

[www.insb.gr](http://www.insb.gr)

# International Naval Surveys Bureau

Greek Ship Classification Society

## Building trust. **Shaping Safety**

Newbuilding supervision | Ship Classification

Statutory Surveys & Certification

Engineering appraisals

ISM/ISPS Codes & MLC, 2006



## INSB Class



## mission

Safety for life and property at sea, quality, sustainability and immense responsibility for environmental protection compose the foundation of our corporate mission.

INSB's loyalty to operational safety is eminent as we work to identify & manage potential risks to achieve improved ship safety and compliance throughout vessels demanding lifecycle.

We are conscious for operationally sound vessels that perform best in an uninterrupted manner.

Thus, we strive for vessels continued technical integrity and fleet optimization by means of regular ship survey program and technical assessments.

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# About INSB

**International Naval Surveys Bureau S.A (or simply known as INSB Class ) is a Greek ship classification society, headquartered in Piraeus, Greece, with almost four decades of continued presence in the international marine industry.**

**A**s an independent technical supervisory organization, INSB Class conducts safety surveys for ships classification, statutory and management systems certification together with the applicable verification appraisals & engineering approvals.

INSB Class surveying and certification services rendered via an extended international network of exclusive offices and surveyors, are to ensure that irrespective to fleet configuration, applicable safety standards are met and maintained in line with internationally recognized safety standards and general EU criteria.

## INSB@a glance

Type	Independent third party
Founded	1977
Genre	Ship Classification Society ( Greek Organization)

Industry	Marine -Naval Architecture
Area served	Worldwide
Key fleet	General cargo, Bulk carriers, Tankers, Containers, Multipurpose, Yachts, RO ROs, etc.



INSB experts and staff have shared values for uncompromising quality, sustainable growth and factual result orientation.



## Our approach

**As a reputable organization INSB Class Society is dedicated to conducting all of its operations in a safe, responsible, impartial and ethical way, thus being regarded as a highly reliable, competent and trustworthy provider within the maritime industry.**

**T**he professional practices and activities of INSB Class:

- are delivered in good faith, honesty and fairness;
- apply our adopted corporate policies and procedures;
- are based on defined standards and internationally accepted criteria;
- are rendered from a transparent, objective and independent stand point.

INSB Class business deliverables and technical services satisfy internationally recognized safety and quality standards, IMO Conventions, Flag States national requirements and general EU criteria.

Evidence of how the applied INSB Class services aim to achieve and retain ship's technical integrity and fleet optimization.



# What we do

**INSB Class services offered are to ensure that irrespective to your fleet configuration or trading pattern, applicable safety, operational & environmental standards are met and maintained.**



## Ship Classification

INSB ship classification related services include new building supervision on site, survey of fleet in service, as well as applicable plans and studies approval.

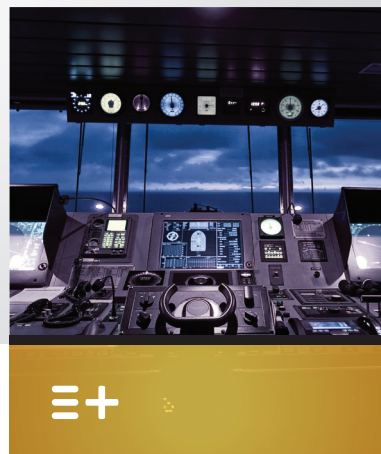
INSB classification scheme and ship care system is to ensure that your vessels continue to maintain compliance with international safety regulations and meet challenging certification demands, worldwide.



## Governmental Services

INSB Class has been delegated by an extended number of Flag Administrations to act on their behalf for the conduct of statutory surveys and certification.

INSB surveying and certification activities are directly relevant to the major international conventions and codes, as well as with national requirements pertaining to ship safety and for the prevention of marine pollution.



## Management Systems

INSB services aim to identify and manage potential risks to achieve safety and regulatory compliancy through out vessels operating lifecycle.

Our systems certification portfolio includes assessment and verification services across a wide range of management systems as per the ISM and ISPS Codes as well as under the MLC, 2006 requirements.



