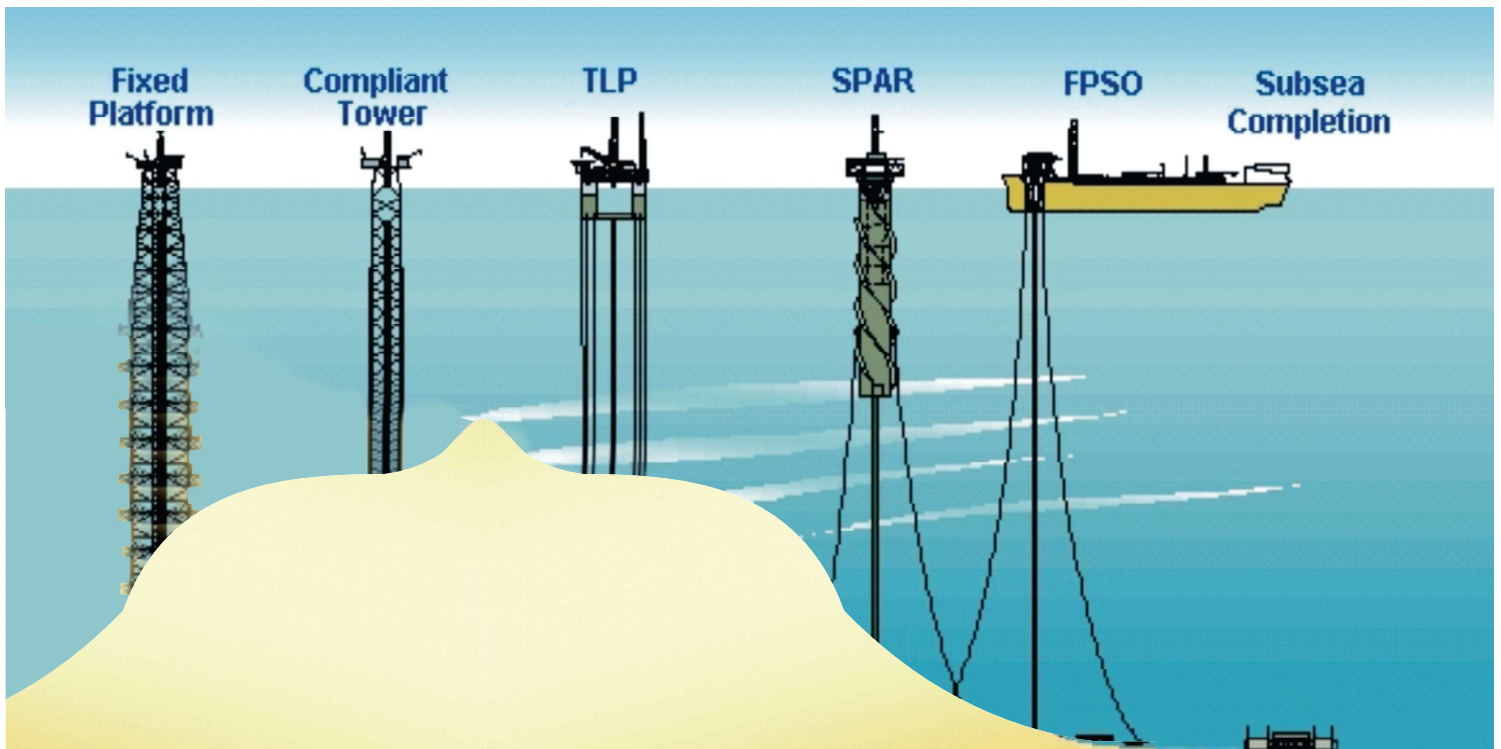


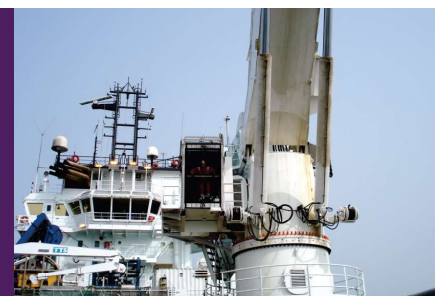


STRUCMARINE ENGINEERING LTD

(Member of the Bennoulli Group Ltd)



