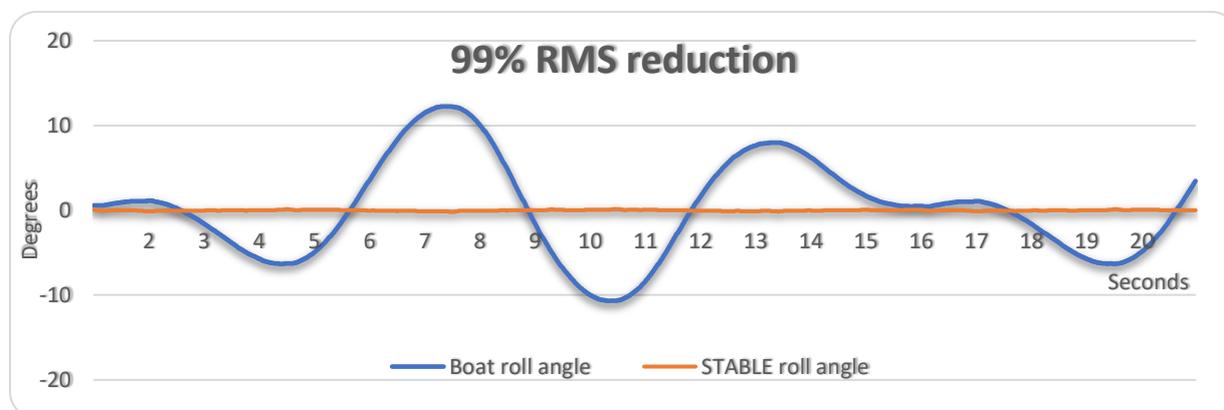


Next generation of STABLE algorithms

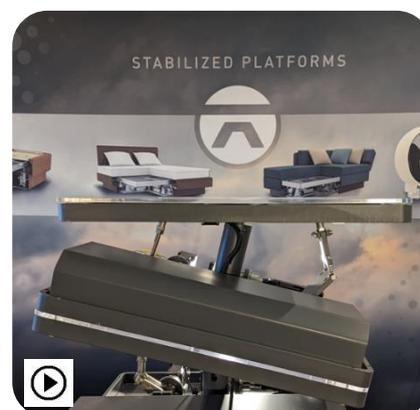
Extreme accuracy!

STABLE is pleased to announce implementation of new regulation algorithms, reaching stabilization accuracy up to 99%! This paves the way for applications demanding super accuracy, and in addition increasing the robustness of our high frequency use-cases.

The illustration below shows data captured from an actual platform stabilization, boat movements (blue) of +/- 11 degrees roll and 6 sec roll period, and the remaining movements of the STABLE platform +/- 0,15 degrees roll (orange).



“Being able to meet requirements from applications that demand extreme accuracy, opens up for new use-cases within the Radar-, Lidar-, VSAT- and Sensor segment, as well as improving our “classical” applications for Billiards and Drones/UAVs. Improving quality of data and increasing the weather window is leading to enhanced profits, reduced expenses, and improved operating efficiencies for the end user. This technical milestone is a result of dedicated development by our R&D Manager Petter Gøytil and keeps us as the frontrunners for the majority of challenging stabilization use-cases on land and at sea” says Rune M. Eriksen, CSO and Partner at STABLE.



STABLE has been challenged by several clients pursuing use-cases with short roll periods (e.g., up to 0,5-1Hz). Within such frequency areas, the regulation process is seriously impacted by delays, noise, or environmental disturbances. By combining sensors, optimizing filters, and creating new algorithms, STABLE has now stepped up from 90 % roll/pitch suppression up to 99 % for specific use-cases.

About STABLE:

STABLE (est. 2002) is the number one supplier of onboard stabilization platforms, using technology originally developed for use in active heave-compensated cranes for the offshore industry. STABLE’s platform neutralizes a vessel’s roll and pitch motions, which are calculated by means of sensor signals, resulting in the platform being automatically adjusted by computer-controlled actuators. STABLE has proved itself by developing one of the most demanding applications in terms of responsiveness and accuracy: the [STABLE Billiard](#), which has been installed on a number of cruise ships and luxury yachts since 2002.

For further details please contact:

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