



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

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

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香港海事科技學會  
THE HONG KONG INSTITUTE OF  
MARINE TECHNOLOGY



Hong Kong Institution of Engineers

Mechanical, Marine, Naval Architecture and Chemical Division

**\*\* Notice of Joint Seminar\*\***

**Half-Day Seminar on “Ship Design and Shipbuilding in China”**

1. **Title: “The development of Shipbuilding in China – a Naval Architect’s Overview”**

**Synopsis:** The paper provides a general overview on the development of shipbuilding industry in China over the last 30 years and the author’s involvement in respect of ship design development for the 65,000dwt Jiangnan Panamax, known as “China Panamax” as well as Shanghai Waigaoqiao 175-177,000dwt Capsized Bulk Carrier, known as “Green Cape”, two of the most successful series of Bulk Carrier produced by Chinese Shipbuilding Industry with more than one hundred built for each type. Dr. Cheng will also present an prospective of the Chinese Shipbuilding Industry for the next decade with China leading the world not only in quantity but also in quality and technology in shipbuilding.

**Speaker: Dr. Peter J.S. Cheng**, Ph.D., FRINA, FIMarEST, MSNAME, C. Eng. Managing Director of Peter Cheng Naval Architect & Marine Consultant Ltd.

Dr. Cheng received both his First Class Honour Degree in Naval Architecture in 1954 and Ph.D. in 1956 from the University of Glasgow, Scotland. He is a renowned naval architect in Hong Kong and Mainland China for over 40 years. He was the Managing Director of Ping An Steamship Co., (HK) Ltd., Hong Kong from 1960 – 1988 in managing various types of vessels, especially bulk carrier and responsible for all technical matters including construction of Newbuildings. Dr. Cheng is the Managing Director of his current company since 1963 engaging on newbuilding design approval, consultancy and ship supervision. Dr. Cheng has been the Chairman of the HK Technical Committee of the Lloyd’s Register of Shipping and NK Classification Society since 2000 and 2001 respectively. He has also been the Member of HK Technical Committee of American Bureau of Shipping since 1999. Dr. Cheng was awarded an MBE for services to the HK Shipping Industry and the establishment of HK Registry. He also received the Hong Kong Marine Department Award for Special Achievement in Ship Design in Feb. 2005. In March 2007, he was awarded the honorary title of “Contriver of the SWS Cape Bulk Carrier” by the Shanghai Waigaoqiao Shipbuilding (SWS) Co. Ltd China for his contribution to the design of the most successful series of 175,000 and 177,000dwt Capesize Bulk Carrier, for which SWS received a total of more than 150 order for the series.

2. **Title: “Ship Design and Shipbuilding in China (Ship Owner’s View)”**

**Synopsis:** The aim of this paper is to share the author’s experience on new ship building in China since 1980s. The author had witnessed the rise of shipbuilding industry in Japan, Korea and China successively in the

1960s, 1970s and 1980s. Communication barriers existed among different departments of the shipyard as well as the lack of qualified and experienced workers and engineers are factors affecting the shipbuilding industry in China nowadays. This paper touches upon how the inefficient ship building practice has been existed and how hard the owner's site supervisors have to work to maintain reasonably good condition of the new building at time of delivery.

**Speaker: Mr. H.P. Kwong**, C.Eng, FIMarEST, RPE, DMS, PCEd, M.Ed. (EAM &SEN), Assistant General Manager, Southfleet Consultants Ltd.

Mr. Kwong completed his apprenticeship at Hong Kong & Whampoa Docks in 1955 and continued his service till 1964. He then joined World-Wide Shipping as new building inspector and obtained his C. Eng status in 1967, Fellow of I. Mar. E. in 1973. Mr. Kwong was promoted to Tech. Director in 1981 and later took up the school principal job at the Hong Kong Sea School from 1990 to 1995. Currently, he is the Assistant General Manager of Southfleet Consultants Ltd. overseeing all new building projects ranging from 870 TEU container carrier through Panamax bulk carrier to 180,000 dwt bulk carrier and 305,000 dwt VLCC in China, Korea and Japan.

### 3. Title: "Ship Construction in China"

**Synopsis:** China is fast progressing in the world economy and is widely believed to surpass Japan as the number 2 in the world. This is contributed by the shipbuilding industry which is one of the major pillar in support the ambitious plan of the central government. The role of classification societies play is vital to the healthy development of the shipbuilding industry in China. This presentation provides an insight on what Lloyd's Register has observed, what difficulties that the Chinese shipbuilding industry has faced, what are the major challenges, and what assistance LR is providing.

**Speaker: Mr Alan W. Sharp**, MSc., C.Eng, MIMarEST, UK Class I Marine Engineer Certificate of Competency, Principal Surveyor and Area Manager South China, Lloyd's Register Asia.

Mr. Sharp commenced his career as an Engineer Cadet in UK Merchant Navy in 1978 with Blue Star Ship Management and remained as a seagoing engineer officer until 1995. During his sea service he worked for several shipping lines with his last 5 years as an engineer officer in the Shell Tanker fleet. He came 'ashore' in 1995 and joined Lloyd's Register of Shipping, Edinburgh Office as a Surveyor. Since then, has seen service with LR in Vietnam, London HQ, South Korea and currently China. During that time he has been involved with marine equipment and components surveys, ships in service and repair surveys, new construction surveys including LNG Tankers (conventional, Qflex and Qmax), VLCC, Cape Bulk Carriers, Aframax Tankers and statutory plan approval and consultancy.

Mr. Sharp was promoted to Senior Surveyor in 1999 whilst serving in Ho Chi Minh City, Vietnam; Senior Surveyor in Charge of DSME Okpo office in 2006 whilst serving in South Korea and Principal Surveyor in 2009 whilst serving in Guangzhou, China.

He took a one year sabbatical in 1994-5 to study full time for the UK Engineering Council Part 2 Examinations (C.Eng) and in 2001-2 full time for an MSc. at Glasgow/Strathclyde University.

**Date: 25 September 2010 (Saturday)**

**Venue: HKIE, 9/F Island Beverley, No.1 Great George Street, Causeway Bay, H.K.**

**Time: 9:30 a.m. to 12:30 p.m.**

#### **Registration & Enquiries :**

This seminar is free of charge and prior registration is required on first-come-first-served basis. On-line registration via HKIE-MMNC website at <http://www.hkie-mmnc.org> is available or by return of the following slip. CPD certificates will be available on request. For enquiries, please contact Ir YM CHENG by email at [yimingcheng@gmail.com](mailto:yimingcheng@gmail.com).

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#### **Registration / Reply Form**

( Email: [yimingcheng@gmail.com](mailto:yimingcheng@gmail.com), or Fax: 2542 4841)

Please reserve one seat for me to attend the Seminar event on **25 September 2010 (Saturday)**

Name : \_\_\_\_\_

Membership No.: (HKIE / HKIMT / IMarEST / RINA) \_\_\_\_\_ Others (please specify) \_\_\_\_\_

Signature: \_\_\_\_\_ Tel : \_\_\_\_\_ Fax : \_\_\_\_\_

Email : \_\_\_\_\_ Company Name: \_\_\_\_\_

Date: \_\_\_\_\_