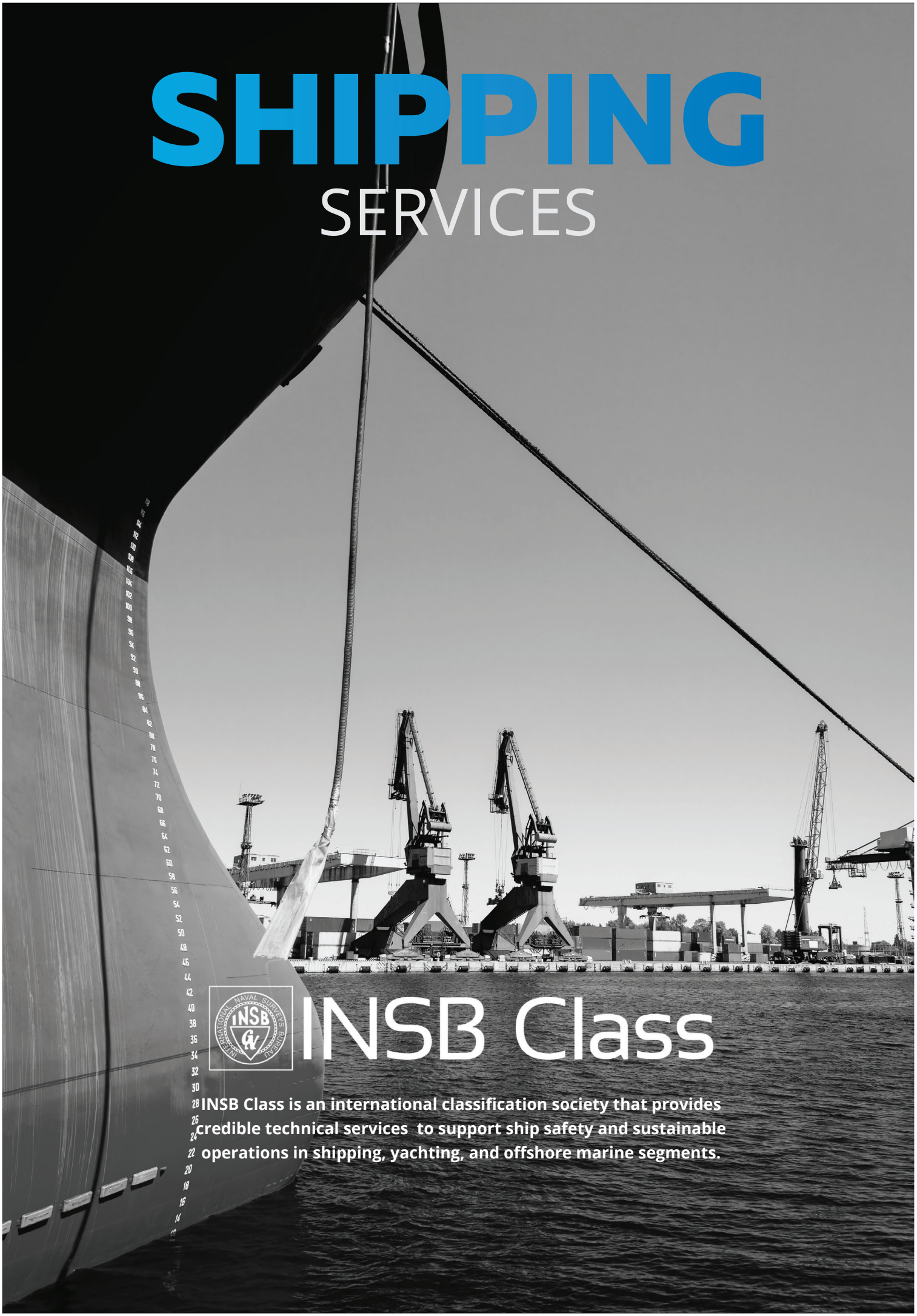
SHIPPING
SERVICES



INSB Class

INSB Class is an international classification society that provides credible technical services to support ship safety and sustainable operations in shipping, yachting, and offshore marine segments.

Building on strengths and expertise

INSB CLASS DEFINED BY ACTIONS

INSB Class has been supporting ship operators with ship classification and IMO regulation compliance for over 45 years by providing quality, objective and impartial technical services.

We continue to evolve trusted relationships with maritime stakeholders by aligning the values, expertise, and competencies of the INSB Class people with our corporate mission and our strong maritime culture for safety and performance.

MISSION

"to safeguard life and property at sea and contribute to a greener and sustainable environment for now and the future".

MEET INSB CLASS

ABOUT US

INSB Class is a Greek ship classification organization headquartered in Piraeus, Greece, with a record of sustained and expanding presence in the international marine industry spanning nearly five decades.

As an independent technical supervisory organization, INSB Class supports shipping, yachting and offshore segments and conducts safety surveys for ships classification, statutory and management systems certification together with the applicable verification appraisals and engineering approvals.

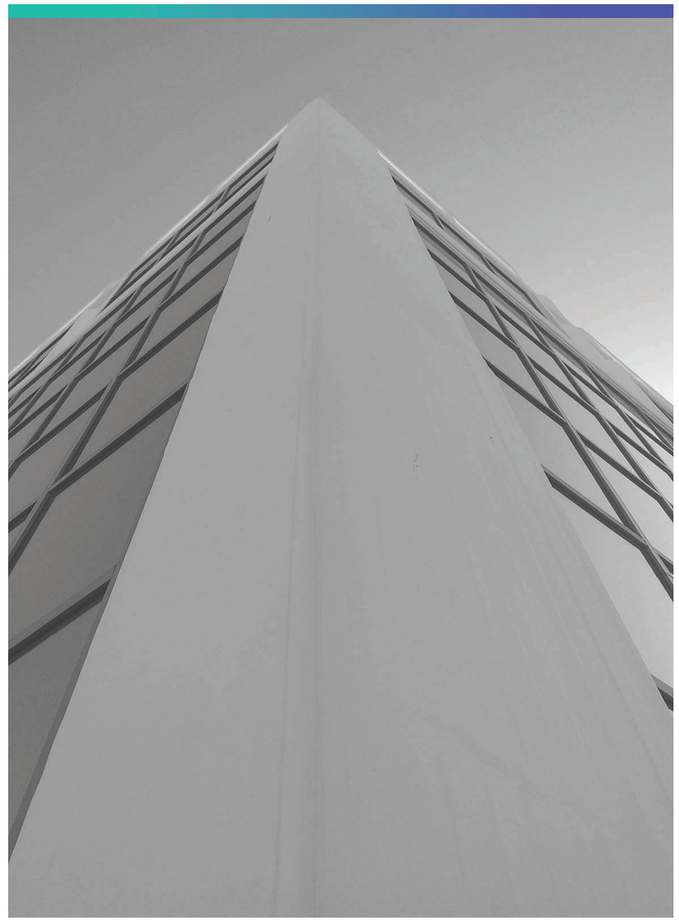
INSB Class belongs to the cluster of leading International Class Societies which share certain features and capabilities.

