

Company presentation



June 2013

aqualisoffshore.com

AQUALIS
OFFSHORE

MARINE & ENGINEERING SOLUTIONS

Business model

- Provider of MARINE and ENGINEERING SOLUTIONS to the offshore oil and gas industry
- Integrated marine and engineering staff consists of carefully selected specialists from the industry with long track record

Business lines

Engineering



Transportation and Installation



Rig Moving



Dynamic Positioning Services



MARINE & ENGINEERING SOLUTIONS

Marine Warranty Services



Construction Monitoring Services



Marine Consultancy



Due diligence services



Global presence – from day 1



Management team



David Wells, CEO. Master Mariner.

Has more than 30 years experience in the offshore sector with particular focus on offshore operations, MWS and marine consultancy. Specialist on jack up operations, location approvals and all aspects of rig moving. More recently involved in senior management duties. Based in London



Dr Bader Diab PhD, Director Engineering and North America.

Structural and Global Performance Engineer. 25 years offshore engineering global experience covering both shallow and deep water sectors with extensive structural design experience of MODUs, mooring systems, motions, installation engineering and familiarity with shipyards. Based in Houston



Reuben Segal, Director Middle East. Naval Architect.

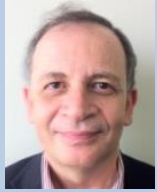
19 years experience in the offshore and shipping sectors covering both engineering design and ship surveying. Extensive recent global business development experience with focus on Design and Construction of offshore oil and gas assets including MODU and MOPU units from FEED through to yard delivery. Based in Dubai, UAE



Phil Lenox, Director Asia Pacific. Structural Engineer.

Over 40 years of onshore/offshore experience with both contractors and consultancies including conceptual design, detailed structural analysis and design through to construction and installation. Specialises transportation and installation projects including use of HLVs, topside floatovers and has extensive MWS experience. Based in Singapore.

Management team (cont'd)



Dr Andrew Theophanatos PhD, Director South Americas.

Naval Architect with over 30 years experience in offshore engineering and project management around the world and latterly in Brazil. Specialises on offshore engineering projects in both consultancy and MWS capacities for services related to all recent deepwater field development projects. Based in Rio de Janeiro, Brazil.



Bjorn Havard Brenden, M.Sc., Director Norway.

Naval Architect and Marine Engineer with 20 years experience in engineering design and as project manager for projects involving ships, semi submersibles, offshore service vessel, tankers and conversions to FSU/FPSO including offshore construction and installation experience. Based in Norway.



Christian Opsahl, CFO.

Extensive international finance, investment banking and private equity experience within the global financial markets, together with industrial experience from companies servicing the offshore oil and gas markets. Based in Norway / London.



Santosh George, Group QHSE Manager.

Specialist QHSE consultant and auditor with extensive risk analysis experience covering shipyards and offshore assets together with implementation of Group Management systems and ISO accreditations. Based in UAE.

Modus operandi

«Doing»

Rig moving
Staff provisioning
Engineering
Construction monitoring

Core



Marine
warranty

«Observing»

Due diligence
Marine approvals
DP
Surveys / audits
Site assessment

Service sectors and clients

Service sectors

- Mobile Offshore Jack Up Units
- Floaters – Semi-Subs / Drill Ships / Tender Barges
- FPSOs / FSOs
- Fixed Platforms
- Pipelines
- Construction & Support Vessels
- Transport and Installation
- Renewables

Clients

- NOC's
- IOC's
- Rig Owners
- Vessel Owners
- Underwriters
- Shipyards
- Offshore Contractors
- Financial Institutions

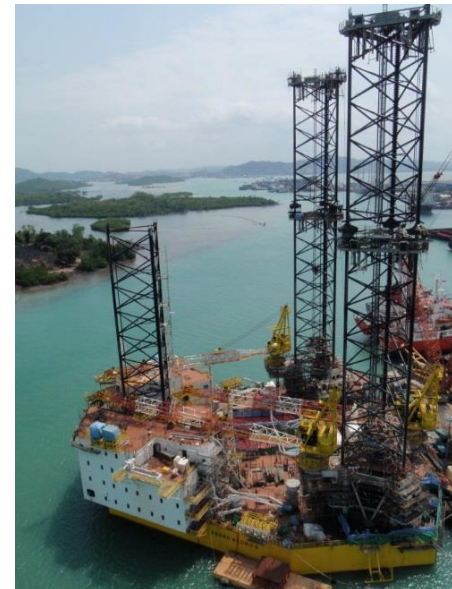
Our focus

1) Engineering (shallow water / deep water)

- Design – Basic / Conceptual / FEED
- Transportation and Installation analyses and consultancy
- Design Modifications and Upgrades of existing rigs / FPSO's / Vessels / Cable layers
- 3rd Party Engineering Reviews

2) Inspections and Approvals

- MWS
 - Offshore Construction Projects
 - Rig Moving
 - Towage Approvals
- Due Diligence inspections
- Condition and Suitability Surveys / Audits
- DP inspections and audits
- Marine and Engineering Consultancy



