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# **GLOBAL**

## **CONSULTANCY SERVICES**

**SHIP DESIGN, NAVAL ARCHITECTURAL  
SERVICES, MARINE & OFFSHORE CONSULTANT  
& MARINE FIRE PROTECTION SYSTEMS**



**LOOKING FOR BETTER TOMORROW**

## About Us

We are a team of experienced professionals from diverse fields such as Merchant Shipping, Offshore industry, Ship repairs, Draftsman and more. After conducting thorough research and understanding the needs of the Marine & Offshore industry, we have come up with several propositions and services for a wide range of clients. Our objective is to tender appropriate solutions for clients and make them feel proud for choosing us.

## Mission

We are committed to providing High quality ship design consultancy services and Design, manufacturing, installation, testing & proving of fire fighting equipment for marine & offshore industries in accordance with the customer's specific requirements and strictly in conformance with the latest statutory rules and regulations in force; including adherence to international standards of marine safety. We believe on customer focus and will strive to ensure continual improvement in our installation services through effective implementation of Quality Management System.

## Vision

Our aim is to become a global market leader in the niche of ship design, naval architectural calculations, shipbuilding, ship repair and conversion and related services, growing step by step developing quality vessels and services. We want to exceed our client's expectations in terms of quality, innovation and reliability. Building successful relationship with customers, partners and employee in a safe environment. We will be a respected global entrepreneur, through the power of positive action.

## Quality Policy

We are committed to providing High quality ship design consultancy services and Design, manufacturing, installation, testing & proving of fire fighting equipment for marine & offshore industries in accordance with the customer's specific requirements and strictly in conformance with the latest statutory rules and regulations in force; including adherence to international standards of marine safety.

We believe on customer focus and will strive to ensure continual improvement in our installation services through effective implementation of Quality Management System.

## Company Profile

We offer complete solutions to clients for any "Flag change & Conversion", preferably to Indian Flag and SPS Conversion, needs including feasibility studies. Our Team of experienced Marine Surveyor from IACS (IRS), Naval Architects and structural engineers are well experienced in ship design, statutory Compliance drawings, Stability etc. We offer standard designs on small specialized vessels including OSV, AHTS, MSV, Research Vessel, Fast Crew Boats, High Speed Craft, and Utility Boats etc.

We are also one of the Manufacturers for Supply of Marine Fixed CO2 Fire Suppression System as Brand **FirzOut**, also manufacture of High Pressure Flexible Hoses Certified by IACS Society and Supplier of Marine Fire Safety and Life Saving Appliances in India and abroad. With our dedicated service and good reputation of delivering quality material and service in time, we are able to handle any urgent needs. We are currently certified by major IACS societies such as IRClass (IRS), etc. as OEM of System for all types of vessels.

Global Consultancy Services has provided best in class services for Indian flag conversion in compliance with rules and regulation of Director General of Shipping (DGS) and Indian Register of Shipping (IRS) for long time for different type of Vessel like Gas Carrier, Tanker, Bulk Carrier, Offshore Supply Vessel (OSV), Passenger Vessel, Tugs and etc.

## Why Us?

In a short period, we have developed a good portfolio of several concept & basic designs of vessels for offshore support and short sea/coastal trade.

Our portfolio designs are an outcome of an intense brainstorming with clients along with innovative thinking and wide practical exposure of our team.

Fulfilling business needs and hence client satisfaction is the top objective for each project at Global Consultancy Services and it is this priority that will make us grow as a reliable partner to offer cost effective & high quality solutions to our clients

## Our Values

Values define our core substance. At GCS, we aim to provide the best results to our clientele and abide by the following values while doing so:

- Honesty and Integrity
- Leadership and Teamwork
- Continuous Learning and Innovation
- Customer Satisfaction
- Continuous improvement
- Commitment to Environment Protection and Personal Accountability
- Superior Quality, Integrity and Honesty
- Happiness at work & in life

## • Our Team

Our team includes, Marine Professionals, Marine Surveyors from IACS(IRS), Master Mariners, Structural Engineers, Chief Engineers and Naval Architectures with Marine related field expertise. They are well equipped with experience in Ship design, Statutory Compliance Drawings, Stability and much more.

We have grown to a team of more than 10 with Naval Architects, Marine Engineers, other Engineers and Designers, and also all the other supporting staff. We have our Head Office located in Mumbai with offices and staff all across the globe.



**Mr. Anand K. Asati**

(ex. Sr. Surveyor (IRS),  
Marine Engineer (MEO  
Class I)

## Managing Director

Having vast sailing experience on Multiple ships like Bulk Carrier, General Cargo/Container, Tanker, OSV with good track record. Having Surveyor Experience of 09 years to conduct following Surveys and Audits with Indian Register of Shipping (IR Class).

