

Seawork 2012 Conference Programme

Tuesday 22nd May 2012

Conference Room 1

1100 – 1230 – **MoD Bass Team**

1300 – 1700 – Small Ships Group Conference, New Engine & Propulsion systems

IMarEST

Conference Room 2

1300 – 1700 – Safety Sessions

1300 – 1345 – Working safely with and around Hydraulic Machinery

Ian Morris, British Fluid Power Association

The presentation will show the latest training considered necessary for employees to be kept safe when working with Machinery which incorporates Hydraulics. Concentrating primarily but not exclusively on the Hydraulic Hose and its fittings, and talking of the risks of fluid injection injuries, the presentation will demonstrate what to look for and some very simple procedures designed to keep operators safe.

1345 – 1430 –RYA Training, where does it fit in the industry and what does it cost?

Henry Hillier, Marine Matters

What can RYA training offer companies and how would it fit into the MCA requirements? The concern for many is that these are sail yacht qualifications but on the motor cruising side (which is much less known) RYA can offer a huge amount to employers (training for vessels up to 200gt) at a very good price compared with going to MCA colleges. There is a lot of confusion but the reality is that many companies recognise the RYA Schemes as they are MCA backed and consequently satisfy insurers. With this in mind industry can qualify staff cost effectively and professionally.

1430 – 1515 – Importance of Safe Manning in Smaller Vessels

Forkanul Quader - Seafarer Training and Certification, MCA

Small commercial vessels (SCV) are outside the SOLAS safe manning regime. However, there are provisions in Code(s) with similar principles. SCV Codes state that a boat should be safely manned. Responsibility is placed on the owner to ensure that the skipper, and crew of the vessel have, in addition to any qualifications required, recent and relevant experience of the type and size of vessel and the type of operation in which the vessel is engaged.

1515 – 1600 – Whole Body Vibration (WBV) & Health Surveillance (H-SURV)

Dr Trevor Dobbins & John Haynes, FRC International

All planing craft can expose occupants to both acute (as demonstrated by the recent MAIB investigations) and chronic injuries from Repeated Shock (RS) and Whole Body Vibration (WBV). European legislation and duty-of-care requires maritime operators to undertake appropriate education and training where employees are exposed to RS and WBV. The presentation will describe the programmes developed by FRC International, and recognised by The Nautical Institute, to support marine operators with their WBV awareness requirements. This includes maintaining the health and effectiveness of marine sector employees.

1600 – 1630 – RNLI – Saving Lives through Commercial Training

Steve Wills, RNLI

Most people are aware the RNLI trains its volunteer crews to the highest standards. However, many won't know that the RNLI also uses its expertise to train other organisations. Private companies and other Search and Rescue services from around the world also benefit from RNLI training, with all profits going back into the RNLI. This session explores the concept of commercial SAR and safety training and the wider benefits it can bring.

1630 – 1700 – The ground-breaking use of AIS to develop personal safety equipment

McMurdo Ltd

Losing a crew member overboard is a surprisingly common occurrence and a frightening one for all involved. In this presentation, leading emergency distress beacon manufacturer McMurdo Ltd, looks at the ground-breaking use of AIS to develop solutions that offer a greater chance of survivor location and recovery. The session will also include a demonstration of the McMurdo Smartfind S10 personal AIS Beacon.

Wednesday 23rd May 2012

Conference Room 1

1000 – 1300 – **Port Infrastructure**

1400 – 1700 – EU INTERREG IV(a) PATCH – Ports Adapting to Change closing conference

PATCH

The purpose of the conference will be to wind up the three year project, disseminate key successes to a wider audience, invite a high level panel of speakers and prepare new initiatives for the future. It will also be an opportunity to discuss future EU funding opportunities for ports 2014-2020.

Conference Room 2

1000 – 1215– **UKTI DSO Sessions**

1230 – 1315 - EC Funding for businesses in the Marine Sector.

Tony Lesowiec, Pera Technology

This session will provide examples of how both large and small firms have been helped to massively leverage government funding available for

development for new products and processes in the marine sector. It will also explain how these grants can be accessed and will present examples of recent case study examples.

