

Title: Development Process of the DSME & Honeywell DP System for a Submerged Heavy Lift Carrier

Authors: Kim Se Won, Ji-Hwang, Choi Jin Woo, Lee Jin Kwang, Jin Eun Seok, *Daewoo Shipbuilding & Marine Engineering Co., Ltd.*
Moon Hee Gun, Park Nea Heon, *Honeywell, Korea*

Abstract

This paper presents the development process of The DSME & Honeywell Dynamic Positioning System for a Submerged Heavy Lift Carrier.

Submerged Heavy Lift Carrier's Draft could be changed dramatically if Draft is changed, Environmental Load and Ship's Characteristics are also changed. This DP system is the first of a new generation of controllers, which include Vessel Draft Change, robust control system for Heavy Lift Carrier Vessel. The control system has been designed to consider heavy lift carrier's Cargo Change and to minimize risk.

The experiences and results of commissioning and Sea Trial during April and May 2010 are presented.

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