized software to produce conclusions that are effective and profitable to companies. We are committed to upholding the highest standards in ethics and business practices; while delivering services at a very competitive rate.

VISION

- Zentech shall be a professionally managed engineering consulting firm, committed to total customer satisfaction.
- Zentech employees shall be an innovative, and empowering team, consistently creating value and attaining global benchmarks.
- Zentech shall foster a culture of caring, trust, and continuous learning.

**ENDORSED
AND SUPPORTED
BY**





PROCESS
ENGINEERING

STRUCTURAL
ENGINEERING

MECHANICAL
ENGINEERING

ELECTRICAL
ENGINEERING

PIPING
ENGINEERING

ENGINEERING
DESIGN

ENGINEERING,
PROCUREMENT,
AND
CONSTRUCTION

ENGINEERING
TOOLS

ENGINEERING

Zentech's Engineering Solutions is comprised of innovative engineering services and tools that range from Detailed Engineering services to Load and Stability software for jack-up rigs, semi-submersibles, and more. Zentech's On-board Software can be used on a wide variety of vessels used in the offshore oil and energy industry.

Zentech's main engineering disciplines include Process Engineering, Structural Engineering, Naval Architecture and Marine Engineering, and Mechanical and Electrical Engineering.

The success and satisfaction of our Clients are of extreme importance to our company. We strive for well-written 'Completion Certificates' from our Clients.

