

3 UNIQUE ONE DAY EVENTS

Grand Harbour - Southampton UK

Focus on Sub IMO / Sub 24 Metre
Professional Sector Craft

**NEXT GENERATION
SHOCK
Mitigation Solutions
WORKSHOP**

Tues 25 October 2016

**NEXT GENERATION
RIB & HSC
High Speed Craft
WORKSHOP**

Weds 26 October 2016

**NEXT GENERATION
HYBRID
Power & Propulsion
WORKSHOP**

Thurs 27 October 2016

KNOWLEDGE & NETWORKING

A dynamic group of international experts highlight
innovative solutions for next generation vessels

Relevant to Professional - Commercial - Military:

End-user Organisations // Operators // Boat Builders
Engine Manufacturers // Mechanical & Electrical Engineers
Naval Architects // Maritime Legislators // Government Bodies

Future Requirements and New Technology for:

Work Boats // Pilot Boats // Patrol Craft
Wind Farm Support Vessels // Survey Vessels
Superyacht Tenders // Unmanned Craft

INNOVATION

::

PERFORMANCE

::

EFFICIENCY

Any Workshop: £250 per day (Save 20% - £600 for 3 Days)

British Marine / RINA / SSA / UKMPA rate: £200 per Day

Military / Government / Academia rate: £125 per Day

YOU CAN ATTEND FOR A SINGLE DAY

To book a place or for further information:

Event Manager: Julie Arthur +44 (0)7449 000228

**NEXT GENERATION
SHOCK
Mitigation Solutions
WORKSHOP**

Shock Mitigation Workshop – Tues 25 October – Southampton UK

08.30 to 09.00	Registration & Coffee
9:00	John Haynes – Workshop Lead, MD Shock Mitigation Shock Mitigation Workshop Introduction & Overview
9:15	John Haynes – MD Shock Mitigation Developing a Holistic Strategy for Shock Mitigation on Fast Boats
9:45	Dr Tom Gunston – British Standards Institute Whole Body Vibration Panel ISO Standards for Seat Testing and Seat Usage in Various Transport Sectors
10:15	Session 1 – Panel Discussion
10:45 to 11:15	Coffee
11:15	Commander RN (Rtd) Richard Finnemore – DES Ships CSS Boats Update on UK Ministry of Defence Whole Body Vibration Working Group
11:45	Pete Sheppard – Senior Naval Architect, RNLI Assessing WBV Exposure and Implementing Improvements on Small Craft
12:15	Session 2 – Panel Discussion
13:00 to 14:00	Lunch
14:00	James Taylor & Dave Parsons – SKYDEX Technologies High Performance Cushion Decking and Seating Solutions for RIBs & High Speed Craft
14:30	Tim Rees – Analyst, SHOXS Shock Mitigation Solutions for Marine Vehicle Safety
15:00	Session 3 – Panel Discussion
15:30 to 16:00	Coffee
16:00	Phil Moxley – Consultant, Frazer Nash / NDP Measuring Noise and Vibration in Maritime Environments
16:30	Alberto Calderon – Executive Director and Chairman, Transonic Hull Company Evaluation of Transonic Hull for Shock-Free High Speed Operation
17:00	Session 4 – Panel Discussion
NETWORKING DRINKS RECEPTION sponsored by Shock Mitigation Solutions – 17.30 to 19.30	



SPONSORS



NEXT GENERATION WORKSHOPS - SUPPORTED BY:



