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CBRN IN THE Maritime Environment

CBRN in the Maritime Environment 2012 is the only dedicated commercial Maritime CBRN conference in the UK that brings together expertise from leading maritime nations and offers vendors the chance to demonstrate to the community how their solutions work in the maritime domain.

This event will focus upon detection, response and recovery at sea for Naval and Government practitioners. Whilst the hazardous materials remain the same, combating the threat that these materials pose at sea requires a different approach, different equipment, and different training.

PLUS TWO PRE-CONFERENCE INTERACTIVE WORKSHOPS

TUESDAY 25TH SEPTEMBER 2012

WORKSHOP A – 09.00-13.00

Counter-Piracy and Maritime Security Strategy



WORKSHOP B – 13.30-17.00

The European Commission DG Move Study into C-IED for Passenger Ships and Ro-Ro Ferries in the Wider Context



CHAIRMAN:

Neil Hall AFNI

SPEAKER PANEL INCLUDES



Lieutenant Colonel Bernd Allert, WMD Non-Proliferation Centre, **NATO HQ**



Lieutenant Yuri Linden, Seariding Instructor, CBRNDC/FF School, **Royal Netherlands Navy**



Alan King, CBRNe Terrorism Prevention Programme, **Interpol**



Örjan Martinsson, Division of Emergency and Maritime Surveillance, **Swedish Coast Guard**



Lauri Luht, Rescue and Crisis Management Policy Department, **Estonian Ministry of the Interior**



Ojars Gerke, Environment Management Specialist, **Latvian Coast Guard Service**



Dr. Roberto Mugavero, National Observatory on Security and CBRNe Defence (Osdife), **Italy**



Richard Love, Professor and Senior Research Fellow, **National Defense University**



Steve Demetriou, Lead Officer Marine Response, **Chief Fire Officers Association**



Brigadier General (R) Ioannis Galatas, **Medical/Hospital CBRN Planner**

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08.30-08.50

REGISTRATION & COFFEE

09.00-09.10

Chairman's Opening Remarks

Neil Hall AFNI

09.10-09.50

Maritime Counter-CBRN Operations in the UK

- The MV NISHA Incident and how this has shaped policy
- Incident response structures and how these work in practice
- Joint training and potential capability gaps
- The 2012 Olympics: Feedback from the community



Neil Hall

AFNI

09.50-10.30

The Commitment to CBRN Prevention

- Command structures and multi-agency incident response
- Approaches and areas of interest
- Understanding the political appreciation of the CBRN threat



Jerry Hart,

Global Security Risk Analyst

10.30

MORNING COFFEE

11.00-11.40

CBRN Threat from the Criminal Perspective

- A review of maritime CBRN incidents
- Interpol support and work in CBRN
- Interpol's maritime security work against crime
- What are the key Radiological and Nuclear over the last 10 years?
- The threat analysis



Alan King, CBRNe Terrorism Prevention Programme,

Interpol

11.40-12.20

The Fire Rescue Service's Tools for Marine Response

- Acknowledgement of the threats to Kent and the South-East
- The FRS and the London Olympics: Preparedness and the FRS' role
- Marine response and tools at the FRS' disposal
- Review of marine response moving forward



Steve Demetriou, Lead Officer Marine Response,

Chief Fire Officers Association

12.20

NETWORKING LUNCH

13.50-14.30

Maritime CBRN in NATO and the CJ-CBRND-TF

- The political background of transformation
- Current maritime CBRN policies in NATO
- The Combined Joint CBRN Defence Task Force (CJ-CBRND-TF): Operations and scope



Lieutenant Colonel Bernd Allert, WMD Non-Proliferation Centre, NATO

14.30-15.10

Maritime Interdiction and NATO: A NATO Mission or State Responsibility?

- The legal framework for state-based maritime interdiction
- The costs and benefits of pursuing a NATO maritime interdiction mandate – making WMD trafficking a NATO mission
- A doctrinal approach to NATO maritime interdiction
- Synthesizing counterterrorism, counterproliferation, and "trafficking" in WMD



Richard Love, Professor and Senior Research Fellow,

National Defense University

15.10

AFTERNOON TEA

15.40-16.20

Managing CBRNe Casualties on Ship and on Shore

- CBRNE threats & targets
- Managing casualties on ship
- Managing casualties on shore
- Conclusions and proposals



Brigadier General (R) Ioannis Galatas, Medical/Hospital

CBRN Planner

16.20-17.00

CBRN: All at Sea in the Olympic Year? Weymouth and Maritime CBRN Challenges

- Protecting critical trade and commerce in the maritime domain of operations is an important part of UK Food, Energy & Economic Security
- How Weymouth fits into the overall counter-CBRN picture: preparedness and response planning in the area
- The capability to produce a chemical, radiological or biological weapon is increasing for individuals
- The sophistication of rogue nations and terrorist organisations to develop chemical, biological, and radiological devices coupled with the growing emphasis on littoral & maritime environments has increased the threat against the U.K.



