

Title: DP in Ice Conditions

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Abstract

The paper discusses the topic of DP operations in arctic ice conditions. Different from open water DP, qualification of DP control in such environments is difficult since there are no well established methods for doing so. The paper shows that there is a need to make a DP control system more reactive to cope with the highly varying ice loads acting on a DP vessel. Assuming such a measure is taken DP operations should be feasible. However, it will require well planned and executed ice management.

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