



The Institution of Engineers, Malaysia

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TALK ON “AN OVERVIEW OF SECOND GENERATION INTACT STABILITY CRITERIA”

(Organised by the Marine Engineering & Naval Architecture Technical Division, IEM)

Date : 7th August 2018 (Tuesday)

Time : 5.30pm – 7.30pm (*Refreshments will be served at 5.00pm*)

Venue : Tan Sri Prof. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, PJ

Speaker: Commander Ir. Dr Arman Ariffin RMN, CEng, CMarEng, PEng

SYNOPSIS

The Second Generation Intact Stability Criteria (SGISC) are currently under finalisation by the International Maritime Organisation (IMO). These criteria should be based on the physics of the specific phenomena leading to stability failures. The justification of SGISC can be completed in the form of a multi-tiered approach, whereby a ship would be checked for a vulnerability in the first tiers and, if found vulnerable, then the ship would be evaluated using the second level vulnerability criteria. If still found vulnerable, then the ship would be evaluated using state-of-the-art direct assessment methods.

SPEAKERS’ BIODATA

Commander Ir. Dr Arman Ariffin is a Marine Engineer of Royal Malaysian Navy. He began his career with the Royal Malaysian Navy in 2005. He had 13 years’ experience in the Navy and served in various capacities as an engineering including Chief Engineering onboard naval vessel, Support Engineer of Malaysian Submarine Project, Platform Engineer of Littoral Combat Ship (LCS) Nucleus Team. Currently, he is a Staff Officer for System and Equipment Develop in Engineering Department, Naval Headquarters, and Kuala Lumpur.

Cdr Dr Ir Arman holds a Bachelor Degree in Engineering (Mechanical) and Master in Engineering (Mechanical), both from Universiti Teknologi Malaysia, and Doctorate in Engineering (Mechanics, Fluid Mechanics and Energy) from L’université de Bretagne Occidentale (UBO), France. He is an active reviewer for several journals and advisory committee in an international conference related to Marine and Naval Engineering. In the professional career, he is a Chartered Engineer, Chartered Marine Engineer, UK and Professional Engineer with Practice from Board of Engineers, Malaysia. He is also Member of IEM. He is a Malaysian’s Representative in Ship Design and Construction Sub-Committee Members at International Maritime Organisation (IMO), London.

In the research field, he actively involves in heating, ventilation and air-conditioning (HVAC) system, CFD, experimental works, aerodynamics and ship design domain. He presented several research papers in Malaysia, Indonesia, United Kingdom, Sweden, Portugal, Germany and the Netherlands. He is also active in assisting young engineers for pursuing Chartered Engineer, Professional Engineer and post-graduate study in country and abroad

Ir. Roznan Abdul Rashid
Chairman
Marine Engineering & Naval Architecture Technical Division

**BEM Approved CPD/PDP Hours:
Applying**

FEE ANNOUNCEMENT
(Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM 15
 - (b) Walk-In RM 20

Non-Members:

- (i) Registration Fee: RM 50
- (ii) Administrative Fee: RM 20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

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