1330 – 1700 – **Small Craft Surveyors Forum**

Vessel

1400 – 1700 – ADC AGM

Thursday 24th May 2012

Conference Room 1

1000 – 1600 – **Renewable Energy Safety and O&M**

1000 – 1045 – Wind farm service vessels - Improving safety whilst controlling cost

Martin Crawford-Brunt, Det Norske Veritas BV

The regulatory environment for these craft is still under development and is subject to oversight and interpretation by domestic authorities. At the same time the technical challenge to provide turbine access in higher sea states continues. Standardisation of the key requirements and the experience gained from working with projects from different jurisdictions contribute towards improved safety and cost reduction.

1045 – 1130 – Improving Safety and Weather Windows of Offshore Transfer

Dr Tony Trapp, CEO, Osbit Power Ltd

Currently offshore transfers represent one of the highest risk activities during the construction and operation of offshore wind farms. Coupled to this, delays in access due to limits in the wave heights in which access can be safely gained result in cost overruns, delays and lost revenue when maintenance can be conducted. OP has developed an innovative solution to the problem of gaining safe access in higher wave conditions, MaXccess. The results of an extensive programme of testing including the results of offshore trials conducted in conjunction with Siemens Wind Power, will be outlined during the presentation

1130 – 1245 – O&M Support Vessels

Nils Olschner, Abeking & Rasmussen

1315 – 1400 – TAS Access System – Overcoming the Challenge of Safe Turbine Access

Houlder – Last years winner of the Seawork Innovations Showcase

To reach the Government set quota, Offshore Wind Turbine construction is shifting further offshore. The Houlder Turbine Access System has been designed to provide safer access to these wind turbines at a significant wave height of 2.0 metres. The TAS utilises sophisticated motion compensation technology to maintain a constant transfer position without fixing itself to the structure risking damage to either the tower or workboat. These factors maximise safety, increase the scope of access further afield and lengthen the available maintenance window in harsher conditions. The conference session will share the outcomes of the Houlder & BMT Nigel Gee design work that won the prestigious Seawork Innovation Showcase last year.

1400 – 1445 – National and International Regulations for Offshore Wind Farm Service Vessels

Paul Wilkins - Offshore Vessel Policy Lead, MCA

Recognition is growing that these craft constitute a new and unconventional ship type, operating at relatively high speed over increasing distances for ever larger projects. Against a background of what has now become an international debate, what are the technical safety issues under consideration by maritime regulators to enable future innovation and standardisation; and how can this contribute to the vision for offshore wind?"

1445 – 1530 – Crown Estate

1530 – 1600 – Understanding the corrosion behaviour of metals for the offshore renewables industry

Carol Powell, Consultant, Copper Development Association

Engineers new to the marine environment require a basic understanding of the corrosion behaviour of the alloys available to them in order to optimise service lives. To assist in this the European Federation of Corrosion has produced a guide for non-corrosion engineers to assess the issues involved and the types of alloy available. This presentation gives a technical overview summary of the guide which covers steels, stainless steels and alloys of copper, nickel, aluminium and titanium. Galvanic behaviour of alloy combinations will also be discussed.

Conference Room 2

1030 – 1230 – Advances in Sea-State Measuring and Forecasting

Marine South East

1330 – 1600 Technical Sessions on exhibitor products

1330 – 1415 - A technical overview of the Sublift submersible boat handling system

James Turner, Turner Marine

Making the full use of available boat storage space whilst reducing overall boat handling equipment needs sounds like a challenge. Sublift have developed a unique patented semi-submersible boat hoist, which enables fast, safe and cost effective handling of boats and yachts, including launching in and out of water as well as land transportation and storage. The technical and commercial advantages of such a solution will be presented

1415 – 1530 - Gyroscopic Stability

Andrew Semprevivo, Seakeeper

Whether at anchor or underway, gyro stabilizers provide the enhanced comfort and safety required in the commercial boating market. Gyros are installed safely inside the hull, where it cannot be damaged by external equipment or the hazards at sea, gyros offer a simple, effective and safe form of stability control. Now installed in a wide range of operational craft including wind farm service vessels, torpedo recovery vessels, USV patrol craft, and survey vessels; see how gyro stabilizers can minimize crew and vessel downtime, increase safety for crew and gear, increase fuel economy, minimize insurance claims and worker compensation, and improve crew comfort and safety to help recruit and retain the best

1530 – 1615 – SEAF – the new approach to bridge integration

Ian Hartley – Scisys

This innovative new product monitors and controls all mission aids such as charting, radio, boat sensors, video and RADAR.

Vessel

1230 – 1600 – RINA Committee meeting