



THE UK MARITIME ENGINEERING ENTERPRISE: BUSINESS OPPORTUNITIES FOR ADVANCED TECHNOLOGY IN THE 21st CENTURY

A national conference that looks at the application of advanced technology across the spectrum of the UK's maritime engineering enterprise and the business opportunities that are emerging. Speakers from the highest echelons of the industry will promote debate on these topics and discuss the critical issues.

**Tuesday 9 & Wednesday 10 April 2013
The De Vere Grand Harbour Hotel
West Quay Road, Southampton**

Preceded by an industrial visit to the National Oceanography Centre at Southampton and with the opportunity to visit Ocean Business, the showcase exhibition for advanced technology in the maritime environment, that runs in parallel with the conference, the event also includes a structured programme of one-on-one meetings and a conference reception and dinner.

It promises to be a "must attend & unmissable" networking opportunity.

**Organised by the Society of Maritime Industries
in co-operation with Intelligent Exhibitions**

ANNUAL CONFERENCE OF THE SOCIETY OF MARITIME INDUSTRIES

**DE VERE GRAND HARBOUR HOTEL, WEST QUAY ROAD,
SOUTHAMPTON Tuesday 9 & Wednesday 10 April 2013**



I am delighted once again to invite you to the forthcoming annual conference of the Society of Maritime Industries which will be held next spring in the famous maritime city of Southampton. The city has historical associations with the maritime world going back centuries and has been home to some of the greatest ocean liners of the past. Today the port of Southampton continues to be the gateway to the oceans of the world and is the base port for the most modern and prestigious fleet of cruise ships in the world embracing some of the most advanced technology afloat.

The focus of the conference is wide ranging and covers naval and maritime security procurement programmes as well as oceanographic science and technology and the rapidly developing exploitation of our islands' offshore energy resources. All these issues will be addressed by some of the most eminent high profile and experienced speakers from every corner of our industry.

As part of this event, for those who can spare the time, a private visit has been arranged immediately before the start of the conference to the National Oceanography Centre and to the adjacent Ocean Business Exhibition which is the showcase event for advanced maritime technology. The event also includes a structured programme of one-to-one meetings between delegates participating in the conference as well as a networking reception and dinner held in the prestigious Grand Café of South Western House, a Grade 2 listed building once used by the first class passengers of the ill fated Titanic the evening before she departed on her doomed maiden voyage.

I encourage you to join us at this conference and help promote discussion on all these issues. I very much hope you can come and I look forward to seeing you there.

*Peter French
Chairman of the Society of Maritime Industries Board*

CONFERENCE PROGRAMME

The De Vere Grand Harbour Hotel, West Quay Road, Southampton, SO15 1AG



Conference Chairman – Rear Admiral Terry Loughran had a distinguished career as a pilot in the Royal Navy rising to professional head of the Fleet Air Arm. He has commanded a variety of ships including the aircraft carrier HMS Ark Royal and as a Fellow of the Royal Aeronautical Society has consulted on a number of projects, including the future aircraft carriers. A keen yachtsman and motor cycle enthusiast he now enjoys a thriving career chairing conferences and as an after dinner speaker.

Tuesday 9 April 2013

0845

Delegates register with organising staff at the De Vere Grand Harbour Hotel for the visit (optional) to the National Oceanography Centre and to the adjacent Ocean Business Exhibition. Coach departs at 0900 and delegates will return by coach in time for the fork buffet networking luncheon at the Grand Harbour Hotel before the start of the conference.

1230 – 1330

Networking over fork buffet luncheon in the lounge of the Mayflower Suite of the Grand Harbour Hotel.

1400

Conference opens in the Mayflower Suite at the De Vere Grand Harbour Hotel.

The Rt. Hon. Michael Fallon MP, Minister of State for Business & Enterprise opens the conference with a keynote address.

Theme 1 – Delivering naval and maritime security procurement programmes with advanced technology



Rear Admiral Peter Hudson, Assistant Chief of Naval Staff (Capability) at Naval Command Headquarters talks about the challenge for the Royal Navy in meeting today's operational programme whilst striving towards the future 2020 fleet.



Rear Admiral Steve Brunton, Director Ship Acquisition at Defence Equipment and Support outlines progress on the surface ship procurement programmes including reference to the application of advance technology in the Daring Class, the Queen Elizabeth Class, the Global Combat Ship, the MHPC and MARS programmes.



