

# Indoor TETRA coverage DanTysk Wind Farm

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## ABSTRACT

- ✓ Indoor TETRA coverage of 80 turbines in DanTysk windfarm
- ✓ SEMTETRA® System in collaboration with SEMCO MARITIME
- ✓ Infinity of repeaters on one single TETRA base station

DanTysk Offshore Wind



## DESCRIPTION

A rock solid and reliable communication system is an absolute necessity in the industrial off-shore applications, especially for isolated staff.

Consisting of a metal tube, an off-shore wind is a real Faraday cage when the door is closed. Integrated in SEMTETRA® solution from our integrator partner SEMCO MARITIME, specific "TETRA repeaters for wind turbines TETRA" allow to relay the TETRA signal within offshore wind turbine.

With the RX Standby function, the repeater works only when communication is sought. Thus, the number of repeaters connected on one single TETRA base station is almost infinite, and the consumption is largely optimized more than 30%.

Adapted to the constraints of the offshore world, tested on land, and validated at sea, SEMCO MARITIME successfully deployed 80 machines for wind DanTysk field in the North Sea.

