



Confederation of Indian Industry
Since 1895



India Maritime Technology Conference (IMTC) 2011

“Sharpening India’s Sea Vision”

21-22 January, 2011

National Institute of Ocean Technology : Pallikaranai : Chennai

Programme

Day- I: 21 January, 2011

1000-1130 hrs : Inaugural Session		
1000 hrs	Welcome Address	Mr T T Ashok Deputy Chairman, CII Southern Region & Managing Director Taylor Rubber Pvt Ltd
1010 hrs	Theme Address	Admiral (Retd) Arun Prakash, PVSM, AVSM, VrC, VSM Chairman, National Maritime Foundation & Former Chief of the Naval Staff
1025 hrs	Keynote Address	Dr T S Sridhar, IAS Principal Secretary & Commissioner of Archaeology Govt. of Tamil Nadu
1040 hrs	Address by the Chief Guest	Vice Admiral Anup Singh, AVSM, NM Flag Officer Commanding in Chief Eastern Naval Command
1055 hrs	Vote of Thanks	Commodore (Retd) S Shekhar, IN Regional Director National Maritime Foundation
1100 hrs	Exposition Inauguration	
1130 hrs	Tea/Coffee	
1200-1300 hrs : Plenary Session - I : Ship Building and Ship Repairs		
<i>Indian shipbuilding industry is emerging and has high growth potential owing to low labor cost, strong domestic demand, established steel & manufacturing industry and technically qualified manpower availability. The challenge facing the industry is lack of support by major equipment manufacturer. There is no major ship-repair facility available in the country even though there exists a great demand from domestic & international shipping.</i>		
1200 hrs	Areas For Indigenisation for the Scorpene Project	Mr Mahesh B Koyande Deputy General Manager & HOD – Design Mazagon Dock Limited

1210 hrs	Ship Repairs in India - Opportunities and Challenges	Mr S Krishnakumar Head Repair & Refit L&T Shipbuilding Limited
1225 hrs	Warship construction in Indian Defence Shipyards – The Present and Future	Capt (Retd) SKS Kushwaha IN General Manager (Production) Garden Reach Shipbuilders & Engineers Ltd. Kolkatta
1240 hrs	How Can India increase its Market Share of the New Building orders?	Mr Hrishikesh Narasimhan General Manager, Ship Building Goodearth Shipbuilding Pvt. Ltd. Chennai
1255 hrs	Question & Answer	
1300 hrs	Closing Remarks	
1300 hrs	Lunch	
1400-1500 hrs : Plenary Session II : Maritime Systems, Equipment and Integration		
<i>Maritime Systems' expertise is in the provision of innovative, cost-effective solutions for customers. System integration enables communication between many disparate systems and their processes. Integration is business development, including not only the core systems but also its knowledge workers, customers and suppliers. When we connect different systems and applications you get faster communication with a higher security in your internal and external processes.</i>		
1400 hrs	Design and Development of Combat Management Systems	Rear Admiral Arun Bahl Director General Weapons Electronics Systems Engineering Establishment (WESEE), New Delhi
1415 hrs	Opportunities for the Indian Industry in the Maritime preparedness of the Nation	Rear Admiral S Kulshrestha Director General, Naval Armament Inspection New Delhi
1430 hrs	Marine System Integration	Capt Siddhartha Sant Director – Marine Engineering Indian Navy
1445 hrs	Question & Answer	
1500 hrs	Closing Remarks	
1500-1600 hrs : Plenary Session III : Development of Ports & Harbours		
<i>The port sector had significant capacity addition in the last decade due to excellent Public Private Partnership. The Port sector attracted significant investment from Indian as well as overseas port operators and investors. Current trade growth trends suggest that the Indian Port Sector would continue to require significant addition to capacity to meet future cargo handling demands across cargo types, be it containers or dry bulk or wet bulk cargoes. The objective is to upgrade and modernise the Port infrastructure in India which will enable it to benchmark its performance against global standards. The coastal State Governments are also pursuing vigorously development of non-major ports and are aiming to attract huge investment in the sector. Private partnership is the key feature of the port development program and India is expecting much of the investment to come in from private sector with a high proportion from overseas investors. To facilitate private sector participation, Government of India has also put in place a favourable and investor friendly policy framework.</i>		

1500 hrs		Mr Umesh C Grover Senior Advisor (Shipping & Logistics) SKIL Infrastructure Ltd. Mumbai
1515 hrs	Development of Ports & Harbours	Capt Suresh N Amirapu Managing Director Portman India Private Ltd
1530 hrs	Significance of New Gateway Ports	Capt K N Ramesh CEO, Logistics & Dredging Marg Limited
1545 hrs	Question & Answer	
1555 hrs	Closing Remarks	
1600 hrs	Tea/Coffee	
1615-1715 hrs: Plenary Session IV (Panel Discussion) : Offshore Energy – how soon in India?		
<p><i>The demand for electricity in the country is ever on the rise. Simultaneously, the pressure to reduce the emission of greenhouse gases through excessive burning of fossil fuels is also on the increase. To meet these two conflicting requirements one of the possible ways out is to harness the renewable sources of energy like the wind energy in a big way. But setting up wind farms on land is also beset with problems concerning suitable land acquisition and other related issues. Hence the best alternative is to go to the sea for setting up offshore wind farms. It is a well-known fact that the wind regime at sea is far superior to the wind regime on land thus making sea the ideal alternative for locating wind farms. Advanced nations of the world have already gone in for this option with considerable success. the time is ripe for India also to go, in a big way, for offshore wind farms. Venturing into the sea for setting up wind farms, besides eliminating all the problems associated with land acquisition, also provides the option for harnessing the additional energy resources available at sea like wave and surface current energies for power generation. The time is ripe for India to go, in a big way, for offshore wind farms. Venturing into the sea for setting up wind farms, besides eliminating all the problems associated with land acquisition, also provides the option for harnessing the additional energy resources available at sea like wave and surface current energies for power generation.</i></p>		
	Moderator	Dr L R Chary Prof Emeritus AMET University, Chennai
	Presentation on Futuristic Design of Offshore Wind Mills	Prof K N G Reddy AMET University, Chennai
		Mr Rajesh Katyal Scientist and Unit Chief (R&D) Centre for Wind Energy Technology, Chennai
		Mr Nitin Bhate Policy and Marketing Manager GE Renewables – India
		Mr Malolan R Cadambi Managing Director Greenshore Energy Pvt. Ltd
1715 hrs	Closing Remarks	
1715 hrs	Close of the day	