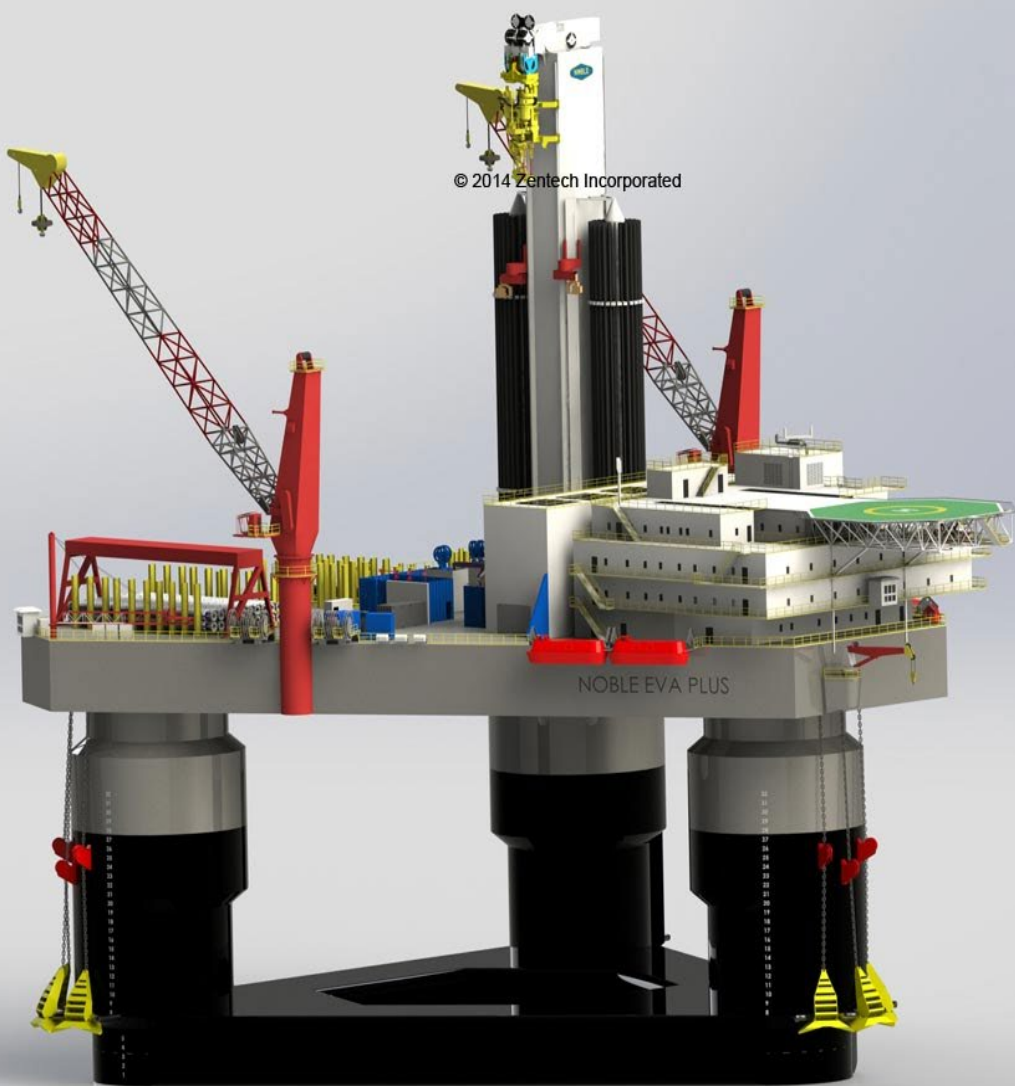




RECENT PROJECTS AND PRESS RELEASES

- Zentech Awarded Basic Engineering Contract by Jana Marine Services
- Zentech Awarded Project Management Contract by New Fortress Energy (USA)
- Zentech Awarded Detail Engineering Contract by International Maritime Industries (IMI) of Kingdom of Saudi Arabia.
- Zentech has been awarded the Shipyard Construction Specification Preparation contract for the Conversion of the Jack-up Rig 'Hibiscus Alpha' (ex-BORR Rig "ATLA") to an Offshore Installation for BW Energy.
- Zentech Awarded ADNOC Drilling's Multi-Year Engineering Support Contract.
- Zentech converted Key Gibraltar from jack-up to MOPU. Zentech has been awarded the Structural Engineering scope for the conversion of a Jack-up Rig to an Offshore Installation for BW Energy.
- Zentech Becomes Approved Vendor for Petronas in Malaysia.
- GE's Marine Solutions business (NYSE: GE) and Zentech announced the signature of a cooperation agreement under which the two parties will work together to provide advanced vessels for their marine and offshore customers.





NEW DESIGNS

Zentech's New-Build designs and design projects include jack-up rigs, mobile offshore drilling units and lift boats, semi-submersible and drillship projects, and modular platform rigs. Our new-builds are designed to specification and can be tailored to suit client needs. Zentech's engineering services have been involved with many semisubmersible and drillship design projects for customers in the offshore oil & energy industry throughout the world.



