

## Maintaining Full Station Keeping Capabilities During a Blackout

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### Abstract

In July of 2001 Global Industries initiated the project of converting the Titan II, which at the time was a self-propelled / anchored heavy lift vessel, to a DNV class ATR DP vessel. The Titan was self-propelled with four thrusters, two main zee drives of 2200HP each and two tunnel thrusters at 200HP each. Global entered into a long term lease for the vessel with a Ukraine based company with the intention of converting it to DP. Although not one of the original goals, one result of the conversion method [to DP] was a vessel that could maintain station for at least 30 minutes during a complete electrical blackout.

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