

SINGAPORE PAVILION AT SMM 2012

For the second time, ASMI organised a Singapore Pavilion at the world's largest maritime trade show - Shipbuilding, Machinery and Marine Technology (SMM) exhibition in Hamburg, Germany. The four-day exhibition was held from 4 to 7 September. Singapore's collective participation at SMM 2012, its 25th edition, was supported by International Enterprise Singapore.

The biennial exhibition organised by Hamburg Messe und Congress was officially opened by Dr Philipp Rösler, Germany's federal minister of economics

Being one of the world's leading trade fair, SMM is a must-attend event for many. Despite times of economic difficulty, the visitorship remained strong at more than 50,000 over the four-day exhibition.

SMM 2012 was spread over 90,000 sqm of exhibition area, with a total of 2,100 exhibitors from over 60 countries. There were 23 national pavilions this year. They were set up by Argentina, Austria, Belgium, Bulgaria, Canada, China, Croatia, Denmark, Holland, Finland, France, Germany, Italy, Japan, Korea, Norway, Romania, Russia, Singapore, Spain, Sweden, Turkey, United Kingdom and United States of America.

Singapore Pavilion was located on the upper floor of Hall B4 and occupied a total of 207 sqm. There were 12 companies in the pavilion, presenting a diverse range of services. They comprised shipyards and companies dealing in instrumentation solutions, water separator and filtration systems and piping systems. Also present in the Pavilion were those doing repair of deck machinery and onboard systems, manufacturing of ventilation fans, winches, air tools, ropes, lifeboats

and turbine and rotary equipment. There were also companies providing tailor-made products and turnkey solutions for heating, ventilation, air-conditioning and refrigeration, production and supply of galley, mess room, laundry and stainless steel furniture and marine logistics.

SPRING Singapore organised a business mission in conjunction with Singapore's participation at SMM 2012. The mission programme included a visit to SMM to learn the latest technologies and practices in the maritime industry and explore new products and solutions for resource optimization to boost productivity. Business meetings were also held for the delegates to explore and discuss potential collaborations with foreign marine players.

A tea reception was held on 5 September for exhibitors and their business associates to gather at the Singapore Pavilion for networking. The reception, hosted by SPRING Singapore and ASMI, was attended by some 100 guests and exhibitors. It was an effective networking platform for exhibitors and mission delegates to meet both existing customers and associates as well as potential business contacts.



and technology on 3 September at the Congress Centre Hamburg. The exhibition was supported by a number of German government agencies and local trade organisations. They included German Shipbuilding and Ocean Industries Association, German Engineering Federation, Association of Marine Engineers, Hamburg and German Shipowners' Association.



Singapore Pavilion at SMM 2012

Networking Session at Singapore Pavilion

WORKSHOP ON ELECTRICAL SAFETY IN MARINE INDUSTRY

A Workshop on Electrical Safety in Marine Industry was held on 25 July to heighten awareness on working safely with electrical equipment. The half-day session was attended by 113 participants mostly engineers and technicians from various shipyards and their contractors.

The workshop kicked off with a presentation from guest speaker Mr Salleh Waren, Senior WSH Inspector from the Occupational Safety and Health Division. He illustrated the salient points of the WSH Regulations relating to electrical safety using several accident cases as examples.

The second presentation was delivered by Mr Murzed Marsuki, Assistant Section Manager from Keppel FELS on Working Safely with Electrical Equipment. He shared his shipyard's practices and work procedures in promoting electrical safety. Mr Lewis Peh, Senior HSE Officer of Keppel FELS then took the audience through a few industrial accidents involving the use of electrical equipment.

This was followed by a group discussion on accident case studies, facilitated by Mr Peh. He was assisted by a team of facilitators comprising Senior WSH personnel from the major shipyards. The participants were asked to identify the root causes and lessons learnt from the cases. Representatives from various groups then presented and shared their group's findings with the audience.

The workshop was useful in highlighting awareness on the common causes of electrical accidents and measures to be taken to ensure safety in working with electrical equipment.



Group discussion on accident cases related to Electrical Safety

ASMI LAUNCHED MASTERCLASS SERIES WITH HYDRODYNAMICS IN OFFSHORE DESIGN

ASMI in collaboration with the Singapore Workforce Development Agency (WDA) launched the MasterClass Series for the Marine Industry on 22 August. The MasterClass series kicked off with the 2-day course on Hydrodynamics in Offshore Design delivered by Newcastle University's School of Marine Science and Technology.