Besides its technical competence and diversity, INSB Class demonstrates agility and high level of commitment which meet the technical classification needs of the international shipping.

Our professionals are dedicated to providing accredited services to clients with agility and speed wherever they operate. INSB Class can offer high expertise and value-added customer experience through a well-structured network of surveyors and experts with local presence in 50 countries.

VISION

INSB Class aspires to be the preferred global provider of risk management solutions and actively contribute to novel ship safety principles for a safer maritime world.



ETHOS

INSB Class adheres to and is committed to conducting all of its activities in a safe, responsible, unbiased, and ethical manner, thereby creating a corporate reputation as a highly reliable, competent, and trustworthy provider in the maritime industry.

Leveraging experience, skills, and expertise

For almost five decades, INSB Class has been assisting ship operators with ship classification and IMO regulatory compliance by delivering high-quality, objective, and unbiased technical services to the shipping industry.

Each day, INSB Class assists and supports its growing customer base in establishing ship safety and regulatory compliance while conserving the marine environment with credible technical solutions and services.

Our activities are supported by the expertise and experience gained through the provision of survey and classification services by highly trained surveyors, auditors, and experts who apply their professional experience and maritime knowledge to improve ship safety standards and operational reliability and endurance.



PILLARS

How we mean BUILDING **TRUST**

We adhere, develop and commit to building trust as a responsible provider by instilling:

Trust in our services being properly planned and implemented with the appropriate level of quality while adhering to the standards and regulations

Trust in our people, values, ethics, policies and our vision

Trust in our collaborations and relations with our trustees, associates and clients

How we mean SHAPING **SAFETY**

Monitor regulatory changes and developments and implement best practices in our service chain's supply

Never compromise on safety

Embed a safety culture throughout all areas of our work

Unwavering commitment to safety and security

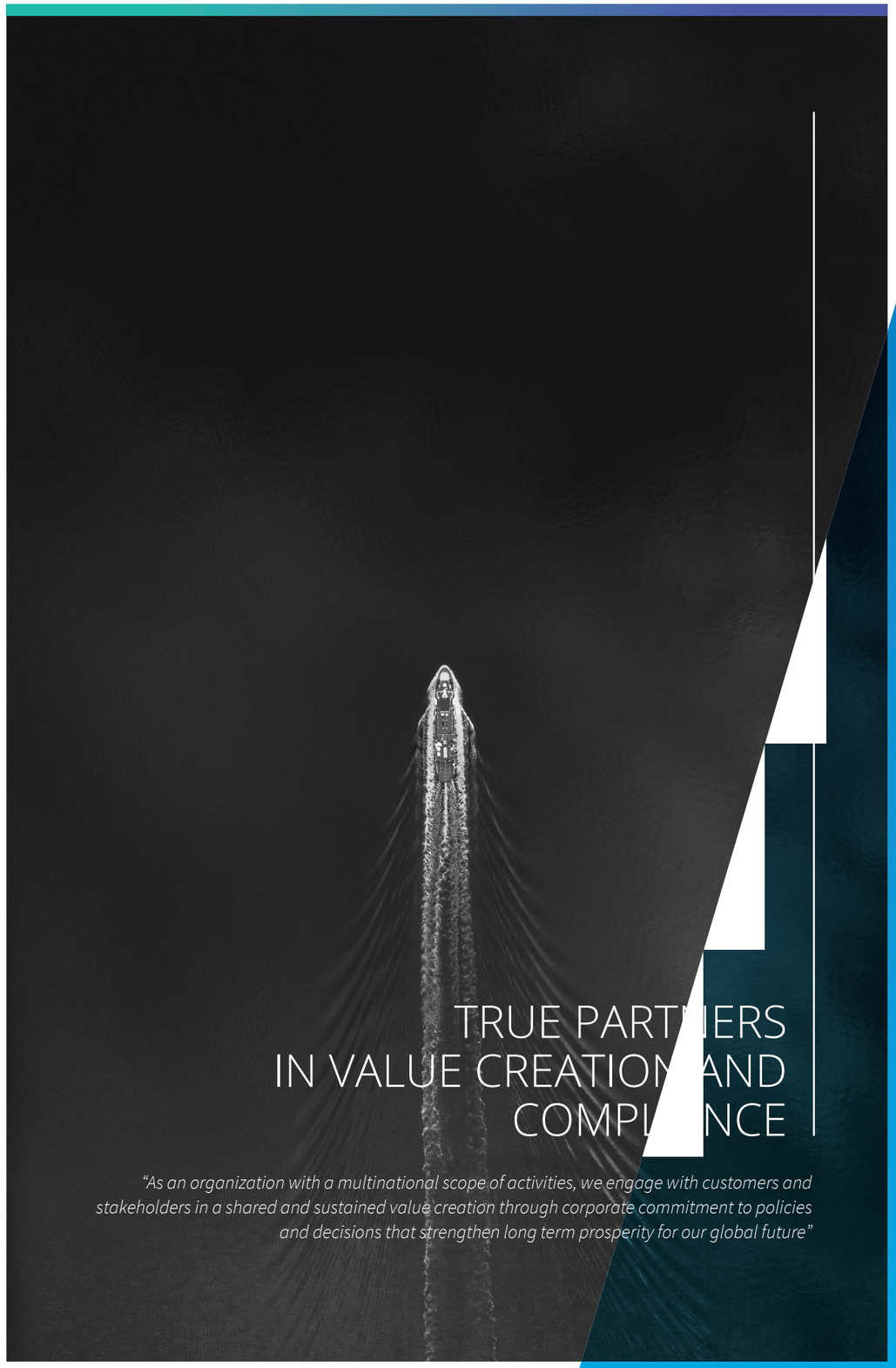
Building Trust. Shaping Safety

Our corporate motto reflects upon our collective commitment to our corporate values.

