6th Annual

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Equipping the warfighter with the next generation of offensive capabilities

19th-20th September 2012 London, UK



Highlights of this year's event:

- Discover how both the British and the New Zealand Army are reacting to the recent operational deployments in their future procurement plans for small arms, fire control and night vision systems - applying their lessons to your own modernisation efforts
- Understand the CONOPs behind the deployment of new modular, switch calibre weapon systems in briefings from the Army of the Czech Republic & Polish Military University of Technology and how these systems can help improve the flexibility and lethality of your soldiers
- Learn what technical developments are being pursued in modern anti tank systems with briefings from the German Army and SAAB - improving the efficiency of your own procurement efforts
- Hear the latest user feedback from a range of systems, including the XM25, from US Army TRADOC Capability Manager - and how the US Army is looking to restructure squad organisation for greater effect

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Exclusive briefings from:



Colonel Daniel Barnett, Director, Solider Division, Capability Development Integration Directorate, US ARMY



Lieutenant Colonel John Whitchurch, Commanding Officer, Small Arms School Corps, HQ Infantry, Land Warfare Centre,



Lieutenant Colonel Staffan Lundmark, Commanding Officer, Soldier Section, SWEDISH ARMED FORCES HO



Lieutenant Colonel Vern Bennett, Deputy Director Land Capability Delivery, Capability Branch, **NEW ZEALAND DEFENCE FORCE**



Lieutenant Colonel Mirosław Zahor, Professor Assistant, POLISH MILITARY **UNIVERSITY OF TECHNOLOGY**



Major Mark Melhorn, Requirements Manager, Light Weapons, Photography and Batteries IPT, DE&S, UK MOD



Major Haydn Gaukroger, Requirements Manager, Dismounted Soldier Systems IPT, DE&S, UK MOD



Captain Maximilian Gleixner, Infantry Future Developments Section, **GERMAN ARMY**



Dr. Riyad Ratrout,

Head of Weapons and Ammunition Testing, KIND ABDULLAH II DESIGN AND **DEVELOPMENT BUREAU**



Richard Macha.

Armaments Management, Research and Development Department, CZECH MOD



Pascal Paulissen, Programme Manager, Next Generation Small Arm, TNO



Nicholas Drummond, INDEPENDENT STRATEGY CONSULTANT

INFANTRY WEAPONS 2012

Dear colleague,

Entering into its 6th year, Infantry Weapons 2012 features one of our most diverse speaker panels to date with representatives from over 10 nations. As the only conference in Europe dedicated to soldier lethality, it represents an unrivalled opportunity to not only hear from senior military officers and subject matter experts on cutting edge developments but also engage in two-way discussion about the future of infantry systems and their supporting accessories.

Please take this opportunity to examine our agenda and should you have any questions regarding any aspect of the event then please do not hesitate to contact our enquiries team on +44 (0) 207 368 9300 and remember, if you book before the 22nd June, you could save up to £300.

I hope this brochure finds you well and I look forward to meeting you in September

Very respectfully

Matthew Smith

Event Director, 6th Annual Infantry Weapons 2012 DefenceIQ NATIONS REPRESENTED AT PAST INFANTRY WEAPONS SERIES INCLUDE:



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CONFERENCE AGENDA DAY ONE - 19TH SEPTEMBER 2012

08.30 - 09.00 COFFEE & REGISTRATION

09.00 - 09.10 Chairman's Opening Remarks

09.10 - 10.20

REPLACING INFANTRY SECTION WEAPONS - CURRENT THINKING ON THE FUTURE OF SMALL ARMS FOR THE BRITISH DISMOUNTED CLOSE COMBATANT

- Overview of the current position
- Small Arms UORs on Operation HERRICK (note LASM sits outside our area) and how this impacts current thinking
- The near future where the improvement will come from (optics, night vision, training et al)
- The next generation of small arms (advanced fire control systems)



Major Mark Melhorn, Requirements Manager, Light Weapons, Photography and Batteries IPT, DE&S, UK MoD



Major Haydn Gaukroger, Requirements Manager, Dismounted Soldier Systems IPT, DE&S, **UK MOD**

10.20 - 11.00

TRAINING THE DISMOUNTED SOLDIER - THE ROLE OF THE SMALL ARMS SCHOOL CORPS

- How recent operational experiences are affecting training requirements
- An insight into how the British Army conducts small arms training
- What is being done to help improve the flexibility/ lethality of the dismounted soldier
- The role of simulators in improving marksmanship training



