

Blue Marine Engineering and Consultants

Sole Proprietorship LLC



Your Challenge
is our Progress.



ABOUT COMPANY

We are a broad-based maritime consultancy established in 2017 by a group of experienced professionals with a singular aim to provide specialist marine & offshore consultancy services to both local and international maritime & offshore community across the globe. Based in Abu Dhabi, we provide turnkey solutions in design & engineering, which includes technical consultancy services in Naval Architecture, Offshore & Marine sector.

OUR VISION

Our vision is to expand our services to other areas or regions by both cementing our relationships and giving enhanced satisfaction to our present partners and associates, and by seeking and securing further partners and associates. We continue to provide professional, technically and cost-effective services to clients.

OUR MISSION

Our mission is to strive and provide cost effective and professional maritime consultancy services in the global maritime environment. Continual expansion to spread our expertise by cementing our relationships with existing partners and associates and seeking new partners and associates.



OUR SERVICES

NAVAL
ARCHITECTURE



STRUCTURAL
ENGINEERING



MECHANICAL
& PIPING
ENGINEERING



ELECTRICAL
& CONTROL SYSTEM
ENGINEERING



SAFETY
ENGINEERING



CONVERSION
ENGINEERING



TECHNICAL
DOCUMENTATION
& MANUALS



MARINE
SURVEY



PROJECT
MANAGEMENT



SHIP MANAGEMENT
& CHARTERING





NAVAL ARCHITECTURE

We offer design services with a strong client base and track record of numerous projects completed for various clients in the marine and offshore industry. Our team is built of experienced and highly qualified naval architects and design engineers based in Abu Dhabi (UAE) and in India.

We are fully equipped to undertake new build design for almost all types of conventional marine, offshore, support vessels. We also specialize in engineering support for vessel conversions, retrofitting, upgrades.

Our services include:

- Concept Design & Engineering
- Feasibility Study
- Basic Design
- Detailed Design
- Production Drawings



STRUCTURAL ENGINEERING

We develop complete basic design package with drawing approval from classification society and other statutory bodies.



Our packages include the following capabilities:

- Structural Design and Arrangement
- Rule Scantling
- Finite Element Analysis (FEA)
- Quick Modelling
- Three-hold Analysis
- Dynamic Loading Approach (DLA)
- Spectral Fatigue Analysis (SFA)

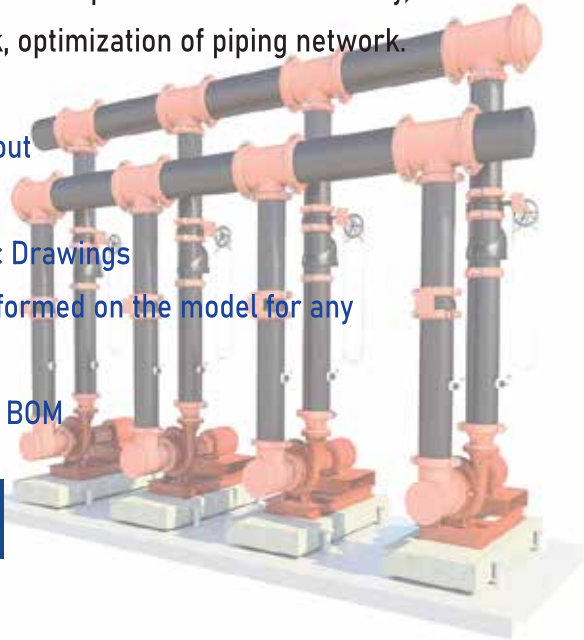


MECHANICAL & PIPING ENGINEERING

We are proficient in layout design with machinery and equipment layout with the help of extensive use of intelligent 3D model considering the functional and operational aspects of the machinery, subdivision of the hull, overall weight distribution on the machinery deck, optimization of piping network.

Key piping design services offered are:

- Process Piping Design
- Pipe Size Calculation
- Utility Piping Network Calculations
- Piping Stress Analysis
- Piping Design Calculation
- Conceptual Piping Routing
- Generating 3D Plant Layout
- Piping Material Selection
- GA Drawings & Isometric Drawings
- Clash Detection Test Performed on the model for any overlap in piping outing
- Preparation of Advanced BOM



ELECTRICAL & INSTRUMENTATION

We have extensive experience in designing electrical systems for vessels. This includes all system specification, calculations, parts lists, and documentation. We can also perform electronic system specification and design including on-board networking for vessel controls.