INSB Class professionals around the world are dedicated to this unique purpose and we are guided by important values that make us a reliable partner in ship classification and compliance.

Piraeus is our home base

Piraeus serves as the global headquarters and operational center for the INSB Class workforce, which comprises naval architects, marine engineers, and technical specialists, as well as administrative professionals.



TRUE PARTNERS IN VALUE CREATION AND COMPLIANCE

"As an organization with a multinational scope of activities, we engage with customers and stakeholders in a shared and sustained value creation through corporate commitment to policies and decisions that strengthen long term prosperity for our global future"

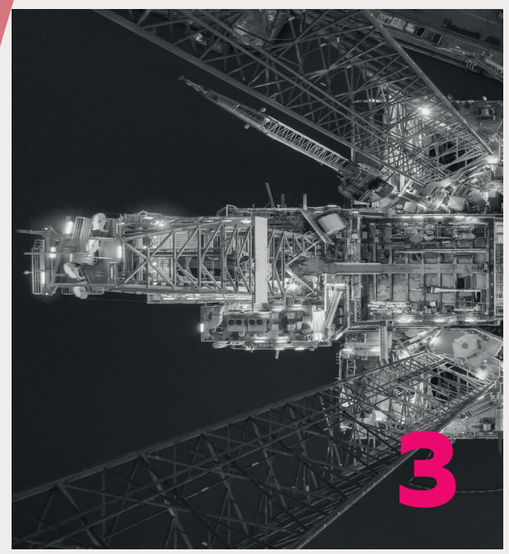






A BESPOKE SERVICE MIX





1 SHIPPING

We deliver accredited ship classification, technical appraisals and statutory compliance services and verifications, for a versatile fleet configuration.

2 YACHTING

Our yachting services portfolio lists classification and safety certification services for yachts, either private or engaged in commercial trade.

3 OFFSHORE

We support the offshore sector by offering classification and technical solutions for various offshore assets and floating installations.

4 ECO-SERVICES

By verifying compliance with environmental standards used in international shipping, we help make the marine world a greener place.

5 GREEK SHIPPING

We examine and certify the safety and compliance of Greek domestic vessels and help them improve operational performance and service capabilities.

We serve several marine segments through a variety of technical compliance services based on our performance focus and knowledge on the application of numerous ship safety standards and instruments.

INSB Class. Certifying Safety since 1977.

INSB Class assists and supports daily its growing customer base to maintain sustainable ship safety and regulatory compliance while protecting the marine environment via credible and accredited technical services and solutions.

Our Services

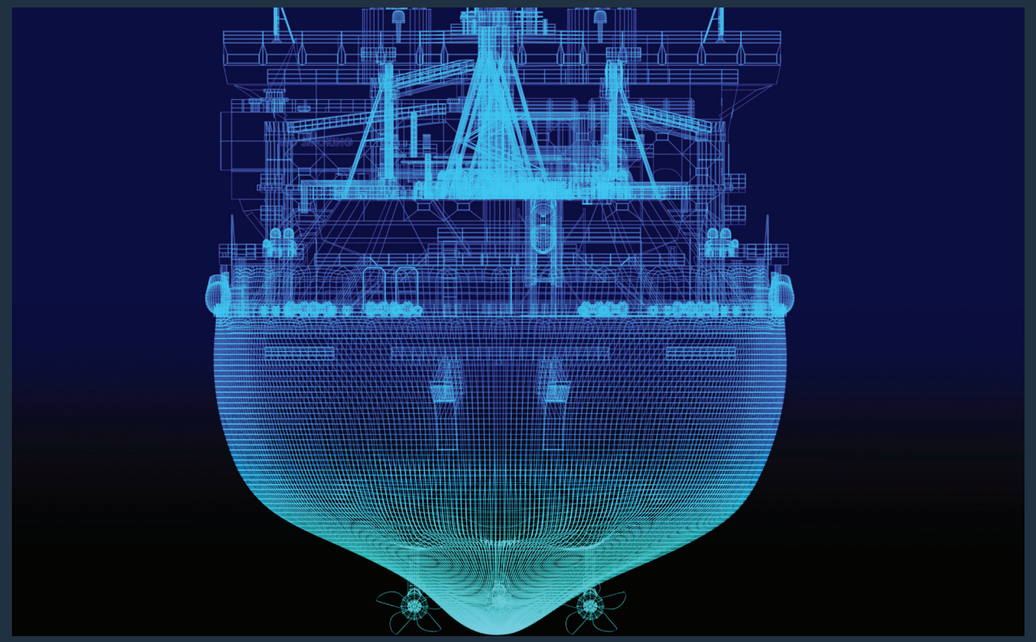
INSB Class deliverables include:

- Ship classification scheme for fleet in service
- Supervision of new constructions
- Statutory inspections, auditing and certification
- Plan approval review & verification
- Classification for Offshore floating Installations
- Management Systems assessment & certification
- Services for the Greek Shipping domain
- Classification and Certification for yachts
- Environmental Assessments & Verifications

CLASS AND RULES

From the early phases of ship design and construction, throughout the entire life cycle, we provide accredited ship classification, appraisals and compliance verifications, irrespective to size and fleet configuration.

