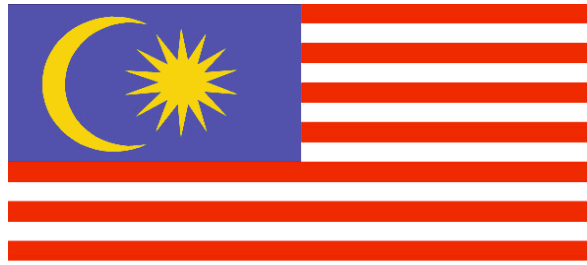




Royal Institution of  
Naval Architects



# Newsletter

CAWANGAN BERSAMA "ROYAL INSTITUTION OF NAVAL ARCHITECTS (RINA)" DAN "INSTITUTE OF MARINE ENGINEERING, SCIENCE & TECHNOLOGY (IMarEST)" DI MALAYSIA (Joint Branch "RINA" and IMarEST" in Malaysia)

September 2010

Issue 12/2010

## 22<sup>nd</sup> Joint Branch Annual Dinner and AGM 2009

The 22<sup>nd</sup> Joint Branch AGM & Annual Dinner was held on 31<sup>st</sup> October 2009 at the majestic Palace Of The Golden Horses @ Mines Resort, Kuala Lumpur. A total of about 550 guests including members were present to enjoy the Joint Branch Annual Dinner that is considered the most popular and much awaited annual maritime event in Malaysia. Prominent personalities to grace the occasion were:

- ✓ The Chief of Royal Malaysian Navy, Admiral Tan Sri Dato' Seri Abdul Aziz Jaafar
- ✓ Director General of Marine Department Malaysia, Dato' Captain Ahmad Othman
- ✓ President IMarEST South East Asia Division (SEAD) - Eur Ing David Kinrade, CEng, FIMarEST
- ✓ President Indonesia Regional Centre IMarEST – Mr. Johnson W. Sutjipto, CEng, FIMarEST
- ✓ Rep. Singapore Joint Branch & Past President IMarEST - Prof. Choo Yoo Sang CEng, FIMarEST



**(L to R):** Past President IMarEST (Prof Choo YS), Chairman MJB (Ir Hj Othman), Chief of RMN (Admiral Tan Sri Aziz Jaafar), Vice Chairman MJB (FAdm. Dato' Ir Hj Murad), Director General Marine Dept. (Dato' Captain Ahmad), President IRC (Ir Johnson), President SEAD (Eur Ing David Kinrade)



*Committee Members of Session 2009/2010*

### **Academic Excellence Award 2009**

In encouraging Academic Excellence from students of Institution of Higher Learnings, the Joint Branch awarded Certificates and cheques to high achievers from Malaysia Maritime Academy (ALAM), Polytechnic Ungku Omar, University Technology Malaysia (UTM), Naval Training College, Royal Malaysian Navy (RMN), National Defence University and Universiti Kuala Lumpur (UniKL).

Award Recipients also received sponsorship for a **1-Year FREE Subscription** (*RINA or IMarEST*) by the Malaysian Joint Branch.

Recipient	University/College	Course
Mr. Muhammad Syahmi bin Saleh	University Technology Malaysia (UTM)	Degree in Mechanical-Marine Technology (Hons)
Officer Cadet Mohd. Shahmi Mahamad Yasri	National Defence University Malaysia (ATMA)	Bachelor of Science Mechanical Engineering (Marine Technology)
Apprentice Elec. Weapons Umar Dani Mochlis Moktar	Naval Education and Training Centre, Royal Malaysian Navy	Diploma in Marine Technology (Electronics)
Mr. Hoo Wee Liat	Malaysia Maritime Academy (Academy Laut Malaysia - ALAM)	Diploma in Marine Engineering
Mr. Kong Wai How	Polytechnic Ungku Omar	Diploma in Marine Engineering
Mr. Ikhwan Shafiq bin Zainal Abidin	UniKL, Marine Engineering and Technology (MIMET)	Diploma in Engineering Technology Ship Construction & Maintenance
Mr. Yong Jun Xiang (UTM BEng Final Project)	"RINA – MMHE Student Naval Architect Award (2009)"	Title "Inboard Propulsion System of a Small Water Transport Vehicle"