# Survey & Beyond

**INSB Class belongs to the leading Non IACS ship classification societies and is well regarded as a highly competent and trustworthy provider within the maritime industry.**



**INSB** society has developed its own set of Rules & Regulations, relevant to ships design, construction and operational maintenance, in line with IACS unified requirements.

Design and Construction requirements, the scope of tests and surveys are defined by the Rules for Ship Classification and Construction. INSB Class confirms a ship's compliance with these requirements by issuing a Certificate of Ship's Classification and by entering into the society's Register of Ships.

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 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.

Services rendered by INSB Class include:

- Ship classification scheme including periodic surveys for maintenance of class.
- Surveys & supervision on site for ships during construction.
- Engineering studies , plan approval & technical review & calculations services
- Statutory surveys & certification.
- ISM & ISPS systems assessment & certification.
- MLC 2006 assessments and verifications.
- Technical interpretation and consultancy services.
- Surveys of Damage , Modification or repairs.





Everyone has a past.  
ours is almost 4 decades of growing  
marine knowledge and technical  
experience.



**Making the right choice**

**INSB Class admission can be customised to fleet configuration and operational requirements via five year survey programs.**



# Class Entry

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

In order to commence the class admission process and to determine the applicable entry surveys requirements, the following information and documentation of the vessel should be transmitted to INSB Class:

- Vessel's Existing Classification Certificate and its Annexes
- Latest survey status report including memoranda, conditions of class or posed recommendations, if any
- The list of continuous machinery survey items (when applicable)
- Copies of standing Statutory certificates

- Main class plans, manuals and booklets, as deemed necessary by INSB Class for vessel's type, class notation and type of service
- Copy of vessel's Flag Registry Certificate
- Copies of exemption certificates, if any

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 losing society.

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



# New Buildings

INSB Class has supervised the construction of an expanding number of vessels of various 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**



**Witnessing of functional tests, including dock and sea trials**



**Design approval, survey, certification of materials and equipment**



**initial Class survey for the issue of ship's H/M & Equipment certificate**



**Supervision of the vessel's construction on site**



**initial Statutory surveys for compliance certification on behalf of intended Flag State**







INSB Class performs drawings reviews, approvals and engineering studies, necessitated for accepting and maintaining vessels in its classed register



Surveys of maintenance of Class



Assignment of class, classification characters and notations





# Classification Features

## ❶ Ship related appraisals

- Review and approval of Ship's constructional plans
- Design & strength assessments
- Load Line calculation & Freeboard Assignment
- Tonnage measurement and certification
- Stability and loading manuals
- Intact and damage stability analysis
- Appraisal of grain loading & stability calculations
- Assignment of load limits for cargo handling appliances
- Carriage of noxious substances in bulk

## ❷ Class notations

Assignment of class, classification characters and notations, which denote the degree of confidence that the ship deserves, are assigned following the satisfactory completion of surveys carried out by the society's surveyors and the completion of verification of compliance with the INSB rules.

## ❸ Classification Characters

The Classification is determined by a symbol consisting of figures and letters representing the characteristics of the Class. Ship Classification Marks and Notations under INSB Rules are denoted in the Certificate of Class, in the Register Book and in other documents issued by INSB.

## ❹ Sequence of Symbols & Notations

Construction Marks

Classification Symbols

- Hull Symbol
- Machinery Installation Symbol
- Division Symbol
- Rating Symbol
- Equipment Symbol

Service notation

Navigation Notation

## ❺ Machinery installations

which comply with the Rules of the Society for automated and/or remote controlled systems, will have additional Class notations affixed to the Classification character.



**Trusted & Recognised**  
**Discover the INSB Imprint**



Conformance with statutory related requirements

## Our Recognitions

**INSB Class has been delegated by an extended number of Flag Administrations to act on their behalf for the conduct of statutory surveys and certification in accordance with the IMO international conventions and codes, as well as with national requirements pertaining to ship safety and for the prevention of marine pollution.**

**A**s an authorised Recognised Organisation, INSB performs surveying and certification activities directly relevant to the major international conventions and codes including:

Load Lines	AFS
SOLAS	BWM
MARPOL & Annexes	MLC 2006
TONNAGE	HSC Code
ISM Code	IMDG Code
ISPS Code	

Through the performance of regular Periodic Statutory Surveys & audits INSB Class verifies ships Statutory certification compliance.