INSB Class ship classification program and our dedicated set of Rules and Regulations, assist you to meet sound operational reliability and endurance wherever you operate.



FLEET IN SERVICE

INSB Class rules require that every classed vessel shall be subject to periodic surveys throughout its service life to determine whether it is maintained in accordance with classification standards.

Classification Surveys are based on a regular five-year cycle including Annual Surveys, an Intermediate Survey and a comprehensive Special Survey including dry docking or underwater inspection in lieu of dry docking twice in a five-year period.

INSB Class surveyors also attend repairs and / or modifications to determine that the work performed returns the unit to a condition that conforms to the INSB Rules.

Admission to INSB Class is smooth yet standards compliant process and can be enacted by contacting either the INSB Class Head Office or your nearby field station.

A program of surveys will be then set forth based on the outcome of the first document review results plus ship's existing periodical cycle of surveys of the loosing society.

A prompt schedule for vessel's attendance shall be determined in contact with ship operators to en-sure minimal disruption to vessel's trading activity.

CHANGING THE FOCUS. START TODAY.

Your next class society is not just a class. Its a bridge to the next generation of modern shipping.



RULES AND REGULATIONS

INSB Class works closely to meet the growing needs of its clients in response to enforcement of new regulations and changes within the industry.

In such a context, INSB Class has developed & maintains its own set of Rules & Regulations, relevant to ships design, construction and operational maintenance.

The INSB Rules & Regulations derive from principles of naval architecture, marine engineering IMO conventional requirements, MSC circulars, IACS unified inter-pretations, in service feedback and research findings.

Design and Construction require-ments, scope of tests and surveys are defined by the Rules for Ship Classification and Construction.

INSB Class Rules series

- Classification and Survey Requirements
- Hull Construction and Equipment
- Materials and Welding
- Machinery Installations and Shafting
- Electrical and Automation Equipment
- Boilers
- Vessels of Special Service & Type
- Refrigerating Plants & other ship systems
- Rules for Small Vessels
- Pleasure Crafts
- Rules for Floating Docks
- Yachts
- Fiberglass Reinforced Plastics
- MODUS & Floating Installations

TRANSFER OF CLASS

Class admission process can be enacted by submitting the following information and documentation of the vessel to INSB Class:



1.

Submission of Application for Transfer of Class together with authorisation for INSB Class to contact with the loosing society and obtain ship's survey and certification history, and class related documentation.

2.

Review of ship's documentation, plans/manuals and allocation of applicable entry-survey requirements and attendance plan. Desired class and service notations are also reviewed.

3.

Transfer of Class surveys, in accordance with the applicable survey requirements depending on the specifics of each ship data and cycle of previous surveys.

4.

Issue of certification - entry into INSB Class Register and issue of survey status information.



NEWBUILDING ACTIVITY

INSB Class has supervised the construction of various ship types and sizes (all stages) and which have been satisfactorily and timely delivered. In a new building project, INSB Class proceeds to:

- Review of class-relevant design documentation, calculations and drawings
- Design approval, survey, certification of materials and equipment
- Supervision of the vessel's construction on site
- Witnessing of functional tests, including dock and sea trials
- Initial Classification survey for the issue of ship's Certificate of Class, H/M & Equipment
- Initial Statutory surveys for certification on behalf of intended Flag State



RESEARCH ACTIVITY

INSB Class as a dependable and reliant classification society, embraces change and with a clear collaborative spirit remains energetic and participates in joint EU research programs and activities which aim to promote marine technological innovation and sustainability.

Compliance review

- Review of vessel's class plans, drawings and specifications
- Verification of main ship's plans following modification or repairs

Structural calculations

- Design & hull structure strength
- Longitudinal strength
- Fatigue strength
- Scantlings determination
- Equipment Number

Computations

- Freeboard computation
- Tonnage measurements
- Towage computation
- Cargo Securing Arrangements

Stability related

- Stability & Loading calculations
- Intact and Damage stability
- Grain Loading appraisals
- Inclining Experiments

PLAN APPROVALS

INSB Class provides a broad range of plan appraisal, engineering reviews and technical calculations related to the INSB Classifications Rules & Regulations, the International Conventions and National Regulations.

Approval of various Manuals

- Shipboard Oil Pollution Emergency Plan (SOPEP)
- Shipboard Marine Pollution Emergency Plan (SMPEP)
- Ballast Water Management Plan (BWMP)
- Ship-to-Ship Operational Manual (STS)
- Fire Control & Life Saving Plan
- Fire Safety Operational & Management Plan

EXPERTISE

FLAG STATUTORY SERVICES

The expanding reputation for integrity and technical expertise reflects upon the broad recognition and close cooperation we hold with various Ships Registry jurisdictions.

As an approved Recognized Organization, INSB Class performs surveying, plan approval review & verification, management systems assessment and certification activities directly relevant to the IMO international conventions, codes and national requirements for and on behalf of a growing number of delegating flag states.

SOLAS

The SOLAS Convention, in its sequential updates, is widely recognized as the most fundamental amongst the IMO international treaties governing merchant ship safety.

