

# Three Barges from SMIT are installed with Emerson's Valve Remote Control System with Green Oil Technology

## RESULTS

- The Valve Remote Control system complies with VGP regulations to use biodegradable oil in all oil-to-sea interfaces
- Ensures better protection of the eco-aquatic system
- The Valve Remote Control System performs with same high performance as if using a mineral hydraulic oil

## APPLICATION

Three Barges

## CUSTOMER

Shipowner SMIT International, a subsidiary of Boskalis, NL and shipbuilder Keppel Nantong, PRC.

## CHALLENGE

The challenge for the customer was the VGP regulations from US Environmental Agency and the desire to comply them, since these barges are planned to be sailing worldwide. Customer wanted to make sure they can sail without any problems in US waters. Customer has an environmental profile and wants to be first mover with solutions to protect the environment and assure leakages will not damage the eco-aquatic system.

## SOLUTION

Emerson's Green Oil Technology using tested and approved biodegradable oil in the Valve Remote Control System is a great solution, enabling customer not only to comply with newest VGP regulations but also it strengthens the environmental profile and protects the eco-aquatic system. The solution also includes a Tank Level Gauging System ensuring constant reliable measuring of the water level in the ballast tanks as well as a complete Integrated Control and Monitoring System securing overview of the situation and all in all giving the owner peace of mind. Product scope per Barge:

- 102 pcs Hydraulic Actuators
- 2 pcs Solenoid Valve Cabinets
- 2 pcs Hydraulic Power Units
- 1 Tank Level Gauging System
- 1 Marine Integrated Control and Monitoring System

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**Green Oil Technology,  
yet another solution  
to strengthen owners  
environmental profile**