- Statutory Survey of Offshore Supply Vessel, Bulk Carrier, Tanker
- Competent Person for Fire Fighting System.
- ISM Audit, MLC Audit, ISPS Audits of Ships
- DOC Audits & Bunker Supplier Audit for Various Companies.
- Survey of Many ONGC Offshore Rigs, Survey of Mobile Offshore Drilling Units (MODU)
- Worked in IRS Head Office Statutory Department.
- Trainer of MODU & Ships Survey
- Carry Out Vessel Pre-Purchase Inspection.
- Preparation of All Statutory Plans (LSA, FFA, LSS Plans, etc.) and SPS Conversion.
- Preparation & Review of Naval Architectural Calculations and Stability Booklets.

Now, Intention is to develop, qualities in Marine and Offshore Industry, and grow company as whole out of vast experience. Global Consultancy Services providing statutory compliance to various shipping company.

## Our Special Services

- **Ballast Water Treatment System Retrofit Engineering** : Global Consultancy Services assists vessel owners in taking a calculated step to overcome a possibly challenging scenario ahead. The first step a Ship owner or Manager intending to install a BWTS equipment on-board his ship is to perform a feasibility study.
- **Marine Fire Protection System & Solutions** : We provide complete systems duly approved by MMD/ABS/IRS as the case may be. All of the systems are manually operated from either a remote station or at the local station.

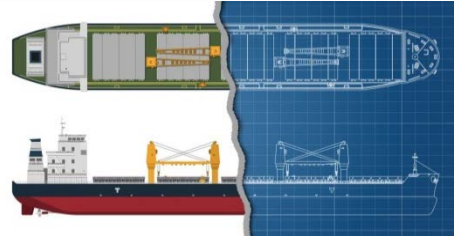
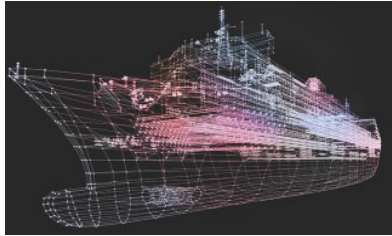
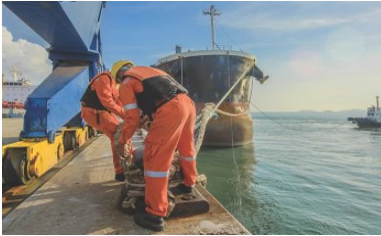
Global Consultancy Services Brand **FirzOut** supplies approved marine High-Pressure Carbon Dioxide (CO<sub>2</sub>) Suppression Systems which are typically installed to protect Various Spaces Onboard Ship :

- Engine Rooms
- Pump Rooms
- Incinerator Rooms
- Generator Rooms
- Cargo Holds and Paint Lockers and
- Other small storage areas from fire on Marine Ships



## • Services Offered

- Ship Design & Engineering
- Vessel Flag Conversion
- Naval Architectural Services
- Ballast Water Management System
- Preparation Of Ship Operation Manual
- Marine Cyber Safety
- Vessel Major / Minor Conversion
- Towing Calculations And Plan
- Stability Analysis & Inclining Experiment
- Assistance for MMD and DG Shipping Job.
- Flag Conversion (Registration of the vessel under MS act/ Coastal vessel Act etc.)
- Issuance of safe manning document.
- Tonnage Certification
- Change of Ownership
- Exemption from Flag related to Statutory plan.

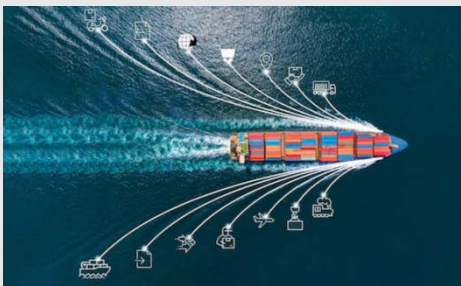


We offer Design services to Ship Owners, Fleet Managers and Shipyards extending to the following Above activities:

## Domain Knowledge

### • We have strong teams in several disciplines as follows:

**Naval Architecture:** We undertake various marine engineering services such as ship designing, building, testing and repairing ships, boats, offshore platforms. We also create blueprints for small yachts and fishing boats to ships of the various classes. The in-house naval architects at Global Consultancy Services are experienced professionals working with great ingenuity and adaptability.



- **Structural & Marine Engineering:** Our Naval Architects and engineers have experience of working with various classification societies like IRClass & worldwide. This experience gives us the confidence to develop designs for any Class and get clear approvals. We provide complete Ship Design & Engineering & Basic Ship Design with Class Approval.
- **Safety Engineering & Drawings:** We undertake Preparation of Safety Drawings as Flag State & Class Rules & Requirements for all type of and Prepare Safety Equipment Layouts, Escape Routes as per SOLAS, Accommodation Design along with Fire Detection & Protection, Life Saving Appliances Plan, Fire Control Plan, Light & Sound Signalling Plans & many More with Owner/Manager Requirement

- **Draft Survey Calculations:** We also provide Draft Survey service according to internationally agreed regulations and also according to national regulations. A survey is performed by reading the vessel's draft markings at six standard points on the hull: forward, midship and towards both the port and starboard sides. Revisions for factors such as trim, water density and non-cargo weight (such as fuel oil and drinking water) are changed before calculating the cargo weight change. When draft surveys are initiated by independent surveyors, co-operation of the ship's officers is essential. Independent surveys should be undertaken together, during the relative survey sections, with the vessel's chief officer and chief engineer or their appointed deputies.

