



# 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

## IMAREST

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

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### HKJB & HKIMT Activities

#### International Conference on the Safe and Environmentally Sound Recycling of Ships (Hong Kong 11-15 May 2009)

This five-day Conference was attended by some 500 delegates from 63 nations at the Hong Kong Convention and Exhibition Centre. In the opening speech made by the Chief Executive of the HKSAR, he stressed that Hong Kong as an international maritime centre was a prime location for organizing this sort of mega international event. He congratulated the IMO and all its Member States on their work on reducing risk and improving efficiency of marine transport over the years. He said, "The Convention is another major step forward in a collective effort to make the shipping industry safer and more environmentally sound".

The Secretary-General of IMO, Mr. E.E. Mitropoulos, in his opening address, pointed out, "This is the first time in its history that the IMO convenes a Diplomatic Conference in Asia, a region the leadership role of which in shipbuilding, shipowning, shipmanning and ship recycling is recognized and duly appreciated worldwide". Asia's increasing participation in international trade and the impact she is having on the world economy, makes this Conference the more important.

Mr. Xu Zuyuan, Vice-Minister of Transport of the People's Republic of China, was elected as the President



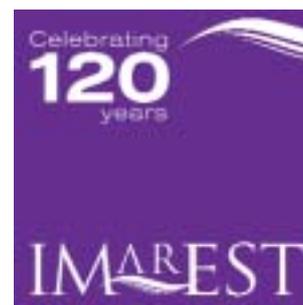
Members at the IMO Diplomatic Conference

of this Diplomatic Conference. He reminded Members that the draft text of the Convention was the culmination of careful debate and detailed consideration involving many stakeholders representing Government and industry and other interests from around the world. If the

Conference ends up with a successive conclusion, IMO will put in place an essential mechanism, with global reach, to reduce the environmental, occupational health and safety risks related to ship recycling in a consistent manner, while, at the same time, securing the smooth and orderly withdrawal of ships that have reached the end of their operating lives.

The draft Convention provides wide-ranging regulations in three broad fields. Firstly, it relates to the design, construction, operation and preparation of ships for recycling. Secondly, the operation of ship recycling facilities should be carried out in a safe and environmentally sound manner. Thirdly, an appropriate mechanism for ship recycling should be established and this includes surveys and certification, inspections and reporting requirements.

Mr. Mitropoulos said that shipowners and ship recycling facilities would have initial notification and reporting obligations. In addition, mandatory requirements will apply to ships sent for recycling with respect to the ready



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**SHIP REPAIRS**



*Members of HKJB and HKIMT at the Welcome Reception of the IMO Diplomatic Conference*

availability on board of an inventory of hazardous materials and of appropriate certification. Ship recycling facilities will be required to provide a Ship Recycling Plan and to issue a statement of completion. Associated with the new Convention will be a number of guidelines to assist in its uniform implementation, of which those concerning safe and environmentally sound ship recycling and establishment and maintenance of the shipboard inventory of hazardous materials are already being developed by the MEPC.

Mr. Mitropoulos also stated that the new Convention, which incorporates a Port State Control concept based on the no-more-favourable treatment principle, is drafted in a manner that ensures a level playing field for all interested parties, while, at the same time, respecting the global nature of shipping by advocating internationally applicable measures. He, therefore, hopes that all concerned and, in particular, flag and recycling States will utilize the opportunity the Conference presents to ensure that the new Convention will be widely accepted by shipowners and ship recycling facilities alike, thus providing the truly international, and single, regulatory platform needed to address safety, health and environmental issues in the disposal of end-of-life ships.

The Conference established a Committee of the Whole with the mandate to consider the draft Convention and the draft Conference resolutions. Under the capable and efficient leadership of the Committee chairman, Mr. Andreas Chrysostomou of Cyprus, the draft Convention and the resolutions were finally cleared and adopted by the Conference. Although there were a few simple but important issues, such as “500 gt” and “entry into force”, which delegates spent a lot of time in deliberation and

discussions, these issues were eventually agreed through compromise and consensus. Mr. Mitropoulos commended the delegates for their “strong willingness”, “fairness” and “consensus” to make the Conference a good success.

Australia made a statement, echoed by USA, at the Conference expressing its concern with the Convention’s treatment of non-Party recycling facilities which would ban trade between Parties and non-Parties that do not comply with the requirements of the Convention.

