MARINA

The Quarterly Newsletter of
The Hong Kong Institute of Marine Technology and
The Hong Kong Joint Branch of The Royal Institution of Naval Architects
and The Institute of Marine Engineering, Science and Technology

香港海事科技學會及皇家造船師學會
暨輪機工程及海事科技學會香港聯合分會季刊

Vol 4 : December 2012

HKJB & HKIMT Activities

2012 Annual Ball (HKJB / HKIMT)

For the success of a function, it needs to be well planned and implemented by the organization team. The Ball Chairman must thank all those who had contributed so much of their hard work and efforts towards the success of this year's Ball.

On Friday, 16 November 2012 at about 4:30p.m., committee members of HKJB / HKIMT arrived at the Grand Ballroom at lower level 1 of Kowloon Shangri-La Hotel to check the setup, decoration condition, lighting / air conditioning, final briefing to hotel representatives, rehearsal to pipers and drummers, lucky draw arrangement, photography arrangement, star singer and band setting etc., to make sure that they were all ready and in order before arrival of guests.

This year, the whole Grand Ballroom was fully occupied by 28 tables and there was special arrangement that our VIPs were led by the pipers into the ballroom and then followed by drum performance.

The opening speech was conducted by the Chairman of HKJB of RINA and IMarEST, Ir Y.M. Cheng, then followed by the Chairman of HKIMT – Ir Tang Kwong Fai, and the keynote speech was by the Guest of Honour, Professor Anthony Cheung Bing Leung – Secretary for Transport and Housing Bureau. He stated that human resources as well as advanced technologies were the key issues to make Hong Kong as an International Shipping Centre. (Full speech by Professor Cheung can be read in other part of this MARINA issue) This annual event had attracted different practitioners from all marine related sectors, including marine engineers, naval architects, marine officers, ship owners, shipping manager, classification societies, shipping companies, dockyards, engine makers, marine paint manufacturers, marine chemical manufacturers, marine aid companies, ship brokers & ship chartering companies, marine equipment makers, the H.K. Pilots Association and the Marine Department of the HKSAR, etc. to share their views and chats under the friendly and relaxed atmosphere.

Opening speech by Ir Y.M. Cheng – the Chairman of HKJB

Speech by Ir K.F. Tang – the Chairman of HKIMT

We must thank those who supported our annual function by sponsoring the lucky draw prizes as well as for the dinner tables. And we trust that they will continue to support our events in the coming year.

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Group photo of HKJB/HKIMT committee members toast in Annual Ball

We understand that this kind of event is not commonly held in Hong Kong for professional institutes. We must continue to make use of the opportunities to provide the occasion for marine practitioners to get together to share their views as well as to contribute the effort and maintain Hong Kong as an International Shipping Center. It was another successful event and everybody enjoyed the evening with good music and good food under the excellent atmosphere led by the Star Singer, Ms. Happy Cheng.

Ir Tang Kai Fun

Speech by Professor Anthony Cheung

Speech by Professor Anthony Cheung Bing Leung – Secretary for Transport and Housing Bureau

Mr CHENG [Yeung Ming], Mr TANG [Kwong Fai] distinguished guests, ladies and gentlemen,

Good Evening.

It is my great pleasure to be here with you tonight, at this important and traditional event of the Hong Kong Joint Branch of the RINA and IMarEST (standing for the Royal Institution of Naval Architects and the Institute of Marine Engineering, Science and Technology) together with the Hong Kong Institute of Marine Technology (HKIMT).

Shipping and technological advances

Hong Kong was founded by the British in the 19th Century as a trading port between East and West, during the then booming China Trade. Today, the importance of international shipping to the global economy and to Hong Kong's development need not be rehearsed here. Container port operations in Hong Kong have matured over the last 40 years since the first three terminals in Kwai Tsing were commissioned in 1972-73. Many shore-side operations are now mechanized and computerized. During the same period, marine technology and sciences, like other streams of the sciences, have also progressed tremendously. Nowadays, vessels of very advanced technology and design are built to suit different needs.