We have done many schematics, pictorial and wiring drawings using both CAD and manual drawing techniques. In addition to schematics and other electrical drawings we can also do console and dash panel design.

Our electrical and instrumentation design services includes:

- Detailed Design & Engineering Solutions
- Control Circuit Schematics
- Specification Development
- Power System Design
- Load Balance Analysis



SAFETY ENGINEERING

Safety at sea is a universal responsibility, both ship and at the personal level. We cover different aspects of safety in design such as escape paths, location of safety devices and arrangement of life saving appliances like lifeboats.

It includes the preparation of safety plans with passive and active fire protection, fire detection, fire suppression and fire extinguishing. This includes preparation of fire control plan, structural fire protection plan to decide the fire category of each compartment and assigning the fire protection boundary with adjacent compartment/space and selection of correct fire extinguishing medium for different spaces/compartments.



CONVERSION ENGINEERING

The dynamic nature of shipping industry imposes a continuous demand on ship owners and operators to adopt to ever changing rules and regulations, port facilities, charter requirements, trade pattern etc. Our team of experience naval architects and engineers assist our clients to meet their dynamic need by providing worldwide conversion services, from small to large ships.

Conversion = Specific Requirement + Engineering

We have the expertise to do the complete engineering starting from feasibility, layout, stability, structural foundation, machinery systems, piping, electrical, etc.



TECHNICAL DOCUMENTATION & MANUALS

We are capable to provide technical services that are specific to customer requirements and cost effectively tailored to suit client and regulatory requirements.

Our team's expertise covers:

- Technical Documentation according to the latest industrial requirements
- Audit Standards
- Management Systems
- Project Studies
- Vessel Specific requirements complying with the various marine and offshore engineering standards.



MARINE SURVEY

We carry out marine surveys on all type of vessel, including deep sea and short sea vessels, tankers, super yachts, bulk carriers, LNG carriers, refrigerated cargo ships, tugs, jack-up barges, and offshore vessels.

All our surveyors are fully qualified marine engineers, masters, and naval architects, with extensive seagoing, ship management and design experience. We understand the need for a fast and flexible service and therefore provide a worldwide rapid response program delivering consistent, professional, and efficient surveys on all categories of marine vessels.



PROJECT MANAGEMENT

Our project management team has extensive industry experience managing new vessel construction and conversion projects alongside reputable marine builders. We can provide onsite supervision of the vessel's construction to ensure construction quality and timely delivery

Our team is comprised of ship operators, marine engineers, naval engineers, electrical engineers, production engineers and senior ship officers all with extensive experience in the industry. The diversity of expertise within each team ensures that all aspects of your vessel's construction or conversion are of the highest possible quality, that they satisfy all safety and environmental regulations and that each phase of construction meets its deadline.

Our team's expertise covers:

- Shipyard Services
- Build Site Supervision Services
- Major Equipment Selection Services
- Tender Evaluation
- Contract Negotiation
- Management Services





SHIP MANAGEMENT & CHARTERING

Ship Management

We provide a full range of ship management and integrated marine support services to ship owners and operators in the Middle East. With vast experience in managing vessels, we are committed to delivering high-quality services to enable our clients to enjoy all the benefits of safe and cost-efficient solutions by creating tailor-made packages to meet each of the clients' specific need.

Chartering

We understand the varying needs of our clients and thus we are ready to offer the best possible options and support to them. We can provide different types of vessels for charter depending on each specific requirement thus providing clients with reliable services and smooth operations. We can effectively make the match between the cargo and the ship. We ensure that clients are served effectively and efficiently by fulfilling their specific requirements.



OUR ASSOCIATES



S&O Maritime is an engineering, project management and consultancy company in the field of marine and oil & gas industry. S&O Maritime services offer a complete solution starting from engineering, technical supports and project management to its clients.



Global Industrial Equipment Sole Proprietorship L.L.C. is an ISO 9001:2015 certified company. Established in 2009, GIE has been engaged in offering the best quality oilfield equipment and services to its clients in the oil & gas industry.



EXCLUSIVE AGENT



Shandong Longao Rubber Co., Ltd. was established in 2014 with a registered capital of 10 million. It has obtained DNVGL classification society factory type certification.

The company has a complete rubber physical performance laboratory, water injection pressure tester, fatigue tester and other finished product inspection equipment. Own open rubber mixing machine, closed rubber mixing machine etc. The complete set of product molds has registered as "OCEAN SHIELD" brands.



The product lines we represent are:

- Pneumatic Rubber Fenders
- Fabric Rubber Hoses
- Airbags for launching ships.



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