

HYDROVANE INTERNATIONAL MARINE INC.

PRESS RELEASE SEPTEMBER 2011

Hydrovane's Rudder Undergoes Tank Testing at Southampton University

Hydrovane International Marine Inc., manufacturers of the Hydrovane self steering system and emergency rudder, announce the release of their next generation rudder. Over the past twelve months the Hydrovane engineers have spent many hours testing the Hydrovane rudder in the Towing Test Tank facility of the University of Southampton's Engineering Department. Hydrovane is now able to better direct the shaft hole to be in sync with pressure points over the rudders length. The change is subtle – a refinement – increases stability while maintaining light air responsiveness. Hydrovane's engineers are delighted to have had this opportunity to measure and quantify loads on each segment of the rudder. This advancement is specifically targeted to bigger and faster boats.



- 1) Hydrovane rudder in test tank at Southampton University, UK - wired to a dynamometer that collects readings of lateral force, drag and torque
- 2) Rudder on display at the Southampton boat show