### **Energy Efficiency Assessment & Approval Services (EEDI)**

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

- Energy Efficiency Design Index (EEDI)
- Energy Efficiency Operational Indicator (EEOI)
- Ship Energy Efficiency Management Plan (SEEMP)



# Authorizations

**INSB Class has been delegated for the performance of statutory functions, such as ship surveys, approvals and certification services by the Governments of the Countries listed below:**



Greece



St. Vincent & the Grenadines



Panama



Belize



Cook Islands



Com. of Dominica



Nigeria



Union of Comoros



Honduras



Cambodia



Jamaica



Moldova



Lebanon



Syria



Togo



Belarus



Equatorial Guinea



Cape Verde



Sudan



Republic of Guinea



Madagascar



Kenya



Kingdom of Jordan



Palau



Mongolia



Philippines



Costa Rica

## 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.





# Management Systems

**INSB Class performs ISM & ISPS audits on behalf of an extended number of delegating flag state administrations via independent assessment and certification.**



## ISM Code

**T**he International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM Code) requires a management system designed to encourage safety and pollution prevention.

The Code requires that safeguards be established against the safety and pollution risks involved in shipboard operations. Responsibility for this is placed firmly on the companies charged with the ships management.

The company shall establish a SMS containing the company's policy, manual and procedures which ensure compliance with mandatory rules and regulations; and that applicable codes, guidelines and standards recommended by the IMO, Flag States, Classification Societies and maritime industries are taken into account and implemented onboard and ashore.



## ISPS Code

**T**he company shall establish a Ship Security Management System containing a Ship Security Assessment and Ship Security Plan to identify and take preventive measures against security incidents and implement them onboard and ashore.

As a Recognised Security Organisation for the major flag administrations, we can carry out security plan approvals and verification audits, leading to the issue of an ISSC for your ship.

Like safety, maritime security is of paramount importance to the operation of a vessel.



**INSB Class performs reviews & onboard inspections to verify compliance with the MLC,2006 requirements for the issue of the Maritime Labour Certificate.**



## MLC, 2006

The “Maritime Labour Convention, 2006” (MLC 2006) of the International Labour Organization (ILO) will governs the working and living conditions on-board a ship for more than 1.4 million seafarers worldwide. It defines requirements concerning occupational health and safety, fair employment contract conditions, adequate accommodations as well as access to medical care, health care and social security.

Inspection and certification under the Convention are applicable to ships of 500 GT or more engaged in international voyages. The requirements of the Convention apply to all seafarers who are employed or engaged or who work in any capacity onboard the above ships.

MLC inspection in addition to ISM and ISPS audits, can be conducted at the same time to simplify the certification process.

## Our Auditors

Professional and experienced auditors are available in all major ports worldwide.

The experience and training that our Auditors bring to the audit process, ensure not only statutory compliance but enables them to work with you in the development of a mature and effective management system.



**We focus on safety and practical compliance to ensure a competent, smooth certification process.**

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INSB 71.1



## Quality seal

**INSB Class quality assurance system is the foundation for our growth and business success.**

It is built from guiding principles and underpinned by a set of quality procedures and normative documents that enable the society to act responsibly and consistently, whilst supporting continuous improvement for our customers and for the wider stakeholders of the marine industry.

The INSB corporate Quality & Environmental Policy encourages us to perform our services with consistent precision, working efficiency, with greater ability to know, and quickly respond to our customers' changing needs.

INSB Class activities are governed under its corporate certified Quality Management System under the EN ISO 9001 and accredited under the EN ISO 17020 international Standards.

INSB implements a fact-based approach for measurement of performance and quality improvement for its deliverables throughout its supply chain.

The effectiveness of the INSB corporate Quality Management System is certified and verified via a comprehensive external auditing process, including audits by:



Independent Third Party Certification Bodies.



Delegating Flag States having authorised the INSB Class.



The Hellenic Accreditation Body (E.SY.D).



# Areas of interest



## Port State Control

To ensure long term sustainability INSB Class remains focused towards its continuous Port State Control performance improvement in the various PSC MOUs.