R-550D JACKUP RIG

WORKING WATER
DEPTH: 400 FT
DRILLING
DEPTH: 30,000 FT
CAPACITY: 150-PLUS



Z-210 MODU LIFTBOAT

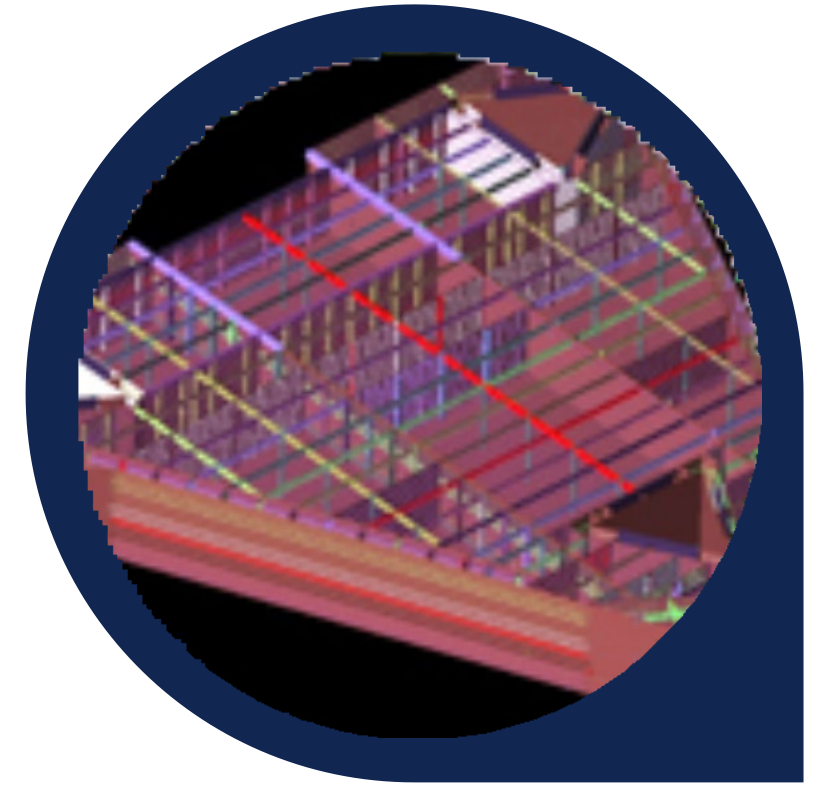
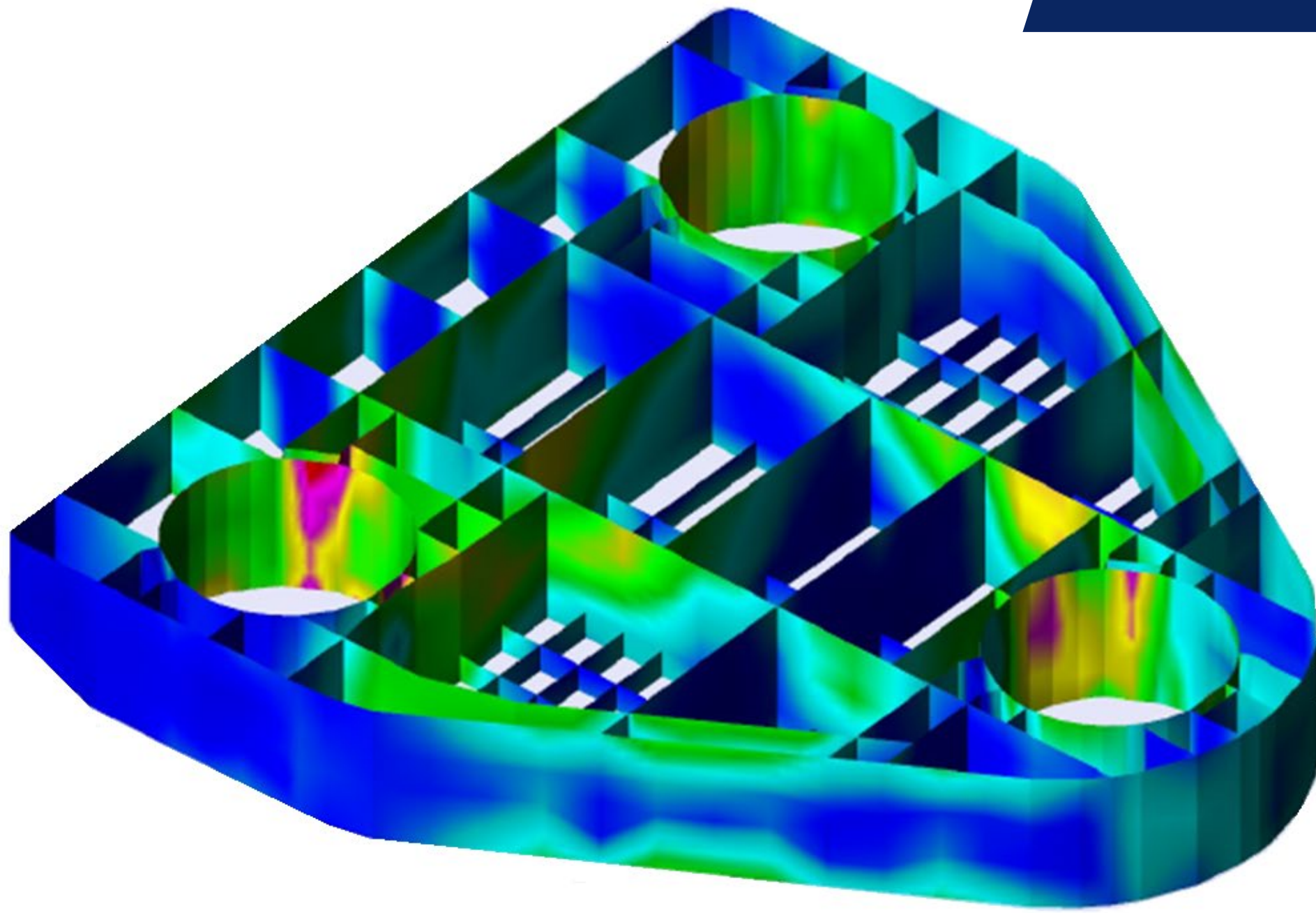
WORKING WATER
DEPTH: 280 FT
DRILLING
CAPACITY: 150-PLUS