In tandem with the developments in marine technology and engineering, which your institutions have been instrumental in promoting, the scale of port operations is also fast changing. The emergence of the new generation of ultra-large container ships takes port operations to another level. To enable the Hong Kong port to handle this new generation of container ships at all tides, we are taking forward a project to dredge, by 2016, the Kwai Tsing Container Basin and its approach channel from the present navigable depth of 15m to 17m. To maintain Hong Kong's competitiveness as a hub port, we are committed to providing supportive infrastructural facilities like this in a timely manner.

Maritime services and international maritime centre

Alongside the hardware development, we are mindful of the need to enhance and upgrade the software as well - by which I mean our institutional strengths, management systems and human resources. Our free port, simple tax regime, sound legal and judicial systems, and the free flow of information and capital are our long-standing invaluable assets fundamental

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to the development of a cluster of maritime services in Hong Kong – ranging from shipowning, ship management, ship chartering and broking, ship finance, maritime insurance, law and arbitration, to classification societies, as well as our Shipping Register in which we take great pride. The Register, now ranking fourth in the world, records a gross tonnage of over 78 million, doubled that five years ago.

It is not enough for us to maintain the status quo. We face growing competition from other international ports, and we have to grasp new opportunities opened up by the rapid economic growth in the Mainland as well as the global shift of economical activities to Asia. As always, we strive to do better.

Looking ahead, we see both opportunities and challenges: the growing consumer markets in Asia and the Mainland will continue to generate demands for shipping and maritime services. There is also unequivocal support by the Central People's Government as expressed in the National "Twelfth Five-Year Plan" for Hong Kong to consolidate and enhance its position as an international shipping centre.

The key question is how we should be going to take advantage of these opportunities. Different experts may have different answers, but to me one thing is certain: human resources are crucial to Hong Kong's continued success, and the provision of knowledge-based maritime services will be the key to our future development.

Nurturing talents

Hong Kong needs marine professionals to grow in numbers and excel in quality. We have been devoting much effort to attracting young people to join the industry as shore-based talents. For example, we have rolled out the Hong Kong Maritime Scholarship Scheme as well as the Academic Collaboration Scheme between the Dalian Maritime University and the University of Hong Kong to provide scholarships to local, Mainland and overseas students for master's-level maritime studies in Hong Kong.

IMarEST and RINA are internationally renowned professional institutions bringing together marine engineers, scientists and technologists, and their members are involved at all levels in the design, construction and operations of marine vessels and structures. The Hong Kong Joint Branch has been representing IMarEST and RINA in Hong Kong for over 30 years, with 300 members engaging in different sectors of the maritime industry. With your participation in promoting the Sea-going Training Incentive Scheme in recent years, your career talks help to attract youngsters to join the sea-going career. Since the introduction of the Scheme in 2004, we have enrolled more than 200 cadets. Some of them have obtained the Master Mariner or Chief Engineer Certificates. I hope that, with our concerted effect, we can soon see a strong team of local marine professionals joining our shipping industry.

Concluding remarks

Ladies and gentlemen, we have passed the stage where labour-intensive services were central to the maritime industry. In the new millennium, knowledge is the key to supporting high-value-added maritime services, which are in turn crucial to any international maritime centre.

Your organizations supply some of the finest professional marine experts in the fields concerned. The Government looks forward to working closely with the professional bodies like yours to groom even more talents for Hong Kong's growing maritime industry, so that the Hong Kong port can go from great to greater.

In closing, may I wish you all good health and success, and a memorable evening.

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The Engineer leading the future

The status of engineers is not well recognized all over the world as compared to lawyers, doctors and accountants. The Hong Kong institution of engineers has been working hard on this subject in order to raise the status of engineers in Hong Kong. On 24 Oct, 2012, Mr. Bhims Makhija gave the above subject talk at HKIE seminar room which attracted about 80 audiences.

Born in 1926, Mr. Makhija started his engineering career as a cadet on Training ship "Dufferin", Bombay, in 1940. Mr. Makhija was recruited by the crown agents in 1967 for service as surveyor of ships with the Hong Kong Government and subsequently enrolled in Her Majesty's Overseas Civil Service. He retired in 1986 as Principal Surveyor of ships. Mr. Makhija said that sustainability must now be our prime goal. Principally, it entails tackling the formidable challenges of population, energy, climate change and diminishing resources.

