NEWS RELEASE

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NTU’s MRC collaborates with state-level research centre in Shanghai on maritime research and development

The Maritime Research Centre of Nanyang Technological University (NTU) signed a Memorandum of Understanding (MOU) with the Engineering Research Center of Container Supply Chain Technology, Ministry of Education, China at Shanghai Maritime University (SHMU) today. The MOU will provide a framework for both institutions to collaborate on specific R&D and training activities. Under the theme of “Technology for the Future Port”, the areas of R&D include technology for automation of container operations, green port and green ships, shipping operations, marine operations, and shipyard operations.

The scope of this MOU also includes visits by and exchange of staff for research, teaching and discussions and exchanging of information.

The MOU was signed on 26 September 2007 by Associate Professor Tan Soon Keat, Director, NTU’s Maritime Research Centre (MRC) and Professor Mi Weijian, Deputy Director of SHMU’s Engineering Research Center of Container Supply Chain Technology, Ministry of Education, China, and Dean of Logistics Engineering School and Sino-Dutch Mechatronics Engineering School, SHMU.

Said Professor Pan Tso-Chien, Dean, College of Engineering, NTU, “We are very happy to partner ShMU and engage in cutting-edge R&D in maritime and port operation. We see today’s collaboration as a strategic partnership between the two countries. Shanghai is a progressive port city that holds a prominent position in the international maritime community, and it has bright prospects for becoming an even greater international shipping centre in the near future. Singapore, on the other hand, is positioning itself as a centre of excellence for maritime research and training. The alliance of the two research
centres signifies the possibilities of closer co-operation in the development of new technologies and new knowledge, which will help to generate practical solutions to real-life problems and benefit the industry.”

“We look forward to working with NTU in research and exchange programmes. With our shared vision of research excellence in maritime and port operations, I believe our collaboration can help to enhance Singapore and Shanghai’s capabilities in the field of maritime and port handling,” said Professor Mi Weijian.

The Maritime Research Centre (MRC), under the School of Civil & Environmental Engineering in NTU’s College of Engineering, was set up in 2001. Its mission is to provide a platform on which MPA and NTU can pool resources, collaborate and jointly conduct research & development for the maritime sectors. MRC also serves as a contact point where local industry could form linkages to collaborate on research and development. Some of the research initiatives that have been carried out with the local industry are in the areas of instrumentation, design and analysis related to marine & offshore engineering, corrosion monitoring and protection. Some of the projects that have been carried out by the MRC include areas such as maritime environmental resources; offshore marine engineering; ship terminal, port operations and security; marine logistics and transport; and marine IT and communications.

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About Nanyang Technological University

Nanyang Technological University (NTU) is a research-intensive university ranked among the top 20 technological universities. The university has two campuses in Singapore. The Yunnan Garden campus, NTU’s main campus, is located in the southwestern part of Singapore. The NTU@one-north campus, home to educational and alumni clubhouse facilities, is located near Singapore’s biomedical research hub, Biopolis; and the new infocomm and media hub, Fusionopolis.

NTU has four colleges comprising 12 schools. The College of Engineering comprises six schools focused on technology and innovation. Its research output ranks among the
top four in the world. The College of Science pushes the boundaries of Singapore's life sciences initiatives. The Nanyang Business School (the College of Business) offers one of the world's top 100 MBA programmes. The College of Humanities, Arts, & Social Sciences boasts Singapore's first professional art school offering degree courses in art, design and interactive digital media, the Humanities and Social Science School, and the Wee Kim Wee School of Communication and Information, a top journalism and media school in Asia.

The 13th school, S Rajaratnam School of International Studies, was inaugurated on 1 January 2007. An important component of this autonomous school is the Institute of Defence and Strategic Studies, long recognised as a world authority on strategic studies and terrorism. NTU is also home to the internationally-acclaimed National Institute of Education, Singapore's only teacher-training institute.

NTU has in place multi-country programmes and initiatives with established institutions worldwide. Key partners include MIT, Stanford University, Cornell University, Caltech, University of Washington, Georgia Institute of Technology, Carnegie Mellon University in USA, Peking University, Shanghai Jiaotong University, Waseda University, Indian Institute of Technology in Asia, Cambridge University, Imperial College and Swiss Federal Institute of Technology in Europe.

For more information, visit www.ntu.edu.sg

About Shanghai Maritime University

Shanghai Maritime University (SHMU), which has a history of 98 years, is a multi-disciplinary university with 6 fields of study, i.e. Engineering, Management, Economics, Literature, Science and Law, particular stress being placed on the disciplines of Logistics Engineering, Economic Management and Navigational Technology. SHMU is among the first institutions of high education in China that received the Certificate of Seafarer Education and Training Quality System issued by the People's Republic of China, and the ISO9001 Quality Guarantee System Certificate issued by Norwegian Ships' Classification Society.

SHMU provides 42 programs leading to various degrees, 19 programs leading to the Associate's degree, two of which are jointly run with U.S.A and one of which is jointly run with the Netherlands and Australia, respectively. The disciplines of
"Communications & Transport Planning and Management", "Industrial Economics", "Power Electronics & Electrical Drive", "International Law" and "Mechanical Design & Theory" are designated as five key specialties by the Ministry of Communications and Shanghai Municipality. As well, SHMU is strong in scientific research. It has undertaken many research projects from the state, the Ministry of Communications, the Shanghai Municipal Government, and ports and shipping companies. Some of them have won ministerial and state-level awards.

SHMU enrolls overseas students, too, and keeps exchange of friendly visits, academic exchange and cooperative relations in education with such foreign countries as the U.S.A., the U.K., Japan, Norway, Singapore, Sweden, Korea, the Netherlands, etc., in addition to the various regions and international organizations concerned. Since 2005, a new campus has been constructed in Pudong near Shanghai Yangshan Port and Logistics & Heavy Industry Zones. It occupied over 120 acres and will be fully set up in 2008. In this respect, SHMU will be one of the largest maritime universities all over the world.

For more information, visit http://en.shmtu.edu.cn/