The maritime world is going through a huge wave of developments at a very rapid pace. Shipyards and ship owners need a reliable partner whose core business is to provide technology, a company with insight for innovation, knowledge and decades of experience who can design, manufacture, integrate, install and maintain high technology and reliable systems, an organization that owns responsibility for the performance of their products, innovation and technology during the entire life cycle.

Marine Electricals since 1978 has over the years been offering precisely that to our clients with its innovative and high quality solutions for vessels and platforms.

Marine Electricals has maintained its profile as a professional partner and supplier to its clients within the marine and shipbuilding industry by constantly updating and improving its systems and products with the help of a competent and experienced team of engineers and technicians who help achieve its mission of providing the superior quality equipment and customer delight through prompt and efficient service.

Marine Electricals can deliver complete tailor made solutions, from system conception to installation, to testing and commissioning in the fields of electrical engineering, automation and instrumentation.

Marine Electricals is active globally in various maritime markets, with experience ranging from passenger vessels, commercial vessels, naval ships, luxury yachts, dredging vessels, work boats, support vessels and offshore production & utility platforms.

Achieving maximum performance from today’s system is not all that is required of a company like Marine Electricals. The task of charting the course for the future demands the ability to anticipate new requirements and possibilities years in advance. To this end Marine Electricals is committed to remaining on the crest of the new wave of technology.
The strength of Marine Electricals lies in its ability to develop sophisticated tailor-made solutions that fulfill the specific requirements of any naval or marine programme. Marine Electricals has the ability to handle all aspects from project development through complete installation and sea trials.

Marine Electricals has the competence and facilities to provide complete electrical and electronic systems that include valuable start-up assistance involving the drafting of the project definition in which customers specific requirements are studied in order to present alternative based on emerging technologies.

Computer aided design and engineering using the latest hardware and software tools allows the flexibility to arrive at an optimal solution to demanding requirements and complex design problems.

After these critical functions of engineering and design are completed, the task of manufacturing falls to the special craftsmen of the in-house workshop facilities.

All the necessary presses, machining tools and painting facilities for fashioning complex tailor-made equipment within the demanding tolerances required on board naval systems are available. The complete construction of all panels from metal work to finishing and wiring takes place in our state of art workshop.
All Marine Electricals equipment undergo rigorous testing including the testing of each subsystem for functioning before integration, and followed by testing of the entire system when assembled to ensure that system performance meet specifications.

It is this combination of engineering and manufacturing capabilities which allow Marine Electricals to meet a wide variety of customers' naval system requirements by tailoring a system right from conception of project requirements, through designs, manufacture, installation and commissioning.
It is hard to imagine a modern naval vessel without electrical and electronic systems and therefore Marine Electricals which has gained renown in this field.

A wide range of equipment developed and built are currently proving themselves aboard following types of naval vessels:

- Destroyers
- Multipurpose Frigates
- Missile Boats
- Corvettes
- Fast Patrol Vessels
- Offshore Patrol Vessels
- Fast Attack Crafts
- Aircraft Carrier
- Survey Vessels
Rear view of Main Switchboard

Main Switchboard for 700 Men Passenger Vessel
4 x 800 Kw. Generators
and following type of commercial vessels

- Bulk Carriers
- Passenger Vessels
- Container Vessels
- Tankers
- Dredgers
- Oceanographic Vessels
- Floating Cranes
- Offshore Platforms
- Diving Support Vessels
- Luxury Yacht
- Anchor handling tugs
Switchboard for Dynamic Positioning Diving Support Vessel
2 x 900 Kw. Shaft Generators and 4 x 315 Kw. Auxiliary Generators

Switchboard for Reefer Container
3 x 1000 Kw. Diesel Generators
Switchboard for Missile Boats
Marine Electricals offers the following range of naval equipment and systems:

- Main Switchboards
- Emergency Switchboards
- Automated Power Management Systems
- Alarm Monitoring and Control Systems
- Integrated Bridge Systems
- Generator Protection and Control Systems
- Propulsion Control Systems
- Automation Systems
- Weapon Supply Switchboards
- Control Consoles and Desks
- Power and Motor Control Centers
- Starter Panels
- Battery Chargers
- Rectifier Units
- Navigation Light Control Panels
- Engine Order Telegraphs

Bridge Console

Switchboard for Luxury Yacht
4 x 1000 Kw. Generators
RANGE OF PRODUCTS OFFERED

- Main Switchboards
- Emergency Switchboards
- Automated Power Management Systems
- Alarm Monitoring and Control Systems
- Integrated Bridge Systems
- Generator Protection and Control Systems
- Propulsion Control Systems
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- Weapon Supply Switchboards
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- Battery Chargers
- Rectifier Units
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- Engine Order Telegraphs

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