Lieutenant Colonel John Whitchurch, Commanding Officer, Small Arms School Corps, HQ Infantry, Land Warfare Centre, British Army

11.00 - 11.30

COFFEE & NETWORKING

11.30 - 12.10

THE FUTURE OF SUPPORT WEAPONS - FLEXIBLE FIREPOWER COMBINED WITH OPTIMISED CAPABILITIES

 Freedom of action: Meeting the requirements from future battlefield scenarios by optimising multiple capabilities



Anders Haster, Director Product Management, Ground Combat Systems, **SAAB Dynamics AB**

12.10-12.30

NEXT GENERATION OF LIGHT ANTI ARMOUR WEAPON (NLAW)

FROM A USER PERSPECTIVE

 Introduction of NLAW in the British Army, recent experiences from a user perspective
 SPEAKER TBC

12.30-12.50

CARL-GUSTAF MULTI PURPOSE WEAPON SYSTEM FROM A USER PERSPECTIVE

 Multiple Capabilities - One weapon system. User experiences from using the Carl-Gustaf system in theatre

SPEAKER TBC

12.50 - 14:00

NETWORKING LUNCH

14:00 - 14:40

SMALL ARMS DEVELOPMENTS WITHIN THE NEW ZEALAND DEFENCE FORCE - THE REINTRODUCTION OF SHOTGUNS AND DEVELOPMENTS WITHIN THE ASSAULT RIFLE REPLACEMENT PROGRAMME

- Examining why the New Zealand Army opted to bring shotguns back into service: Equipping the NZDF for the contemporary operating environment
- Viewing the shotgun as a platform current

ammunition types utilised by the New Zealand and CONOPs behind its deployment

- Assessing the utility of a 7.62mm Light Support Weapon, how the weapons have been distributed and feedback from soldiers on the ground
- Current status of the NZDF assault rifle replacement programme and future plans to replace other weapons over the next 3 years

Lieutenant Colonel Vern Bennett, Deputy Director Land Capability Delivery, Capability Branch, NEW ZEALAND DEFENCE FORCE

14:40 - 15:20

DEVELOPING WEAPON SYSTEMS TO MATCH THE CURRENT THREATS FACING THE GERMAN ARMY

- Bringing a new designated marksman rifle into service: examining the requirement behind the G28 and the CONOPS behind its employment
- Examining the results of the tactical test-trials and feedback from its deployment in Afghanistan
- Understanding the limitations of current shoulderlaunched effectors and the need for a new infantry guided missile systems - MELLS



Captain Maximilian Gleixner, Infantry Future Developments Section, German Army

15:20 - 15.40

COFFEE AND NETWORKING

15.40 - 16:20 URGENT, OPERATIONAL, REQUIREMENTS?

- An overview of 10 years of rapid-response procurement
- Essential, or just desirable?
- Overview of critical tactical issues
- User and Provider pressures
- Finding a balance across the Lines of Development Lieutenant Colonel (Ret'd) Jim Storr PhD,



16.20 - 16.50

PANEL: THE FUTURE DIRECTION OF INFANTRY WEAPON SYSTEMS

- With many soldier modernisation programmes allowing images from soldiers primary weapon systems to be fed back into the larger C4I system, how will the associated risk of information overload be mitigated in an already information heavy operating environment?
- Is it time to begin considering a "next generation" of ammunition calibres to go along with the "next generation" of infantry weapon systems? Is the logistical simplicity of maintaining existing ammunition tooling worth the performance sacrifice of higher efficiency 6.5/6.8/7mm bullets?
- To what extent will airburst technology become a centrepiece of infantry capabilities within the next decade, and how will these systems likely to be distributed and used at the squad/platoon/battalion
- Are dual use anti-structure and anti-armour warheads the way of the future, or are they simply an answer to the immediate requirement for a cheaper, simplified system for use in current operational theatres?