MODULAR
PLATFORM
DRILLING RIGS
DESIGN IS PACKAGED
AND READY FOR
CONSTRUCTION

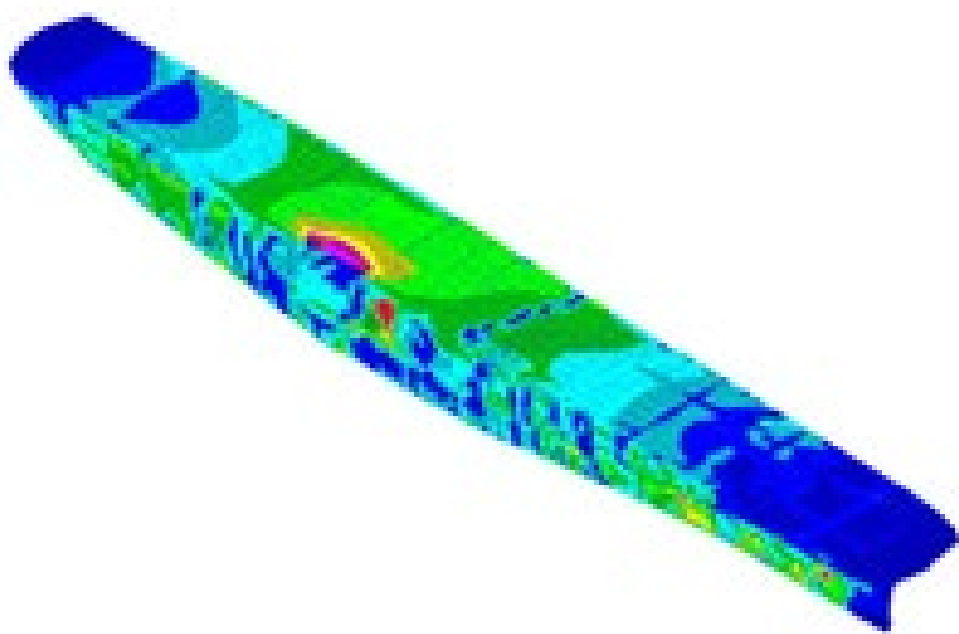


EVA PLUS
WATER DEPTH 1,500 FT
DRILLING DEPTH:
32,000 FT
CAPACITY: 150 - PLUS



ENGINEERING TOOLS

Zentech offers a wide range of engineering software and on-board software that can enhance your operational performance. Zentech's proprietary software empowers the user with capabilities such as asset management and mooring analysis applications. Zentech's On-board Software is designed to be used on-board jack-ups, semis, ships, and vessels used in the offshore oil and energy industry.



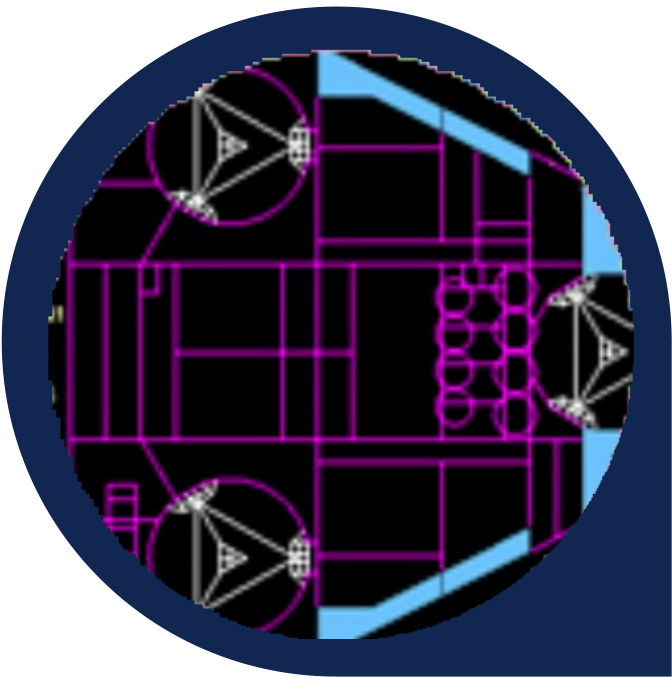
ZAIMS™ is a comprehensive tool that binds all of the components into a seamless package for both individual assets and global fleet management.

ZAIMS™ organizes and maintains reports and results of a single, as well as multiple, inspections to record corrosion gauging, bends, dents and cracks for each asset of the company in a single and securely accessible data repository. Multiple recordings of gauging reports may further be used to predict the remaining useful life left, before steel replacement is required.



