

# Enseada builds six Drill ships implementing Emerson's Valve Remote Control System with Green Oil Technology

## RESULTS

- Compliance with new VGP regulation to use biodegradable oil in all oil-to-sea interfaces
- Avoid damages from oil leakages in the sea
- Same high performance of the Valve Remote Control System as if using a mineral hydraulic oil.



## APPLICATION

Six Drill Ships

## CUSTOMER

Shipbuilder Enseada, Brazil and shipowner Petrobras, Brazil.

## CHALLENGE

In order to comply with the VGP regulations from US Environmental Protection Agency, customer requested for a green alternative solution for the Valve Remote Control System.

## SOLUTION

In order to prevent any oil pollution in case of leakages in their oil-to-sea interfaces the solution from Emerson was implemented. This solution includes Green Oil Technology in the actuators and local power units (LPUs) for all submerged locations in the Valve Remote Control System. The system is operated with a complete Integrated Control and Monitoring System for better and complete system control.

In total for six drill ships:

29 submerged actuators with LPUs for each drill ships

In total 174 actuators/LPUs

with Green Oil Technology in the ballast tanks.

For contact information, addresses and facts about our global sales and service network, please visit:

[www.Emerson.com/marine](http://www.Emerson.com/marine)

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