Our focus (cont'd)

3) Marine and Engineering Operations

- Jack Up Site Specific Assessments
- Rig Moving – provision of towmasters / MWS
- Site attendance for loadouts, transportation and offshore installations
- Provision of key project staff including Superintendents / Advisors etc

4) Construction Yard Monitoring Services

Site attendance on behalf of owners / shipyards / financial institutions / 3rd parties for:

- New builds – rigs and vessels
- Vessel Conversions and Upgrades
- Compliancy
- Transportation and Installation Support Services

Appendix

Engineering

- Provide a unique solutions-based approach to engineering
- Our engineers are focused on working with our Clients, where appropriate as a one-stop-shop, to find efficient solutions to their engineering projects
- Our independence allows us to concentrate on cost-effective, fit for purpose and tailored solutions to suit the specific needs and constraints of the Client
- Our expertise covers the life-cycle of an offshore facility from concept design through installation and on to ageing platform integrity management and finally, decommissioning
- Involved in both the shallow and deep water ends of the offshore oil and gas industry



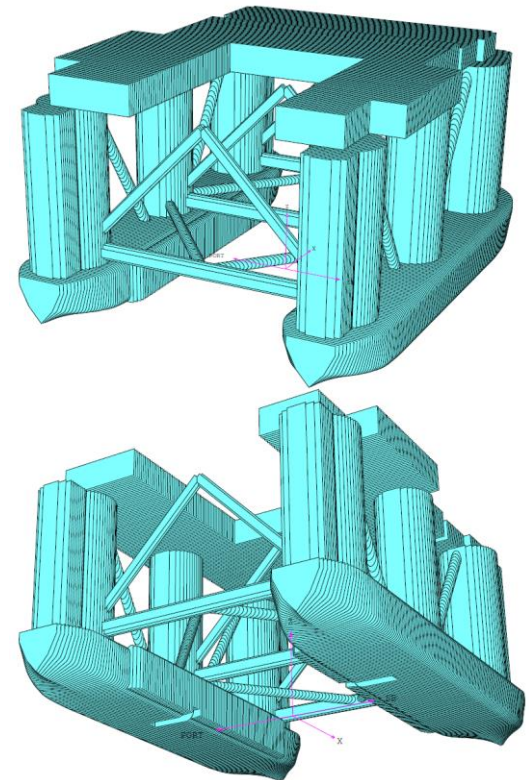
Engineering (cont'd)

Our teams of experienced and well qualified engineers can provide unique solutions for many platform types including:

- Mobile Offshore Drilling Units (MODU)
- Wind Turbine Installation Vessels and Liftboats
- Mobile Offshore Production Units (MOPU)
- Fixed offshore installations
- FPSO's / FSO's / FLNG and other floating structures

These solutions range from:

- Concept Design
- Basic Design
- FEED and Pre-FEED solution
- Upgrade and modification Engineering
- Advanced engineering solutions



Rig moving services

We offer a full range of rig moving support services; our teams being fully experienced with both jack up and floating units. The following services are provided:

- Site specific rig deployment consultancy
- Pre-contract rig suitability engineering analyses
- Dry transportation approvals and consultancy
- Leg penetration analyses (geotechnical)
- Site Specific Location Approvals
- Mooring analyses
- Marine Warranty Services
- Provision of Towmaster services
- Turnkey rig moves
- Towage approvals
- General rig moving consultancy
- Training courses



Transport and installation

We specialise in assisting our Clients with difficult and large marine operations

During early stages we aim to provide valuable early planning and advice to optimise the solutions with regards to:

- vessel and equipment selection
- structural design and
- offshore procedures



Subsequent engineering comprises analysis and design associated with all temporary phases of a marine operation from loadout and transportation to installation or discharge/ offload of high value offshore assets

Transport and installation (cont'd)

Such calculations include:

- Vessel ballasting
- Global and local vessel strength
- Vessel motions and stability
- Grillage and seafastening design
- Dynamic lifting and rigging
- Hydrodynamic analysis
- Jacket launch and upending
- Dynamic analysis for floatover installations
- Geotechnical analysis etc.
- Production of appropriate documentation



Installation of Shell's Malampaya platform in March 2001.

