



RINA/IMarEST Technical Presentation

Designing for Slamming Loads on Composite Vessels

Speaker: Valerio Corniani
Marine Manager, Diab Group

Date Wednesday 1 February 2017

Venue: Harricks Auditorium
Engineers Australia
8 Thomas St
Chatswood

Refreshments: 6:00 pm

Presentation: 6:30 pm

The combination of higher speed, flatter hull bottoms and stiffer structures is increasing the slamming loads on modern sailing and motor yachts. With the hull lines defined, the structure then has to be designed to be capable of absorbing such slamming loads.

This presentation will describe the conservation-of-energy approach for dynamic loads and investigate the effect of material properties. This is an in-depth view of engineering to cater for slamming loads, from energy considerations to hull-structure design through design-rule requirements.