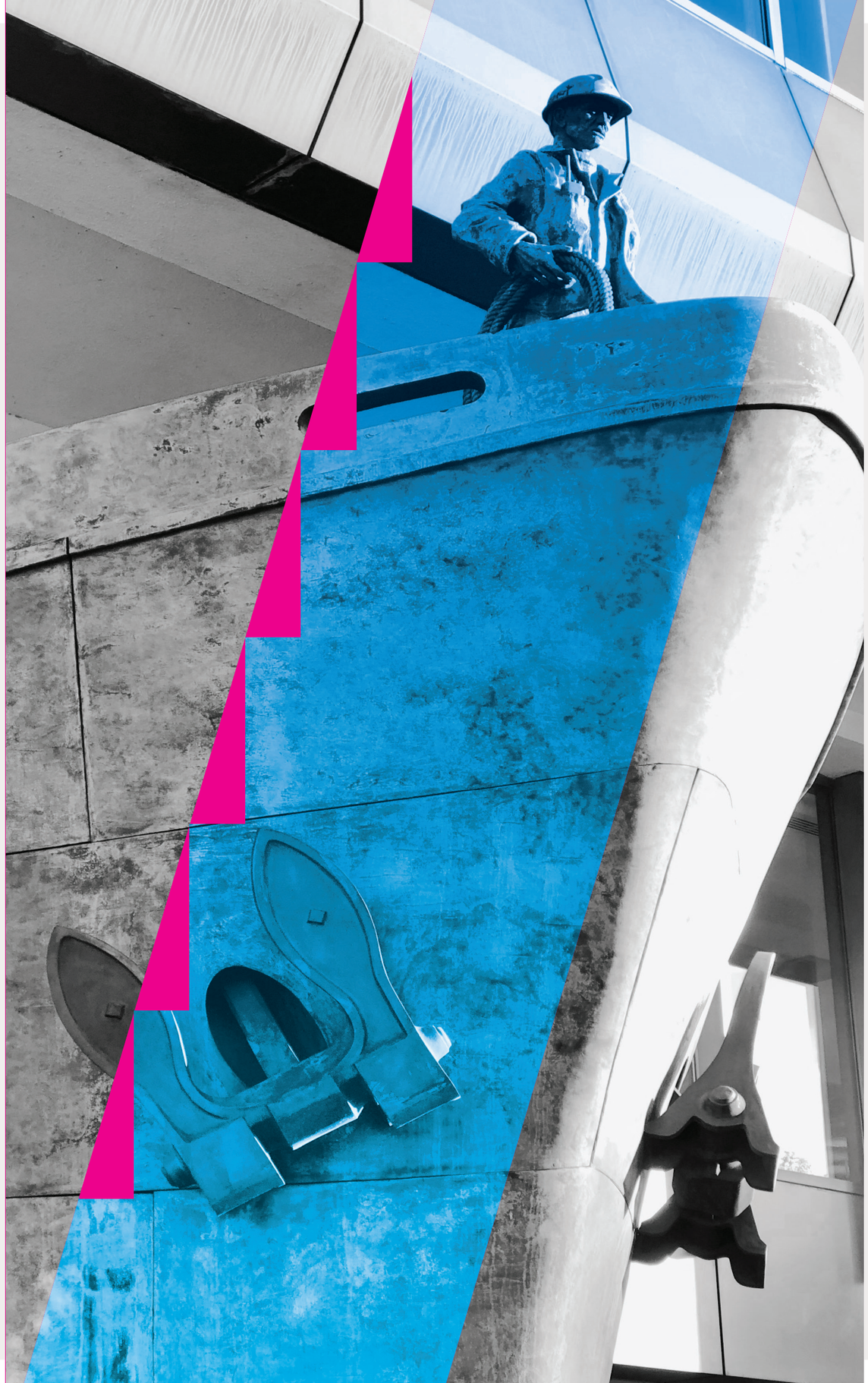
INSB Class is duly authorised by various Ship Registers to issue the following SOLAS-related certificates for ships, after satisfactory completion of surveys:

- *Cargo Ship Safety Construction Certificate (CSSC)*
- *Cargo Ship Safety Equipment Certificate (CSSE)*
- *Cargo Ship Safety Radio Certificate (CSSR)*
- *Passenger Ship Safety Certificate (PSSC)*

LOAD LINES

The International Convention on Load Lines (ICLL) governs the determination for the freeboard of ships by subdivision and damage stability calculations as well as the external weathertight and watertight integrity aiming to ensure adequate stability and avoid excessive stress on the ship's hull as a result of overloading.

INSB Class performs statutory survey and certification services for ships in accordance with the pertinent requirements of the International Convention on Load Lines (ICLL).



MARPOL

The International Convention for the Prevention of Pollution from Ships (MARPOL) and its Annexes, is the main international convention covering prevention of pollution of the marine environment by ships from routine operation or accidental causes.

- *IOPP Certificate (MARPOL I)*
- *NLS Certificate (MARPOL II)*
- *ISPP Certificate (MARPOL IV)*
- *Garbage Certificate of Compliance (MARPOL V)*
- *IEE Certificate (MARPOL VI)*
- *IAPP Certificate (MARPOL VI)*
- *EIAPP Certificate (MARPOL VI and NOx Technical Code)*

TONNAGE

The International Convention on Tonnage Measurement of Ships (ITC69) introduced a universal tonnage measurement system to calculate the tonnage of merchant ships.

INSB Class can provide the International Tonnage Certification (ITC 69) as well as tonnage statement based on national regulations.

OTHER INSTRUMENTS

Apart from the survey and certification functions linked to the main IMO Conventions and Codes, as part of our RO delegations, INSB Class performs supplemental survey and certification services relevant to additional statutory instruments, including:

- *Document of Compliance for Dangerous Goods*
- *Document of Compliance for Solid Bulk Cargoes (IMSBC)*
- *Certificate on Antifouling Systems (AFS)*
- *Ballast Water Management*
- *Inventory of Hazardous Materials and Ship Recycling*
- *MODU Safety Certificate*
- *High Speed Craft Safety Certificate (HSC)*
- *Special Purpose Ships safety Certificate*
- *Safety Certificate for fishing vessels*
- *Crew Accommodation certificate*
- *Certificate of Fitness for Chemicals in Bulk (IBC)*
- *Safety certification under pertinent Yacht Codes*

MANAGEMENT SYSTEMS

ISM Code services

- *For Companies: Document of Compliance (DOC)*
- *For Ships: Safety Management Certificate (SMC)*

ISPS Code services

- *Security Assessment & Plan approval*
- *Intl' Ship Security Certificate (ISSC)*

MLC 2006 services

- *DMLC Endorsement*
- *Maritime Labour Certificate (MLC)*

Through direct Flag delegations, synergies and third-party co-operations, we help you achieve a greater environmental and operational performance in a world where “green” issues are increasingly trending.



