

## **What is the DP Current?**

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### ***Abstract***

Over the years there has been much confusion about and misunderstanding of the current estimate presented on the DP screen. The paper elaborates on what it really represents, why it is needed, and is also discussing some implementation aspects.

The paper further discusses the behavior of the DP current in different environmental conditions and the effect of vessel modeling errors (inaccurate thruster models represented by set-point / feedback errors and wind sensor reading errors).

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