

RETROFIT

DESIGN SERVICES

Certified
ISO 9001:2015
ISO 27001:2013



Services:

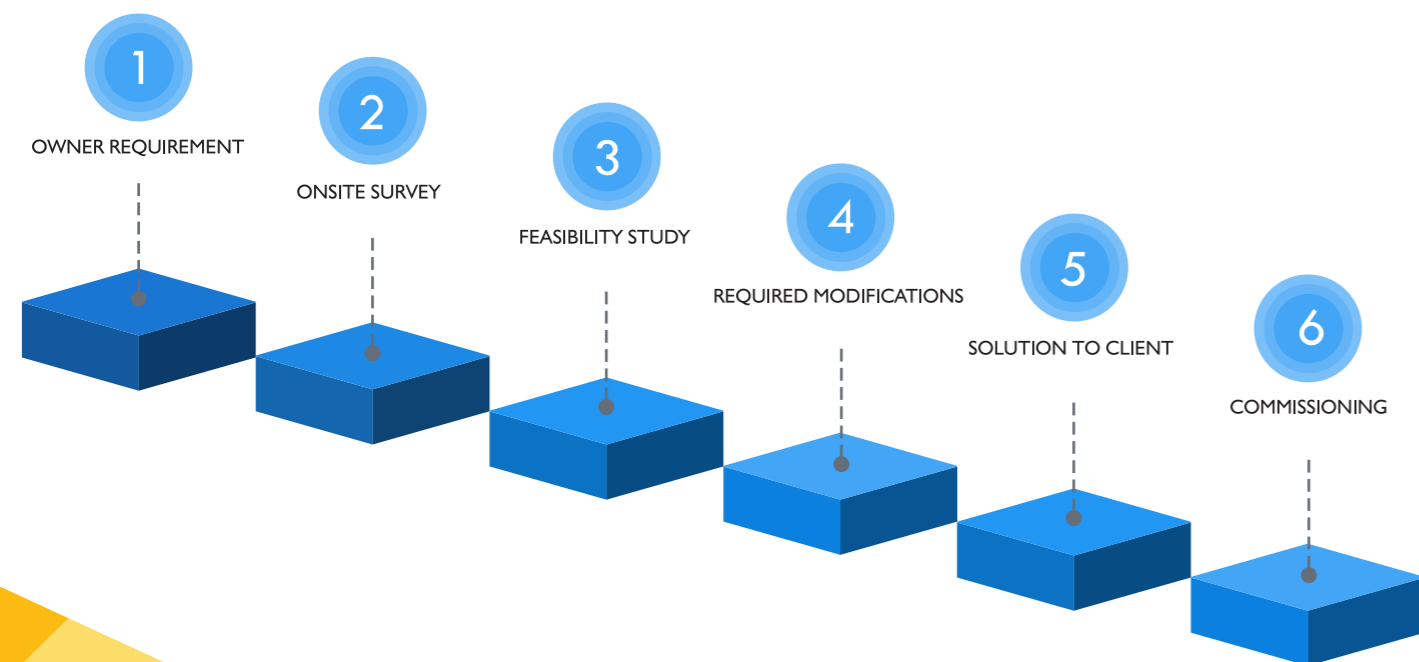
- ✓ Assessment of Suitable Technology and Availability
- ✓ Ship Survey / Appraisal / Pre-planning / 3-D Scanning
- ✓ Feasibility Study Providing 3-D Modelling of Pre-selected System
- ✓ Modifications (Steel Modification, Piping Modification).
- ✓ Up-gradations & New Installations (hull Outfitting/Auxiliary Equipment's and Related Piping, Integrated and Independent Tanks).
- ✓ Efficiency Optimisation (Bulbous Bow, Main & Aux. Engines, Rudder, Propeller).
- ✓ Capacity Increase (deckhouse Elevation, Lengthening, Sponsons).
- ✓ Design Engineering (Class Package, Detail Design, Prod. Info. and As-built Documentation, Including Preparation and Submission of All Documentation Required for Class Approval).
- ✓ Technical Assistance Throughout Fabrication and Installation.
- ✓ Offshore(FPSO Conversion, Installation Vessel Conversion, Deep Sea Cranes, Rov Decks, Sps Upgrade).
- ✓ Upgrading Solutions for Owners, Operators and Yards
- ✓ Ballast Water Treatment
- ✓ Pre and Post Evaluation of Efficiency
- ✓ Fuel and Emissions Energy Efficiency Design Index (EEDI), Ship Energy Efficiency Management Plan (SEEMP)
- ✓ Retrofit as per new requirements for panama canal transit

About The Company

Buoyancy Consultants offers a spectrum of specialized design engineering & technical consultancy services in the maritime sector. It's presence have expanded globally with clients spread across 10 countries. Its wide range of services covers shipbuilding, offshore & Industrial segments while ensuring the highest quality standards.

About Retrofitting

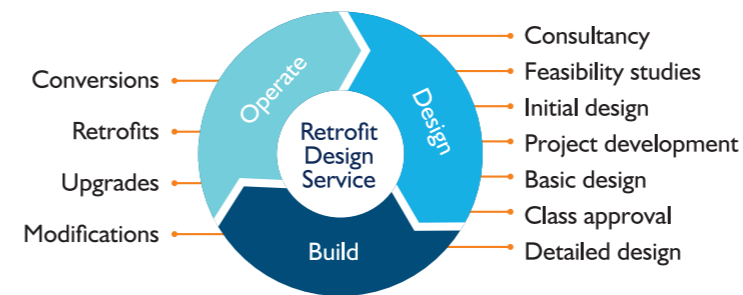
Retrofit of existing ships is becoming increasingly interesting for ship-owners. It provides the possibility to save fuel and stay competitive against newer eco-designs.



