



# 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

Vol 4: DECEMBER 2004

## Shipping & Maritime News

### Merchant Shipping (Local Vessels) Ordinance

#### – An Update

The arrangement details for outsourcing survey work of low risk locally licensed vessels under the new Local Vessels Ordinance (LVO) was presented and endorsed by the Provisional Local Vessel Advisory Committee (PLVAC) in the recent meeting. Hong Kong Institution of Engineers (Mechanical, Marine, Naval Architecture and Chemical Division), Hong Kong Institute of Marine Technology and the Joint Branch of RINA and IMarEST were either represented at the Working Group on RPE authorization or at the Technical Sub-committee of PLVAC.

#### Background

In early nineties, the Committee had endorsed recommendations suggested in the local craft review consultancy study report, which included, inter alia, delegation of safety survey work of low risk local vessels to recognized classification societies. The Committee then further endorsed extension of the delegation scheme to Registered Professional Engineers (Marine & Naval Architecture) and relevant Mainland inspection authorities.

The licensing and survey requirements for different classes and types of local vessels are stipulated in various regulations made under the LVO such as the Merchant Shipping (Local Vessels) (Safety Survey) Regulation and the Merchant Shipping (Local Vessels) (Certification and Licensing) Regulation as well as Codes of Practice made therein. It is expected that the LVO will enter into force in 2005.

#### Delegation of Survey

According to provision 7 of the LVO, the authorization of surveyors of their suitability covers consideration on their qualification, discipline of work, training, experience,

skills and knowledge etc. that are relevant to the works and duties of an Authorized Surveyor. The procedures and criteria for the authorization including monitoring etc. will be documented.

According to the record of the PLVAC meeting, a document on “Authorization of Surveyors for Survey of Local Vessels – (Application Requirements and Monitoring)” was proposed. This document spelt out the essential information on qualification, experience, application requirements, avoidance of conflict of interest and monitoring outlines etc. for interested applicants’ reference.

An Assessment Panel of the Marine Department will assess the application and should the submitted documentary evidence have found fulfilled the requirements, the Director of Marine will issue a “Letter of Authorization” to the applicant together with a document of “Conditions of Authorization”. The delegated survey work scope would also be specified.

#### Competent Examiner

A previous consultancy study pointed out the needs in enhancing shipboard safety on cargo lifting equipment etc.. Under LVO, the initial and periodic examinations of lifting appliances are required to be conducted by

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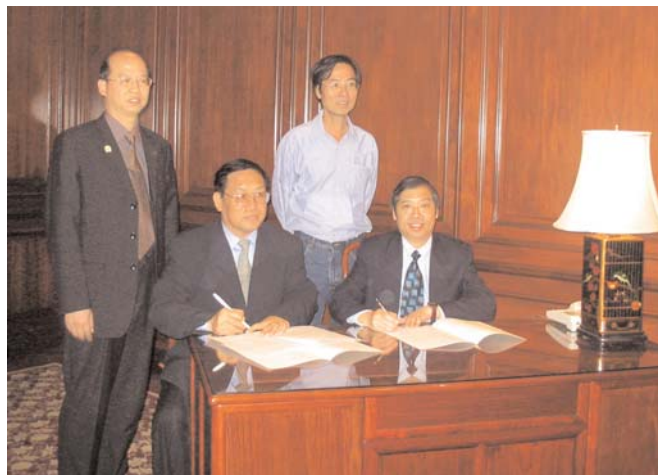
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competent examiners who are either RPEs of relevant disciplines or surveyors of recognized classification societies with relevant qualification and experience. Details are stipulated under Merchant Shipping (Local Vessels) (Works) Regulation.

#### *References*

Readers who would like to know more about the delegation of survey work by the Marine Department may visit its web-site at [www.mardep.gov.hk](http://www.mardep.gov.hk) and the above information are available under "About us – Advisory Committees" in PLVAC papers.



