

NEXTGEN 2019

3 ONE DAY WORKSHOPS Grand Harbour - Southampton UK

Focus on Sub IMO / Sub 24m Professional Craft



NEXTGEN
MAN OVERBOARD
Prevention & Recovery
WORKSHOP • 2 APRIL 2019

NEXTGEN
SAFETY
Systems & Equipment
WORKSHOP • 3 APRIL 2019

NEXTGEN
SHOCK
Mitigation Solutions
WORKSHOP • 4 APRIL 2019

KNOWLEDGE & NETWORKING
International Experts - Innovative Solutions

Sponsored by:



Networking Drinks Reception
TUES & WEDS 17:00 to 19:30

www.nextgen-marine.com

NEXTGEN MAN OVERBOARD Prevention & Recovery

WORKSHOP • 2 APRIL 2019



THEME: Blending Traditional MOB Solutions With New Technology

08:30 – 09:00 **Registration & Coffee**

09:00 – 09:15 **John Haynes – Workshop Lead**
NEXT GEN 2019 Overview / Man Overboard WORKSHOP Introduction

09:15 – 09:45 **Nicholas Hance - Principal Inspector, Marine Accident Investigation Branch**
How ALL Marine Sectors can learn from Accidents & Incidents

09:45 – 10:15 **Karen Bosman – Maritime Operations Specialist – HM Coast Guard**
How a Man Overboard Rescue Evolves at the Maritime Control Centre

10:15 – 10:45 **Miguel Vieira de Castro – President, APIBARRA (Portuguese Pilots Association)**
2018 Portuguese Pilot Fatality – What happened and Lessons Learned

10:45 – 11:15 Coffee

11:15 – 11:30 **Alistair Hackett – Managing Director, Ocean Safety**
Developing Integrated and Effective Life Saving Solutions for Real People At Sea

11:30 – 11:45 **Future Safety – Industry Expertise & Innovations**
The challenge of linking cutting edge innovation to traditional marine safety.

11:45 – 12:15 **Lewis Arnold – Operations Manager (Lifeboats), RNLI**
How Do We Keep Our Rescuers Safe At Sea

12:15 – 13:00 **PANEL DISCUSSION**
What is Realistic Training / Do Harness & Tether + Rails & Strong Points keep People Onboard?

13:00 – 14:00 Lunch

14:00 – 15:00 **Paul Savage OBE – Maritime Medical Solutions Consultant, Saviour Medical**
Breaking the Historical Paradigms of Maritime First Aid Training

15:00– 15:15 **Future Safety – End-User Expertise at Sea**
MOB Recovery in a Dynamic Workplace - Nets, Ladders, Tools, Weapons and Body Armour

15:15– 15:30 **Future Safety – Industry Expertise & Innovations**
Rapid Deployment Lifting Systems for Man Overboard Retrieval

15:30 – 15:45 Coffee

15:45 – 16:15 **James Fanshawe CBE – Chairman, Maritime Autonomous Systems Regulatory Group**
How Maritime Autonomous Systems can support SAR Operations

16:15 – 16:30 **Mark Covell - Marine Consultant, Exposure Lights**
High Power Portable LED Work Lights with built in MOB Technology

16:30 – 17:00 **PANEL DISCUSSION: Presenters address the Burning Issues**
Unmanned SAR / When can Electronic or Laser Flares be used versus Pyrotechnics?

17.15 – 19.30 **Networking Drinks Reception**



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NEXTGEN SAFETY Systems & Equipment WORKSHOP • 3 APRIL 2019



THEME: What Have We Learned About Marine Safety in 40 Years

08:30 – 09:00 Registration & Coffee

09:00 – 09:15 **John Haynes – Workshop Lead**
NEXT GEN 2019 Overview / Marine Safety WORKSHOP Introduction

09:15 – 09:45 **Cdr Adam Northover – Fleet Navigator & Seamanship, MoD Boats Manager – Royal Navy**
Why Fundamental Navigation Principles still matter in the Digital Age

09:45 – 10:15 **Capt Don Cockrill MBE FNI – Secretary General, UK Maritime Pilots Association**
Maritime Situational Awareness – Determination, Perception and Integrity

10:15 – 10:45 **PANEL DISCUSSION**
Are Digital Navigation Systems Becoming More or Less Complicated?