The Ship Energy Efficiency Management Plan (SEEMP) is an operational measure that establishes a mechanism to improve the energy efficiency of a ship in a cost-effective manner and encourages operators at each stage of the plan to consider new technologies and practices when seeking to optimise the performance of their ships.

The EEOI enables operators to measure the fuel efficiency of a ship in operation and to gauge the effect of any changes in operation, e.g. improved voyage planning or more frequent propeller cleaning, or introduction of technical measures such as waste heat recovery systems or a new propeller.

ENERGY EFFICIENCY SERVICES FOR SHIPS

Under MARPOL Annex VI , technical and operational measures were adopted at the IMO level aiming to reduce carbon intensity of international shipping, by introducing mandatory goal-based technical and operational measures to reduce carbon intensity of international shipping.

INSB Class offers Energy Efficiency services relevant to the assessment, approval and certification of:

EEDI

- *Energy Efficiency Design Index (EEDI)*
- *Ship Energy Efficiency Management Plan (SEEMP)*
- *International Ship Energy Efficiency Certificate*

EEXI

- *The Energy Efficiency Existing Ship Index (EEXI), applicable from the first annual, intermediate or renewal IAPP survey after 1 January 2023*
- *The enhanced Ship Energy Efficiency Management Plan (SEEMP), whereby an approved SEEMP needs to be kept onboard from 1 January 2023*
- *The operational Carbon Intensity Indicator (CII) rating scheme, taking effect from 1 January 2023*

The new measures will require all ships to calculate their Energy Efficiency Existing Ship Index (EEXI) following technical means to improve their energy efficiency and to establish their annual operational carbon intensity indicator (CII) and CII rating. Carbon intensity links the GHG emissions to the amount of cargo carried over distance travelled.

GREEN SERVICES

IMO DATA COLLECTION SYSTEM (IMO DCS)

IMO has outlined a roadmap through 2023 which is focused on developing a comprehensive strategy for the reduction of GHG emissions from shipping and adopted a mandatory Fuel Oil Data Collection System (DCS) for international shipping, requiring ships of 5,000 gross tonnage or above to start collecting and reporting data to an IMO database.

INSB Class IMO DCS Verification and certification services include:

- *Review of the Ship Energy Management Plan (SEEMP);*
- *Fuel oil consumption Statement of Compliance*
- *Mandatory annual IMO DCS reporting*



SHIP RECYCLING COMPLIANCE

EU SRR & Hong Kong Convention (IHM)

Under the regulatory framework of the EU Ship Recycling and the Hong Kong Convention, INSB Class supports ship operators addresses compliance irrespective of the current ships class, but only if and when INSB Class is so authorized by the Administration as its recognized organization.

Our services include:

- *IHM report compliance review and approval;*
- *Survey and certification services according to the Hong Kong Convention*
- *SoC-Statement of Compliance under the EU Ship Recycling Regulations*

BALLAST WATER MANAGEMENT CONVENTION (BWM)

The International Convention for the Control and Management of Ships’ Ballast Water and Sediments, 2004 (BWM Convention), entered into force globally on 8 September 2017 in order to help prevent the spread of potentially harmful aquatic organisms and pathogens in ships’ ballast water.

Amongst the RO functions delegated to INSB Class by various Flag States, the below related services are offered:

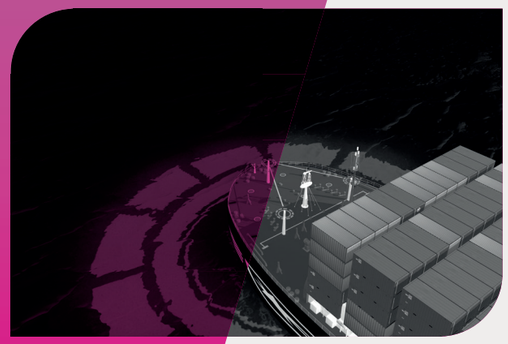
- *Review and approval of ship’s BWMP*
- *Initial and periodical surveys and certification*
- *Advisory services and guidance with regards to the enforcement and compliance under the BWM Convention.*

AREAS

SPOTLIGHT







1. PORT STATE CONTROL

The INSB Class maintains a strong oversight and emphasis on continuous Port State Control performance improvement in the various PSC Regional Memorandum of Understanding (MOUs) with the aim to maintain and enhance long-term quality growth and competitiveness.

Recognizing the importance of Port State Control performance, INSB Class collaborates closely with Flag States and ship operators to improve their fleet's associated PSC records through the sharing of detention prevention measures, the use of pre-arrival checklist tools, and advice and guidance on the implementation of new enforced statutory regulations and related requirements.

2. REMOTE SURVEYS

Subject to the adopted policies and requirements of each delegating flag state, we provide digital surveying capabilities such as remote survey and audit solutions in situations where on-board access is not possible to ensure our clients' and fleet's operational continuity.

Survey process deployed include electronic documentation or live streaming which can reflect ship structure, equipment condition or inspection process. In general, survey process information is transferred by digital and internet technologies and provides survey on judgment basis for the surveyor carrying out remote survey. Electronic survey documentation may include survey photos, videos, document and information as well as statements of shipmaster or the chief engineer, etc.

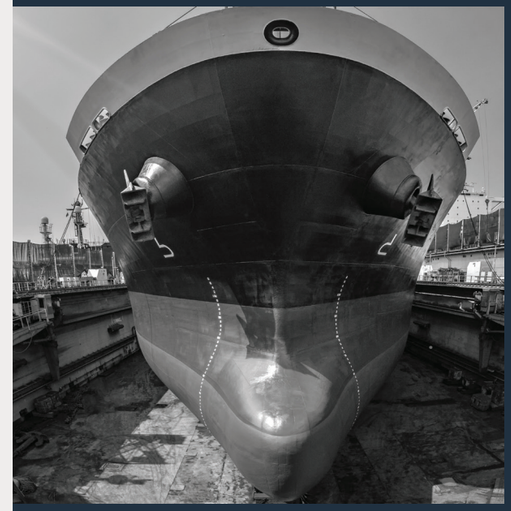
Remote survey/audit service is a "digital classification product" and permits for the examination of the vessels saving the traveling time and cost as well as enhance flexibility and efficiency of survey.