This upholds our factual demonstration for the sustained quality of INSB classed fleet as recorded in the published PSC Annual performance listings.

It also reflects the hard work invested by both the society and its field surveyors in ensuring that ships continue to maintain normative compliance.



## Research initiatives

INSB Class actualizes its RnD initiatives for practical methodologies to foster innovation and safety by participation to joint initiatives with public and private organizations.

Between 2013-2016, INSB Class engaged in a EU research project, funded under the FP7 framework, with the title "Use-it-Wisely (UiW)".

INSB Class envisages its participation to additional research projects which are currently into their planning phases.



## IMO activities

Within the context of the international activities conducted by the Society, INSB Class participates to a number of working groups and meetings yearly by engaging its expert representatives into the Greek delegation at the International Maritime Organisation (IMO).



Many Flag States apply Safety Codes of Practice to set required standards of safety and pollution prevention, subject to the size & type of the yachts.

Comfort & Safety combined



# Yachting



**Managing Yachts safety and compliance requirements, requires a knowledgeable partner with capabilities to the highest standards of survey and inspection.**

INSB Class offers inspection and certification services for yachts (private and/or engaged in trade) as required to verify applicable safety and classification certification.

INSB Class also offers a comprehensive advisory service to builders, designers and owners of yachts under construction.

Such service also extends to cover extensive vessel conversion projects to meet desired design needs.

The expanded number of active certified yachts on the INSB register pin-point our developed dexterities and skills for the specialised yacht segment.



## 🕒 Private

Pleasure yachts and small craft not engaged in trade, are usually subjected to an initial, an Intermediate and a renewal survey.

Pleasure yachts irrespective of their size are subject to MARPOL Convention requirements.

INSB will issue the appropriate certification following the successful initial or renewal survey.

## 🚩 Commercial

Inspection and certification scheme for Yachts over 24 meters & engaged in trade embraces surveys associated with the issue of the Load Line certificate, Safety Construction and MARPOL certificates, as applicable.

Safety Codes of Practice as enforced by each delegating Flag Administration are checked and verified for compliance during inspections.

INSB will issue the appropriate certification following the successful initial or renewal survey.



# Locations

**Headquartered in Piraeus, Greece and backed by an expanding number of regional offices and field survey stations in all major ports worldwide, contact with us is really 24|7|365.**

**O**ur people have an understanding of your service expectations, your region's conditions and prevailing regulations you anticipate from a reliable maritime partner.

We are positioned to closely monitor developments in the industry and the local markets by expanding our local presence and service points.

Building on INSB's marine competence, experience and international presence, we help add value to your business almost anywhere in the world.

From the early stages of new building to the systematic survey and certification, we have the know-how and resources that makes sense to your company and your vessels.

Our committed professionals provide decisive support and assistance from the critical design phase, during construction and throughout the entire service life of your fleet.

## main offices

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### ADDITIONAL INSB SERVICE LOCATIONS

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Singapore | South Africa | Spain | Sudan | Syria | Taiwan | Togo | Tunisia | UAE | Venezuela



# together we do more



INSB Class

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Monaco | Montenegro | Morocco | Norway | Pakistan | Portugal | Romania | Russia | Saudi Arabia | Senegal | Slovenia





Features do not make  
people happy.  
Benefits do.



# Fuel your competitive advantage



## Why work with INSB Class

- ⬆ We carry 4 decades of developed dynamics and potentials.
- ➡ Maintain structural & mechanical efficiency.
- ⬆ International acceptability & recognition.
- ➡ Conformance with Statutory related requirements.
- ⬆ Reduced response times while ensuring optimum and reliable performance of our services.
- ➡ Ensuring quality growth for the classed fleet.
- ⬆ Offering specialized competencies.
- ➡ Speeding up our key operational procedures to achieve further efficiency.
- ⬆ Strengthening the INSB technical presence in growing markets.
- ➡ Continuously improve INSB performance in Port state control ensuring quality recognition of the classed fleet.
- ⬆ Compliance with Underwriters criteria and insurance policies.
- ➡ Updated enforcement of Safety Regulations & Codes.

We have the Greek Maritime Tradition  
We are a Greek Society  
We are INSB Class



**Start at**  
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**INSB Class**