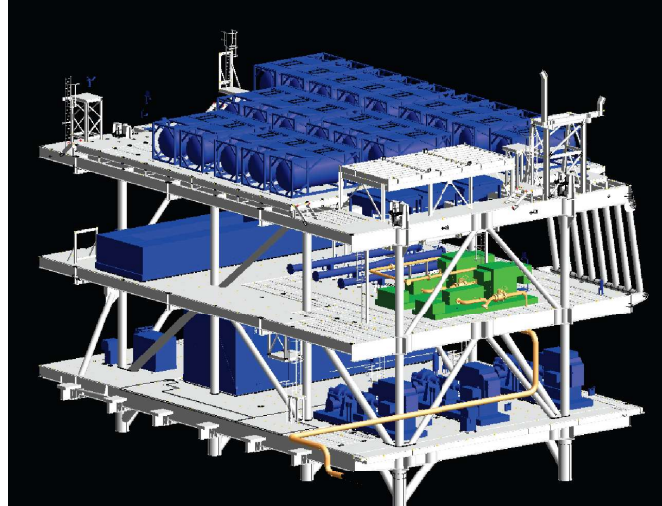
ENGINEERING
ASSET INTEGRITY & TRAINING



www.strucmarine.com

About Us

STRUCMARINE ENGINEERING LTD was established via the lateral support of a team of highly skilled Engineers, scientists and administrators solely to launch a company in Nigeria having senior personnel with the recent world class Engineering skills in offshore and onshore facilities Engineering. Our major target is to get our generation in Africa started off on local expertise in our area of specialization in Engineering design. The focus is to build a world class center of excellence in engineering solutions for private and public sector.



STRUCMARINE spans across offshore and onshore developments with a wide range of capabilities which includes:

- Feasibility studies
- Conceptual Engineering
- Basic Engineering
- Detail Engineering
- Project Management
- Reliability Engineering
- Personnel Supply
- Staff Training
- Construction Supervision

STRUCMARINE is prequalified and published by Nigerian Petroleum Exchange (NIPEX). as a specialist vendor in Structures and Marine engineering; as well as Engineering Services.

Mission Statement

Absolute Satisfaction and Innovation in Project Execution.

Capabilities

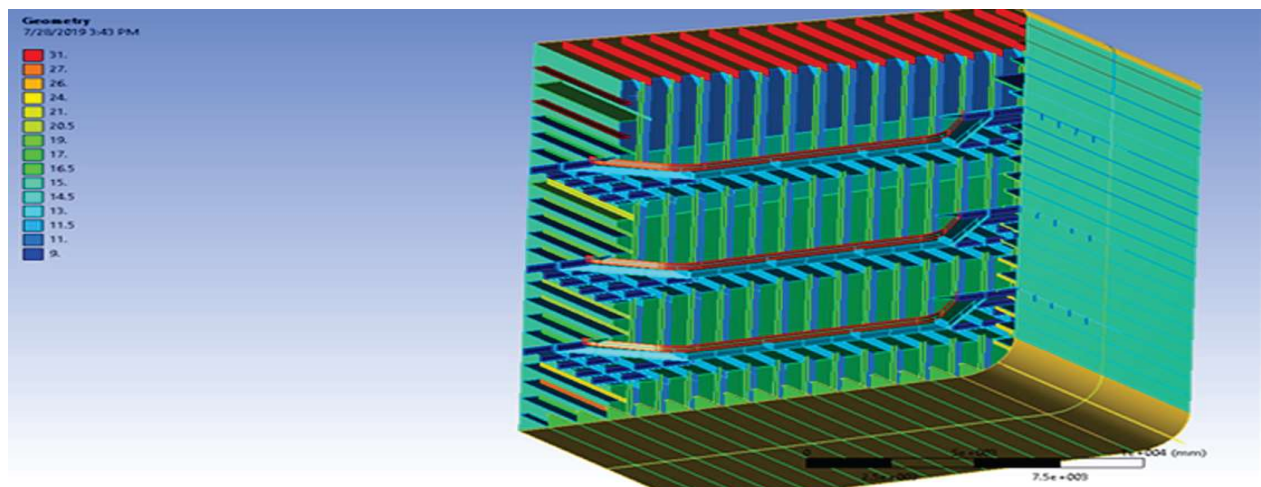
STRUCMARINE is able to perform efficiently in-house large scientific and technical calculations, 2D-3D CAD works and project control tasks.

SOFTWARE CAPABILITIES

- SACS
- STAADPRO
- OFFPIPE
- ANSYS
- AUTODESK INVENTOR
- ORCAFLEX
- IN-HOUSE DEVELOPED PROGRAMES for Settlement and Bearing Capacity analysis.
- OTHER ENGINEERING softwares and tools on need basis.