*HKJB Chairman signing MOA with GSNAM*

## **Coming Events 2005**

*(Details are posted in web-site when finalized )*

- 22 February – AGM of HKJB of RINA & IMarEST
- 25 February – Joint “*Spring Dinner*” at Macao Jockey Club, Shun Tak Centre
- 30 March – Technical Talk on “*Automated External Defibrillator (AED) – A Safety Equipment in Marine Environment*”
- April – AGM of HKIMT
- April – Technical Talk “*Briefing on new Local Vessel Ordinance and Survey Arrangement*”
- 11-13 May – *International Maritime Expo China 2005* with Technical Forum (Guangzhou China )
- 26-28 May – *Seaport China 2005* with Technical Forum ( Shenzhen China)
- June – Technical Seminar on: “*Green Combustion and new Marpol Requirements*”

## **HKIMT & HKJB News**

### **Memorandum of Agreement – A closer tie with GSNAM**

The Hong Kong Institute of Marine Technology (HKIMT) and the Hong Kong Joint Branch (HKJB) have separately signed a Memorandum of Agreement (MOA) with the Guangdong Society of Naval Architects and Marine Engineers (廣東造船工程學會) (GSNAME) on 20th November 2004 in Hong Kong.

The two MOAs were valid for 4 years and have the objectives that the signatory institutes or societies would explore various matters pertaining to the future relationship including:



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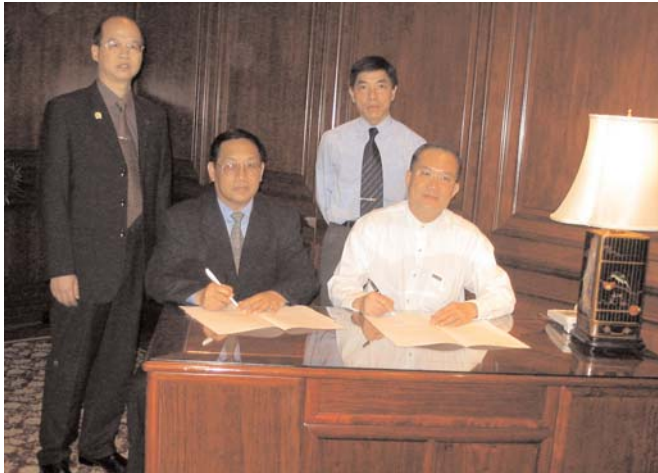
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*HKIMT Chairman signing MOA with GSNAME*

- cooperation in the professional areas and the advancement of technical knowledge,
- liaison and seeking of means and avenues to advance the relationships with each other for future long standing and closer ties as may be possible, and
- assistance of each other in fostering the reputation and professional standing in such manner as to create and further the bonding between them.

The signing ceremonies were held at the Yee Tung Heen of the Excelsior Hotel in Hong Kong. Yee Tung Heen, a modern Chinese restaurant with its walls adorned by dramatic artworks and famous for award winning cuisine, was the ambience that made the perfect venue of the occasion.

The delegation from GSNAME was lead by Chairman Mr. HU Guoliang (胡國良) and comprised of Secretary General Mr. HONG Heping (洪和平), Vice Chairman Mr. HE Xing (何興) and Mr. HE Weijia (何偉佳). Ms. QIN Saizhen (秦賽珍), the Director of the Guangdong Branch of the China Society of Naval Architects & Marine Engineers was also among the delegation.

HKIMT Chairman Mr. Ernest W.K. CHAN and HKJB Chairman Mr. H.K. LEUNG, under the witness of their

respective Council's members including Messrs. S.F. HO, Michael K.F. LEE, Nelson YU, Alan TSANG and K.F. TANG, each signed a MOA with the GSNAME Chairman Mr. HU.

*Reported by Mr. S.F. HO*

## **The 11th AGM of the East Asia Division of the IMarEST**

The 11th Annual General Meeting of the East Asia Division (EAD) of the IMarEST was held at the National University of Singapore on 5 November 2004. Mr. Alan C.M. TSANG of the HKJB represented Hong Kong at the AGM.

The meeting being chaired by Mr. K.S. SZETO, President of the EAD commenced in the afternoon of 5 November 2004. The meeting was very grateful to have Mr. Keith READ, Director General of IMarEST to be able to present himself at the meeting. Among the delegates Mr. K.T. LIM and Mr. C.K. YEO represented Malaysia whilst Mr. HARSONO and Mr. PRANATA represented Indonesia. The representative from Singapore was Dr. Y. S. CHOO. Mr. David KINRADE from Singapore was the EAD Secretary. The meeting was conducted smoothly and all Branch representatives



*EAD delegates group photo*



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reported to the meeting their respective activities. There were also useful deliberations on EAB matters and representatives offered constructive views and comments where the EAB would seriously consider. The meeting adjourned at about 19:00 hr on the same day.