ON-BOARD SOFTWARE

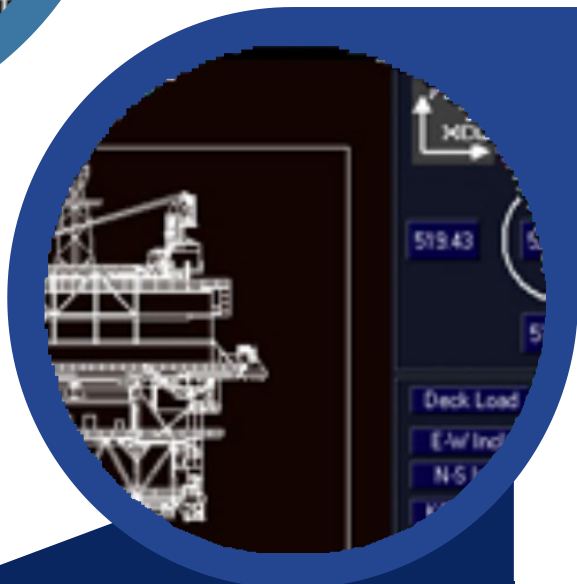
LOAD AND STABILITY MANAGEMENT (LOSJACK™, LOSEMI™, LOSHIP™)



LoSemi™ is used in data management and loading calculations for day-to-day operations of Semi-Submersible rigs.

LosJack™ is used in data management and loading calculations for day-to-day operations of Jack-Up rigs.

LoShip™ is used in data management and loading calculations of day-to-day operations of drillships and other like vessels.



MOORING ADVISORY SOFTWARE (ZENMAS™ / ZENMAP™)



ZenMAP™ is a rig-specific Mooring Advisory program, for use on Offshore Drilling Vessels, Floating Production Systems and other Moored Vessels.

ZenMAS™ is a rig-specific Realtime Mooring Advisory system, for use onboard Floating Moored Vessels.

*For our consulting engineering work, Zentech uses all the above programs and Structural Engineering Analysis and Design Program StruCAD*3D and Stability Analysis Program StabCAD.*



ZENTECH EXTENDED REALITY (ZXR)

By Services

- Zentech Extended Reality Marketing – ZXR-M
- Zentech Extended Reality Engineering – ZXR-E
- Zentech Extended Reality Inspection – ZXR-I
- Unmanned Tank Inspections
- Forensic Analysis
- Training – Laser Scanning Training
- Training – AEC and Public Safety / Forensics
- Training – Firefighting Training Solutions



DRONE

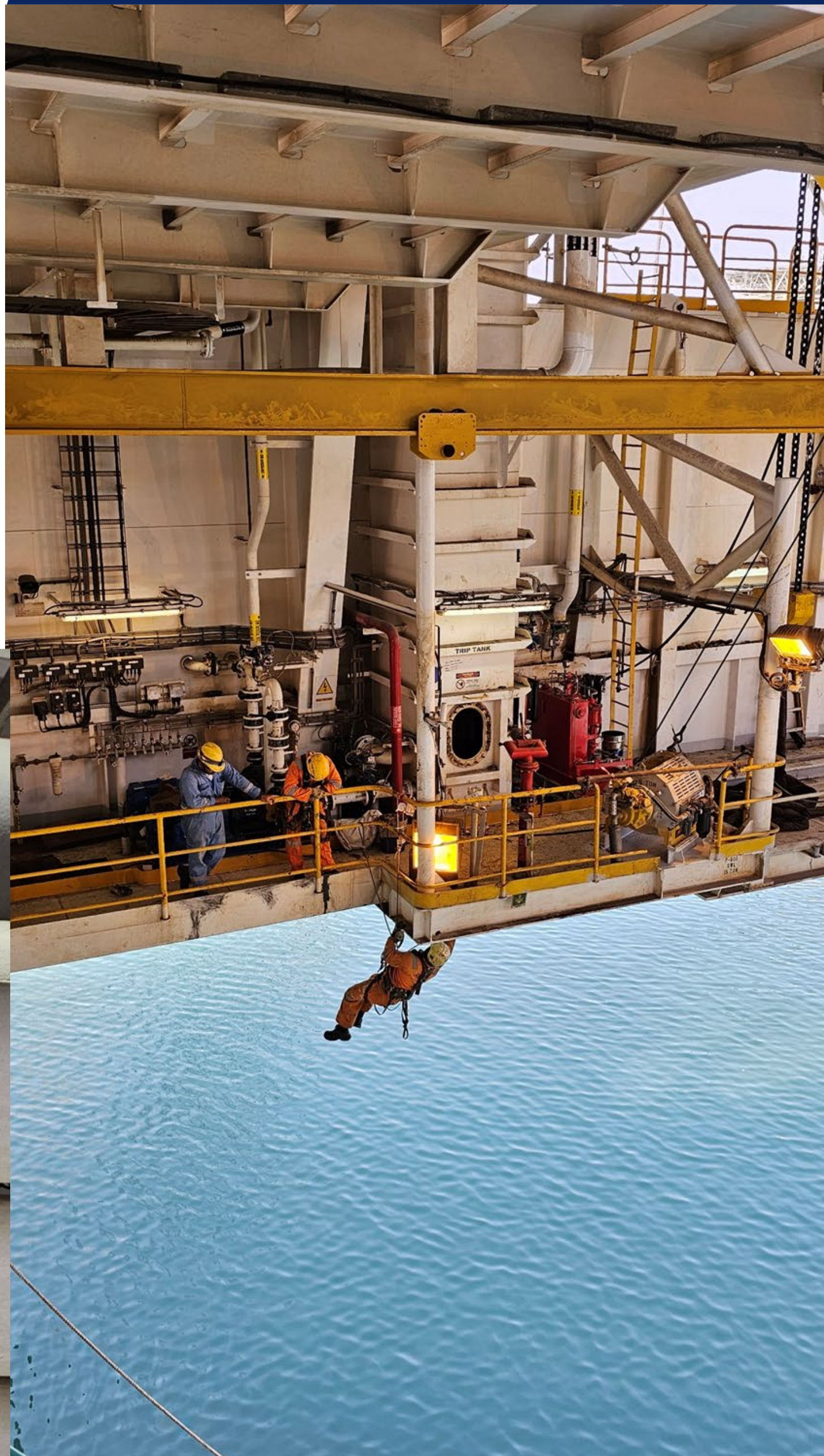
QUICKLY TURN ASSET DATA INTO DIGITAL INSIGHTS WITH OUR INSPECTION DRONE - THE FIRST MAPPING AND INSPECTION INDOOR