This MasterClass programme aimed to equip participants with knowledge in hydrodynamics to troubleshoot the present state-of-the-art and future challenges while designing floating offshore structures.

This highly specialised course covered topics such as offshore structures, environmental loads from waves, winds and currents, first & second order forces and motions. The syllabus also included mooring analysis, dynamic positioning, software application and model tests and stability.

The course was targeted at naval architects, marine, offshore, ocean and mechanical engineers as well as new and existing professionals working in the shipyards, offshore companies, classification societies, offshore design and consulting firms. 28 participants from shipyards, marine and oil & gas companies, classification society and tertiary institution attended the inaugural run.



Inaugural class for Hydrodynamics in Offshore Design.

The course was delivered by two lecturers from the Newcastle University's School of Marine Science and Technology, including visiting professor, Prof Longbin Tao, Lloyd's Register Chair of Offshore Engineering. The other trainer was Dr Arun Dev, Senior Lecturer in Marine and Offshore Technology and current Director of the School of Marine Science and Technology, Newcastle University (Singapore).

Apart from lectures, there were also practical design examples, case studies and group presentations. Participants are required to present their group case studies at the end of the course. Feedback from the participants on the course was very positive with many commenting that they have benefited from the course and gained better understanding on the hydrodynamics and offshore design. They were unanimous in their recommendations for their colleagues to attend the next run of the course.

The next MasterClass course will focus on Hydrodynamics in Ship Design.



The course was delivered by lecturers from the Newcastle University.

Group discussions in progress.

ASMI 21ST GOLF CHAMPIONSHIP TOURNAMENT

ASMI held its 21st Golf Championship Tournament on 17 August at the Sentosa Golf Club. 144 golfers in 36 flights took part in this popular event, which saw golfers engaging in their favourite sport whilst networking with their clients and industry colleagues.

course. Golfers were grouped into two divisions and played the 18-hole course according to the System 36 handicap format of play. The morning rain helped to cool the weather in the afternoon for the golfers as they indulged in their game.

The popular annual golf tournament was well-supported with sponsorships from 14 ASMI members and business partners.



The overall champion prize winner was Mr Richard John, a guest of Kwong Soon Engineering Co. (Pte) Ltd.

After the afternoon of tiring play, golfers proceeded to the Grand Salon Ballroom for the 8-course Chinese dinner and the prize presentation ceremony. Prizes were presented to the top 40 golfers in both divisions. Unplaced winners were also given a prize at the lucky draw conducted during the dinner. In addition, novelty prizes were also presented for 'Ball Sweep', 'Nearest to Pin', 'Longest Drive' and 'Nearest to Line'.

Mr Kelvin Tan of Rolls-Royce Singapore Pte Ltd clinched the first prize in the Division 'A' category while Mr Lawrence Seet from MAN Diesel & Turbo Singapore won the first prize in the Division 'B' category. The overall champion was Mr Richard John, a guest of Kwong Soon Engineering.

The golfers had a fruitful and enjoyable time at the event in the company of good friends and business associates.



Golfers getting ready to board their buggies for the shot-gun tee-off.

Golfers streamed into the club from as early as 11am for registration, early lunch and collection of their goody bags. After lunch at the ballroom, the golfers set off in their buggies before the shot-gun tee off at the Serapong



Participants tucked into an eight-course Chinese dinner after the game.

15TH WORKPLACE SAFETY & HEALTH INNOVATIONS CONVENTION

ASMI organised its 15th Convention for Workplace Safety & Health Innovations in Marine Industry on 27 September. This annual event supported by the WSH Council serves as a platform in keeping the innovative spirit alive among industry members.

The half-day event kicked-off with an opening address from the Guest-of-Honour Ms Kala Anandarajah, Chairperson, WSH (Engagement & Outreach) Committee. Ms Kala highlighted the importance of the Convention in enhancing safety consciousness among marine workers. She urged industry members to adopt the CultureSAFE programme launched by WSH Council to help raise their standards of WSH culture from participative to proactive and eventually to exemplary.



15th Convention for Workplace Safety and Health Innovations in Marine Industry.

The opening speech was followed by the teams' presentations on their WSH projects featuring practical solutions they have developed to address the risks and problems they commonly encountered at work. Nine teams from various shipyards presented their safety innovation projects. They were pre-selected from the 17 entries received during the Preliminary Round held on 24 August.

