

# RUSI C4ISTAR CONFERENCE 2008

## Ensuring NEC Coherence

2-3 October 2008, The Hilton Brighton Metropole

Organised in association with the Ministry of Defence

### Conference Programme:

#### DAY ONE: THURSDAY 2 OCTOBER 2008

0800 Registration and Coffee

Sponsored by:



#### SESSION ONE: KEYNOTE SESSION

Chair: **Professor Michael Clarke** (Director, RUSI)

0900 **Address: Presentation Title TBC**  
**Air Marshal Iain McNicoll CB CBE BSc FRAeS RAF**, Deputy Commander-in-Chief (Operations), Air Command, Royal Air Force

0925 **Address: Presentation Title TBC**  
**Lieutenant General Ulrich Wolf**, Director General NCSA, NATO

0950 **Address: 'Managing Complex Information Structures'**  
**Brigadier General Michael Basla USAF**, Vice Director, Command, Control, Communications and Computer Systems, Joint Staff, Department of Defence, US

1015 Discussion Session

1045 Morning Coffee

#### SESSION TWO: OPERATIONAL PERSPECTIVES

Chair: **Major General (ret'd) Dr Jonathan Bailey CB MBE PhD**, (Director, Business Development, Boeing Defence UK)

1115 **'Implementing Information Management in Theatre'**  
**Major Tom Crapper**, Officer Commanding 52 Infantry Brigade Headquarters and Signal Squadron (258), British Army

1135 **'Impact of Canadian ISTAR Omnibus Project in Theatre'**  
**Major Keith Laughton**, Project Director for Canadian ISTAR Omnibus project

1155 **'NEC: A View from the CAOC'**  
**Wing Commander Adrian Frost RAF**, Policy Planning-1, Ministry of Defence, UK and former Chief of Combat Operations, Al Udeid

1215 **'C4ISTAR in the Maritime Domain'**  
**Commodore Richard Jackman BSc CEng FIET Royal Navy**, Assistant Chief of Staff C4ISTAR, Royal Navy

1235 Discussion Session

1305 Lunch Sponsored by:



**SESSION THREE: BUILDING A COHERENT ARCHITECTURE**

Chair: **Group Captain Barry Smith RAF (Ret'd)**, London Operations, L-3 Communications

1405 **'Defining and Meeting the Architecture Challenge'**  
**Air Vice-Marshal Bob Allan OBE MSc BSc(Eng) CEng FIET ACGI RAF**,  
Director General, Information Systems and Services, DE&S, Ministry of Defence,  
UK

1425 **'Future Core Networks'**  
**Air Commodore Peter Beange MA BSc (Hons) RAF**, Future Core Networks  
IPT Leader, DE&S, Ministry of Defence, UK

1445 Discussion Session

1515 Afternoon tea

1545 **'Back to Basics and Basic Architectures'**  
**John Stokoe CB CBE**, Defence & Security Sector Director, BT Global Services

1605 **'An Evolutionary Approach to a Coherent Architecture'**  
**Rich Mercadante**, Director, C4ISR Programme Capture, Advanced Concepts &  
Integrated Solutions, Northrop Grumman Integrated Systems and  
**Chris Durbin**, UK Business Account Manager, Northrop Grumman Mission  
Systems

1625 **'Secure Ad Hoc IP Nodes'**  
**Jeff Parker**, Business Development Director for Information Infrastructure  
Solutions, EADS Defence Communications Systems

1645 Discussion Session

1715 End of Day One

1830 Drinks Reception Sponsored by: **GENERAL DYNAMICS**  
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1930 Conference Dinner

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### DAY TWO FRIDAY 3<sup>RD</sup> OCTOBER 2008

#### SESSION FOUR: PUTTING THE HUMAN AT THE CENTRE

Chair: **James Fanshawe CBE** (Military Advisor, Manpower Software)

0900 **'Why the Human Component In Every Defence Line of Development Is Important For NEC - And Essential For Coherent NEC?'**  
**Professor Karen Carr**, Director, Centre for Human Systems, Defence Academy

0920 **'Preparing For Operations – Joint Training For A Network-Enabled World'**  
**Alasdair Campbell**, Task Lead, Joint Collective Training, Joint Enablers for the Realisation of NEC (JERNEC)

0940 **'Facing the Capability Challenge; A Partnership Approach'**  
**Paul Thompson**, Technical Director, Niteworks

1000 Discussion Session

1030 Morning Coffee

#### SESSION FIVE: SYSTEMS ENGINEERING, TEST AND EXPERIMENTATION FOR NEC

Chair: **Elizabeth Quintana** (Head, Military Technology & Information Studies, RUSI)

1100 **'A New Approach to Systems Engineering & Standards'**  
**Alex Mitchell**, ISEPO IPT Leader, DE&S, Ministry of Defence UK

1120 **'Generating Capability from Demonstration'**  
**Chris Suckling MBE MBA BSc CEng MIEE FRSA MIoD**, Account Director, Battlespace & Logistics Information Systems, Fujitsu Defence & Security Services

1140 **Discussion Session**

1210 Lunch                      Sponsored by: 

#### SESSION SIX: ISTAR ARCHITECTURE, SYSTEMS DESIGN & INFORMATION

##### MANAGEMENT

Chair: **David Hudson** (Principal Industry Consultant, VEGA)

1310 **'Information Management for Tomorrow's Joint Operations'**  
**Dr Sandy Wilson**, Managing Director, General Dynamics UK

1330 **'Operational Concept Demonstration - Delivering Capability to the Warfighter'**  
**Mark Mangham MA, BA (Comb Hons)**, Senior Manager, Detica

- 1350        **'Realising an Effective Information Layer – Practical Help for the Decision Makers'**  
**Harry Duncan**, C4ISTAR Systems Architect, Thales UK
- 1410        **'Information Management: How Current Research Could Overcome Operational Challenges'**  
**Air Vice-Marshal (Ret'd) Richard Moore**, Director Network Enabled Capability Solutions, QinetiQ
- 1430        **'No Longer Free to Air - Defence Spectrum Reform in the UK'**  
**Steve Jones**, Cave Implementation Team Leader, Ofcom secondee to Ministry of Defence, UK  
**Jason Wiltshire-Brown**, C4ISTAR Spectrum Lead, Logica
- 1450        Discussion session

**SESSION SEVEN: KEYNOTE SESSION**

- Chair:        **Bill Robins CB OBE BSc(Eng) M Phil C Eng FIET FBCS CIP** (Associate Fellow, RUSI)
- 1520        **'Ensuring NEC Coherence'**  
**Air Vice-Marshal Carl Dixon OBE RAF**, Capability Manager (Information Superiority), Ministry of Defence, UK
- 1550        Discussion Session
- 1610        Summary and Close of Conference