*Award Winners from UniKL, NDU (ATMA), PUO, RMN, UTM, ALAM and RINA-MMHE*

## **23<sup>rd</sup> AGM and Annual Dinner 2010 .....*Don't miss it.....!!!***

*The Malaysia Joint Branch Annual AGM & Annual Dinner will be held on 9<sup>th</sup> October 2010 at the Istana Hotel, KL. As a testimony of the popularity in the Maritime Industry (Malaysia and Singapore), the Joint Branch will again be hosting at least 500 persons.*

### **Membership Status @ 1<sup>st</sup> July 2010 (an increase of 50 Corporate Members)**

MEMBER GRADE	RINA	IMarEST	RINA & IMarEST
Affiliate	-	50	50
Associate Member	-	14	14
Elective Graduate	-	1	1
Elective Member	-	1	1
Fellow	3	21	24
Graduate	54	0	54
Member	13	130	143
Student	64	289	153
<b>Grand Total</b>	<b>132</b>	<b>506</b>	<b>638</b>

### **Technical Talks and Membership Drive Session 2009/2010**

- ✓ ***“The Challenges Facing the Maritime Industry - “Innovation: The Key Success” by Mr. Trevor Blakeley, CEng, FRINA , FIMarEST, FIMechE*** Chief Executive, Royal Institution of Naval Architects (RINA) at UTM on 20<sup>th</sup> Jan 2010
- ✓ ***“Introduction to Computational Fluid Dynamics” by Dr. Norshah Hafeez Shuaib***, Deputy Dean, Faculty of Engineering, UNITEN on 9<sup>th</sup> July 2010 at Istana Hotel, KL
- ✓ ***“South Korea and Malaysia Ship Building Industry – A Historical and Technical Comparison” by Ir Fauzi Yaakob CEng, MRINA***, Committee Malaysia Joint Branch on 23<sup>rd</sup> March 2010 at Istana Hotel, KL
- ✓ ***“Wing-In-Ground Effect Vehicles” by Prof Dr. Kirill Rozhdestvensky, CEng , FIMarEST*** St. Petersburg State Marine Technical University, Russia on 3<sup>rd</sup> August 2010 at RMN Naval Base, Lumut, Perak.
- ✓ ***“Six Sigma - Perspective in Naval Application” by First Admiral Dato’ Ir Hj Ahmad Murad, CEng, FIMarEST***, Chairman Malaysia Joint Branch on 3<sup>rd</sup> August 2010 at RMN Naval Base, Lumut, Perak.



*Prof Dr. Kirill presenting “Wing-In-Ground Effect Vehicles”*



*First Admiral Dato’ Ir Hj Ahmad Murad - “Six Sigma: Perspective in Naval Application”*



## Underwater Remotely Operated Vehicle Competition 2010 (UROVeC' 10)

The Malaysia Joint Branch co-organised the *National UROVeC' 10* that was launched on 19<sup>th</sup> July 2010 by the Deputy Minister of MOSTI. Objective of the competition is to nurture future Malaysians and the event is themed as “An Outreach Program for Malaysia’s Next Generation of Marine Engineers and Naval Architects”.

In conjunction with the competition, MJB presented 3 Career Talks to students at the National Oceanographic Directorate (NOD), Putrajaya on 24<sup>th</sup> June 2010. The topics were titled:

- “Naval Architect Engineers for the Marine Vehicles and Floating Structures” by *Ir. Mohd Fauzi, CEng, MRINA*
- “Concept of Bouyancy in ROV Design” by *Assoc. Prof. Cdr. Ir. Salim Kamil, CEng, FIMarEST*
- “Careers in the Maritime Industry” by *Cdr. Ir. Franklin Joseph RMN CEng, FIMarEST*



MJB and co-organisers of UROVeC 2010



Ir. Fauzi briefing on UROVeC' 10 competition



“Concept of Buoyancy in ROV Design” by A/Prof. Salim Kamil



A segment of attentive students in the briefing.....