Greenpeace International and Friends of the Earth (FOEI) made very strong statements both at the Committee and the Conference and commented that the Convention is a “disaster status quo”. They considered that shipbreaking is currently one of the world’s most dangerous and dirty industries. Today, 80 percent of the world’s fleet of end-of-life ships is broken down by hand on the beaches of the world’s poorest countries, often by children. They strongly objected the beaching method of ship recycling.

The Conference expressed its profound gratitude and thanks to the Government and the People of the Hong Kong Special Administration Region of the People’s Republic of China for their valuable contribution to the success of the Conference and decided, in general recognition of this contribution, to designate the Convention adopted by the Conference as the: **HONG KONG INTERNATIONAL CONVENTION FOR THE SAFE AND ENVIRONMENTALLY SOUND RECYCLING OF SHIPS, 2009.**

We are proud of the Hong Kong SAR Government hosting this first Asian IMO Diplomatic Conference. This demonstrates and further strengthens Hong Kong

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as an international maritime centre. We would also like to express our sincere gratitude to Marine Department for inviting committee and council members of the HKJB and HKIMT to attend the Conference and to join all the social functions for the delegates.

(S Y Tsui)

### An interview with the Chairman of the Hong Kong Ship Owners Association (HKSOA)

HKJB/HKIMT were happy to arrange an interview with Mr. Peter Cremers, the chairman of HKSOA in the Anglo-Eastern Group Head Office on 22 May 2009. In spite of his busy schedules, Mr. Cremers was willing to spare more than an hour with the representatives from HKJB/ HKIMT – Ir Nelson Yu and Ir Tang Kai-fun.

We started-off by asking Peter regarding the strength of HKSOA. Peter said HKSOA has diversified memberships so they are very good vocal about their rights. Members help each other by sharing information to solve their problems which is particular important in the recent financial crisis.

And in the recent years, Chinese members did receive a lot of assistance and help from HKSOA and in return HKSOA needs help from the Chinese Navy regarding voyage security. Also HKSOA has a direct channel to contact the Maritime International Court to assist their members.



Peter's working area



Group photo

Cremers said in order to keep Hong Kong as a Maritime centre for ship management and ship brokerage, Hong Kong has to do everything by itself and do not rely on any help from the HKSAR. HK should make use of its existing advantages such as free port trade, low taxation, clean city and good legal frameworks.

Nowadays, if someone looks for international shipping business, one will go to Singapore; if someone looks for Chinese market, one will go to Hong Kong.

We asked Peter how he can release his stress from his busy works. He told us that he likes sailing during holiday. Regarding the allocation of time for HKSOA, he admitted that he can only spend about 2 to 3 hours work per week for HKSOA matters unless there are urgent matters for his decision making. For the day to day operation of HKSOA, it will be left to the executive director and his staff.

As the CEO of Anglo-Eastern Group as well, Peter spends most of his time for doing social and business activities.

Peter said shipping business is a truly global and round the clock business. Personal contact is one of the key factors in business operation. He suggested to young people for those like to meet people and want to widen their scope on international affairs, they should go for shipping business.

Finally, Peter agreed that there are opportunities for future co-operation between HKSOA and our Institution.

(Tang Kai Fun)

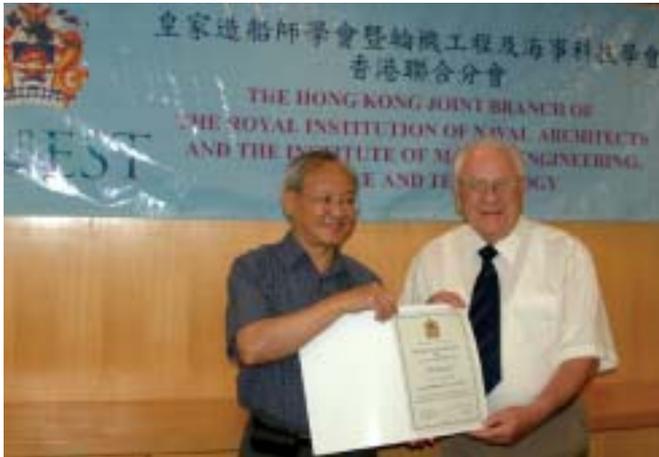
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### **55 Years RINA Membership Certificate Award**

On behalf of RINA headquarter, Dr. S. Y. Tsui – HKJB Chairman presented a 55 years Memberships Certificate to Mr. Alexander Nicoll Cowan, Fellow of RINA, at Harbour Club on 26 May 2009. HKJB Committee Members had witnessed the Award Ceremony and followed with a dinner with Mr. Cowan to celebrate his long membership with RINA.