Barring population, which is a social issue, scientists and engineers alone have the knowledge, skill and the ingenuity to address them. Hopefully, with continue help from rapidly advancing technology and other initiatives they will lead us out of the abyss. Mr. Makhija stated that the early engineers laid the foundation of the world's future whose fruits we are now enjoying. Their ingenuity, their vision and their genius propelled them toward the twenty-first century and proved the way for widespread industrialization. The engineering pioneers helped to revolutionize commerce, industry and world history, they came up with ideas, managing them into reality and applied them to the marketplace. Engineering is the practical application of science and mathematics to meet human needs and solve their problems. Today, it is everywhere in the world around us. From our computer to the planes we fly on, the ocean-going ships to the nuclear power stations, the cell phones to the awesome medical devices, are all designed, built, operated and maintained by engineers. Essentially, engineering forms the link between scientific discoveries and their subsequent use by society.

Engineering is a broad field with numerous disciplines of study. Engineers may begin their career in a specific branch but because of the jobs they take on, they often become multi-disciplined through working in a variety of different areas. Many go on to broaden their education through graduate studies in business management.

The fastest job growth careers today involve computers and healthcare. The highest paid professionals are those in the medical and business fields. Interestingly, the occupations that bring in the most money are not the ones that produce highest job satisfaction. Engineers, in general are seen to be intelligent but occasional lacking social skills. Executives often reach top positions through natural career progression, rather than actively seeking them. Personal attributes are usually perceived as being more important than academic qualifications. As stated by Mr. Makhija, as engineers, to make a contribution at any stage of our life, we need to be continually updated on the latest developments in the profession. With globalization pushing people together, our common interest tend to converge and we are becoming more interdependent. The biggest impediments are the huge financing and polities, which must no doubt be overcome. Mr. Makhija said he had every confidence that the combination of innovative technologies and all-round support will lead us to our objective of sustained growth and worldwide prosperity in the future. At the end Mr. Makhija recalled by seeing a poster at an engineering works, inscribed, "The Impossible we do immediately, Miracles take a little longer."

Ir Tang Kai Fun

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"Sea" your future – *continue*

In our MARINA September 2012 issue, we talked about what skill and personal qualities a marine engineer should progress? In this issue, we talk about where do you see your career heading? If one wants to work in the marine industry, one should attain "Chartered status "so as to progress further within the sector.

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Who employs marine engineers? Employers of marine engineers include:

- Shipyards, boatyards and marinas
- Marine engineering firms
- Merchant navies (if you are not working in Hong Kong)
- The offshore oil and gas industries and mineral extracting companies
- Classification societies
- Marine consultancies
- Shipping companies
- Others

As for future prospects, it is possible for marine engineers to progress through the ranks, eventually to chief engineer / marine engineer officer. Different organization has different routes for engineering ratings / technicians to quality as officers or professional engineers. Once you are fully trained, there are career opportunities all over the world. Marine engineering skills can be adapted to other types of engineering.

And HKJB / HKIMT trust that by arranging more student career talks, more young students will join the marine field.

Ir Tang Kai Fun

Visit to INMEX China 2012 & World Shipping (Guangzhou) Summit

The INMEX CHINA 2012 organized by Seaport & Guangdong Provincial Government was held on 21 - 23 November 2012 at Guangzhou in conjunction with the World Shipping (Guangzhou) Summit at the time. HKJB of RINA & IMarEST, North East Asia Division of IMarEST and HKIMT were invited by GDSNAME

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Hong Kong Delegate attended the Opening Ceremony of IMEX China 2012

Delegate Photo taken at GDSNAME Stand

Delegate photo taken at Gala Banquet with GDSNAME Members

to attend both events and the Guangzhou Gala Night.

The delegate comprising 9 members from Hong Kong attended the opening of INMEX CHINA 2012 at Poly World Trade Conference Center Guangzhou 9:00 a.m. on 21 Nov. 2012 and followed by a tour to the Exhibition Hall to see various exhibitors.

