



Ramnäs Bruk in the Aquaculture industry – has signed contract to supply mooring chain and accessories to Norwegian pilot offshore fish farm project

## **With existing (even decreasing) area of land, how to manage feeding the human growth worldwide?**

**- By using the unexplored areas of the oceans..**

**SalMar Group through Ocean Farming is taking responsibility to find a solution**



**for a further sustainable growth by going offshore, creating a new era for the next generation fish farm industry. New geographical areas will be opened up, pinpointed and optimized for farming with reduced biological risks.**

This is a big step for the fish farm industry and Ramnäs Bruk is very proud to be an important partner in this development.

Ramnäs Bruk (offshore quality mooring chain producer in Sweden) among other parties from the oil and gas industry have contributed with their knowledge and long experience to create a reliable mooring system for this full-scale pilot project “Ocean Farm 1” offshore Frohavet, central Norway. The ocean fish farm is planned to be completed by the second half of 2017.

Mooring chain from Ramnäs Bruk will be used in the eight point mooring system securing the structure of a semisubmersible to the seabed. The rig for the fish farm is 68 meter high and has a diameter of 110 meters with a volume of 250.000 cubic meters. This permanently moored semi-submersible structure has favorable motion characteristics based on proven technology developed for optimal fish farming.

Ocean Farm 1 will be first of its kind in the world; the submerged facility has a generic design. This means that the design and operative experiences from this project can be re-used and the target is that an industrial production of this type of offshore fish farms can be started.

*“This is a great opportunity for Ramnäs Bruk as a chain manufacturer to take part of the next generation of fish farming with the intention to transfer our knowledge and long experience into a new exciting market.”*, said Magnus Westher, Managing Director at Ramnäs Bruk.

### **About Ramnäs:**

Ramnäs Bruk, is a leading manufacturer of quality anchor chains for demanding mooring systems in the offshore industry. With more than 50 years of experience from working in the offshore sector Ramnäs Bruk have been producing chains since 1876 in Ramnäs, Sweden. [www.ramnas.com](http://www.ramnas.com)

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