*Dr. S. Y. Tsui presented a RINA 55 years membership Certificate to Mr. A.N. Cowan*

*(Albert Lo)*

### **Technical Talk on “Calibration of High Precision Length Standards” on 25-May-2009**

Dr. Francis SY Wong, from Standards and Calibration Laboratory presented a full spectrum of calibration of length standards which covers traceability and fundamental calibration techniques for length standards including end standards and line standards with an example of calibration of a micrometer head. The talk attracted 35 members to attend and Dr. Wong stressed that the high precision length standards are critical key elements to ensure traceability and quality of length measuring equipment to provide accurate measurement results, this should be made aware to more people thru proper education.

*(Albert Lo)*



*HKJB Chairman, Dr. S. Y. Tsui presented a HKIMT/HKJB memento to Dr. Francis SY Wong.*

### **HKIE – MMNC 30th Anniversary Annual Dinner**

Members of more than one round table from HKJB/HKIMT did attend the HKIE – MMNC 30th Anniversary Annual Dinner which was held on 7 May 2009 at the Grand Ball Room of Kowloon Shangri-La Hotel.

A total of 23 tables with participants came from various sectors enjoying a wonderful evening. Chairmen of HKJB/HKIMT were invited to be the guests of honour. All the participants received a copy of special supplement in Ming Po dated 7 May 2009 for celebrating the 30th Anniversary of the MMNC division.

We are proud that Ir Francis Law and Ir K S Szeto had been the past chairman of MMNC division and were awarded with an MMNC “medal”.

HKJB / HKIMT always support similar functions from other learned society in order to foster a closer relationship with them.

*(Tang Kai Fun)*



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### HKIE – MMNC Conference on “Advanced Technology in Transportation for a better environment”

To celebrate the 30th Anniversary of the HKIE – MMNC division, a major event was the conference on “Advanced Technology in Transportation for a better environment” which was held on 24 April 2009 at HKPU. Keynote speakers included Mr. Martin Dunn – General Manager (Procurement of Contract) of MTR Corporation Ltd, and Dr. Colin Brown – Director of Engineering Institution of Mechanical Engineers.

There were total 6 sessions, which included “Road Transportation I and II, Land Transportation – Noise and Environment I and II, Railway Transportation as well as Marine/Air Transportation. Other speakers came from various countries as well as from local HKSAR departments, academic sides and private sectors.

About 300 participants attended this conference. The chairman of HKIMT Mr. Ernest Chan did present a joint paper on “Environmental and Safety Aspects of High Speed Marine Craft”.

The overall objective of this conference is to raise the awareness of social responsibility from all parties involved.

*(Tang Kai Fun)*

### HKIMT – AGM 2009 held on 30 April 2009

The AGM was held on 30 April 2009 at the Harbour Club of the Hong Kong Marine Department (25/F, Harbour Building, Central District, HK) commencing at 19:00hrs.

A new General Council members for 2009/10 as well as Hon. Secretary, Hon. Assistant Secretary and Hon. Treasurer for the General Council 2009/10 were elected at the AGM.

Immediately after the AGM, the new Chairman (Mr. Nelson Yu), Vice-chairman (Mr. K. F. Tang) and Chairmen of the sub-committees were elected as well.



*Group photo of the New Council Members of HKIMT*

*(Tang Kai Fun)*

### Macau Maritime Seminar on 20 May 2009

As invited by the Macau Port Authority, a total of 7 members from HKJB / HKIMT arrived the Cotai Ferry Pier at around 11:00am. Mr. Hui Kit welcomed us and brought us to the Macau Tower to have a overview tour of the Macau city.

After the buffet lunch at the Macau Tower, Mr. Hui Kit brought us to have a quick tour to the Macau Port Authority which was a police station in 1874.

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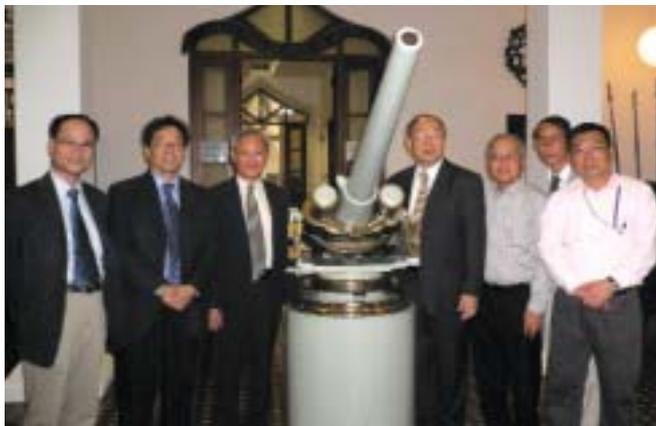
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Group photo after the seminar

The Macau Maritime Seminar started at about 4:00pm inside the Macau Maritime Training School which was situated opposite the A-Ma temple.