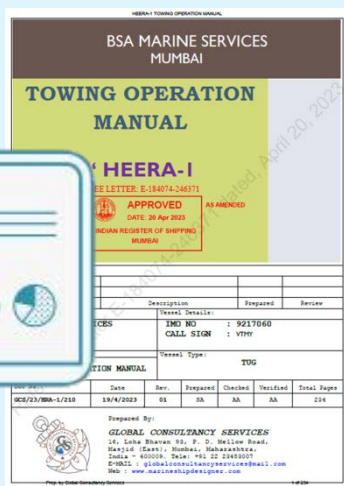
- **Regulatory Compliances:** We Undertake & Prepare Various Plans & Manuals with Regulatory Compliance of, SOLAS, MARPOL, IMDG, IBC code, Class Rule & Flag compliances – USCG & other Flag authorities



## Ship Board Plans and Manuals

We Undertake & are very confident (Doing Plans & Manual approval from IRS/ABS/RINA/DNV from last 10 years) in making following plans for Indian flag vessel. Class approvals are obtained on behalf of owners.

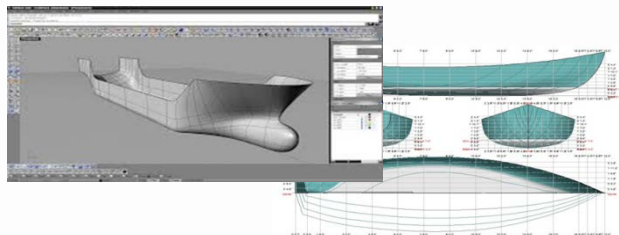
- Preliminary GA Plan
- Life Saving Appliances Plan
- Fire Control Plan
- GMDSS Retrofit Plan (Antenna& AIS Plan)
- Crew Accommodation Plan
- Navigational Light sound Signal and Shape Plan
- Structural Fire Protection Plan
- Load Line Plan
- Lines Plan
- Shell Expansion
- Inclining Experiment Report
- Draft Survey Report
- Tank Capacity Plan
- Trim & Stability Booklet
- Damage Stability Booklet
- Issuance of FORM – B
- Sewage System Plan
- Vector Management Plan
- Asbestos Management Plan
- Cyber Risk Management Plan
- Rate of Sewage Discharge
- Bilge Piping
- Damage Control Plan and Damage Control Booklet.
- Structural Plan (All type)
- Davit Foundation Plan & Weight Calculation
- SOPEP Manual
- SMPEP Manual
- P&A Manual
- Ballast Water Management Plan
- Ship Security Plan & Assessment
- Towing Plan & Towing Manual
- Cargo Securing Manual
- Speed Log Installation Plan
- Eco Sounder Installation Plan
- IWS Notation Plan



## Naval Architectural Services

We are under Various Naval Architectural Services & Prepare Structural Analysis, structural design. We also provide structural analysis services for ships & offshore structures using software tools & Prepare Documents like :

- Scantling computations and Structural Analysis
- Loading manual
- Deadweight survey
- Piping & Electrical Design
- Hull plan
- Stability Analysis & Inclining Experiment
- Hydrostatics
- Intact Stability Analysis
- Deterministic Damage Stability Analysis
- Probabilistic Damage Stability Analysis
- Lines Plan
- Deadweight & Draft Survey
- Inclining Procedure
- Inclining Experiment
- Inclining Report
- Shell Expansion Plan
- Davit Foundation
- Docking plan
- Capacity plan
- Tonnage and freeboard Computation



## Audit & Ship Management Services

We provide following Audit & Ship Management Consultancy & Document Preparation for Approval from Statutory Authorities.

- ISM Audit
- ISPS Audit
- DOC (Preparation & Audit)
- RPSL (Preparation & Audit)
- MLC & DMLC (Preparation & Audit)
- Vessel Inspection and Reports
- Planned Maintenance Systems
- Technical Assistance as per Ship Owner's Requirement
- Pre-Dry Dock Preparation and Dry Dock Supervision to ensure Complete Compliance.
- Modification Project Feasibility and Complete Execution.

# Our Clients



## Approvals & Listings:



## Marine Fire Protection System & Solutions



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Registered Office:

Address :  
Office No.16, Gr. Floor, Loha  
Bhavan, P. D. Mellow Road, Masjid  
(E), Mumbai – 400 009,  
Maharashtra, India

Office :  
+91 22 68201443 / 69309142  
Email: [globalconsultancyservices@mail.com](mailto:globalconsultancyservices@mail.com)  
Website: [www.globalconsultancyservices.net](http://www.globalconsultancyservices.net)