WINNING STRATEGY

- Insist on providing total quality services to our clients by strict adherence to project quality procedures.
- Strict adherence to international codes and standards for oil and gas design in lieu of client's design specifications
- Adherence to good engineering practices in the course of project execution.
- Colleges and Industry partnership in research and manpower development.



Offshore / Marine Capabilities

STRUCMARINE is a multi-discipline Engineering Services Company; and highly specialized in Structural, Marine, Asset Integrity and Pipeline Engineering. We do leverage on the competencies of our partners in Europe, Asia and Africa where required, on need basis.

Strucmarine is pre-qualified and published by Nigerian Petroleum Exchange (NIPEX) as a vendor in Structures, Marine and Pipelines Engineering, as well as Engineering Services Management. Also in Facilities Calibration & 3D Laser Scan/As-building and Quality Control (QA/QC).

Our capabilities in terms of areas of specializations are:

OFFSHORE STRUCTURES

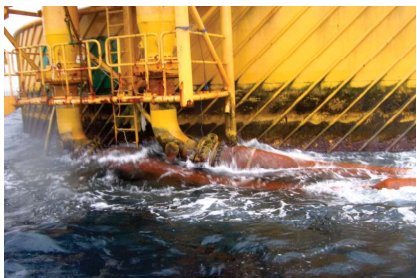
- Topside Structures
- Hull Structures
- Mooring Analysis
- Global Motion
- Geotechnics/Foundation
- 3D Laser Scanning, As-builting & QA/QC

PIPELINE

- Pipeline Integrity
- Pipeline System Design

MARINE

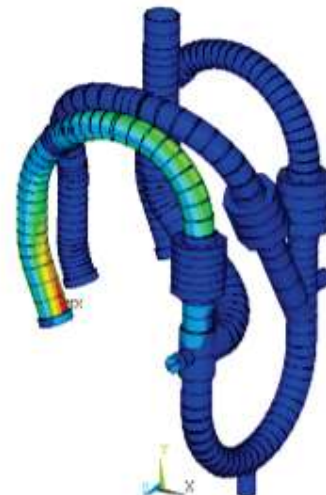
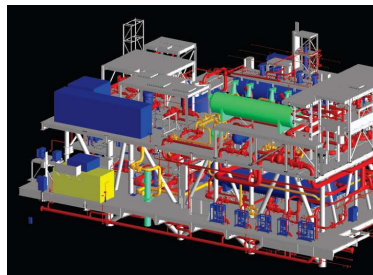
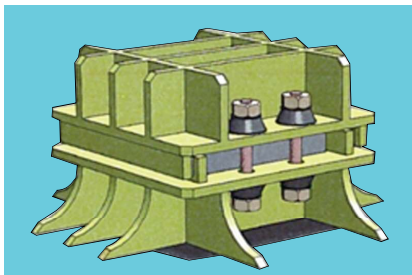
- Stability Modeling & Analysis
- FPSO/FSO/Vessles Health Check Studies



Onshore Capabilities

STRUCMARINE ENGINEERING LIMITED is set up to provide expertise and quality services in the Nigerian Oil & Gas, Power and Solid Minerals industries. Some of the onshore capabilities includes but not limited to the following:

- LNG Infrastructures & Oil Processing Terminals Design
- Asset Integrity Review and Special Studies
- Onshore Pipelines Design and Maintenance Support
- Design of Crude Storage Tank / Foundation
- Fixed Platforms Structural Design
- Life extension /Asset Rejuvenation Studies
- Construction Support and Project Supervision
- 3rd Party Independent Reviews and Expertise Representatives
- Geotechnical Engineering Design / Reviews
- Facilities Layout Design, HAZID and HAZOP review
- Corrosion Design and Remediation Support
- Weight Management and Control
- 3D Lasser Scanning, As-builting & QA/QC



Training Centre

STRUCMARINE ENGINEERING LIMITED target is to set the leading standard in the Oil and Gas in Nigeria and Africa at large. We aspire to empower our candidates through skill acquisition and technology transfer. This will enhance and help in updating the knowledge and skill of young and experience engineers and scientist. Such skills and manpower will be available to take on challenges locally and globally. Our courses covers the Oil & Gas, Marine industry, Construction Industry and Academic institutions.