Putting theory into application.....ROV in the making....



ROV models to the test....the obstacle course...



...finally, the deserving winners of UROVeC 2010 (SMK Tun Dr Ismail, KL) with the "Joint Branch RINA & IMarEST Challenge Trophy"



"Career in the Maritime Industry" by Cdr Ir Franklin Joseph RMN, CEng, FIMarEST

### **Conferment of FIMarEST to the Chief of Royal Malaysian Navy (RMN)**

The Chief of Royal Malaysia Navy, Admiral Tan Sri Dato' Seri Abdul Aziz Jaafar, made history when he became the first Chief of Navy (CoN) to be conferred as Fellow of IMarEST (FIMarEST). The ceremony was made at Ministry of Defence on 27<sup>th</sup> July 2010. Presenting the FIMarEST Certificate was President IMarEST SEAD, Eur Ing David Kinrade.

Besides the presence of Flag Officers and Senior Officers from Naval Headquarters, present to witness the historic event was Puan Sri Sarah Abdul Ghafar, wife of the CoN and the Deputy CoN, Vice Admiral Dato' Seri Nordin.

***"In line with the Nation's call for globalization, it is time that the Royal Malaysian Navy spreads its wings to affiliate itself with international professional bodies such as IMarEST where from this point on, the ambition to be a "World Class Navy" can be fulfilled"*** said Admiral Aziz.



Admiral Aziz receiving his FIMarEST Certificate



A memorable moment.....CoN with MJB Committee

### **1<sup>st</sup> National Marine Industry Forum (1NMIF)**

The Joint Branch co-organised the 1<sup>st</sup> National Marine Industry Forum (1NMIF) that was held on 23<sup>rd</sup> March 2010 at the Istana Hotel, KL. The involvement and contribution of the Joint Branch was significant to the forum where the objectives are as follows:

- To provide a national platform for open exchange of views on issues and challenges in the marine industry
- To brainstorm on viable options in promoting the growth of marine industry in Malaysia
- To use the inputs from the forum to determine the way forward for the benefit and betterment of the marine industry in Malaysia
- To provide findings and feed back to relevant government agencies in reviewing the 3<sup>rd</sup> Industrial Master Plan (IMP3), and to provide guidance for future development of IMP

Ir. Fauzi Yaakob presented a topic on "A Comparison on Korea and Malaysia Ship Building Industry". Four MJB Committee Members participated by facilitating various topics in the "Breakout Session" and presented the session's findings at the end of the Forum.

Key Closing Remark for INMIF was delivered by MJB Chairman, FAdm Ir Hj Ahmad Murad as an end to a very successful National Forum and a start to a new perspective of the Maritime Industry in Malaysia.

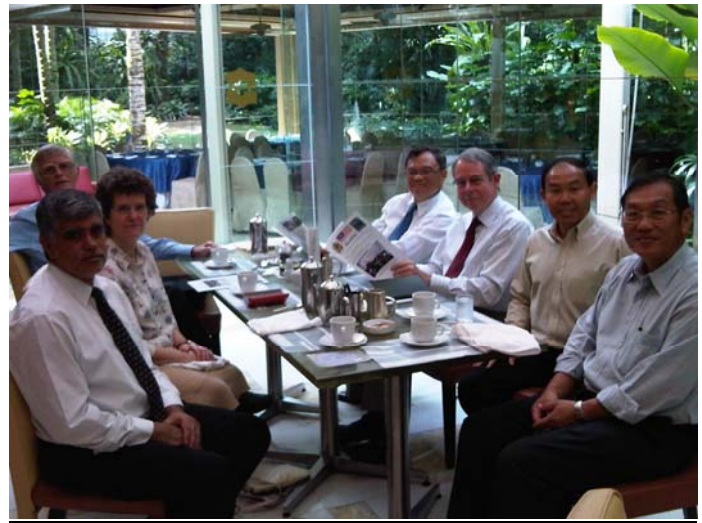


### Visit by President-Elect IMarEST

The Malaysia Joint Branch hosted a visit by the President-Elect IMarEST, Rear Admiral Nigel Guild, CEng, FIMarEST on 19<sup>th</sup> January 2010 at Shangri-la Hotel, Kuala Lumpur. Agenda included Continuous Professional Development, restructuring at HQ level, membership recruitment and membership issues.

