



BUSINESS DOMAINS



Ship Design

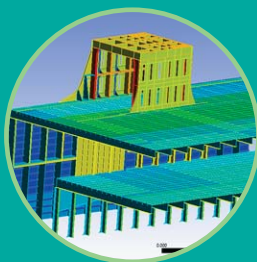
**New Build Project
Management**



Oil & Gas Engineering

Retrofit/ Conversion Engineering

Engineering Analysis



Naval Architectural Services

Software Development


Marine Engineering


ZEBEC MARINE


Zebec Marine Consultants and Services Pvt. Ltd., an ISO 9001:2015, certified company offers design, engineering services and consulting solutions to the marine and offshore industry.

Headed by a team of Marine Engineers, Master Mariners and Naval Architects, our people have a well-rounded exposure to the requirements of international maritime trade.

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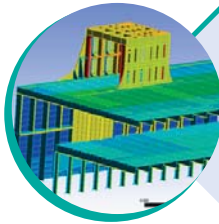


Ship Design

- Concept Design
- Initial Design
- Basic Design
- Detailed/ Production Design
- Retrofit/ Conversion Design

Oil & Gas Engineering

- FPSO/ FSO Hull & Marine
- System Engineering
- Upgrade of Offshore Platforms
- Offshore Inspection & Modification for Operational Improvements
- Jack-up Rig Design
- Jacket Structure Design



Engineering Analysis

- Global and Local Finite Element Analysis (FEA)
- Fluid Structure Interaction
- Mooring Analysis
- Motion Analysis
- Complex Operational Analysis
- Sloshing Analysis
- DP Capability Analysis
- Vibration Analysis

Retrofit/ Conversion Engineering

- Conversion Feasibility Studies
- Generation of Conversion Design Drawings
- BWTS Feasibility & Design
- Vessel Life Extension
- Scrubber Retrofit Design

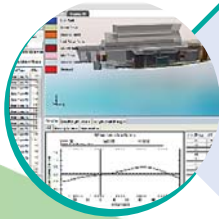
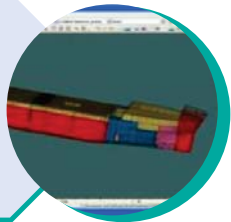


New Build Project Management

- Pre Contract:
 - Shipyard Evaluation and Selection
 - Ship Building Contract Review (Technical)
 - Technical Specification Review
 - Equipment Package Review
- Post Contract:
 - Design / Drawing Review
 - Site Supervision and Reporting
 - Sea Trial and Commissioning
 - Guarantee Claim Handling

Naval Architectural Services

- Naval Architecture Computations
- First Principle Calculations
- Sea Fastening Calculation & Design
- Stability Booklet Preparation
- Preparation of Statutory Drawings
- Preparation of Statutory Booklets & Manuals
- Regulatory Compliance Checks



Software Development

- Zebec Loadmaster (Loadicator / Stability Software)
 - Tankers
 - Bulk Carrier
 - Container Vessels
 - Jack up Loadicator
 - LPG/ LNG Vessels
 - Ferries
 - Small Craft

Marine Engineering

- Vessel Pre-purchase Inspections
- Condition Assessments
- Technical Due Diligence of Marine Assets

