



ITE 06/21

Press Release No. 12/10

**ITE PARTNERS SEMBCORP MARINE TO PROVIDE TOP-NOTCH
TECHNICAL EDUCATION FOR THE MARINE INDUSTRY**
*Students in new Higher Nitec in Marine Engineering course to benefit from the
knowledge exchange*

The Institute of Technical Education (ITE) and Sembcorp Marine (SCM) signed a Memorandum of Understanding (MOU) on 23 July 2010 to cooperate in enhancing the training of students in marine and offshore engineering courses.

A Platform for Sharing and Abundant Opportunities

2 This MOU, which is extended over five years, includes the setting up of a Marine Engineering and Quality Centre at ITE, scholarships for students and industrial attachments, both local and overseas, for ITE staff and students. There will also be jointly developed certification and customised courses. Both parties can look forward to a platform for the mutual sharing of best practices in technology and pedagogy to enhance the training of the marine and offshore engineering workforce.

3 Mr Wong Weng Sun, President and Chief Executive Officer of Sembcorp Marine, said: “We are pleased to enter into this MOU partnership with ITE, which is the first between Sembcorp Marine and a technical education institution. The MOU represents a joint commitment by both Sembcorp Marine and ITE to collaborate and further enhance capabilities in marine and offshore engineering training and education. We are also delighted to work with ITE in establishing the ITE-SCM Marine Engineering and Quality Centre. The centre is Sembcorp Marine’s first joint training facility development with ITE and signifies our steadfast support for education and talent development. This win-win collaboration will pave the way for

active knowledge sharing and technology transfer to raise standards of excellence within the industry.”

4 Mr Bruce Poh, Director and CEO of ITE, said: “A partnership with an industry leader, like Sembcorp Marine, will not only ensure the relevance, authenticity and rigour of our programmes. Its wise investment in human capital development will also go a long way to meet the technical manpower needs of the marine and offshore industry in Singapore.”

Announcement of New Course to Fill a Critical Need for Supervisors in the Marine Industry

5 To strengthen its position as a leading international marine and offshore hub, Singapore needs marine supervisors/foremen focusing on the mechanical engineering aspects of the industry, particularly in the area of mechanical maintenance and repair of marine equipment and systems.

6 With strong endorsement of the Association of Singapore Marine Industries (ASMI) and Marine Group Local Industries, ITE will roll out the *Higher Nitec* in Marine Engineering in April 2011. This course will provide students with broad-based skills and knowledge to perform defect diagnosis, maintenance and repair of marine systems; assist in executing, commissioning and testing activities; calibration and instrumentation work; quality control and assurance; and inspection of ship systems and machinery components. More details on the *Higher Nitec* in Marine Engineering course can be found at the **Annex**.

7 The media are invited to publicise the contents of this news release. For more information or to arrange for interviews, please contact:

Ms Serene Lam
Investor Relations & Communications
Sembcorp Marine Ltd
Tel: 6262 7065
Email: serene.ir@sembcorpmarine.com.sg

Ms Tan Sze Yin
Corporate Relations Officer
ITE
Tel: 6590 2029
Email: tan_sze_yin@ite.edu.sg

Released on: 26 July 2010

About Sembcorp Marine

Sembcorp Marine is a leading global marine and offshore engineering group specialising in a full spectrum of integrated solutions, from ship repair, shipbuilding, ship conversion and rig building to offshore engineering & construction. Internationally renowned in the marine and offshore industry, the Group has proven expertise in fast-track semi-submersible construction, jack-up design & building, turnkey conversion and construction of offshore production platforms, specialised repairs and niche ship design & building. Sembcorp Marine's global operations span the strategic hubs of Singapore, China, India, Middle East, Brazil and USA. Its Singapore yards include Jurong Shipyard, Sembawang Shipyard, PPL Shipyard, SMOE, and Jurong SML.

About the Institute of Technical Education

The Institute of Technical Education (ITE), Singapore, was established as a postsecondary education institution in 1992 under the Ministry of Education. ITE is a principal provider of career and technical education and key developer of national occupational skills certification and standards to enhance Singapore's workforce competitiveness. Under its "One ITE System, Three Colleges" Model of Education and Governance, ITE has three Colleges, comprising ITE College Central, ITE College East and ITE College West. For more information, please visit www.ite.edu.sg.

HIGHER NITEC IN MARINE ENGINEERING**Introduction**

Currently, Singapore is one of the world's premier centres for ship repair and conversion as well as the construction of customised and specialised vessels. The marine and offshore industry has turned in a remarkable performance in recent years and the total employment stood at over 100,000 workers. The long term outlook for the marine and offshore industry in Singapore will continue to be promising and such good prospects of growth warrants the need for a course to produce a group of marine supervisors/foremen focusing on the mechanical engineering aspects of a ship, particularly in the area of mechanical maintenance and repair of marine equipment and systems. With the strong endorsement of the Association of Singapore Marine Industries (ASMI) and Marine Group Local Industries Upgrading Programme (LIUP), graduates of this course should be able to find gainful employment in the shipyards and Small and Medium-sized Enterprises (SMEs) which are supporting the shipyards.

Course Outline and Duration

The new *Higher Nitec* in Marine Engineering course, to be launched in April 2011, is a two-year course that caters mainly to the Ship Repairs & Conversion Sector of the Marine Industry. The course will train students in the operations, troubleshooting and repairing of plant and equipment found onboard ships and offshore vessels. These would include main propulsion engines, auxiliary engines, hydraulic equipment and auxiliary equipment like pumps, fresh water generators, oily water separators etc. They would also be trained to supervise and co-ordinate activities of workers engaged in the installation of ship machinery and related equipment and the refurbishment of vessels. They would also undertake commissioning works in accordance with ship owners' and manufacturers' specifications, classification societies' requirements and statutory requirements, where applicable, to ensure safe and timely completion of works.

Training Facilities

The new *Higher Nitec* in Marine Engineering course will be implemented at the ITE College Central's School of Engineering at Yishun Campus with effect from Apr 2011.

Entry Requirements

Students will be admitted under these 2 schemes, Normal JAE and JIE-H.

For Normal JAE

3 GCE 'O' level Grades:

Grade 1-8 in English Language

Grade 1-7 in Mathematics (Elementary or Additional)

Grade 1-8 in an approved Science subject

For JIE-H

A total of 19 points or less for GCE 'N' levels (Academic) in English, Mathematics and 3 other subjects (ELMAB3):

Grade 1-4 in English Language

Grade 1-4 in Mathematics

Grade 1-5 in 3 other subjects.

Career Prospects

Higher Nitec in Marine Engineering graduates are employed by companies in the marine and offshore industry. Such companies are the marine services contractors, marine equipment manufacturers and suppliers, marine fleet operators and the shipyards. Some of the job titles held by graduates include Marine Supervisor (Mechanical) and Foreman (Mechanical).

Projected Intake

The course will start off with an intake of two classes of 36 students for each class.