

MARIN launch Roll Risk Estimator for Container vessels

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CIRCULAR

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The International Group is a member of the Maritime Research Institute of the Netherlands (MARIN) Top Tier project. The project has been established to examine and assess the causes of container losses arising from at-sea incidents onboard various sizes of container ships with a particular focus on ultra large ships. The project has been approved by a cross section of industry, academic and government interests and MARIN will produce a report of its findings including recommendations in due course. It is envisaged that the recommendations will eventually lead to operational and technical improvements that should mitigate the risk and underlying causes of container losses at sea.

The International Group has received the annexed roll risk estimator which is available [here](#).

It indicates combinations of speed, heading and wave period that may result in unfavourable tuning of roll motions that should be avoided. It does not give indication of the maximum roll motion and wave height at which a vessel is vulnerable to adverse rolling, which must be judged by the master's experience. In addition, it does not address other dangerous ship behaviour, for example large vertical accelerations, shipping green water and slamming.

All clubs in the International Group have issued a similarly worded circular.

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