

**Dakar
Consultancy
Services**



CONFIDENCE CLASSSED VOYAGES



www.dakarclass.com



COMPANY OVERVIEW

Dakar Consultancy Services: Navigating the Regulatory Seas

Staying afloat in today's dynamic regulatory landscape is a constant challenge. The maritime industry faces a barrage of evolving regulations, from cybersecurity mandates to decarbonization targets. Compliance becomes increasingly complex, demanding expertise and agility.

At Dakar Consultancy Services, we're your trusted compliance compass. Our deep understanding of maritime regulations equips us to guide you through the intricacies of compliance. Whether it's ensuring cybersecurity resilience, installing ballast water treatment systems, or achieving decarbonization goals, we offer tailored solutions that keep you ahead of the curve.

Our technical prowess extends beyond regulations. With expertise in marine technology and associated disciplines, we're well-positioned to engineer new assets or modify existing ones to meet the latest requirements.

Dakar Class: Your Partner in Maritime Compliance

Dakar Class goes beyond mere certification, acting as an extension of flag state administrations. We leverage our independence and expertise to ensure vessels under their flags meet all regulatory requirements, contributing to their maritime safety and environmental stewardship.

We are dedicated to empowering the maritime industry by providing exceptional quality in progressive and precise professional, technical, and operational solutions. Recognized for our expertise and professionalism, we are a trusted partner for clients across diverse sectors:

- ⚓ Classification Services
- ⚓ Legal Services
- ⚓ Compliance Solutions
- ⚓ Emergency Technical Assistance Service
- ⚓ Cyber Security
- ⚓ Third party approvals

CLASSIFICATION SERVICES

What We Do:

- ⚓ Create and verify technical standards for ship safety throughout a vessel's lifecycle.
- ⚓ Offer globally recognized certificates for regulatory compliance.
- ⚓ Provide continuous monitoring across design, construction, operation, & decommissioning.

Our Services:

Plan Approval: Review and approve ship designs for new builds or modifications.

Construction Surveys: Inspect construction processes for adherence to plans and regulations.

Classification Surveys: Conduct periodic inspections to ensure ongoing safety and seaworthiness.

Certification: Issue certificates verifying compliance with relevant standards.

Condition Assessment Programs: Evaluate the structural condition of older ships.

Risk Assessment & Management: Identify and mitigate safety and environmental risks.





LEGAL SERVICES

Ship Registration & Crew Documentation Services

Ships require numerous flag state certificates demonstrating compliance with international safety and environmental regulations. Dakar Class is authorized to handle these tasks. Our global network simplifies surveyor access, ensuring a smooth compliance journey for your vessel.



Dakar Class acts as an authorized entity for these flag states rendering swift solutions for Ship Registrations / Seafarers Documentation:

COMPLIANCE SOLUTIONS

Optimizing Maritime Operations: Essential Compliance Solutions

The maritime industry thrives on a foundation of safety, environmental responsibility, and adherence to regulations. To achieve these goals, ship owners and operators leverage a range of compliance solutions. These solutions encompass a suite of tools, systems, and best practices that ensure vessels meet the rigorous standards set by international conventions, flag states, and industry bodies.

- ⚓ Safety Management Systems (SMS)
- ⚓ Environmental Management Systems (EMS)
- ⚓ Cybersecurity Solutions
- ⚓ Emission Monitoring and Reporting
- ⚓ Ballast Water Management Systems (BWMS)

Emergency Technical Assistance Service - ETAS

⚓ Realtime Damage Stability & Residual Longitudinal Strength

Using exclusive software incorporating each individual ships Data, Dakar Class team can swiftly calculate stability at Damage condition and residual longitudinal strength.

- ⚓ Available at any time 24 hours a day and 365 days a year



Cyber Security

Cyberattacks on marine and offshore systems are raising concerns. Regulators and industry leaders are demanding that owners actively manage cybersecurity risks to protect their assets

The Dakar Class Cyber Safety method empowers stakeholders – asset owners, operators, shipyards, equipment suppliers, and integrators – with a clear and straightforward approach to understanding, measuring, and mitigating cyber risks associated with connected equipment.



Navigating Regulatory Complexity: Third-Party Approvals

Dakar Class Third-Party Approval Services :

Our comprehensive TPA services encompass a wide range of areas, including:

- ⚓ **Flag State Approvals:** Our team facilitates the approval process with your vessel's flag state administration, ensuring compliance with relevant national regulations.
- ⚓ **Regulatory Approvals:** We navigate the complexities of obtaining approvals from various regulatory bodies, such as those governing environmental protection, cargo handling, and safety equipment.
- ⚓ **Material Approvals:** Gain independent verification that materials used in ship-building or repairs meet classification society and regulatory requirements.
- ⚓ **Equipment Approvals:** Ensure your onboard equipment, from life-saving appliances to navigation systems, complies with the latest safety standards and receives the necessary approvals for operation.



DAKAR CONSULTANCY SERVICES

The maritime regulatory landscape is a dynamic one. Our team's deep expertise ensures your fleet and organization stay compliant, even as requirements evolve.