16.50 - 17.00 CHAIR'S CLOSE AND END OF DAY ONE

ASDNews













CONFERENCE AGENDA DAY TWO - 20TH SEPTEMBER 2012

08.30 - 09.00 COFFEE & REGISTRATION

09.00 - 09.10 Chairman's recap

09.10 - 09.50 A FRESH LOOK AT THE EQUIPMENT AND STRUCTURE
NEEDED FOR SUCCESSFUL SQUAD OPERATIONS IN

NEEDED FOR SUCCESSFUL SQUAD OPERATIONS IN THE MODERN OPERATING ENVIRONMENT

- Understanding the rationale behind the Squad: Foundation of the Decisive Force approach and what key areas for improvement this flagged up
- Developing new structures and equipment to help the dismounted infantryman - how the "gaps were plugged"
- User feedback on a range of new weapon systems being trailed by the US Army, including the XM25



Colonel Daniel Barnett, Director, Solider Division, Capability Development Integration Directorate, US ARMY

09.50 - 10.30 THE PRESENT AND THE WAY AHEAD- AK5 C/D AND NEXT GENERATION SMALL ARMS

- Overview of the Ak5C/D examining the need for the rifle system and its features
- Looking at the deployment of the system user feedback from recent use in theatre
- Assessing the sights and ammo employed with the system, as well as future needs for different ancillary items.
- A view to the requirements for the next generation of small arms



Lieutenant Colonel Staffan Lundmark, Commanding Officer, Soldier Section, SWEDISH ARMED FORCES HQ

10.30 - 11.00 COFFEE & NETWORKING

11.00 - 11.40 EXAMINING THE LETHALITY COMPONENT OF THE 21ST CENTURY SOLDIER PROGRAMME

- Why the Czech Army decided to rearm for a new Assault rifle CZ 805 BREN A1/A2 ?
- Technical Basic parameters of CZ 805 BREN
- Assessment of user the Czech Army
- Lessons learnt of the use of CZ 805 BREN from military peace operations (i.g. ISAF)



Richard Macha, Armaments Management, Research and Development Department, **Czech MoD**

1.0 - 12.20

EXAMINING THE MSBS 5.56MM ASSAULT RIFLE -THE POLISH SOLDIER'S FUTURE WEAPON

- The reason of undertaking the MSBS development
- Requirements for the MSBS future rifle
- The design features of the MSBS rifle
- MSBS as a part of the weapon system
- The present status of work and directions of further development



Lt. Col. Mirosław Zahor, Professor Assistant, Polish Military University of Technology

12.20 - 13.30 NETWORKING LUNCH

13.30 - 14.10

A NEW APPROACH TO DEVELOPING AN INTERMEDIARY CALIBRE FOR INFANTRY SYSTEMS

- Taking a fresh look at developing a new calibre starting with end performance in mind
- Not limiting the calibre design by existing action sizes - how to optimise case design to meet your stated performance objectives
- Developments to date and the timeline for calibre completion/new weapon design



Nicholas Drummond, Independent Strategy Consultant

14.10 - 14.50

FINDING THE RIGHT ARMAMENT: ASSESSMENT OF COMPONENTS, SYSTEMS AND COLLECTIVES

- Understanding the context of Netherlands small arms procurement to date
- Design of a fitting evaluation environment to ensure the needs of the soldier are met
- Examples of different modes of assessment and typical problems that are encountered with systems/tests
- Current state of affairs and the way ahead for the Netherlands Armed Forces



Pascal Paulissen, Programme Manager, Next Generation Small Arm, **TNO**

14.50 - 15.20

COFFEE AND NETWORKING

15.20 - 16.00

EXAMINING LESS-THAN-LETHAL DEVELOPMENTS WITHIN THE CONTEXT OF POLICING

- Developments and issues with stand off less than lethal systems
- The use of sound hailers and other audio systems by police forces and how this contrasts with military use
- Developments in package flexibility escalating from less-than-lethal to lethal with one system
- Should greater emphasis be put on discriminatory or crowd control systems? Is one or the other gaining greater importance?



Pierre Gobinet, Researcher, Small Arms Survey

16.00 - 16.40

TEST AND EVALUATION OF THE NEXT GENERATION OF AMMUNITION AND WEAPONS PLATFORMS

- Understanding the role of the King Abdullah II
 Design Bureau in testing infantry systems for the
 lordanian armed forces
- Recent tests conducted on ammunition and small arms systems - performance and results
- Future testing and evaluation to be conducted over the next 12-18 months



Dr. Riyad Ratrout, Head of Weapons and Ammunition Testing, **Kind Abdullah II Design and Development Bureau**

16.40 - 16.50

CHAIR'S CLOSE AND END OF DAY TWO

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Defence

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