



ELIGROUP[®]
naval service network

NAVAL
DIVISION



by your side **at Sea**

WHAT WE DO

ELIGROUP® core business is maintenance and installation of electric and Electronic systems for maritime industry

WHO WE ARE

ELIGROUP® is a leading Company in maritime maintenance, security and safety as well as integrated systems since 1990. ELIGROUP® has been serving the marine industry as an innovative, reliable and high quality system integrator, distributor, installer and after-sales service agent of marine equipment, technologies and solutions.

EXPERIENCE

Our solutions have been installed on a lot of commercial and passenger vessels Worldwide. The electrical department is one of our many strengths. The department consists of highly skilled marine electrical technicians, with years of field and shop experience. Over the years, our electrical teams have acquired an excellent reputation with vessel managers for carrying out high quality work, Class approved and completed on time within the proposed budgets.

MISSION



Operational excellence and innovation is at the core of everything we do.

We have a clearly defined strategy that is an integral part of our business and focusses on four main areas:



Staff development



Systematic access to new markets



Study of new business models



Development of international opportunities

These four points are united by the development of our organisation, capabilities and skills and a strong commitment to the development of our Group.

We see the shipping industry becoming globalised and, consequently, the need to provide innovative solutions.

Technological solutions are becoming increasingly complex and require specialised knowledge in the areas of design, installation and maintenance.

This will create a new market: shipbuilders and owners seek partnerships with expert companies to ensure functional on-board technology, from the initial construction phase to the end of a ship's operating cycle.

BUSINESS STRATEGY



Whatever Your vessel type is, our total system will support Your vessel perfectly.

We provide you with one package solution which should satisfy your needs without trouble at any time and in any situation.

- One package based total solution system.
- Differentiated products developed with our experience in maritime industry .
- Product development by advanced technologies and reflecting customers' need.

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PRODUCTS



1 GENERATOR AND SWITCHBOARD MAINTENANCE

2 NIGHT VISION SYSTEM

3 FIRE DETECTION SYSTEM

4 ANTIFOULING SYSTEM

5 MONITORING ALARM CONTROL SYSTEM

6 BOW THRUSTER MAINTENANCE

7 INTERNAL COMMUNICATIONS

8 NAVIGATION EQUIPMENT

9 LIGHTING SOLUTION

10 SATELLITE COMMUNICATIONS



SHIP MAINTENANCE

The work is performed by our specialists on ships that are docked or in operation at any port. The Naples headquarters has an electromechanical workshop and an electronic laboratory where the following processes are performed:

- Maintenance and rewinding of electric motors / generators
- Maintenance and reconditioning of breakers
- Maintenance and assembling construction of starters / switchboards / distribution boards
- Precision machining / turbine reconditioning / construction of components on CNC machines
- Installation, maintenance and repair of navigation equipment and satellite TV antennas



SERVICES



INTERNAL COMMUNICATIONS

Currently, the evolution of the system that has been tested and installed on more than 200 vessels has led to the R.I.NA. approved I.C.S. system. Extensive expertise regarding on-board Infrastructure applied to audio broadcasting has led to the creation of high quality passenger announcement systems.

Our systems ensure full-duplex communications between all active stations, implementing advanced noise suppression systems (DSP Echo canceller) that allow announcements and calls of certified quality to be made. All our system architectures provide backward compatible interfaces to dated standards that continue to be requested, resulting in full adaptability to existing systems undergoing revamping.



SERVICES

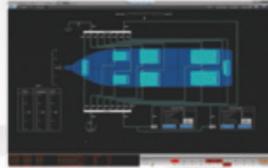
Alarms

Monitoring

Control

Reports

Trends



MONITORING ALARM & CONTROL SYSTEM

We represent top-of-the-line manufacturers of automation and control systems. Our in-house team is fully competent and are factory trained, who offer total automation solutions in-line with customer requirements and within budget.

We provide a wide range of automation solutions for different marine industry verticals.

Our core expertise lies in providing turnkey solutions for both newbuilds and retrofits including after-sales support.





FINS STABILIZATION

In 1994 we have designed a digital stabilizing control capable of replacing any old and obsolete stabilization plant not repairable because the spare parts are no longer available .