3. INSB CLASS | RO STATUS

Barbados
Belarus
Belize
Cape Verde
Commonwealth of Dominica
Cook Islands
Costa Rica
Equatorial Guinea
Gabon
Greece (National Legislation)
Guinea – Bissau
Honduras
Jamaica
Jordan
Kenya
Lebanon
Libya
Madagascar
Marshall Islands (Yachts only)
Mongolia
Nigeria
Niue
Palau
Panama
Philippines
Republic of Congo
Republic of Guinea
San Marino (Yachts only)
Sierra Leone
St. Kitts & Nevis
St. Vincent & the Grenadines
Sudan
Syria
Tanzania
The Kingdom of Cambodia
Togo
Union of Comoros
Vanuatu

USCG APPROVAL

Since 2006, INSB Class remains approved by the United States Coast Guard (USCG) for Classification Society Activities under 46 CFR part 2, subpart 2.45) , in reflection of our commitment to achieve ever-higher standards. INSB classed vessels freely operate in the United States waters, on the same basis with IACS classed fleet.



4. CONVERSION PROJECTS

INSB Class has developed the necessary expertise and normative context to support ship conversion or modification projects for post-project classification and statutory compliance certification, based on its corporate maritime heritage and technical experience.

Ship classification under conversion incorporates amongst other the following steps:

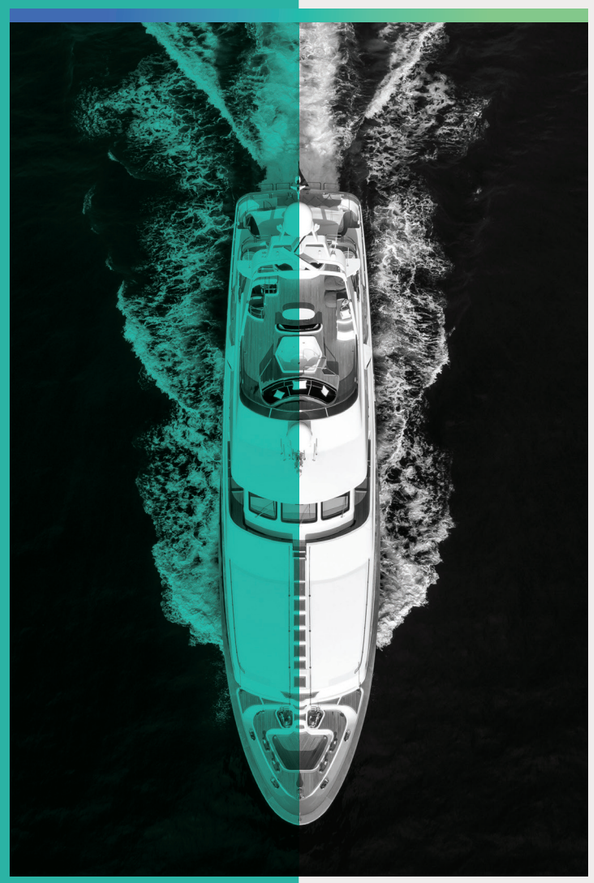
- *review and approval of the ship conversion project documentation*
- *attendance supervision on site of the conversion*
- *witnessing of sea trials and associated tests*
- *performance of post conversion classification and statutory surveys and certification*

Ship Conversions or alternations are to be performed under the supervision of INSB Class surveyors and in accordance with the society's Rules and any applicable additional Flag State requirements or technical guidelines appropriate to the project.

INSB Class demonstrates agility, a high level of commitment and responsiveness in each project undertaken, in addition to its collective technological skills and qualities.

SERVICES

OTHER DOMAINS



YACHTING

INSB Class provides yacht inspection and certification services to verify applicable safety and classification certification for private and commercial yachts.

As a delegated Recognised Organisation, INSB Class is authorised by leading flag administrations involved in yacht registration to deliver on their behalf classification, statutory survey, assessment and certification activities, under relevant IMO instruments and Flag State Yacht Code requirements.

INSB Class also offers a comprehensive advisory service to builders, designers and owners of yachts under construction. Such service also extends to cover yacht conversion projects to satisfy specific design requirements.

The growing number of active certified yachts on the INSB Class register reflects our growing yachting pedigree, as well as our increasing market acceptability and skills in the specialized yacht domain.

Our yacht survey and certification program for small, large and super yachts, is supported by a growing service network of yacht experts with high responsiveness and cost leadership.

Our business relations with our clients and trustees are bonds built on trust, loyalty and reliability- consistently and over time.

OFFSHORE

We support the international offshore service supply chains by offering classification and technical solutions for MODUs, FPSOs and FSUs, Accommodation Platforms and other floating installations and mobile offshore units.

Our expanding specialized services are designed to help our client base address their offshore compliance with regulations, reduce risk, increase asset lifecycles and ensure operational safety.

Apart from the classification survey, INSB Class performs the applicable statutory surveys with the aim to verify unit's compliance with the applicable statutory Instruments including the IMO Code for the Construction and Equipment of Mobile Offshore Drilling Units, (MODU code), MARPOL, ITC69 as well as pertinent Flag State national requirements.

GREEK DOMESTIC

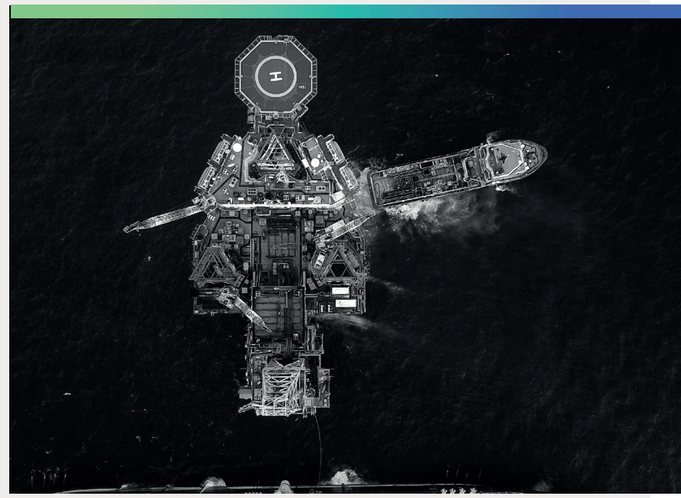
The Greek Ministry of Maritime Affairs and Insular Policy has delegated authority to INSB Class to conduct a wide variety of survey and certification services on vessels and units flying the Greek flag and subject to Hellenic National legislation.