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In the afternoon, the delegate also attended the China Green Ship Technology Conference and shared their experience & views with the Chinese Speakers and the audients. In the evening, the delegate also attended Guangzhou Gala Banquet and shared the joys with the members from GDSNAME. Beijing SNAME and others.

Reported By: Ir. Albert W S Lo

Problem solving–A different way of thinking

On 7 Nov, 2012, HKJB, HKIMT and HKIE-MMNC division jointly held the above seminar at HKIE, Dr. Greene was the speaker. Dr. Greene was formerly an associate professor at HKU.

He first explained to audience the right attitudes towards failures and accidents and that is "POSITIVE". Looking failures and accidents as an opportunity for improvement, through an investigation to understand:

- what happened
- how it happened
- and why it happened

Where to start an investigation and how to proceed, Dr. Greene stated that in order to have a good understanding of problem, one should first identify, select, implement and evaluate the effectiveness of the implemented solutions. And the final result is to improve safety, increase reliability and reduce disruptions so as to save time and money.

Problem solving must focus on the primary issue. It requires logical thinking and is supported by evidence as far as possible.

Group photo with Dr. Greene and committee members of HKJB, HKIMT and HKIE-MMNC division

Presentation of souvenir to Dr.Greene by Ir Y.M. Cheng – Chairman of HKJB

Dr. Greene also gave examples on how to proceed with the investigation on the pump failure, as well as by drawing tree charts, then one should has a better understanding of the root causes of the problems.

And we trust that such kind of problem solving can be applied to our daily life.

This seminar attracted more than 80 audiences to attend, and we hope that Dr. Greene could arrange another similar talk in the near future.

Ir Tang Kai Fun

Student Career Talk

On 20 Nov 2012, HKJB / HKIMT arranged another student career talk at HKPU. Four speakers were invited. They were Ir. K.K. Lo from HKPU, Captain Marso Law of Maritime Professional Promotion Federation, Mr. Roger C.K. Lee, examiner of M.D. and Mr. C.W. Lee, SSO of M.D. The opening speech was by the chairman of HKJB Ir. Y.M.Cheng.

Ir. K.K. Lo from HKPU explained the duties of an engineer working onboard a vessel and he/she should make use of the free time to work and study hard in order to be promoted to a higher grade. He also stated that engineers working onboard a vessel could have the chance to visit various countries and meet various nationalities of people in order to widen their view and knowledge. Another important thing is that it is a good career to save money as working onboard a vessel you seldom have any chance to spend money.

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Captain Marso Law stated that since the setup of the "Sea-going Training Incentive Scheme" in 2004, every year there is about 50 to 60 young students applying such a scheme. Right now it is the best time to work in the marine field or marine related field as 100% employment is guaranteed.

Mr. Roger C.K. Lee, examiner of engineers of HKMD explained to students the career path to become a certificated Marine Engineer Officers for Engineer cadets. He showed to students a video explaining the importance of international shipping on how shipping can promote world economic.

Finally, Mr. W.C. Lee, an HKU Mechanical Engineering student, a shipping safety officer and an ex-credet under the Sea-going Training Incentive Scheme shared his sea-going experience and the reasons on joining the seafaring career.

There were about 20 students attending the talk and HKJB / HKIMT continue to arrange such a talk to Hong Kong students for their understanding the benefit of being working onboard a vessel.

Ir Tang Kai Fun

Press Conference - 1st HK female to acquire ocean-going master mariner qualification on 3 January 2013

The Maritime Professional Promotion Federation (MPPF) and the Hong Kong Maritime Forum (HKMF) held a press conference on board the passenger vessel "Star Pisces"

Group photo - All Hong Kong Successful Mariners and Cadets

Ms Carmen Chan (Chief Officer) - On the wheelhouse "Star Pisces"

on January 3, 2013 to celebrate the 1st female in HK who acquired the Ocean-Going Master Mariner qualification and to promote the sea-going career at the same time. This event had attracted quite a number of local media organizations' reporters and photographers and public audiences to attend. Committee members of both HKJB and HKIMT were also invited by the organizers to attend this special event. The delegation led by the Chairman of HKJB – Ir Y.M. Cheng and Chairman of HKIMT- Ir Tang Kwong Fai together with Vice Chairman Ir Albert W S Lo, Council Member – Ir C. K. Mak went onboard to witness this remarkable moment. The press conference kicked off by Capt. Marso Law's opening introduction, followed by the speeches from Captain of "Star Pisces" and Capt. Tony Pui-Keung YEUNG – Manager of Maritime Services Training Institute.