After conclusion of the meeting a visit to the Keppel Taus Shipyard was arranged in the following morning. Mr. Charles FOO, Managing Director (Special Projects) warmly welcomed the representatives. A brief introduction about the shipyard history, product range and the shipyard strategy was presented. It was revealed that Keppel Shipyard had adopted the "Near Market – Near Customer" strategy and it explained why this Shipyard had taken over many other shipyards in many strategic locations around the world. The discussion with Mr. FOO on shipbuilding industry after the presentation was also very interesting and enlightening. A tour around the shipyard was then arranged after the discussion.



*EAD delegates visiting Keppel Taus Shipyard*

In the evening all representatives were invited to the Annual Conversazione of Singapore Joint Branch at the Republic of Singapore Yacht Club. Mr. K.S. SZETO and Mr. Keith READ were invited to address the local members. In addition two 45-year long service membership certificates were presented to two of the Singapore Branch members and one of them was Mr. Charles FOO, Managing Director of Keppel Taus Shipyard. Each EAB representative was also presented with a wooden plaque of the Singapore Joint Branch as souvenir. All representatives enjoyed the delicious food and members made use of the dinner gathering to share their experience and recent developments..

*Reported by Mr. Alan TSANG*

### **2004 ANNUAL BALL**

#### **JOINTLY ORGANIZED BY THE HKJB OF RINA & IMarEST WITH HKIMT**

The 2004 Annual Ball jointly organized by The HKJB of RINA & IMarEST with HKIMT had been held at the splendid Ballroom of Sheraton Hong Kong Hotel, Tsimshatsui on Friday 19 November 2004. The function was a great success with a full house of 24 tables.

We have great honour to have Mr. M.H. LIANG, Chairman of Island Navigation Corporation International



*Ball MCs warmly welcoming guests*



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*Committee members with Dr. Raymond HO, Legislative Councilor*



*Committee members with Ms. Miriam LAU, Legislative Councilor*

Ltd. as the Guest of Honour for the function. Other VIP guests included Mr. Roger TUPPER, Deputy Director of Marine, Ms. Miriam LAU, Legislative Councilor for the Transport Functional Constituency, Ir. Dr. Raymond HO, Legislative Councilor for the Engineering Functional Constituency, Mr. Raymond FAN, Deputy Secretary for Economic Development and Labour (Economic Development), Ir. K.S. SZETO, President of IMarEST for East Asia Division, Mr. WONG Choi Fat, Director of Maritime Training School of Macau SAR and Mr. HU Guo Liang, President of Guangdong SNAME to attend the Ball.

The Annual Ball this year was an enjoyable one. We were very pleased to have solicited 24 tables, which made it a grand function for members and guests. It was the Seventh year we introduced "Dinner Sponsor" for the function. The fact that we were able to solicit 17 Dinner Sponsors well demonstrated that we had enormous support from the Maritime and related industries in Hong Kong.

The venue for the function was nicely decorated with table prizes and bottles of wine, creating the mood for relaxation and enjoyment. Reception was nicely set with committee members greeting VIPs and guests. Members and guests enjoyed pre-cocktail drinks in a relaxing atmosphere with light music and friendly talks.



*Action at the head table*

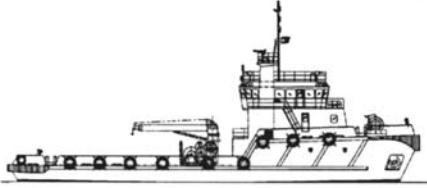


*A toast from the committee members*

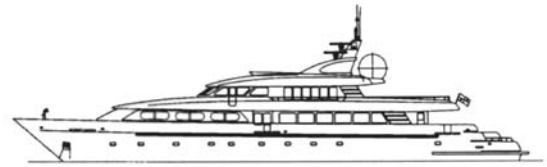


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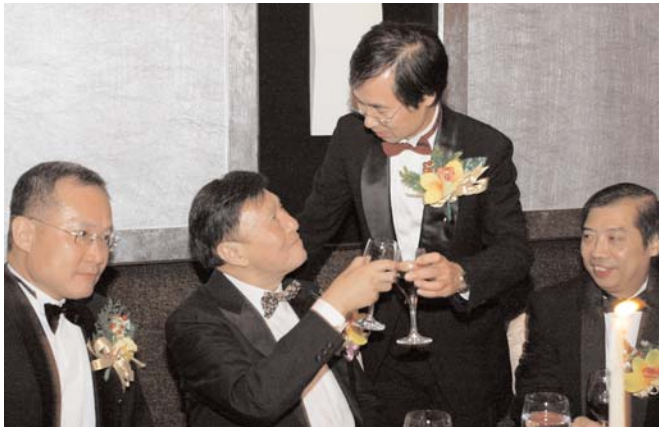