**ZENTECH EXTENDED REALITY (ZXR)
THE FUTURE OF INSPECTIONS
THE SAFE AND COST EFFECTIVE WAY TO MAINTAIN YOUR ASSET**

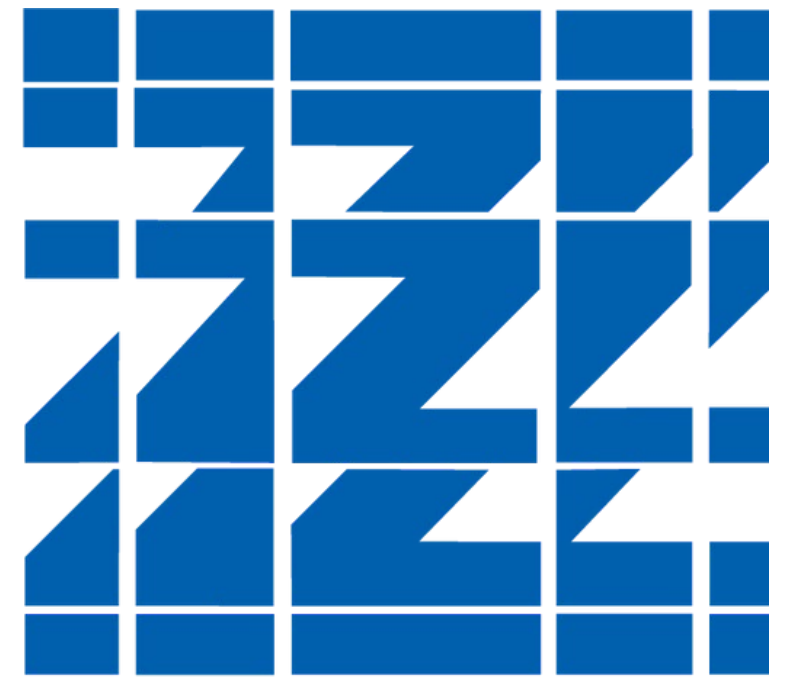
Extended Reality (XR) technology is becoming commonplace in the oil and energy industry as it helps to visualize 3D simulations of real-world objects. Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR) together are combined with video and images to create XR. These enable oil and energy companies to train workers on-field equipment in a simulated environment to build their situational awareness and to enable them to interact with their assets like never before!

SIGNAGE SERVICE

All the signages shall be customized according to client's requirement, which includes Mandatory, Prohibitory, Warning, Dual language and Pipe Markings.



2024



 **ZENTECH INCORPORATED**
INNOVATIVE ENGINEERING SOLUTIONS



 **SCAN ME**

CONTACT US

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