In attendance was Professor Felicity Guild (Imperial College London) who had earlier presented an interesting talk at National University Singapore (NUS) titled "Adhesive in Ship Buildings: Glued Ships??" MJB members were graciously invited to the talk by the Singapore Joint Branch RINA & IMarEST.

*Committee Members with Admiral Nigel Guild, Professor Felicity Guild and President SEAD*



### Membership Drive at National Oceanographic Directorate (NOD) and University Malaysia Terengganu (UMT)

Besides the recruitment of Marine Engineers and Naval Architects from the known traditional industry, the Joint Branch has also been actively involved in sharing potential activities to other related professionals i.e. Marine Technologist and Marine Scientist in the maritime industry. In this aspect, the Joint Branch has been successful in garnering interest from the National Oceanographic Directorate (under the purview of *Ministry of Science, Technology and Innovation (MOSTI)*) and University Malaysia Terengganu.

Both of these organisations have a vast number of scientist and technologist and it is anticipated that more of these professionals will join RINA and IMarEST to add interest and variety to the Branch activities. In addition, with the enhancement of a varied knowledge, it is anticipated that more interesting activities will evolve and add semblance to Continuous Professional Development in the maritime industry.

### About RINA and IMarEST



**Royal Institution of Naval Architects**

Founded in 1860 in London to "...advance the art and science of ship design..." "today the Royal Institution of Naval Architects is a world renowned and highly respected international professional institution and learned society whose members are involved at all levels in the design, construction, maintenance and operation of all marine vessels and structures. RINA has members in over 90 countries, and is widely represented in industry, universities and colleges, and maritime organisations world-wide.

Membership of RINA and the right to use the letters FRINA, MRINA, AMRINA, ARINA or CpRINA after a member's name demonstrates the achievement of internationally recognised standards of professional competence, and the commitment to professional integrity and high standards of practice governed by the Institution's **Code of Professional Conduct**. There are classes of RINA membership to suit all those involved or interested in the design, construction, maintenance and operation of all types of marine vessels and structures. The classes of membership reflect the education, training, experience and professional responsibility achieved.

Membership of RINA is international, reflecting the global nature of the maritime industry, and provides access to the wide range of benefits and services. <http://www.rina.org.uk>



The Institute of Marine Engineering, Science and Technology (IMarEST) is an international professional membership body and learned society for all marine professionals. IMarEST (formerly known as the Institute of Marine Engineers) is the first professional Institute to adopt an all-embracing approach and recognise the need to bring together marine engineers, scientists and technologists.

The Institute is a nominated and licensed body of the Engineering Council (UK) and a member of the Science Council (UK). It has significant links with many organisations that benefit members, such as the International Maritime Organisation, UK Engineering and Technology Board, UK Maritime Forum and Society of Maritime Industries. Special interest groups include the Small Ships Group and the Young Marine Professionals.

There are seven membership categories for marine engineers, scientists and technologists. Membership requirements for these categories are based on academic standards, knowledge, experience, competence and commitment of the individual in their chosen discipline. IMarEST applies equal standards for engineers, scientists and technologists.

The institute is empowered to award 'Chartered', 'Incorporated' and 'Technician' status for engineers through registration with the UK Engineering Council. IMarEST is the only institution empowered to award the title "Chartered Marine Engineer", 'Chartered Marine Scientist' and 'Chartered Marine Technologist' <http://www.imarest.org>