Courtesy KBR

Our service then extends to offshore operation supervision and support from our qualified and experienced Marine Superintendents and Project Engineers

Transport and installation (cont'd)

We draw on the services of external companies where supplementary skills or input are required – for example metocean data for transportation assessment and planning

These services are tailored to suit our Clients' requirements and can be supplied as conceptual/feasibility studies, detailed engineering and operation or verification



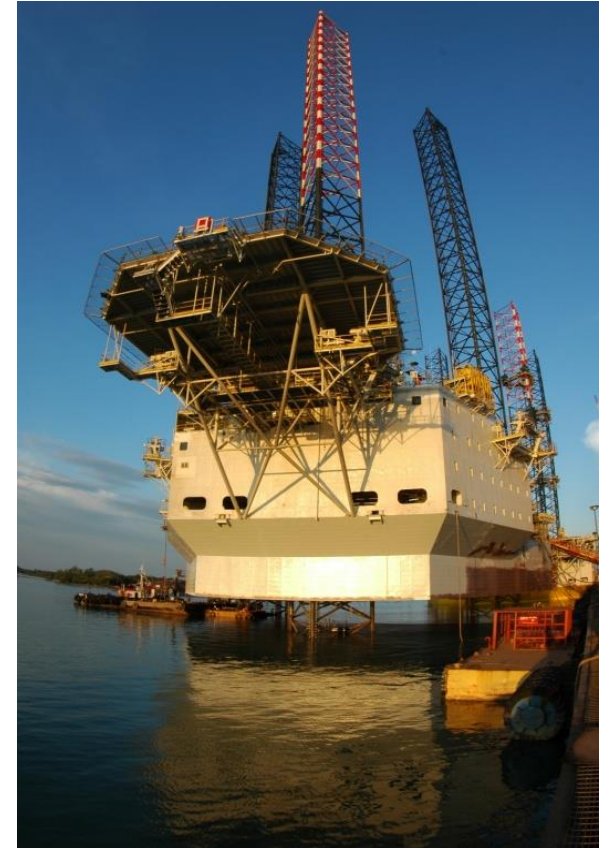
Marine warranty services

Our teams of Marine Warranty Engineers, Surveyors and Master Mariners act to protect Underwriters' interests or self-insured Clients

We provide independent third party review and approval of offshore projects. The teams have extensive experience in a wide range of offshore activities from simple marine operations to complex and challenging offshore projects.

Typical activities may include:

- Document reviews
- Suitability surveys
- Approvals of offshore marine spreads
- Approval of towages, heavy lifts and installations
- Decommissioning and removal of offshore structures
- Acting as Marine Advisors to oil companies



Dynamic positioning

Provide experienced multidisciplinary teams of engineering and operational resources with the aim of assisting our Clients to operate and validate according to their units' specific industrial mission. We aim to provide independent technical reviews to enhance safe operations and we can also provide analyses of cranes, bilge and ballast systems and, pipelay systems. Our services include:

- DP Incident Investigation / Operator Competence Assessment & Verification
- DP Suitability/Condition Surveys / Manuals & Procedures
- DP Project Management & Sea Trials Management
- Planning for DP Conversions & Life Extensions
- DP FME(C)A 's
- DP FMEA Proving & Annual Trials
- DP Design Review/ Redundancy Analysis
- DP Gap Analysis
- Development of WSOG & ASOG
- CMID & OVID Surveys
- Witness FAT's & CAT's



Construction monitoring services

Provision of site teams to represent and work with our Clients throughout the new construction or conversion of an offshore asset. The project team monitors the project to ensure that it is carried out in accordance with the contract, the specifications, Client's expectations, flag and Class requirements

Aqualis Offshore provides a team of engineers and inspectors of various disciplines to be utilised at different stages of the project to ensure that the construction meets the build schedule



Construction monitoring services

Key project control activities include, inter alia:

- Development and implementation of project procedures
- Review of machinery and equipment specifications
- Tracking of site queries, observing safety policy, monitoring quality control measures
- Maintaining electrical & mechanical completion and commissioning records
- Development and implementation of project execution plans
- Monitoring of work progress and testing activity
- Monitoring of quality control of each activity throughout the construction
- Attendance at formal safety meetings
- Attendance at Factory Acceptance testing (FAT)
- Audits of subcontractor's facilities
- Attendance during sea trials and inclining experiments
- Reporting to the Client on a weekly and monthly basis

Due diligence services

As part of our construction services and prior to any involvement with the construction phase or even during a construction project, Aqualis Offshore can assist with the due diligence process to provide the following services:

- Yard Audits
- Pre-contract evaluation
- Post contract evaluation
- Equipment procurement assessment
- Construction monitoring / site attendance
- Financial review and assessment
- Payment Milestone audits
- Risk assessment and management
- Design review



Our independence and in depth of experience of asset type and construction facilities allows Aqualis Offshore to act as a trusted advisor on all aspects of any construction contract either pre or post execution

Marine consultancy

Our mariners are specialists with drilling rigs and offshore vessel operations

We aim to assist our clients in finding practical solutions to their marine operations and projects and / or protect their interests when sub-contracting or making asset investments

We can offer:

- Provision of Towmasters / Rigmovers / Marine Advisors including Pilotage Operations
- Condition / Suitability / Pre-charter audits / Pre-purchase surveys
- Drafting of offshore project related procedures
- Mooring patterns consultancy
- Anchor handling procedures
- Witnessing equipment trials and tests
- Dry transportation consultancy and operations
- Bollard pull certification
- Rig move procedures
- General marine consultancy