From Cargo inspection to third party approvals, we offer tailored solutions that address your specific needs. We also leverage our engineering knowledge to assist with new asset development or retrofitting existing ones to meet changing regulations.



Cargo Inspection



Engineering Solutions



Material Inspections



Marine Warranty Surveys



Third Party Inspections



Condition Assessment Surveys



Third Party Approvals



CARGO INSPECTION

Going beyond inspections, Dakar Class expands its reach in the maritime sector to build lasting client relationships. We offer comprehensive services including:

Quantity and quality assessments: Ensure accuracy and reliability for bulk cargoes, general merchandise, and more. Inland and port inspections: Get seamless oversight at every stage, from loading ports to final destinations. Draught surveys and scale weighing: Guarantee precise measurements for smooth cargo operations. General cargo supervision: Trust our experienced surveyors to manage your cargo with expertise.





ENGINEERING SOLUTIONS

Streamline your operations, optimize performance, and achieve your maritime goals with Dakar Class. Our consulting team, armed with deep expertise and advanced technology, delivers solutions that meet every challenge and exceed your expectations.

- ⚓ Vessel Basic design and Detailed design
- ⚓ Structural design and modification of Ships and Offshore structures
- ⚓ Inclining experiment, preparation of Trim and Stability Booklet, Damage stability
- ⚓ Lightship/Deadweight Survey
- ⚓ Stability analysis of Offshore Structure (Intact and Damage) as per MODU rules
- ⚓ Hydrodynamic Analysis of ships and Offshore structures
- ⚓ Finite element analysis of Critical Areas of ships and offshore structure
- ⚓ Preparation of manuals (SSP, ISO, SOPEP, ISPS, SEEMP, Cargo securing & Garbage management plan
- ⚓ Tonnage and Freeboard calculation
- ⚓ Longitudinal Strength calculation & Re-scantling Analysis

MATERIAL INSPECTIONS

Safeguarding Your Project with Material Inspections

- ⚓ Material Certification Review: Verification of compliance with industry standards and project specifications.
- ⚓ Chemical and Mechanical Testing: Utilizing advanced testing equipment to assess material properties like strength, corrosion resistance, and weldability.
- ⚓ Non-Destructive Testing (NDT): Employing techniques like ultrasonic testing and radiography to identify internal flaws or defects in materials.
- ⚓ Traceability Documentation Review: Ensuring proper material identification and documentation throughout the supply chain.



MARINE WARRANTY SURVEYS

Protecting Your Assets and Project Success

Marine projects often involve the movement and installation of large, complex structures in dynamic environments. Unforeseen challenges can arise, leading to costly delays, equipment damage, and even safety incidents. Dakar Class' Marine Warranty Surveys (MWS) provide a comprehensive risk management solution, ensuring the safe, efficient, and cost-effective execution of your project.

Expert Oversight, Minimized Risk:

Our team of highly experienced Naval Architects, Master Mariners, and Marine Engineers brings a wealth of industry knowledge to your project. Through MWS, we offer:

- ⚓ **Pre-Project Risk Assessment:** We meticulously analyze project plans, identifying potential hazards associated with loadout, transportation, and installation. This proactive approach allows for the development of mitigation strategies, minimizing the likelihood of disruptions.
- ⚓ **On-Site Operational Monitoring:** Dakar Class surveyors are deployed to critical stages of your project, providing real-time oversight and ensuring adherence to established procedures and safety protocols. They act as your eyes and ears, promptly identifying and addressing any deviations from the plan.
- ⚓ **Technical Expertise and Guidance:** Our surveyors possess in-depth knowledge of marine operations, lifting procedures, and weather conditions. They offer expert guidance to your team, ensuring optimal decision-making throughout the project.
- ⚓ **Contingency Planning and Support:** We work collaboratively with your team to develop robust contingency plans to address unexpected situations. This proactive approach ensures a rapid and effective response to any challenges that may arise.
- ⚓ **Detailed Documentation and Reporting:** Upon completion, we provide a comprehensive report detailing the entire operation, including encountered challenges and implemented solutions. This valuable documentation serves as a reference for future projects.





Independent Assurance: Third-Party Inspections

Dakar Class Third-Party Inspection Services:

Our comprehensive TPI services encompass a wide range of areas, including:

- ⚓ Pre-Purchase Inspections: Gain valuable insights into the condition of a vessel you are considering acquiring, allowing you to make informed investment decisions.
- ⚓ In-Service Inspections: Regular TPIs ensure your existing vessels continue to meet regulatory requirements and maintain optimal operational safety.
- ⚓ Flag State Inspections: We assist with inspections mandated by your vessel's flag state, ensuring a smooth and efficient process.
- ⚓ Cargo Worthiness Inspections: Verify the suitability and secure stowage of cargo for safe transportation.
- ⚓ Loading and Discharge Oversight: Our inspectors monitor loading and discharge operations to ensure adherence to best practices and safety protocols.



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