



# marine coordination center

## 24/7 premium services for your offshore project.

**VENTUSmarine** offers coordinating and conceptual project work for offshore wind farms in addition to maritime surveillance. A team of certified nautical watch officers manning the company-owned marine coordination center in 24/7 shift system is available to our customers as the first point of contact for all nautical matters around the clock.

# nautical expertise combined with modern technology

**VENTUSmarine** is equipped with modern communication and monitoring equipment from reputable manufacturers to carry out all relevant tasks under legal requirements. In addition to our standard office equipment (telephone, mobile phones, internet, nautical library, nautical charts), the control center is equipped with VTMS systems including electronic nautical charts and AIS data feed of the brand AIRBUS STYRIS. For communication in and outside of the wind farm VENTUSmarine is fitted with a Remote Radio Controller, which allows the connection of several VHF stations, as well as project-related TETRA operational radio systems.

In the field of people registration, VENTUSmarine relies on a web-based application, which is specially tailored to the offshore sector. Our navigators are well trained in handling the necessary hard- and software and routinely supervise any offshore project on the client's behalf.

*The most modern equipment ensures that our team guarantees the safety of the project within the scope of maritime surveillance for the protection of nature, people and material goods.*



# our services - as diverse as your project

## **maritime surveillance and communication with authorities**

VENTUSmarine is responsible for the monitoring and handling of the wind farm's internal and external radio communication with all project vessels and ships in the vicinity, as well as for communication and cooperation with official authorities in case the wind farm is endangered by ships from outside the project.

## **coordination and monitoring within the wind farm**

All activities within the offshore project can be monitored by the company-owned marine coordination center. This includes the decentralized coordination of preparatory activities of a wind farm, the data acquisition of people (HSE), as well as the verification of vessel certificates. The tracking and approval of all work in the project carried out by people and ships is achieved by using a proven Permit-To-Work system. In case of emergencies VENTUSmarine supports all parties with emergency measures according to the respective project emergency plan.

## **documentation and reporting**

VENTUSmarine is responsible for the preparation of daily and weekly reports and the documentation of the ongoing construction progress. On request, annual evaluations with meaningful statistics can be provided within the scope of maritime surveillance.

## **people tracking**

To ensure the safety of all persons working in the wind farm, people tracking can be performed at our control center. During this procedure, the movements of persons in the field are conscientiously recorded so that the whereabouts of all persons are known at all times.

## **24/7 availability**

People tracking and the coordination of different subcontractors usually require 24/7 availability. A team of certified nautical watch officers manning our marine coordination center in a 24/7 shift system is available to our customers for all nautical matters around the clock.

## **route planning & nautical consulting**

The foundations for efficient and safe project logistics, construction and operation of offshore wind farms are already laid in the planning and approval phase. VENTUSmarine has been doing pioneering work in this field for years and provides nautical specialists for all coordination processes.

Thanks to its modern equipment, our control center is able to determine the most cost-effective routes to the respective projects, taking all nautical aspects into account. In doing so, the team makes use of both electronic nautical charts and the latest paper charts.

## **vessel registration incl. authority registration**

As an additional service VENTUSmarine is capable to take over the complete vessel registration process for a project. This includes the request of the vessel certificates from the customer according to national and international regulations, the following check for completeness and validity as well as the registration at the respective authority.

## **agency support**

VENTUSmarine supports our agency in Eemshaven in all jobs outside office hours. This includes the official registration and processing of vessel movements in Dutch ports via a web-based reporting system. In addition, our team supports ship crews during crew changes and is always available to assist in any queries they may have.

## **people registration**

VENTUSmarine ensures a smooth registration process using a web-based application, which is specially designed for the offshore sector. From collecting and transmitting the required data to the final status query, we are the central contact. The support includes the creation of the profiles, the upload of all documents in compliance with the data protection regulations, as well as the maintenance of the data during the ongoing project.

## **IMCA audit**

CMID IMCA audits are the industry standard for inspections of vessels operating in the offshore sector. The audit is planned in close cooperation with the ship owner and carried out by a competent inspector. With our official IMCA accredited auditors we are qualified to responsibly conduct these inspections, which focus on all aspects of equipment, personnel and operations related to remotely operated systems.

## **permit-to-work coordination**

The coordination of various subcontractors in offshore projects requires the control of the permits for the work to be carried out.

VENTUSmarine takes over the nautical expertise and verifies information such as footprints of jack-up units, anchor positions or feasibility of underwater work. Not only project-specific parameters such as SimOps are checked, but also a check of changes in the seabed is taken into account. The marine coordination center is the contact from the beginning of these works until the green light after the final check.

## **helicopter flight coordination**

Flexible deployment of personnel is getting more and more important for the realization of projects at sea. For this purpose, VENTUSmarine supports the operation of various units by controlling the flight routes and number of all helicopter missions. In addition, our control center takes over the documentation of all movements of personnel on water, land and air within the framework of people tracking.

## **and much more!**

**„Place your project in trusting hands.  
Our nautical experts ensure safe navigation  
around the clock.“**







## SOLUTIONS FROM A SINGLE SOURCE

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**VENTUS**marine

A blue, curved graphic element resembling a stylized wave or a smile, positioned below the word 'marine' in the Ventus Marine logo.

EMO is a company of  Group.

Our partner