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*A toast to Mr. M.H. LIANG, the Guest of Honour*



*Guests on the dance floor*

The Programme for the Annual Ball this year was substantial and entertaining. Our Guest of Honour Mr. M.H. LIANG gave us an overview on the development of maritime industry in Hong Kong and he also emphasized the importance of Government's role in further enhancing the development of the maritime industry and spelt out areas required attention. Important speeches were also made by Mr. H.K. LEUNG, Chairman of HKJB and Mr. Ernest CHAN, Chairman of HKIMT. In order to show our appreciation for the unfailing support of our Dinner Sponsors, each of them were presented with a big bottle of red wine. All council members of the HKJB of RINA & IMarEST and HKIMT were invited to proceed onto the stage to propose a toast to all members and guests to thank them for their participation and support.

Table prizes were arranged in addition to the Lucky Draw which brought more joy and happiness to the whole party. The 4-course dinner was delicious and well received. The superb singing performance by Ms Susan GUTERRES brought us back to the seventies and all members and guests enjoyed themselves immensely in rock & roll, disco, cha cha cha, slow waltz, drinking & socializing until the whole function finished at around 1:00 am.



*A happy prize winner*

I would like to take this opportunity to thank all members of the Ball Organizing Committee – Mr. H.K. LEUNG, Mr. Michael LEE, Mr. K.F. TANG, Mr. C.K. MAK, Mr. K.S. SZETO, Mr. Alan TSANG, Dr. K.S. FUNG, Mr. Ernest CHAN, Mr. David POWER and Mr. Laxman KUMAR for their hard work and support. I must thank all council members, especially Mr. Francis

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LAW for his advice and to Ms. Annie WAN and Dr. C.W. CHUEN in particular, as M.C.s. To all our Dinner Sponsors, Gift sponsors and participants who have contributed to make the event a great success, please accept my grateful thanks & appreciation again !

For those who have attended the annual ball this year, I am sure you would continue to support the function next year and for those who have missed the function, please come and join us for great fun next year !

*Reported by Ball Chairman Mr. Nelson YU*

**Special Thanks to the Dinner Sponsors**

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## Article of Leisure

### Dr. Diesel, Diesel Engine (Part 2)

*(In this issue, Ir. K.F. Tang will share with readers his brief analysis of factors that might have contributed to Dr. Diesel's cause of death and advice to engineers who may be working under increasing stress in today's workplace.)*

There are five factors for stress, namely, autonomy, perspective, belonging, tone and change.

The author believes that Dr. Diesel had no problem in autonomy and perspectives. He might have problems in belonging, tone and change.

**Autonomy** – Engine makers lined up to sign contracts with him to build his engine, he should have free hand to do his work.

**Perspective** – He had belief that there should be better way to use the energy from the fuel that most efficient steam engine used. He had clear direction to carry out his research and work.

**Belonging** – When his theory was severely criticized by the German engineering journals, he might have a feeling that he was deserted by his fellow German engineers. If one loses sense of belonging to a group, one should talk to someone he trusts or seek psychiatrists' advice.

**Tone** – He worked too hard. He established a company called General Diesel Corporation to manage the explosive growth of diesel engines in 1898. Shortly after establishing his company, Dr. Diesel was diagnosed with nervous exhaustion and required hospital treatment. In modern stress management, one must balance rest with work and do exercise every day. A strong body can resist stress better.

**Change** – His father was a leather worker and Diesel was born in a lower class family. He became a millionaire by selling his patents. But soon, he lost 300,000 marks in investing an oil development project. Similar stories happen today. Social workers have found that many winners of Mark Six suffered from some form of depression. It is not uncommon that many speculators suffered from metal breakdown after losing big money in stock market and estate investment. When one feels unhappy after gaining or losing a large

amount of money, or unable to adapt some sudden changes, one should seek assistance from psychiatrists or social workers.

#### **Conclusion**

No matter what was the cause of death for Dr. Diesel, the world had lost a brilliant engineer. It is pathetic that this genius engineer suffered from depression that was likely caused by improper stress management. In modern days, engineers are more susceptible to suffer from stress than in Diesel's time. Fortunately, we have a better understanding of stress management today. There has been virtually no argument that engineers should take continuous professional development (CPD) in business subjects such as presentation skills, marketing, etc. It appears from the short life of our great engineer, Dr. Diesel, our CPD should also include fitness training and stress management.

*By Mr. K.F. TANG*

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