Our Expertise

Our team have experienced in working on any conversion proposal in order to meet new regulations/conventions, equipped the vessel with latest advanced equipment's, improve the cargo capacity or carry a new type of cargo, reduced emissions, reduce fuel consumptions, improve stability and speed of the vessel.

With our in-house laser scanner, we can quickly generate missing legacy design data. Our project management team can also be part of owner's ship life cycle process to ensure required supervision during repairs & conversion.



Conversion of Bulk Carrier to Tanker

- Modifying existing Barge to Tanker



Modification of Inland Ore Carrier to General Cargo Carrier

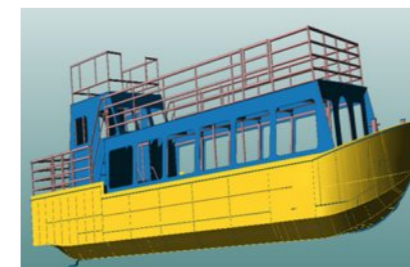
- Increasing cargo carrying capacity by changing the width of cargo hold
- Installation of hatch cover.



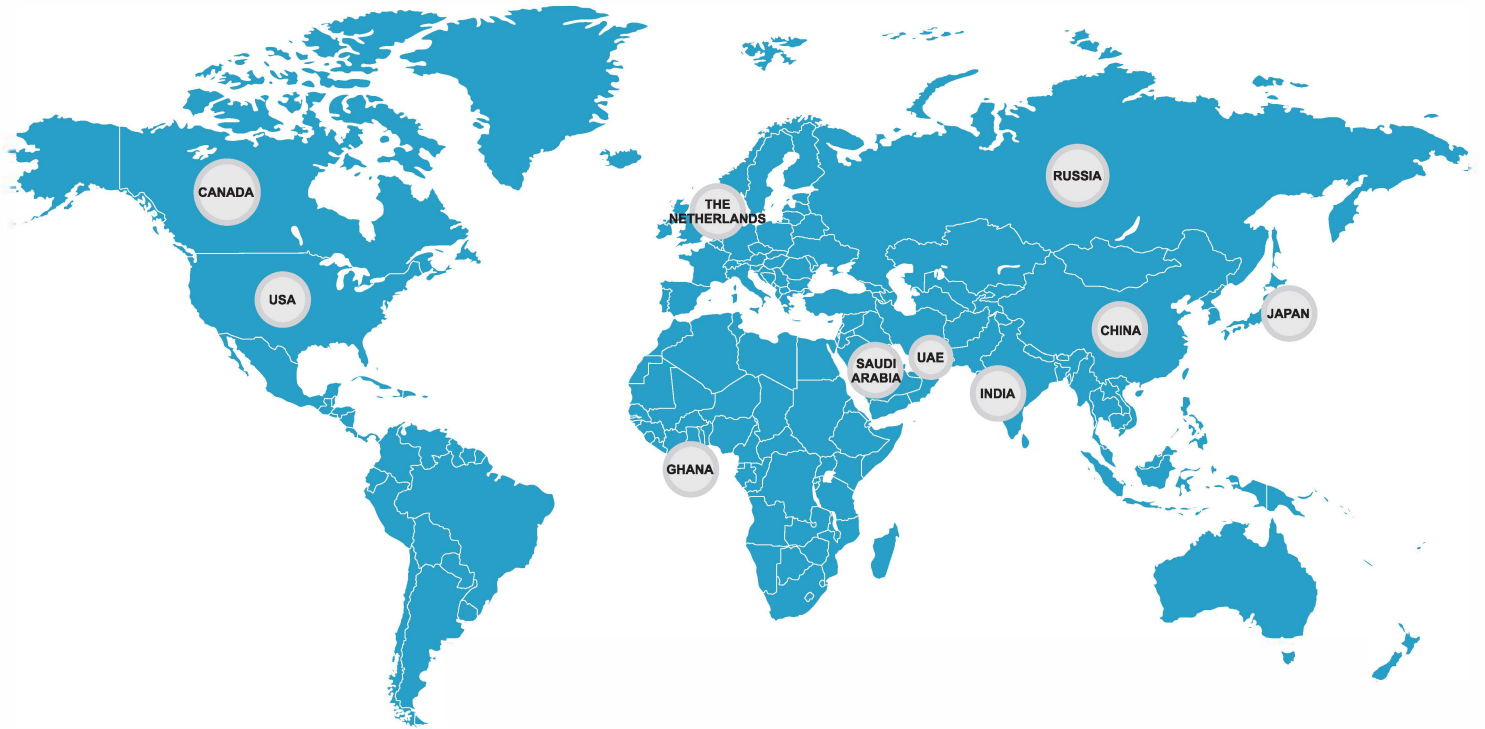
PROJECTS ACCOMPLISHED

Retrofitting Of Passenger Ferry

- Bow modification for increasing speed
- Single screw to Twin screw propulsion
- Main engine upgradation



PROJECTS FLOATED



OUR CLIENTS



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