Norwegian traditions – a business with deep roots

TeamTec is continuing a tradition of marine industrial activity at Tangen in Tvedestrand, Norway, that dates back to around 1700. Today our company is one of the world leaders in marine waste incinerating systems, stripping ejectors and ballast water management systems for the maritime industry.

TeamTec was founded on May 17th 1984, by a small group of enthusiastic pioneers. Their enthusiasm and passion is carried forward by the entire TeamTec staff, and we are confident that our products will be in the forefront of international development in the future.

We are proud to supply quality products and service from our worldwide service network.
TECHNOLOGY

Oceansaver® BWMS has a working principle based on filtration and disinfection by side stream electrodialysis. The system is designed and engineered to be safe and easy to operate. Electrodialysis technology ensures that hydrogen is generated separately and vented with a DNV GL approved extraction system.

ADVANTAGES

- Smart TRO dosing - low power consumption
- Fully automated system integrated to vessel’s automation system
- Increased safety with redundant H2 management system
- Increased safety with independent shutdown system
- Increased safety with low pressure electrodialysis
- Low consumption of neutralization additives

BALLASTING

Ballast water is treated during uptake in the following sequence:

1. Ballast water is pumped through 40µm automatic self-cleaning filter.
2. Disinfectant is created onboard in a side stream electrodialysis C2E unit and injected through a treatment spool unit that mixed the disinfectant perfectly into the main ballast water line.

DE-BALLASTING

Ballast water is monitored during discharge in the following sequence:

1. A standby TRO (total residual oxidant) neutralization unit ensures that TRO concentration is below the discharge limit at all times.
2. About 24-36 hours after ballasting the TRO concentration in the ballast water will be lower than the discharge requirement. Smart TRO dosing leads to low consumption of neutralization chemicals.

OCEANSAYER® BWMS Operation

Max. pressure loss [bar] 0.7 bar
Holding time 24h
Salinity of ballast water no limitations
Water temperature no limitations
UV-T no limitations
Operation fully automatic
LIFECYCLE SERVICE

TeamTec provides comprehensive lifecycle service for all TeamTec products.

SPARE PARTS

- Parts in stock can be sent the same day as the order is received
- Tailored spare part kits
- Prolonged product lifetime
- Reliable operation
- Avoid unnecessary downtime and costs

SERVICE

Our service department consists of skilled service engineers and agents located in strategic areas worldwide.

A combination of experienced and highly qualified staff plus extensive know-how guarantees our customers will receive the highest level of customer care.

Our service department provides the following:

- Commissioning
- Repair service
- Installation survey
- Service agreements
- Annual service inspections
- Technical seminars
- Crew training

CONTACT US

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