



# Technical Talk

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**NAPA Singapore**

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## **Second Generation Intact Stability**

**Date:** 22<sup>nd</sup> September 2015, Tuesday

**Time:** 6.30 pm – 7 pm Registration and Refreshments

Talk begins at 7 pm and ends at 8 pm

**Venue:** The Hall, Singapore Polytechnic, 500 Dover Road, Gate Three

### **Synopsis of Talk**

The world of intact stability regulations is changing and this will pose new challenges to naval architects dealing with statutory matters. So-called Second Generation Intact Stability Criteria has been under development at IMO and the new regulation is getting close to finalization. Once the rule is finalized the plan is to amend it to the Part B of the IS Code. This talk will give an overview on the past, present and the future of the intact stability regulations. Backgrounds of the new regulations are discussed and the current status at IMO is presented. The differences between current IS2008 and the upcoming regulations are highlighted. The physical backgrounds of the intact stability failure modes are presented along with the calculation methods. The required data for the calculations are reviewed from a practical naval architecture point of view. The future of the regulation is discussed and how that might affect the ship design process in the future.

***All are welcome and admission is free***