10:45 – 11:15 Coffee

11:15 – 11:30 **Andrew Pearce – Sales Representative Northern Europe, Seakeeper**
A Stable Vessel is a Safer Vessel

11:30 – 11:45 **Sally Dale – Managing Director, Pinpoint Electronics / Distributor for Sea Machines**
How Autonomous Vessels can Improve Safety for Dull, Dirty and Dangerous Tasks

11:45 – 12:15 **Dr Spike Briggs – Managing Director, Medical Support Offshore**
Integrated Remote Healthcare at Sea in the 21st Century

12:15 – 13:00 **PANEL DISCUSSION**
COTS Equipment / How do we integrate technology and innovations with traditional safety?

13:00 – 14:00 Lunch

14:00 – 14:30 **John Haynes – Managing Director, Shock Mitigation**
Balancing the Need For Speed with Reliability and Durability – of Boats and People

14:30 – 14:45 **Kent Clarke – Military Business Development Manager, David Clark Company**
Effective Communications for Extreme Marine Environments

14:45 – 15:30 **Duncan King – Head of Amphibious Trials & Development, Royal Marines**
Challenges of Trialling Boats and Equipment in a Changing World

15:30 – 15:45 Coffee

15:45– 16:15 **Simon Wood Power – Managing Director, Supermarine Powerboats**
The Reality of Familiarity Breeding Contempt on High Speed Craft

16:15 – 16:30 **James Glover – Managing Director, DYENA**
Utilising Vessel Data Monitoring to improve Crew Safety

16:30 – 17:00 **PANEL DISCUSSION: Presenters address the Burning Issues**
Simulation & Training / The Thin Line between Acceptable Risk and Danger – Is Safety Binary?

17.15 – 19.30 Networking Drinks Reception

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NEXTGEN SHOCK Mitigation Solutions

WORKSHOP • 4 APRIL 2019



THEME: How a Shock Mitigation Strategy Can Reduce Risk of Injury

08:30 – 09:00 **Registration & Coffee**

09:00 – 09:15 **John Haynes – Workshop Lead**
NEXT GEN 2019 Overview / Shock Mitigation Solutions WORKSHOP Introduction

09:15 – 09:45 **John Haynes – Managing Director, Shock Mitigation**
Global Perspective on Shock Mitigation and the Reality at Sea Level

09:45 – 10:15 **Pete Sheppard – Senior Naval Architect, RNLI (UK Lifeboat)**
The Challenges of Integrating WBV Mitigation into Existing Fleets

10:15 – 10:45 **Hans van der Molen – Head of Technical Projects & Innovation, KNRM (NL Lifeboat)**
Presentation Title TBC

10:45 – 11:15 Coffee

11:15 – 11:30 **Andrew Hughes – Business Development Europe, SHOXS**
Cutting edge update on suspension seating innovations and technology

11:30 – 12:00 **Phill Moxley – Senior Engineer, Frazer-Nash Consultancy / BS WBV Panel**
Update on British Standards Whole Body Vibration Panel

12:00 – 12:15 **Sean Gerrett – Sales Manager, Shockwave**
Cutting edge update on suspension seating innovations and technology

12:15 – 13:00 **PANEL DISCUSSION**
Testing & Standards / How do we evolve knowledge of Vertical Impacts to Lateral & Multi Axis?

13:00 – 14:00 Lunch

14:00 – 14:15 **James Taylor – President & CEO, SKYDEX Technologies**
Non-Mechanical Shock Mitigation Solutions for Marine Seating and Decking

14:15 – 14:30 **Jonathan Young – Managing Director, Scot Seats**
Cutting edge update on suspension seating innovations and technology

14:30 – 15:30 **Shock Mitigation Begins With The Hull**
Naval Architects – Designers – Boat Builders

15:30 – 15.45 Coffee

15.45 – 16:15 **Gurmail Paddan – Head of Acoustics & Vibration, Institute of Naval Medicine**
Managing Whole Body Vibration in small boats within the Ministry of Defence

16:15 – 16:30 **Paul Delderfield – Inspector of Health & Safety (Noise & Vibration), HSE**
HSE Position on Whole Body Vibration in Boats and Current Exemptions

16:30 – 17:00 **PANEL DISCUSSION: Presenters address the Burning Issues**
Duty of Care at sea / What simple, low effort solutions reduce the risk of injury on fast craft?

17.00 **End Of Workshop**

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