**NEXT GENERATION
RIB & HSC
High Speed Craft
WORKSHOP**

RIB & HSC Workshop – Weds 26 October – Southampton UK

08.30 to 09.00	Registration & Coffee
9:00	John Haynes – Workshop Lead RIB & High Speed Craft Workshop Introduction & Overview
9:15	Commander Chris Pratt MBE (AFNI) – Border Protection Squadron, Border Force Blending Traditional Seamanship with New Maritime Roles and High Technology
9:45	Hans van der Molen – Head of Technical Projects & Innovation, KNRM (NL Lifeboat) Integrating New Vessels and Technology into Established Maritime Organisations
10:15	Session 1 – Panel Discussion
10:45 to 11:15	Coffee
11:15	Andrew Phillips – Technical Director, MST - Marine Specialised Technology Design, Manufacture and Through Life Support of Professional Fast Craft
11:45	Andrew Branagh & David Kelly – WING Inflatables Developing High Performance Inflatable Solutions for Commercial and Military Use
12:15	Session 2 – Panel Discussion
13:00 to 14:00	Lunch
14:00	Peter Foley & James Taylor – SKYDEX Technologies Utilizing Polymers and Geometries to Create Multiphase Springs for Commercial & Military Applications
14:30	Julian Morgan – Managing Director, KPM Marine How Smart COTS Design can Reduce Time, Cost and Weight on New Build Vessels and Retrofit Projects
15:00	Session 3 – Panel Discussion
15:30 to 16:00	Coffee
16:00	Andrew Hughes – Business Development, SHOXS Challenges for Small Companies Dealing with Prime Contractors and Defence Procurement
16:30	Stephen Beadsmoore – Managing Director, Wave Access Project Innovative High Speed Craft for Emerging Maritime Roles
17:00	Session 4 – Panel Discussion
NETWORKING DRINKS RECEPTION sponsored by RIB & High Speed Craft Directory – 17.30 to 19.30	



NEXT GENERATION WORKSHOPS - SUPPORTED BY:



**NEXT GENERATION
HYBRID
Power & Propulsion
WORKSHOP**

Hybrid Marine Workshop – Thurs 27 October – Southampton UK		
08.30 to 09.00	Registration & Coffee	
9:00	John Haynes – Workshop Lead Hybrid Marine Power Workshop Introduction & Overview	
9:15	John Haynes – Managing Director, Shock Mitigation The Hour of Power – Viable Hybrid Technology for Commercial and Military Applications	
9:45	Captain Muhammad Shafique – Senior Lecturer - Petrochem, Warsash Maritime Academy Combining Hybrid Marine Power with Alternative Low Emission Fuels	
10:15	Session 1 – Panel Discussion	
10:45 to 11:15 Coffee		
11:15	Tania Berry – Senior Specialist of Electrotechnical Systems, Lloyd’s Register How Guidance Notices and Classification Rules assist Hybrid Designers	
11:45	Mel Lewis & Simon Churchill – Mainstay Marine Solutions Hybrid Systems for Workboats, Pilot Boats, Patrol Vessels and Passenger Vessels	
12:15	Session 2 – Panel Discussion	
13:00 to 14:00 Lunch		
14:00	Graeme Hawksley – Managing Director, Hybrid Marine Ltd Innovative Hybrid Systems for Small Workboats and Commercial Craft	
14:30	Dr Dennis Doerffel – Founder & Chief Technology Officer, REAP Systems Developing Hybrid COTS Solutions for Commercial, Leisure and Military Craft	
15:00	Session 3 – Panel Discussion	
15:30 to 16:00 Coffee		
16:00	John Allen – Founder & CFO, COX Powertrain Developing Diesel Outboard Technology for Professional and Military Applications	
16:30	Presenter TBC Integrating Diesel Main Engines and Generators with Hybrid Power and Propulsion Systems	
17:00	Session 4 – Panel Discussion	
17.00	End of Workshop	Please Note: Updates and changes may be made to this agenda

The workshop day considers ‘new marine energy’. Presenters highlight how fuel can be saved, maintenance costs reduced and engine life extended. The Programme identifies hybrid opportunities and delivers valuable insight from first adopters in various sectors. Fast moving sessions focus on informal discussion and industry experience from subject matter experts.

NEXT GENERATION WORKSHOPS - SUPPORTED BY:

