

The source of  
every solution

## Offshore Highest quality in extreme conditions



### Top quality for offshore clients

The main deck of offshore platforms is around 20 metres above sea level. Water is needed on the platform for cooling purposes, for the fire-fighting system and to supply the watermakers or other installations. Pleuger Water Solutions produces solutions for water supplies on offshore platforms. We install and maintain installations which solve water related issues. Our expertise and client focus enable us to work for various offshore clients for around 40 years now. The fact that we are able to meet the high demands and always keep our promises mean we have very satisfied clients in this sector. Please feel free to contact us for more information.

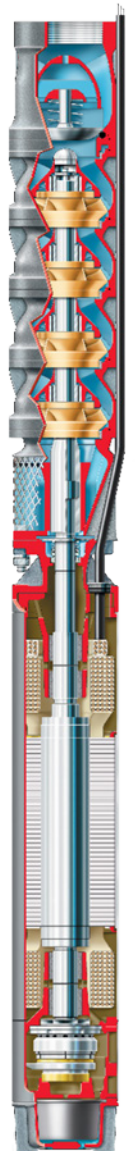
### Only top quality

The quality requirements in the offshore sector are extremely high due to the working conditions. Our submersible pumps, pipes and other materials are of top quality and enable us to offer the best and most sustainable solution.

The life cycle of our submersible pumps is therefore above-average. Working with top quality materials generates cost savings on maintenance and repairs in the long term.

### We can be contacted 24 hours a day and can be on site quickly if necessary

Keeping an offshore platform up and running is a very expensive business. Pleuger Water Solutions can therefore be contacted 24 hours a day, 7 days a week in the event of breakdowns. On a platform, every minute counts. If necessary a service engineer will come directly to any location to be flown out to a platform. We can be on location quickly to offer our clients a solution as soon as is humanly possible. Our staff is, of course, qualified and certified to work on offshore platforms.



## Cases

Pleuger Water Solutions has been a key partner to companies in the offshore business for many years now. We are therefore pleased to present a number of cases which clearly show what we have to offer our offshore clients.

### Borwin Alpha Wind Farm

We supplied ABB with 3 seawater lift pumps, including 1 spare unit, in the Borwin Alpha wind farm. We were involved in the project from the beginning and were able to offer a total solution consisting engineering, production, delivery and assembly of the installations. The frequency controlled pumps operate at a capacity of 700 m<sup>3</sup>/h in conjunction with a head of 77.5 metres. The submersible pumps have a super duplex design and each has an installed power of 215 kW. We also used 10" duplex risers, including air release valves.



Photo: BARD-Gruppe



Photo: Swift drilling.com

### Swift RIG #10

Swift Drilling commissioned Pleuger Water Solutions to supply 2 seawater lift pumps for the RIG #10. The pumps operate at a capacity of 400 m<sup>3</sup>/h in conjunction with a head of 75 metres. The pumps, produced in NiAlBz, have an installed power of 165 kW and are frequency controlled. Swift Drilling opted for Pleuger because of our proven expertise and experience with working on offshore platforms.

### Production Platform F3-FA

Pleuger Water Solutions supplied Venture Production Nederland with a fire fighter pump installation for use on the offshore platform F3-FA. We were involved right from the start of this project. We carried out the engineering, production, delivery and assembly work. This frequency controlled pump installation is equipped with 2 submersible pumps produced in NiAlBz. The first has a capacity of 20 m<sup>3</sup>/h in conjunction with a head of 174 metres. The second pump has a capacity of 600 m<sup>3</sup>/h in conjunction with a head of 161 metres.



Photo: Flickr - Dirk.Jan's photostream