The highlights of the moment came when Miss Carmen Chan - 1st HK female to acquire Ocean-Going Master Mariner Qualification, accompanied by Junior Engineer- Miss Lilian Chan & Captain Lothair Lam appeared at the press conference room. They shared with the audiences of their own sea-going experiences and challenges while working onboard the vessels. All the speakers expressed no regret to choose the sea going career as their starting point for entering the maritime profession and highly recommend the youngsters, no matter they are male or female, to join this highly rewarding, challenging & secure profession. After the conference, there was a free interview, photograph session on deck with the speakers and other sea-going Chief Officers and Second Engineers for the media, then a tour to the wheelhouse.

By Ir Albert W S Lo

New Members - HKIMT

The council have approved the following application as a full member of HKIMT Membership in the last council meeting:

Mr. Sandip Nandi, Mr. Liuren, Mr. Lee Wing Chung & Mr. Ng Ngai Wing

Before the joint technical meeting of "Problem Solving - A Different Way of Thinking" on 7 November 2012, HKIMT Vice Chairman Ir. Albert W S Lo presented their membership certificates and welcomed them to join us.

By Ir Albert W S Lo

Presented to Mr. Lee Wing Chung - HKIMT Member Certificate

Presented to Mr. Liuren - HKIMT Member Certificate

Presented to Sandip Nandi - HKIMT Member Certificate

A Note of Thanks

On behalf of Annual Ball Organizing Committee of HKJB of RINA & IMarEST andHKIMT, we express our heartfelt thanks to the following Table Sponsors for theirunfailing supports to our annual ball event:

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By Ir. Dr. Nelson Yu - Chairman of 2012 Annual Ball

All correspondence should be addressed to the Hon Secretary, Hong Kong Joint Branch of RINA and IMarEST, G.P.O. Box 2516, Central, Hong Kong. All matters pertaining to MARINA should be addressed to the above contact address.

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The Committee expresses its thanks to those organizations who place their advertisements in MARINA in supporting its communication role for the interest of the maritime professionals. Details on advertisement fees are obtainable from the Hon Secretary.

PHOTO GALLERY Annual Ball 2012

Group photo of committee members of HKJB/HKIMT

Welcoming our guests

Welcoming our VIP guests

Group photo of committee members with pipers/drummers

Group photo with pipers

Drummers in performance

A toast to our Head table VIP guests

Group photo among guests

PHOTO GALLERY Annual Ball 2012

Committee members with VIP guests

Committee members with VIP guests

Group photo of guests

Long time no see, enjoy meeting old friends

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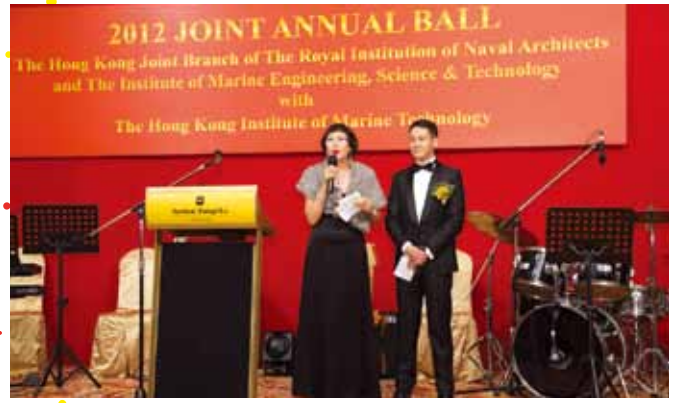
Dancing in full-swing



Our golden MCs – Annie Wan and Dick Kum

Dancing in action