Day-II: 22 January, 2011

0945-1045 hrs : Plenary Session V : Maritime Sector - Human Resource and R&D Needs		
<p><i>In the ultimate analysis, maritime power can be attained only through self reliance in every component of the maritime domain – be it in ship building, ship repair, manufacture of systems and components or for that matter in the design and development of ports and harbours. Critical to self reliance is the ability for Research and Development. Even as we have moved into the second decade of the new millennium, we are still finding our steps in this area. Whatever has been achieved is through the Defence Research and Development Organisation. With special reference to the maritime sector, significant developments have indeed taken place. But a lot more requires to be done. There also is a crying need to provide a seamless interface between R&D, and manufacture, with a greater involvement of the Small and Medium Sector in the process. Another area which needs to be addressed is the creation of a cadre of qualified and motivated human resource to undertake research in cutting edge technologies in all aspects of the maritime domain.</i></p>		
0945 hrs	HR Challenges in Design & Development	Dr K Tamilmani Chief Executive Officer CEMILAC, Bangalore
1000 hrs	Emerging R&D Opportunities for Marine Industries	Dr S Sundarrajan FIE, FIIF Scientist "H" Outstanding Scientist DRDO L, Hyderabad
1015 hrs	Maritime Research in India - Opportunities and Challenges	Prof (Dr) Rao Tatavarti Director and Senior Professor Gayatri Vidya Parishad College of Engineering
1040 hrs	Concluding Remarks	
1045 hrs	Tea/Coffee	
1100-1200 hrs : Plenary Session VI : Maritime Security and Surveillance		
<p><i>While "Security" has many dimensions, the very nature of India's geo-physical configuration as a predominantly peninsular nation, places Coastal security as one of the major concerns. In the struggle against security related issues the role of technology has become inevitable. While human intelligence cannot be ignored, the adoption of latest and appropriate surveillance technologies is even more important. In the wake of increased threats within and across the borders it is suggested that reliance on imported technologies should be reduced given greater impetus to developing devices and technologies that are adapted to our needs and competences. Adoption or modification of existing or newly developed technologies to enhance surveillance capabilities should be encouraged.</i></p>		
1100 hrs	Betterment of Maritime Security and Infrastructure	Mr R Sri Kumar, IPS (Retd) Vigilance Commissioner Government of India
1115 hrs	Coastal Security aspects – Tamil Nadu	Mr Rajesh Das, IPS Inspector General Head - Tamil Nadu Coastal Security Group, Chennai
1130 hrs	Coastal security for better effectiveness	Capt S Suresh CSO to Naval Officer Incharge Naval Base - Kochi

1145 hrs	Question & Answer	
1200 hrs	Closing Remarks	
1200 -1300 hrs: Plenary Session VII: India Maritime Technology Colloquium		
<ul style="list-style-type: none"> • All participants are formed into five random discussion groups. • Groups carry out “brainstorming”. • Each group is supported by an independent Rapporteur from IMTC’s designated Knowledge Partner, who records views expressed during group discussions • These views are collated by our designated Knowledge Partner, and formed into the framework of the Draft IMTC 2011 White Paper. 		
1300 hrs	Lunch	
1400 – 1500 hrs Plenary Session VIII : Forum for International Applications and Learning Experiences (FINALE)		
	Ship to Shore, a Global Maritime Business	Dr Colin Clinton Director Ove Arup & Partners, Hong Kong
	ONR Global and Collaboration with India on Maritime Technology	Dr Gabriel Roy Associate Director, Office of US Naval Research Global, HQs, Singapore
	Maritime Search & Rescue – the Malaysian Experience	Maj (Retd) Murali P V Bhaskaran, RMAF Director, Global SAR Resources SDN BHD Kuala Lumpur, Malaysia
1500 -1630 hrs: Valedictory Session		
1500 hrs	Presentation of Draft IMTC 2011 White paper	Capt Suresh Bhardwaj Vice Chancellor AMET University
1530 hrs	Introduction of Chief Guest for Valedictory	Commodore (Retd) S Shekhar, IN Regional Director National Maritime Foundation
1540 hrs	Valedictory Address by the Chief Guest	Dr J Narayana Das CCR&D, Naval Systems, Material Cluster Labs and HR HQ DRDO, New Delhi
1600 hrs	Vote of thanks	Gp Capt L V Mohandas (Retd) Head – IT & Internal Security Confederation of Indian Industry
1610 hrs	Tea / Coffee	
1630 hrs	Conference Concludes	
