



navigation communication



navigation and communication

Tijssen Elektro Zeeland: dedicated turn-key supplier of navigation and communication equipment

Tijssen Elektro Zeeland in Zierikzee is specialized in engineering, supplying, installing and commissioning complete packages of navigation and communication equipment for yachts and mega-yachts. With their wide choice of products, the company can meet all today's safety and reliability requirements. In close partnership with the experienced professionals at the head office in Oss, Tijssen Elektro Zeeland is fully able to custom-build and supply fully integrated bridges.

Authorized dealer

Tijssen Elektro Zeeland is authorized dealer for all excellent A-class brands. The company has expert knowledge, not only of these various navigation and communication systems, but also of the various aspects of present-day marine electrotechnical systems and LAN computer networks. This combination facilitates the integration of systems into complex compositions that are connected to and controlled and checked by Tijssen Elektro's MPA® system.

MPA

MPA is the innovative integration of all technical systems needed to make a yacht perform, from engine operation and on-board electronics to navigation and communication systems. MPA was developed as a technical tool to optimize a ship's safety and performance, linking navigation and communication systems to the technology behind this system. A minimum likelihood of disturbance and a maximum probability of outstanding performance will be the outcome MPA's electronic interaction at the highest level.

Complete package

Today's standard navigation package consists of instruments, GPS, radar, autopilot, navigation computer with electronic charts and AIS. The standard communication package consists of VHF, Inmarsat-C, Inmarsat Fleet, VSAT and a communication server. Connected to the dedicated communication server, the ship's LAN network (also with wireless access points) provides broadband internet and e-mail access to all users on board, including guests. With today's wireless connections to shore, an ideal communication package can be made. Thanks to the user-friendly application software, the captain can easily select the desired communication mode.

Safety system

Safety equipment, such as Navtex, Weather charts, portable VHF, EPIRB and SART, has also become standard for shipping in general, including the mega-yacht market. Under all conditions, an emergency message can be transmitted to a satellite, and this message is automatically forwarded to safety and rescue organizations. Another standard fit in almost all mega-yachts is Tender Tracking. Among other information, this application shows the exact position of the tenders and jet skies on the electronic chart.

Certifications

Our expert knowledge has proven itself in a wide and diverse field of expert activities, resulting in stunning mega-yachts built by internationally recognized yacht builders. It has also been successfully applied to tugboats and commercial ships for port control. Moreover, the company has also gained expert knowledge of every form of certification, and all its installation projects meet MCA, Lloyds, ABS and DNV standards. Their approval of an installation not only implies a guarantee for quality, professionalism and safety, but it also ensures the satisfaction of all customer interests.

Flexibility

Tijssen Elektro's expert employees take care of the entire systems installation, including designing, integrating, commissioning and maintenance. The company works in close partnership with naval architects and yacht builders. A team of specialists can be deployed for maintenance and technical support all over the world. This allows Tijssen Elektro to act flexibly before, during, and after the actual installation of any system and to make adjustments whenever and wherever required.

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