

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

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

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

**RIB &
HSC**



www.shockmitigation.com

THEME: How Shock Mitigation By All Means Improves Efficiency

08.30 – 09.00 Registration & Coffee

John Haynes – Workshop Lead
Shock Mitigation Solutions - Introduction & Overview

Jonathan Lewis – Maritime Command, Border Force
The Challenges of Building Fleets for Evolving Maritime Roles

John Haynes – Managing Director, Shock Mitigation
A Holistic Approach to ‘Shock Mitigation By All Means’

Dr Tom Gunston – ISO Seat Testing Working Group
Update on ISO Standards for Boat Seat Performance Testing and Next Steps

Paul Taylor – SHOXS / Jonathan Young – Scot Seats / David Smith – Shockwave
Cutting edge update on suspension seating innovations and industry led technology

Panel Discussion
Which shock mitigation methods can increase efficiency and / or Time To Limit (TTL)?

Coffee 10:45 – 11:15 / Lunch 13:00 – 14:00 / Coffee 15:30 – 16:00

Hans van der Molen – Head of Technical Projects & Innovation, KNRM (NL Lifeboat)
Comparing Lateral and Vertical Accelerations between ‘Nh1816’ and ‘Arie Visser’ Class

James Taylor – President & CEO, SKYDEX Technologies
Enhanced Seat Cushion Performance and Non-Mechanical Shock Mitigation Solutions

Dr Thomas Coe – Senior Consultant, Frazer-Nash Consultancy / Naval Design Partnership
The Future of Shock Mitigation Testing - Getting from Anecdote to Evidence

Arvid Uzolas – Grammer Nautic
Utilising experiences from on & off road transport to improve maritime transport seating

Panel Discussion
How do we actually reduce risk and injury in the high speed craft workplace?

17.30 – 19.30 Networking Drinks Reception

Programme topics & times TBC



THEME: Boat and Equipment Procurement in a Changing World	
08.30 – 09.00	Registration & Coffee
	John Haynes – Workshop Lead RIB & High Speed Craft - Introduction & Overview
	Ministry of Defence Boats Team MOD Boat Procurement Programme Update
	John Haynes – Managing Director, Shock Mitigation Balancing the need for speed with reliability and durability
	Focus On – Commercial Off The Shelf (COTS) procurement Including: Using workboats and wind farm support vessels for patrol and emerging roles
	Focus On – Through Life Support (TLS) of fleets Including: Modular design for repairs, refits and upgrades
	Panel Discussion What lessons can be learned from both sides of boat and equipment procurement?
	Coffee 10:45 – 11:15 / Lunch 13:00 – 14:00 / Coffee 15:30 – 16:00
	Southampton Marine & Maritime Institute – University of Southampton GMTT 2030 - Global Marine Technology Trends for the next decade and beyond
	James Fanshawe – Chairman, Maritime Autonomous Systems Regulatory Working Group Unmanned Surface Vehicles (USV) go from concept to service
	David Smith – Founder & President, Shockwave 6,000 mile equipment test on RIB around Canada - inc North West Passage with Bear Grylls
	Alan Priddy – British Global Powerboat Circumnavigation Record Team Selecting vessel and equipment to break 24,000 mile Circumnavigation Record of 61 days
	Panel Discussion How do traditional versus innovative materials affect design and structural limitations?
17.30 – 19.30	Networking Drinks Reception Programme topics & times TBC



THEME: Identifying and Avoiding Single Points of Failure at Sea	
08.30 – 09.00	Registration & Coffee
	John Haynes – Workshop Lead Systems Safety & Equipment - Introduction & Overview
	RNLI Design & Engineering Team Designing Redundancy into Vessels for Critical Tasks
	John Haynes – Managing Director, Shock Mitigation Why fundamental seamanship and basic navigation methods still matter
	Captain Andrew Moll – Deputy Chief Inspector, Marine Accident Investigation Branch How ALL Marine Sectors can learn from Accidents & Incidents - including Points Of Failure
	Focus On – Electronics and Digital Technology Including: Integrated Systems - Modular Approach - Navigation Systems - GPS - Radar - AIS
	Panel Discussion In an increasingly complex world - is simple still best on a dark and stormy night?
	Coffee 10:45 – 11:15 / Lunch 13:00 – 14:00 / Coffee 15:30 – 16:00
	Captain Don Cockrill – Secretary General, UK Maritime Pilots Association Maritime Situational Awareness - Science Art or Myth?
	Focus On – Crew Systems Integration Including: A TEAM Approach to Command & Control – Realistic & Relevant Simulation
	Doug Vincett – Spinlock / Alastair Hackett – Ocean Safety 3Si / James Glover – DYENA Cutting edge update on lifejacket and MOB innovations / PPE and safety technology
	Focus On – Sound and Noise at Sea Including: Onboard Communications – Intercom – Noise Cancelling – Wind & Speed
	Panel Discussion What education, training and new maritime skills do we need to reduce human error?
17.00	End of Workshop Programme topics & times TBC

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.