Stuart Harrison, Crisis Management, Risk Analysis &

Protective Security, GMX

17.00

CHAIRMAN'S CLOSING REMARKS AND END OF CONFERENCE DAY ONE

To attend, contact James Hitchen on Tel +44 (0) 20 7827 6054, Fax +44 (0) 20 7827 6055,

Supported by



08.30-08.50

REGISTRATION & COFFEE

09.00-09.10

**Chairman's Opening Remarks
Neil Hall AFNI**

09.10-09.40

CBRN in the Maritime Domain: Context & Challenges

- Placing the threat in context; levels of disruption and financial impact
- Preparation and Counter Measures: the importance of appropriate investment decision making
- The primary orientation of stakeholders; CBRN Crisis Management in the Information Age

 **Brian Clesham, Former Manager Land Forces National & International CBRN Programme**

09.40-10.20

Critical National Infrastructure and Readiness

- The UK government's work in national infrastructure protection
- What more can we do to protect our key sites?
- The tools available and who operates them
- Bringing the standard of protection forward

 **Guy P Collyer OBE, Centre for the Protection of National Infrastructure, UK Government**


10.20

MORNING COFFEE

10.45-11.25

The Baltic Sea Environment post-WWII and the post-Cold War Challenges

- Challenges of ensuring CBRN protection on EU external border concerning transit of hazardous/radiological materials (on sea, land and air – how the information is received, collected, handled etc)
- Challenges of regulations and classifications of hazardous/radiological substances (types and amounts). Also challenges of handling these substances
- Challenges of ensuring CBRN safety and detection in harbours (goods and passengers)
- Devices and regulations for CBRN monitoring and warning
- International CBRN co-operation around the Baltic Sea
- Some case introductions of some incidents and possible threat scenarios (Nord Stream, hazardous/radiological substances storages, ports etc)

 **Lauri Luht, Rescue and Crisis Management Policy Department, Estonian Ministry of the Interior**

11.25-12.05

Inter-Agency Counter-CBRN


- The respective roles of the Latvian Coast Guard and the Latvian Border Guard
- What is the Latvian view of CBRN challenges?
- Joint operations and incident management
- What capabilities are enhanced by inter-agency cooperation?

 **Ojars Gerke, Environment Management Specialist, Latvian Coast Guard Service & Igors Žuravļovs, HQ, Latvian State Border Guard**

12.05-12.45

The Public/Private Partnership against CBRN Threat in Port and Touristic Maritime Security

- Emerging CBRN scenarios
- Comprehensive public/private networks
- The role of private actors in CBRN Events
- Human factors in prevention and emergency response

 **Dr. Roberto Mugavero, Action Planning for Homeland Security & Protection from CBRN Events, University of Rome**

12.45

NETWORKING LUNCH


14.00-14.40

Boarding Whilst Under CBRN Threat

- RNLN procedures and development
 - How the RNLN plan to handle CBRN threats- what are the considerations?
 - The CBRN School and the training the RNLN provide to their units
 - Collective protection onboard RNLN ships
-  **Lieutenant Yuri Linden, Seariding Instructor, CBRNDC/FF School, Royal Netherlands Navy**

14.40-15.20

The Swedish Coast Guard and CBRN

- How do the Coast Guard prepare for incident response
 - International and regional cooperation
 - A discussion of Sweden's border security
 - Ports of entry and onshore/offshore detection
-  **Örjan Martinsson, Division of Emergency and Maritime Surveillance, Swedish Coast Guard**

15.20

AFTERNOON TEA

15.50-16.30

Private Maritime Security Companies and Facing Modern Piracy and CBRN Threats

- The current seafaring situation
- Piracy development in the past 10 years
- Best Management Practices (BMP4)
- How ISN approaches these issues

 **Christian Lang, Maritime Operations, International Security Network**

16.30-17.10

CBRN Threat to Ships in Port or at Sea: Prevention is Better Than Cure

- Delays, cancellations, re-routing and compensation claims resulting from mass sickness outbreaks cost the cruise line industry millions of pounds annually
- The majority of countermeasures are 'Reactive'
- The PR and reputation damage can be enormous and long lasting
- This presentation seeks to suggest a series of 'Proactive' and 'Reactive' measures that can be implemented to mitigate the effects of an accidental or deliberate biological event on board ship

 **Dave Butler, Managing Director, CBRN Solutions UK**

17.10

CHAIRMAN'S CLOSING REMARKS AND END OF CONFERENCE DAY TWO

email jhitchen@smi-online.co.uk or visit www.smi-online.co.uk/ts18.asp to register online

09.00-13.00

Counter-Piracy and Maritime Security Strategy

HOSTED BY:



Workshop overview:

Since the end of the Second World War, seaborne trade has doubled every decade. In recent years, the international community has witnessed one of the world's oldest crimes against this trade -piracy- re-emerge and flourish. This workshop will give a detailed overview about the requirements and challenges for maritime security companies at the present day.