STRUCMARINE is a registered member of Oil & Gas Trainers Association of Nigeria (OGTAN).

website: www.strucmarine.com/training

TRAINING MODULES:

CODES	COURSE DESCRIPTION	
ST002	Design, Operations & Maintenance of Floating Production, Storage & Offloading (FPSO) & Other Floating Systems	5days
ST001	Advance Offshore Structures	4days
PL001	Advance Pipeline Engineering	4days
GT001	Advance Geotechnical Engineering in offshore projects	4days
MR001	Training on Marine, Jetty and Port facilities Engineering	3days
PL002	Asset Integrity Management in offshores Facilities	5days
MR002	Lifting and Hoisting for Engineers	3days
SSE001	Introduction to Subsea Engineering	5days
FAC002	Managing Front End Loading and Detail design in Project Delivery	5days
PRJ 001	Project Management, Execution and Commissioning	5days
ENG 001	Basics & Practice of Discipline Engineering Designs in oil & Gas Industry (4modules)	8days
FAC003	Introduction to Deepwater and Subsea Engineering Facilities	5days
FAC001	Introduction to Facilities Engineering and Integration	5days

- (a) FPSO Basic Design rules, Facilities Engineering & Operations
- (b) FPSO Design: Hull, Mooring and Risers
- (c) Topsides Processes: Production systems, Storage and Export facilities
- (d) FPSO Maintenance Integrity, Economics, HSE & Field Development
- (e) Topsides modules analysis including inplace, empirical, fatigue and stability checks.

- (a) Managing uncertainties in Project delivery
- (b) Integration and interface responsibility matrix in project delivery
- (c) Fundamentals of Facilities layout and planning
- (d) Decisions trees on Host selection in offshore opportunities
- (e) Equipment Selection and cost impact in facilities design



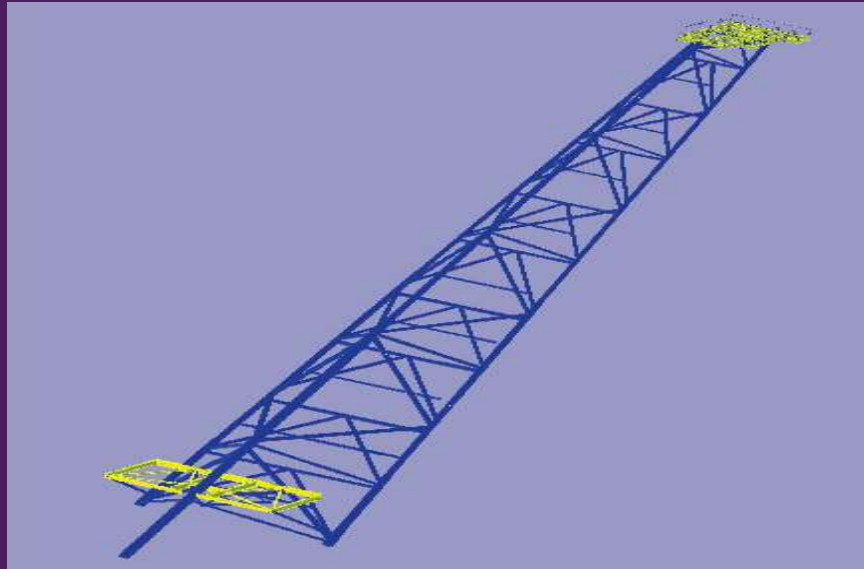
Why Strucmarine for you?

We are problems solvers and few below can be of interest to you:

- Provide Integrity Status review on your Assets (FPSO, FSO, Dredgers, Onshore Facilities, Fixed platforms) as part of your license to operate fitness status and the best value for money.
- Support your company on project delivery at all phases of the opportunity. We can work from your office or our offices depending on the need of the project. This will help in seamless/flawless project delivery without overheads on fixed manpower in your office.
- We can help review/monitor/manage your offshore, inland water ways and logistics vessels health check to meet local, international and class regulations.
- We have in-house design capability for Reinforce Concrete structures, Industrial & facilities Drainage systems, Water systems design and Geotechnical engineering capabilities.
- Provide Training to your Offshore Engineering staff on the following modules: (Mooring Analysis, Offshore Rig Positioning analysis, Structural Non-linear Response behavior analysis, Offloading & Riser Solutions), and many more modules in our website.
- Provide Training to your projects and management staff on Project execution and Startup. This will enhance in-house capability, excellent leadership regime & safeguard investment.

Clients of Strucmarine Engineering Limited.





**FOR YOUR ENGINEERING SOLUTIONS
CONTACT US AT:**

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Email: info@strucmarine.com