

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
24 October 2017**

**NEXT GENERATION
RIB & HSC
High Speed Craft
WORKSHOP
25 October 2017**

**NEXT GENERATION
SYSTEMS
Safety & Equipment
WORKSHOP
26 October 2017**

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

You can attend for a single day - Standard Rate: £200 per day

British Marine / RINA / SSA / UKMPA / UKHMA / YBDSA Rate: £150 per day
Military / Government / Academia Rate: £150 per day

To book a place or for further information:

Event Manager: Julie Arthur +44 (0) 7449 000228
Email: julie@shockmitigation.com

**RIB &
HSC**



www.shockmitigation.com

THEME: How Shock Mitigation By All Means Improves Efficiency

08.30 – 09.00	Registration & Coffee
09:00 – 09:15	John Haynes – Workshop Lead Shock Mitigation Solutions - Introduction & Overview
09:15 – 10:00	Jonathan Lewis – Maritime Command, Border Force The Challenges of Building Fleets for Evolving Maritime Roles
10:00 – 10:45	Dr Thomas Coe – Senior Consultant, Frazer-Nash Consultancy / Naval Design Partnership The Future of Shock Mitigation Testing - Getting from Anecdote to Evidence
10:45 – 11:15	Coffee
11:15 – 11:45	Dr Tom Gunston – ISO Seat Testing Working Group Update on ISO Standards for Boat Seat Performance Testing and Next Steps
11.45 – 12:30	Paul Taylor – SHOXS / Jonathan Young – Scot Seats / Sean Gerrett – Shockwave Cutting edge update on suspension seating innovations and industry led technology
12:30 – 13:00	Panel Discussion Which shock mitigation methods can increase efficiency and / or Time To Limit (TTL)?
13:00 – 14:00	Lunch
14:00 – 14:45	John Haynes – Managing Director, Shock Mitigation A Holistic Approach to 'Shock Mitigation By All Means'
14:45 – 15:30	Hans van der Molen – Head of Technical Projects & Innovation, KNRM (NL Lifeboat) Comparing Lateral and Vertical Accelerations between 'Nh1816' and 'Arie Visser' Class
15:30 – 16:00	Coffee
16:00 – 16:15	James Taylor – President & CEO, SKYDEX Technologies Enhanced Seat Cushion Performance and Non-Mechanical Shock Mitigation Solutions
16:15 – 16:30	Arvid Uzolas – Grammer Nautic Utilising experiences from on & off road transport to improve maritime transport seating
16:30 – 17:00	Panel Discussion How do we actually reduce risk and injury in the high speed craft workplace?
17.30 – 19.30	Networking Drinks Reception
<p>Please Note: Programme may be subject to change due to presenter commitments Panel Discussions: Workshop style encourages Q&A interaction with delegates</p>	



THEME: Boat and Equipment Procurement in a Changing World

08.30 – 09.00	Registration & Coffee
09:00 – 09:15	John Haynes – Workshop Lead RIB & High Speed Craft - Introduction & Overview
09:15 – 10:15	Prof Ajit Sheno – Director, University of Southampton Marine & Maritime Institute GMTT 2030 - Global Marine Technology Trends for the next decade and beyond
10:15 – 10:45	John Haynes – Managing Director, Shock Mitigation Balancing the need for speed with reliability and durability
10:45 – 11:15	Coffee
11:15 – 11:45	Tony Birr – Director, Century Maritime Selecting Effective Craft to Fulfil Multiple Maritime Functions in Port and at Sea
11:45 – 12:30	Focus On – Commercial Off The Shelf (COTS) procurement Including: Modular design for repairs, refits and upgrades. Through Life Support (TLS) of fleets
12:30 – 13:00	Adam Younger – Principal Naval Architect, Adam Younger Design How Traditional Versus Innovative Materials Affect Design and Structural Limitations
13:00 – 14:00	Lunch
14:00 – 14:45	James Fanshawe – Chairman, Maritime Autonomous Systems Regulatory Working Group Unmanned Surface Vehicles (USV) go from concept to service
14:45 – 15:30	Panel Discussion The Human Element and the Operation of Autonomous Vessels
15:30 – 16:00	Coffee
16:00 – 16:15	Russell Marmon – International PWC Champion, Professional Engineer 20 Years Experience of Preparing Extreme Watercraft for Endurance Racing and Passages
16:15 – 16:45	Alan Priddy – British Global Powerboat Circumnavigation Record Team Selecting vessel and equipment to break 24,000 mile Circumnavigation Record of 61 days
16:45 – 17:00	Panel Discussion What lessons can be learned from both sides of boat and equipment procurement?
17.30 – 19.30	Networking Drinks Reception
<p>Please Note: Programme may be subject to change due to presenter commitments Panel Discussions: Workshop style encourages Q&A interaction with delegates</p>	



THEME: Identifying and Avoiding Single Points of Failure at Sea	
08.30 – 09.00	Registration & Coffee
09:00 – 09:15	John Haynes – Workshop Lead Systems Safety & Equipment - Introduction & Overview
09:15 – 10:15	Iain Wallbridge – Senior Naval Architect, RNLI Design Challenges of Building Modern Lifeboats for the RNLI
10:15 – 10:45	John Haynes – Managing Director, Shock Mitigation Why fundamental seamanship and basic navigation methods still matter
10:45 – 11:15	Coffee
11:15 – 12:00	Captain Andrew Moll – Deputy Chief Inspector, Marine Accident Investigation Branch How ALL Marine Sectors can learn from Accidents & Incidents - including Points Of Failure
12:00 – 12:30	Focus On – Electronics and Digital Technology Including: Integrated Systems - Modular Approach - Navigation Systems - GPS - Radar - AIS
12:30 – 13:00	Panel Discussion In an increasingly complex world - is simple still best on a dark and stormy night?
13:00 – 14:00	Lunch
14:00 – 14:45	Captain Don Cockrill – Secretary General, UK Maritime Pilots Association Maritime Situational Awareness - Science Art or Myth?
14:45 – 15:30	Focus On – Crew Systems Integration Including: C3 - Measuring Noise in Maritime Environments - Realistic & Relevant Simulation
15:30 – 16:00	Coffee
16:00 – 16:30	Doug Vincett – Spinlock / Alistair Hackett – Ocean Safety 3Si Cutting edge update on lifejackets / MOB innovations / PPE / industry led safety technology
16:30 – 16:45	James Glover – Managing Director, Dyena Vessel and Crew Health Monitoring to aid Operators Managing Fleets and Staff
16:45 – 17:00	Panel Discussion What education, training and new maritime skills do we need to reduce human error?
17.00	End of Workshop
<p>Please Note: Programme may be subject to change due to presenter commitments Panel Discussions: Workshop style encourages Q&A interaction with delegates</p>	

SUPPORTERS



Boat builders and OEMs manufacturers now recognise that they need to work together to develop next generation systems that fit the changing requirements of modern fleets. The unique knowledge gained from presentations and networking sessions will help to shape decisions that lead to improvements for in-service systems and procurement of next generation vessels.