



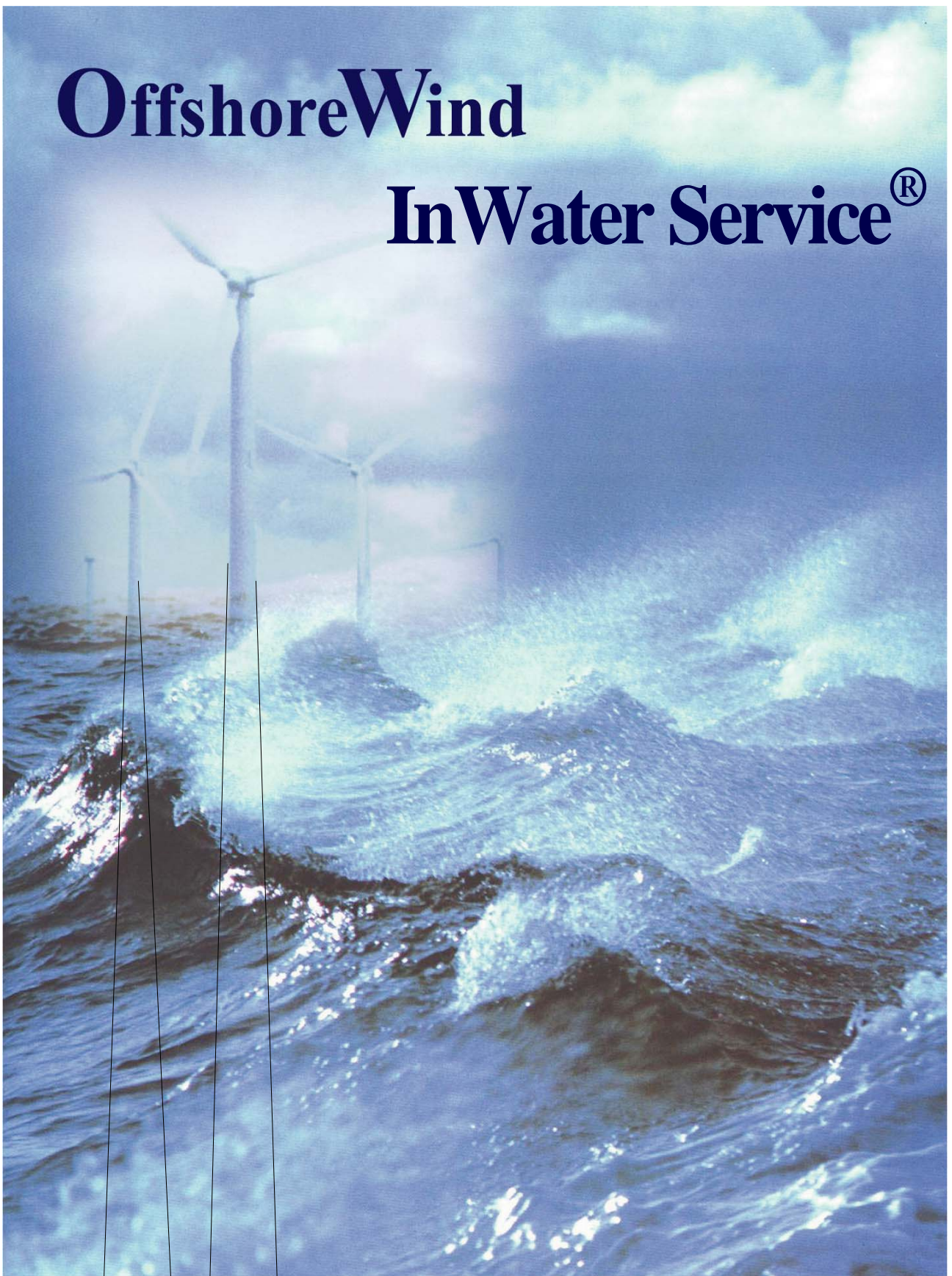
**NORDSEETAUCHER GmbH**

International Diving Contractor



**OffshoreWind**

**InWater Service<sup>®</sup>**

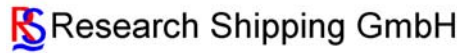




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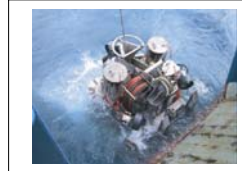
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## Offshore Wind – In Water Survey



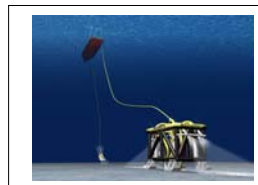
Aided by the very latest equipment, tried and tested technology and with many decades of engineering expertise under our belt, we are uniquely qualified to provide substantive analyses and sustained assessments of offshore projects.

Our wide range of services spans a highly competent network of experienced partners, enabling us to offer a broad range of expert services covering technical planning and mechanical implementation. Our services include scientific analyses and technical surveys of ambient and environmental conditions for new structures, full monitoring throughout construction, damage and hazard analyses for existing structures, as well as all maintenance, repair and overhaul work.

Our close cooperation and many years of experience enable us to provide winning solutions for your needs in offshore construction and structural engineering. Our services include:

- Identifying suitable locations
- Geological and mechanical surveys and assessments
- Effective and efficient construction supervision
- Quality assurance
- Comprehensive technical supervision throughout construction
- Expertises and rehabilitation proposals
- Evaluation and monitoring of potential hazards
- Maintenance, repairs and overhaul

## Offshore Wind – In Water Trenching



New technologies and improved equipment developed in recent years have made it possible to carry out subsea operations to lay pipelines and cables at a considerably lower prices than previously achievable. Instead of the heavy, expensive on-board equipment used by most companies, we employ a multi-purpose remotely operated swimming tool (ROST - Remote Operated Swimming Tool) to dig and fill in underwater trenches.

ROST has the necessary flushing and suction power to perform operations previously carried out from surface equipment installed on board a vessel. A control centre, called ACCESS, is located on board the support vessel, allowing the operation to be monitored and fully controlled from a secure vantage point. Complex operations can be simulated in advance using the Access system to ensure safe, efficient operations.

What are the benefits of ROST and the ACCESS system?

- Low mobilisation and deployment cost
- Very high level of operating ability, can be used virtually without restriction in rough seas
- Secure and controlled operations at depths of up to 3500 metres
- ROST is a flexible tool for flushing, suction and milling
- Complex operations can be simulated in advance by the ACCESS system
- All work is monitored from on board the support vessel and land-based facilities