

Marine Electrical

Survey

Commissioning

Specification

Repairs

Design

Refits

Switchgear

New Build

ALICAT MARINE ELECTRICAL

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Alicat Marine Electrical design, manufacture, and install complete electrical systems to the global marine industry.

Our team's wealth of marine experience over many years allows us to review technical requirements with clients in accordance with classification societies such as GL DNV, BV, Lloyds, RINA & ABS





Key points

- Highly skilled & experienced team
- Experienced across all sectors
- Quality materials used
- Latest system technology adopted
- Global coverage
- Fleet of fully equipped vehicles
- Network of marine support services
- Classification society knowledge

Services



Survey

Our engineers travel globally, carrying out marine electrical surveys on a vast range of different vessels. Identifying detailed findings and submitting them along with accompanying technical support integrated into technical specifications. Alternatively, reviewing the envisaged scope of works to assist the provision of a technical tender for a potential forthcoming or live project.



Technical specifications

Co-ordinated technical specifications are written in co-ordination with our own in-house team of naval architects, mechanical engineers, electrical engineers and vessel operators. Whether the requirement is for a new build project or to update an existing specification the customer will be provided with accurate, up to date specifications in accordance to the latest technology, standards and regulations.



Switchgear design & manufacture

Our specialist marine switchgear engineers can produce detailed technical switchboard specifications and drawings, and using the latest materials and technologies, design and manufacture complete bespoke switchgear systems all in-house. With a wealth of experience from across all marine sectors, bespoke systems are designed, manufactured and installed according to the exact requirements of our customers.



Design services

Delivering the best in marine electrical system designs, manufacture and installation, we provide complete electrical solutions from start to finish. Our team understand the ergonomic importance of good design through close working relationships with the people that will ultimately be using the vessel. That is why the utmost priority is given to ensuring the design means the customer can easily control, use and maintain all equipment easily. We work closely with naval architects, mechanical engineers and vessel operators to ensure common sense is applied to our designs. Electrical drawings are produced using the latest AutoCAD software.



New build installations

Using the latest technology, materials and methods, we provide the highest standards of installations available. Servicing all sectors worldwide, we pride ourselves on our installations and the loyalty of our customers is testament to that. With strong design support, all installations and modifications are completed with operations and maintenance in mind. We have the ability to provide the complete full turnkey electrical solution, starting from the initial concept design through to completion.



Refit & Repair

Over a number of years, many varied vessel types of refit have been carried out by our team. Having the ability to identify the required design and technical modifications for our clients is something we have a wealth of experience in. Vessel repairs and associated fault finding is carried out on a frequent basis, providing fast response support to our clients to enable their vessel to return to operations in a timely manner.



Testing & Commissioning

Our highly skilled and qualified test engineers provide complete testing and commissioning services including periodic surveys & inspection, fault finding & repair, project completion testing and commissioning, dock and sea trial support. All testing and commissioning is accompanied by a full written report and certificate of test upon completion.



Custom made consoles & fabrication

Our ability to design and manufacture in-house is both cost and time effective, and delivers a truly bespoke package within a budget and timeframe that suits our customer's exact specification. Our experience and close working relationships with our client's means we can design and fabricate consoles, and individual enclosures that are ergonomically designed for the vessel operators. Construction variances of steel and aluminium, or even GRP in terms of consoles can be supplied, with powder coated paint finishes as standard.

Sectors

With a wealth of experience spanning over many years, Alicat Marine Electrical provide design, manufacture & installation of electrical systems for a wide range of vessels across all marine sectors



Cruise



Commercial



Yachts



Defence

Our team of project managers, design & installation engineers are very versatile, adapting and applying themselves to a wide number of varied projects across the marine sector within the UK & overseas



Super Yachts



Ferries



Leisure



Workboats

Alicat Marine Electrical Provide The **COMPLETE ELECTRICAL SOLUTION**



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