ELIGROUP® offers to its customers an expert staff to assist Dry Docks charged with mechanical repairs to the fins and also electronic and hydraulic technicians able to perform complete services/revisions to stabilizing fins plants of every age and type. We extends products package from software to digital controls and hydraulic parts, including seals, and we are capable to re-establish every stabilizing fins plant.

We offer:

- Senior Service for technical assistance to the Yard for the demounting and assembling of stabilizing fins in Dry Dock.
- Electronic Engineers specialized in digital technological tests and software for the control of stabilizing fins.
- Complete renewal of the Hydraulic Unit of stabilizing fins with intelligent pumps digitally controlled. High Skilled Staff for solving any problem on hydraulic stabilizing plants.
- Service engineers for stabilizing fins onboard Technical Experts of stabilizing fins ready to offer the best technical and economical solutions to the Ship-owners.
- Refitting of hydraulic plant with modern stroke controls and specialized Work Shop for repair of mechanical and hydraulic stabilizing fins.



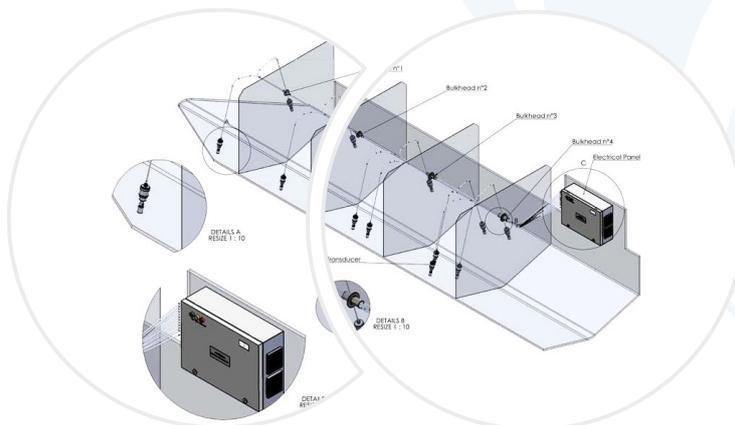


ENERGY SAVING SOLUTION

Green Ship is the internal division to ELIGROUP® dedicated to the shipping world in order to explore, develop and implement technical solutions for vessels that are cleaner, more efficient and sustainable. This is possible thanks to working groups and synergies involving other partners, work on existing regulations and those that will come into force, discussions with Classification Societies and introducing new technologies that derive and have been widely tested in industry to the shipping sector. As an integral part of this initiative, we develop technical solutions in order to promote green innovation and thinking in the maritime industry and do so with an eye on the commercial viability related to the sector.

The main area that interests Green Ship is the design of machinery and systems.

Our hull protection system ensures the cleaning and on-going maintenance of the hydrodynamic performance of hulls in a manner that almost totally prevents animal and plant fouling that normally affect bodies immersed in sea water. In essence, this leads to a significant reduction in fuel costs, as well as cost savings at the docks.





BETTER HULL PERFORMANCE

Maintain hull speed through the water during the seasons and enjoy the performance with faster passage times and greater manoeuvrability.



SAVE FUEL

A fouled hull puts the engines under much more load and can use up to 40% more fuel to push it through the water ...a significant factor for ships!



REDUCE LIFT OUTS, MID-SEASON SCRUBS AND HULL RE-PAINTING

With ANFORA system installed on ships helping to maintaining the hull speed and performance, the need to lift out and scrub the hull where it has become fouled when using only an antifouling paint, is dramatically reduced. Lifting out and having a hull scrub mid-season unnecessarily removes much of your good antifouling paint, so the hull is less protected for the future!



COST EFFECTIVE

ANFORA system will soon pay for itself when you take into account fuel savings, reduced lift-outs and hull maintenance and repainting costs.

WORLDWIDE SERVICES



You will be assisted whenever and wherever. We will provide full support for Your convenience when You are in need of assistance.

Ship Repair Group, our global network of naval technical assistance and yacht support, cooperates with qualified companies, staff and services. We have a thorough knowledge of our partners, both equipment manufacturers and companies operating on-board ships, all of which are certified by the major Classification Societies.

Our highly qualified team of international service coordinators and engineers are experts in electronics, communications, navigation equipment and Satcom solutions.