Rear Admiral Simon Lister, Director Submarines at Defence Equipment and Support presents the new submarine enterprise including reference to the Astute and Vanguard successor programmes and the advanced technology which the capability of the platforms demands.

1530 – 1600

Networking opportunity over coffee/tea break in the lounge of the Mayflower Suite.



Rear Admiral Ian Jess, Assistant Chief of Naval Staff (Support) at Naval Command Headquarters reviews the challenges to be faced in providing engineering and logistics support for a modern RN Fleet with its complex systems based on advanced technology.



Commodore Neil Brown RN, Commodore Naval Staff at the Ministry of Defence sketches out the importance of facing up to international maritime security threats and the imperative of coordination and networking through advanced technology.

Panel discussion chaired by Terry Loughran with Peter Hudson, Steve Brunton, Simon Lister, Ian Jess, and Neil Brown with questions from the audience.

1700

End of first day of conference

1700 – 1830

Structured programme of "One-to-One" meetings (optional) held in the adjacent rooms of the Mayflower Suite of the Grand Harbour Hotel for company delegates who have previously registered for the meetings.

1845

Coaches leaves the De Vere Hotel for the conference reception in the Grand Café of the South Western House, Southampton.

1945

Conference dinner in the Grand Café of the South Western House with speech from the guest of honour.

2300

Coaches depart for delegates' return to their hotels.

Wednesday 10 April 2013

0930

Conference re-opens in the Mayflower Suite, De Vere Grand Harbour Hotel, Southampton.



Theme 2 – The application of advanced technology in the wider maritime environment

Rear Admiral Chris Parry, Marine Consultant provides a perceptive analysis of future trends across a wide spectrum of issues in the maritime environment and the challenge to meet them with advanced technology.



Professor Edward Hill, Director of the National Oceanography Centre describes the role and work of the National Oceanography Centre including the contribution that research and technology brings to the understanding of the wider maritime environment.



Mrs Sarah Kenny, Managing Director, Maritime at QinetiQ plc explores progress in research and development in the maritime environment to overcome technological barriers with emphasis on the “pull through” to advanced technology systems and equipments.

1030 – 1100

Networking opportunity over coffee/tea break in the lounge of the Mayflower Suite.



Mr Russell Gould, Chief Executive Officer at Kelvin Hughes Ltd. discusses diversification of defence and commercial maritime products into wider markets and exporting advanced technology.



Mr John Buckingham, Chief Mechanical Engineer at BMT Defence Ltd. gives a detailed insight into how the UK maritime industry can improve efficiency with the dual use of environmentally friendly advanced technology

Panel discussion, chaired by Terry Loughran, with Chris Parry, Edward Hill, Sarah Kenny, Russell Gould and John Buckingham with questions from the audience.

1215 – 1315

Networking over fork buffet luncheon in the lounge of the Mayflower Suite of the De Vere Grand Harbour Hotel.



Theme 3 – Advanced technology in the exploitation of offshore resources and renewable energy

Rt. Hon. Peter Hain MP, Representing Hafren Power provides an informed view on the Severn Barrage - Europe's biggest tidal energy project.



Mr Hans Pung, Vice President RAND Europe explores how to overcome technological barriers in the maritime environment with special emphasis in offshore renewable energy.



Mr Gregory Darling, Group Chairman, Gardline Group discusses the provision of environmental and sea bed information to support offshore development.

1430 – 1500

Networking opportunity over coffee/tea break.



Commodore Steve Jermy RN, Managing Director Tidepod Ltd. talks about the potential of the maritime offshore energy resource tapestry including the development of tidal energy.



Dr Andrew Tyler, Managing Director, Marine Current Turbines Ltd. maps out progress in harnessing wave energy and the really key issue of making marine energy economically viable.

Panel discussion, chaired by Terry Loughran, with Peter Hain, Hans Pung, Gregory Darling, Steve Jermy and Andrew Tyler with questions from the audience.

1600

Conference ends



"Where will our knowledge take you?"



Marine Systems UK



BAE SYSTEMS

The Society of Maritime Industries acknowledges with gratitude the companies that have taken up

Gold Sponsorship

of this conference.

The Society of Maritime Industries acknowledges with gratitude the two companies that are sponsoring the conference reception and dinner.



THALES