Majority of the projects presented focused on reducing hand and finger injuries at work. These included the *Sollevere*, a

device to improve the lifting operation and manual handling of oil drums, the *Safe Pipe Aligner* to assist in installation and alignment of pipes, the *Ergo Grinder Stand* to use for prolonged overhead grinding, the *Auto-Rotor-Out* to facilitate extraction of rotors out from stators during overhauling of electrical motors, the *Hand & Finger Saver* for manual shifting of steel materials, the *Grip Handler* for manual handling of spools during lifting and the *Flange Splitter* for separating flange. Other projects showcased included a jig for bottom door removal and installation, and a dust and filter collector for use during tank blasting.

The teams were evaluated by a panel of three judges from the Ministry of Manpower, WSH Council and Nanyang Technological University. Three Gold, three Silver and three Bronze Awards were presented at the Convention. *ALPHA* from Jurong Shipyard, *HASSLE-FREE* of Sembawang Shipyard and *ST INNOVATORS* from ST Marine won the Gold Awards. Silver Awards were presented to *ACE* of ST Marine, *SAFEPRO* of Jurong Shipyard and *SAFE* of Keppel FELS. *IRON MAN* from Keppel Shipyard, *RIG-1* from PPL and *SINGPIPE* from Keppel Singmarine received the Bronze Awards.

The event was attended by 240 participants from shipyards and marine contractors. Participants went home enriched with ideas gained from the Convention which they could apply or modify for implementation at their respective workplaces to further improve the WSH standards for their workers.



Winners of the Gold Award with Mr Yong Chee Min (Chairman, ASMI WSH Committee), Mr Chow Yew Yuen (Vice President, ASMI) and Mr Freddie Woo (Vice President, ASMI).

ASMI MEMBERS WIN WSH ACCOLADES

At the Workplace Safety and Health (WSH) Awards 2012 Presentation Ceremony on 17 July, ASMI members took home a total of 49 awards. The Awards recognise winners on a national level for their commitment and exemplary standards in WSH, and are presented by the WSH Council and supported by the Ministry of Manpower.

This year, 214 companies, projects and individuals were honoured out of an unprecedented 449 applicants. The WSH Award winners have demonstrated extraordinary safety leadership at the senior management level, professionals, supervisors and workers level.

The WSH Performance Awards recognises companies for exceptional safety standards and systems. There are four categories - Excellence, Gold, Silver and SHARP awards. The *WSH Performance (Silver) Award* was presented to four ASMI shipyards - Jurong SML, Keppel Singmarine, PPL Shipyard and SML Shipyard.

Seven members received 36 awards among them for their projects in the *WSH Performance (SHARP) Awards*. The SHARP or *Safety and Health Award Recognition for Projects* are given to companies for outstanding WSH results in specific projects. The SHARP Award winners were Jurong Shipyard, Keppel FELS, Keppel Shipyard, Keppel Singmarine, PPL Shipyard, Sembawang Shipyard and SMOE.

The WSH Awards for Officers and Supervisors pay tribute to individuals for their contribution to WSH excellence and for dedication in ensuring the safety of their workers. Mr Tan Joo Jin, Assistant HSE Manager from PPL Shipyard was conferred the *WSH Officer Award*. To Mr Tan, "WSH is a noble cause as it is about safeguarding lives and preventing loss." He said that it was not easy to maintain good WSH standards and compliance within a shipyard. "However, through constant interaction and open communication, we learn to understand and appreciate different ideas and cultures to work well together as a team."

Four supervisors received the *WSH Awards for Supervisors*. They were Mr Mohammad Alamgir Hossain Md Anower Hossain (supervisor, Keppel Singmarine), Mr Mohammed Nazrul Islam, (welding superintendent, Keppel FELS), Mr Richard Low Keng Fatt (senior foreman, PPL Shipyard) and Mr Sandaran Subramaniam (supervisor, Multiheight Scaffolding).

Four WSH teams from three member companies received the *WSH Innovation Awards* for their innovative safety projects implemented at their respective workplaces. This Award honors teams that have developed safer work processes and methods. The winning teams came from Jurong Shipyard for its *Innovative Hydraulic Cable Drum Jack* and *Zero Dust Emission Tank Blasting*, Keppel Sea Scan for its *Handrail Welder's Friend* and Singapore Technologies Marine for its *Jack Jig*.