Opening speech was by the Director of Macau Port Ms. Susana Wong. She stated that marine education in Macau had a long history since 1790. By that time, examination of licenced pilot had been arranged by private sector and till 1815, the Macau Pilot School set the first pilot course. Till now, there have been more than 40 marine courses offered for interested parties to apply. Right now, the annual number of marine students is about 1000.



Group photo inside the lobby of the Macau Port Authority



Group photo in front of the Macau Port Authority

The first speaker was Mr. Y. L. Wong, the Principal of the Marine & Port Navigation College of the Canton Transportation Vocational Technical College. His subject paper is “Navigation Education and Crew Training in China”. Then followed by captain Tony Yeung, the Principal of Maritime Services Training Institute from Hong Kong, his subject paper is “Crew Training in Hong Kong”.

From the two speakers, we all understand that it is not easy to attract young people to join the maritime industry in today’s environment. The support from all parties is needed especially from the local authorizes.

(Tang Kai Fun)

### Student Career talks on 21 May 2009



Dr. Tsui

As learned society, HKJB/ HKIMT continue to arrange student career talks from time to time in order to attract young students to join the maritime industry.

On 21 May 2009 (Thursday), a student career talk was held at IVE Tsing Yi to about 50/60 students of the higher diploma in mechanical engineering.



Ir. Albert Lo

Experienced senior members such as Dr. Tsui, Ir. K. K. Lo, Ir. Albert Lo & Captain Marso Law from HKJB / HKIMT did share their maritime life experience to the students.

Also Ir. K. F. Kwan, examiner from Marine Department of HKSAR gave a brief introduction on the career path and prospects of certificated marine engineer officers and seafarers certification system. (for Engineer cadets)

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*Ir. K. F. Kwan*

All speakers stated that maritime professionals have the capability and flexibility to choose their works both at sea and on land.

For sea going career offers a fast track, tough training, eye opening opportunity and more reward in the early stage of their career development.



*Ir. K. K. Lo*

During the light refreshment period, speakers together with Captain Lam from Hong Kong Ship Owners Association gave further insights to the students and were happy to answer questions from the students.

HKJB / HKIMT trust that such an activity will continue to be arranged in order to promote the maritime industry to young students.

*(Tang Kai Fun)*



*Nearly full house attending the career talks*

### **Qualification Framework (QF) Consultation on Specification of Competency Standards for the Electrical & Mechanical Industry on 18/05/2009 at HKPU**

Representatives from HKJB / HKIMT Dr. Chuen and Ir Tang Kai-fun did attend the briefing on the qualification framework (QF) consultation on specification of competency standards for the electrical and mechanical industry which was held on 18 May 2009 at HKPU.

Consultation committee on specification of competency standards for the electrical and mechanical industry was set up in 2005 by the Hong Kong Education Department. The purpose to set up this qualification framework as stated by the Education Department is to

assist the people of Hong Kong the right direction to further their studies in order to obtain the required qualification. At the end, the quality of workforce in Hong Kong can be raised to a higher level and be more competitive.

Till now, specification of competency standards had been drafted for five types of E&M industries, they are: –

- Fire fighting industry
- Gas industry
- Air-conditioning industry
- Waterworks industry
- Railway E&M industry

The remaining five types of industries are now under consultation during the period from 15 April 2009 to 14 September 2009, these industries include:–

- Aircraft maintenance engineering
- Electrical engineering
- Lift and escalator engineering
- Workshop mechanical engineering
- Shipbuilding repairing engineering

During the Q&A session, a lot of questions had been raised which showed that the set up of the seven levels of qualification framework (QF) still has a lot of inter-related matters to be solved.

*(Tang Kai Fun)*

### **Dragon Boat Race on 16 May 2009 at the Government Dockyard**

The 2009 Dragon Boat and colour boat race was held on 16 May 2009 (Sat) at the Government Dockyard.

