



Press release – 24 August 2016

## Royal IHC upgrades underwater pump-unit TSHD for Van Oord

Royal IHC has completed the upgrade of the underwater pump and jet water system on trailing suction hopper dredger (TSHD) VOLVOX TERRANOVA for Van Oord. The renovation involved among others a complete engineering package. This package included a plan of repairs for the ship's hull and modifications to accommodate a jet pump unit and the frequency drive of the new submerged dredge pump unit.

The delivery of a 1,700kW jet pump unit and the modification of the complete suction tube was completed on schedule. Furthermore, the underwater pump unit was redesigned in order to accommodate a new 6MW submersible pump unit, including an e-motor delivered by the customer and a new IHC high efficiency dredge pump with Curve® technology.

Wouter Kruijt, Executive Director Services for IHC, said: "We are proud to have completed this challenging project in just ten months. This was made possible by the close cooperation between Van Oord and the IHC project team, as well as the timely production of newly designed equipment and the re-use of strategic spare parts from Van Oord."

Jaap Bakker, Manager Design & Construction at Van Oord added: "This was a successful project and delivered on time. The renovated equipment means we can operate the vessel more efficiently and improve her dredging capabilities."

This upgrade is part of the reinstatement of the TSHD being undertaken in Singapore. The refurbished key components will be transported from Kinderdijk to Singapore, where they will be installed onboard the vessel.

### **Note for the editors, not for publication:**

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### **Profile Royal IHC**

In an ever-changing political and economic landscape, Royal IHC enables its customers to execute complex projects from sea level to ocean floor in the most challenging of maritime environments. We are a reliable supplier of innovative and efficient equipment, vessels and services for the offshore, dredging and wet mining markets.

With a history steeped in Dutch shipbuilding since the mid-17th Century, we have in-depth knowledge and expertise of engineering and manufacturing high-performance integrated vessels and equipment, and providing sustainable services. From our head office in The Netherlands and with 3,000 employees working from sites and offices on a global basis, we are able to ensure a local presence and support on every continent.

Dredging operators, oil and gas corporations, offshore contractors, mining houses and government authorities all over the world benefit from IHC's high-quality solutions and services. With our commitment to technological innovation, in which sustainability and safety are key, we strive to continuously meet the specific needs of each customer in a rapidly evolving world.

For more information on Royal IHC, visit [www.royalihc.com](http://www.royalihc.com)