

Maritime Safety Training

Training for survival at sea



OffTEC – the best training for your personnel

OffTEC is your ideal partner for comprehensive training and advanced training in the wind and maritime sectors.

With the extensive training and schooling facilities at our base in Enge-Sande we provide comprehensive, professional training for your specialised personnel using real technology.

Our strengths:

➔ One location – all training courses

We organise all safety, rescue and technical skill training at one location. This ensures lower expenditure for organisation and logistics.

➔ Training as close as possible to the real thing

We ensure training that is as close as possible to the real thing, which is why we have our own training wind farm (with 2 SWT-3.6-120 and 2 SWT-3.0-101 DD turbines) and our Maritime Training Centre, which specialises in training for work and conditions out at sea.

➔ Certified in accordance with GWO, STCW, OPITO and ISO

We have been certified as a provider of all training modules for the Basic Safety Training Standard set by the GWO (Global Wind Organisation) by Bureau Veritas. We also meet the requirements of the STCW (Standards of Training, Certification and Watch-keeping for Seafarers) and OPITO (Offshore Petroleum Industry Training Organisation) and provide training in accordance with these guidelines. The proof of our philosophy of quality and reliability for high customer satisfaction is provided by our certification according to ISO 9001 and ISO 29990.

➔ Training in line with international standards and customer requirements

We carry out training on the basis of international standards such as GWO, STCW and OPITO as well as the applicable industrial and health and safety guidelines, at the same time adapting the courses to the individual needs of our customers. Before starting a course, we also advise our customers and co-ordinate the course content with them.

➔ Experienced instructors

We are proud of our qualified and highly motivated team of instructors and safety divers with many years of practical experience in the wind and the maritime sectors.

➔ Partner network

We co-operate with strong partners from the training and education field and from the wind and maritime sectors.



Offshore safety and rescue training in the Maritime Training Centre

Realistic training with more than 2m wave heights in one of the world's most advanced training centres

In our Maritime Training Centre (MTC) we combine real-life technology with state of the art infrastructure down to the smallest detail. We have thus created a unique environment where we can simulate scenarios of operations out at sea as realistically as possible in a safe environment.

Whether we are dealing with two-metre waves, wind, thunder, lightning by day or at night – in our big pool we can train safety techniques and the correct use of protective equipment and various types of rescue equipment in all weather conditions.

The multi-level gallery in the hall section houses a diving area, escape chute system and winches for practising the various access, evacuation and rescue techniques needed for working in maritime environments. For Helicopter Underwater Escape Training (HUET) we have installed a latest generation METS (Modular Egress Training

Simulator). We can also provide unique rescue training straight out of moving water using a special helicopter operator.

Thanks to our respected and highly experienced instructors, in addition to the classic scenarios and height-based exercises, we also offer simulated boat landings and helicopter winching operations in our MTC. The flexibility and size of the technical and structural equipment enables variable use and expansion to meet any future requirements set by more highly developed safety standards and new training procedures.

Equipment:

➔ Building

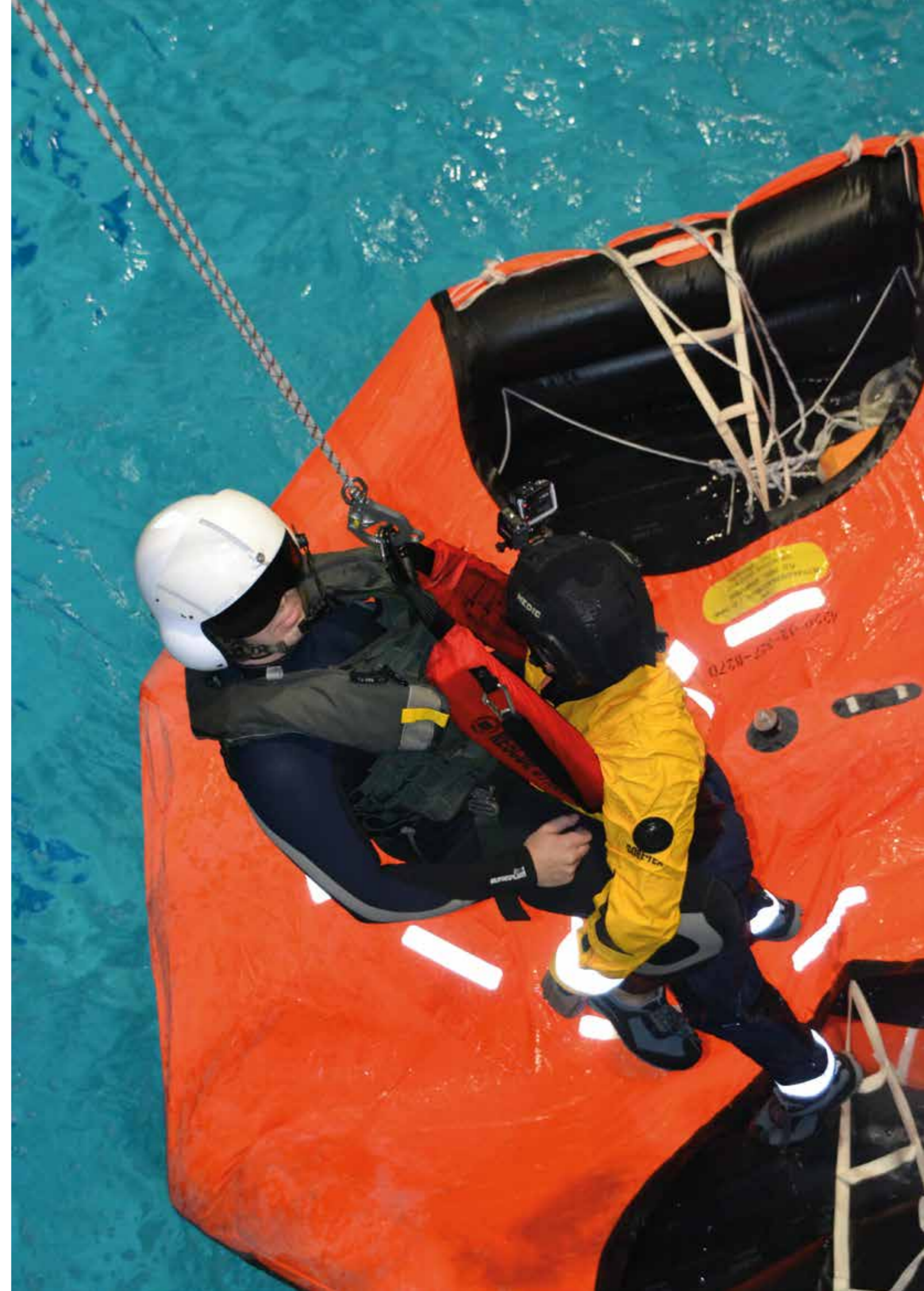
- 25 x 38 m hall size
- > 12 m height
- 320 m² seminar, office, sanitary and technical rooms
- Gallery at two height levels over water for rescue training
- Flexibly movable suspension crane