Agenda

- 09.00** **Welcome & Introductions / ISN Background**
- 09.15** **Counter-Piracy Strategy**
 - a. Development of piracy through the last years
 - b. High – Risk areas at sea
 - c. Different Strategies East-/ West-Africa
- 10.30** **BREAK**
- 10.45** **Requirements for Maritime Security Companies**
 - a. Licenses and Certificates
 - b. Education and training of personnel
 - c. ISN-vessel / Helicopters
- 11.45** **BREAK**
- 12.00** **Logistics and Operational Procedures**
- 12.30** **Open Discussion**
- 13.00** **End of Workshop**

Workshop Leaders:

Thorsten De Kever, Head of Air Operations and
Christian Lang, Maritime Operations, **International Security Network**

About the International Security Network

We develop safety and security concepts for shipping companies, support at the implementation of the recommended measures and deploy armed security teams for the protection of ships at sea. For several years a strong increase in acts of violence, property crimes or deprivations of liberty at sea has been noticeable. Acts of piracy are daily fare. In order to face this, the shipping companies increase their investment in the security and safety of their crews the protection of their ships and of the transported cargo. The ISN has a comprehensive experience and pools relevant competences in the area of the maritime security, which allows us to support ship-owners with holistic security concepts. We protect ship and crew, secure the sound condition and intactness of the shipload and assure course route security in international waters. Our individual services thereby range from the mere consulting via audits aboard up to the operative deployment of armed protection escort. Our task forces have many years of professional experience, being former members of police or military special units and are specially trained for their assignments in the area "Maritime Security". This domain is led by a former fighting ship commander with many years of experience at sea.

The European Commission DG Move Study into C-IED for Passenger Ships and Ro-Ro Ferries in the Wider Context

HOSTED BY:



Workshop overview:

European Commission DG MOVE has commissioned a consortium including Explosive Learning Solutions to conduct a study concerning Measures to Detect and Deter the Bringing of Improvised Explosive Devices on-Board Passenger Ships and Ro-Ro Ferries. Passenger ships and Roll On-Roll Off (Ro-Ro) ferries represent an attractive and accessible target for terrorism and attack with Improvised Explosive Devices (IED); what is the wider context of the study?

Agenda

13.30 Welcome and Introductions

13.45 About Explosive Learning Solutions

14.00 The European Commission DG Move Study Objectives

Assessing the effectiveness of the preventive measures introduced at ports, port facilities and ships to deter or detect the carrying of IEDs on board of passenger ships or Ro-Ro ferries and, based on this assessment, propose an approach to identify, support and promote the best prevention strategy.

14.30 Coffee Break

15.00 The Desired Result of the Study and Progress So Far in the Wider Context

Proposing an approach to identify, support and promote the best prevention strategy based on general experience of the threat.

16.00 Comment and Debate Session

- Further areas of concern identified across the international domain- What are the capability gaps and the requirements needed to plug them?
- Is the emphasis right?
- The commitment of the EU to passenger ship protection

17.00 End of Workshop and Final Networking Opportunity

**Please note that direct results of the study are EC RESTRICTED*

Workshop Leader

Jim Convery, Director, **Explosive Learning Solutions Ltd**

About Explosive Learning Solutions

Explosive Learning Solutions' background gives us a comprehensive understanding of the threat posed by Chemical, Biological, Radiological, Nuclear, explosives (CBRNe), and we are experts in how to plan for and respond to CBRNe incidents and emergencies. Experienced in counter-terrorism operations, our expert consultants have a background in radiological protection, chemical weapon protection, and civil health protection and contingency planning. Our consultants have considerable experience in Homeland Security Counter CBRNe response measures and contingencies. With a baseline in military chemical weapons, radiological protection and civil health protection responses our experiences in counter-terrorism operations provide a unique and precise understanding of the CBRNe threat. Explosive Learning Solutions is able to provide clarity to the emotive CBRNe threat and direction for the focus of scarce resources. We give consultancy and bespoke specialist CBRNe training to security staffs, multi-agency first responders and the specialist supporting contingency operations.

CBRN IN THE MARITIME ENVIRONMENT

Conference: Wednesday 26th -Thursday 27th September 2012 | The Marriott Regents Park, London Workshops: Tuesday 25th September

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