There were total 4 main class of MD official cup competition and one Friendly Learned Society Cup Race.

- Colour boat invitation race
- Departmental race within MD
- Professional grade race within MD
- Mid-length dragon boat invitation race
- Friendly Learned Society Cup race



*Group photo*



*Dragon in action*

HKJB /HKIMT joint team took part in the main colour boat invitation race and contributed manpower to the Learned Society Team for the mid-length dragon boat race. In the Learned Society Cup Race, HKJB/HKIMT team was narrowly defeated to come to 3rd place, but enjoyed a wonderful social activity. The weather on that day was fine with occasional batches of shower. Free drinks and snack were provided throughout the racing period. After the race, members of HKJB/HKIMT together with other learned societies' members had a buffet lunch inside the Government Dockyard. We all enjoyed a wonderful day and we are looking forward for the same function next year.

*(Tang Kai Fun)*

## Coming Events / Activities in 2009

- 15th July, 2009  
Technical Seminar on “Ship Recycling Convention 2009”
- 18th July, 2009 (Sat.)  
Technical visit to lifeboat factory “Fassmer – Marland Ltd” and Jinhui Shipyard in Zhongshan, China
- 12th Sept., 2009 (Sat.)  
One day seminar and special activity in Guangzhou with GDSNAME
- Oct., 2009  
Technical meeting
- Nov., 2009  
Career talk to students of Engineering from local universities of HKPU
- 20 or 27 Nov., 2009  
Annual Ball
- Nov., 2009  
Marintec China 2009 Conference and Exhibition in Shanghai

### **HKIMT Council 2009/10,**

#### **Office Bearers**

	<u>Phone no.</u>	<u>Fax no.</u>
Nelson YU Chairman	2997 6828	2997 6838
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LO Albert Hon Secretary	6282 3255	2573 6966
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TANG K.F. Hon Treasurer	2975 6433	2517 6853

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, or by facsimile to Fax no. (852) 2573 6966. All matters pertaining to MARINA should be addressed to the above contact address.

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(Fax: 2436-1707 Hon Secretary Email: ksfung@vtc.edu.hk)

No. Name	HKIMT Post	Organization / Post	Fax No.	Tel-1 No.	Tel-2/Mobile	E-mail Address
1. Mr. M.H. LIANG	Hon. President	Island Navigation Corporation Int'l Ltd. / Director	2511 1550	2877 2182		liangmh@isnav.com
2. Mr. Francis LAW	Vice Hon. President	Shun Tak China Travel Shipping Invest. / Director SCCD	2559 6471	2745 2603	9034 2603	francisl@turbojet.com.hk
3. Mr. YU Kam Cheong, Nelson	Chairman	Associated Professional Engineers Ltd. / Director	2997 6838	2997 6828	9199 8876	nelsonyu@apel.com.hk
4. Mr. TANG Kwong Fai	Vice Chairman	Labour Dept, BPV Div., HKSAR, Surveyor / BPV	2517 6856	2517 0875	9729 8828	s-bpv-s@labour.gov.hk
5. Dr. K.S. FUNG	Hon Secretary	HK IVE (TsingYi), Dept of Eng, Senior Lecturer	2436 1707	2436 8775		ksfung@vtc.edu.hk
6. Mr. HUI Kit	Hon Treasurer	Capitania Dos Portos / Marine Advisor	3851 1936	6404 8613	(853) 6616 7266	huik@marine.gov.mo
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8. Mr. Ernest W.K. CHAN	Imm.Past Chairman	Marine Police HQ, HKPF, Supt. of Police	2886 4995	2803 6195	9432 0433	ernestchansp@hotmail.com
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11. Mr. S.F. HO	Council member	HOSF and Porters / Consultant			9100 8827	hoshiufai@netvigator.com
12. Capt. Marso LAW	Council member	Hong Kong Pilots Association / Executive Director	2803 0859	2803 0840	9427 8438	marso@netvigator.com
13. Mr. Albert W.S. LO	Council member	Good Int'l Marine Services & Consultants Ltd. / Consultant	2573 6966	2345 6382	6282 3255	albertlows@hgcband.com
14. Mr. K.L. LUI	Council member	Marine Dept., PSC,HKSAR / Surveyor		2563 6833	91598068	ttokll@netvigator.com
15. Mr. C.K. MAK	Council member	HK IVE (TsingYi), Dept of Eng / Senior Lecturer	2436 1707	2436 8764	9456 7313	ckmak@vtc.edu.hk
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