➔ Pool

- 15 x 23 m - 345 m² pool dimensions
- 5.50 m pool depth
- 4.20 m water depth
- Wave maker with waves over 2 m in height
- Various wave patterns possible

➔ Rescue equipment and other fittings

- Helicopter fuselage for winching training
- Modular egress training simulator for HUET
- Escape chute system
- Boat landing simulator
- Lifeboats and life rafts
- Various types of safety equipment
- Platform for water exercises
- Winches
- Rope ladders, pilot ladders and net systems
- Wind and sound generators
- Freefall boat and outdoor pools in preparation



Excerpt from our training programme

GWO Sea Survival

2 days, 12 teaching periods

Participants receive theoretical and practical training to teach them the important basic knowledge about safe behaviour and preventative measures that must be observed during normal work and in emergencies in all areas of offshore work.

➔ Theoretical subject matter

- Legislation, risks and hazards
- Hypothermia and drowning
- Personal rescue equipment
- Collective rescue equipment
- Maritime distress signals
- Survival techniques in water
- Safe boat transfer
- Installations, ships and wind turbines
- Man overboard
- Emergency procedures

➔ Practical subject matter

- Survival techniques in water
- Handling personal rescue equipment
- Handling a life raft
- Safe transfers
- Winching and evacuation
- Other practical exercises in the water



➔ Other training offered:

- Basic Offshore Safety Induction and Emergency Response Training (BOSIET - OPITO)
- Basic Safety Training (STCW)
- Helicopter abseiling and rescue training
- Special maritime training in accordance with customer requirements
- Testing various technical systems in the wave pool

We can also organise individual mission-specific training concepts, and concepts for special establishments, federal and state agencies.

Just talk to us.

Helicopter Underwater Escape Training - HUET

1 day, 8 teaching periods

Participants receive theoretical and practical instruction to teach them the basic knowledge and skills that will enable them to evacuate themselves from a sinking helicopter. They will be instructed in the important rules of behaviour and preventative measures relating to the hazards during and after the helicopter hits the water.

➔ Theoretical subject matter

- Dangers of helicopter flights over water
- Handling personal protective equipment
- Behaviour during the flight
- Safety equipment on board helicopters
- Behaviour before hitting the water
- Evacuation procedures depending on the type of helicopter
- Behaviour in the water
- Hypothermia

➔ Practical subject matter

- Water familiarisation exercises
- Emergency Breathing System (EBS) exercises
- Self-rescue techniques
- Handling lifejackets and lifesaving appliances
- Evacuation from a capsized helicopter
- Handling SAR recovery systems
- Saving others from a sinking helicopter



If you wish to book any courses or have any questions about our training programme please do not hesitate to contact us at info@offtec.de or on **+49 (0)4662 89127-0**.

OffTEC Base GmbH & Co. KG

Lecker Strasse 7

D - 25917 Enge-Sande

Phone +49 4662 89 127-0

Fax +49 4662 89 127-88

eMail info@offtec.de

www.offtec.de

