

Royal IHC sells TSHD design package to Cashman Dredging in the U.S.

PRESS RELEASE

Royal IHC has been awarded the contract for the design and engineering of a 6,500yd³ (5,000md³) trailing suction hopper dredge (TSHD) for U.S. based CASHMAN DREDGING & MARINE CONTRACTING CO., LLC (Cashman Dredging). With this order Royal IHC will deliver technological know-how in its design package which will result in one of the most state-of-the-art dredging vessels in the United States.

STATE-OF-THE-ART DESIGN

The tailor-made shallow draft TSHD design combines advanced technology with a high level of maneuverability. The diesel electric configuration of the dredge will enable optimal power utilization for the various types of dredging works, and the engines will comply with air pollution regulations EPA Tier IV and IMO Tier III. The design incorporates state-of-the-art dredge automation and high-efficient dredge equipment, increasing the efficiency of the dredging process.

MULTI-PURPOSE DEPLOYMENT

Once the vessel is completed, it will help position Cashman Dredging for the most challenging dredging projects in the United States. Thanks to a thorough selection of equipment and specific design choices, the vessel will be truly versatile and can be deployed in various maintenance and beach nourishment projects.

The design includes two dredge pumps that enable large discharge distances when operated in series. Furthermore, it features two suction tubes enabling operation in most conditions by either using both tubes or just one in a strong current scenario.

The vessel's shallow draft allows sailing close to shore, decreasing shore discharge distances. Additionally, two azimuth thrusters provide maximum maneuverability.

LOCAL PRESENCE

Royal IHC is honored to have been selected by Cashman Dredging for the design and engineering of this state-of-the-art vessel. The order has been realized by the fruitful cooperation between Cashman Dredging, IHC America (Houston, Texas) and Royal IHC's engineering department in The Netherlands.

The Royal IHC philosophy is to build long-term partnerships with its customers.

Rafael Habib, IHC America Sales Director says: *"It is very rewarding to see that our designs are significantly boosting the country's dredging capacity. Our mission is to help customers in the U.S and the Americas grow their business with IHC's custom or standard design TSHD or CSD's, spare parts, custom systems and technical support."*



**THE TECHNOLOGY
INNOVATOR.**

Note for the editors, not for publication:

About 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 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

For more information, please contact:

Mr Hans Huigen
Public Affairs Manager
M +31 6 41 04 46 62
h.huigen@royalihc.com



**THE TECHNOLOGY
INNOVATOR.**