Assessing different types of vessels, either new buildings or in service, to ensure compliance with the applicable Greek national legislation defines the INSB Class's domestic activities for the issuance, endorsement, and monitoring of the applicable vessels' certification.

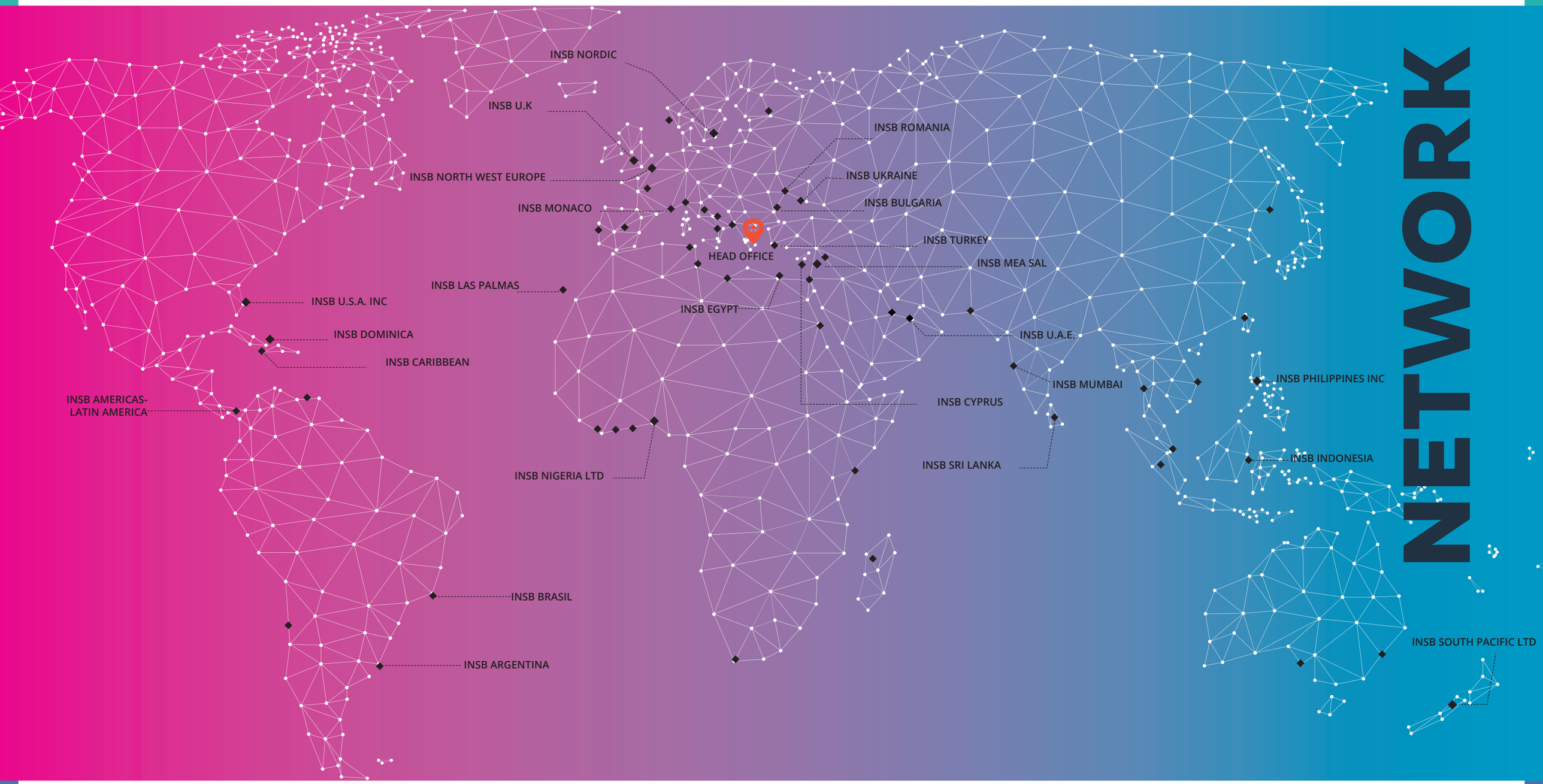
We hold a strong understanding of the demanding national regulatory context relevant to the survey and certification of domestic vessels under the Greek flag.

Our specialised division comprised of trained and experienced marine professionals who are supported by a nationwide network of exclusive surveyors, ensures timely and dependable technical services in all Greek domestic ports and regions.









With Greek roots dating back to 1977, we are an international organisation that performs globally.

SUPPORTING SHIPS ON THEIR MISION

Our technical specialists, who are closely stationed in major ports and markets, are conversant with the service expectations from a trusted partner as you navigate a complex and diverse maritime environment.

The growing network of our survey stations and regional offices enables us to provide timely and dependable marine solutions to our multicultural clients around the world, while also maintaining compliance with classification survey and certification requirements.

The dedicated collectiveness, talents, and values of our surveyors and technical specialists fuel our commitment to safety and operational reliability on a daily basis.

BUILDING TRUST

SHAPING SAFETY

About INSB Class

INSB Class has been supporting ship operators with ship classification and IMO regulation compliance for almost 5 decades by providing quality, objective and impartial technical services.

We continue to build trust in shipping, yachting, and offshore and evolve trusted relationships with maritime stakeholders by aligning the values, expertise, and competencies of the INSB Class people with our corporate mission and our strong maritime culture for safety and performance.

Discover more: insb.gr

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