

UK PONI Conference 2011: The Last and Next 60 Years of the UK's Nuclear Deterrent

29 June 2011

0800 Registration
 Coffee and Pastries

0855 Conference Welcome
 Professor Michael Clarke, Director General, RUSI

0900 **Session One: Morning Keynote**

Chair: **Professor Michael Clarke**, Director General, RUSI

Speaker: **Bernard Jenkin MP**, Member of Parliament for Harwich and North Essex

0945 **Session Two: The Last 60 Years of the UK's Nuclear Deterrent**

Chair: **Robin Pitman OBE**, Former Head of Nuclear Issues, British Embassy Washington DC

Speakers: **Daniel Salisbury**, Research Assistant, IISS
 'Five delivery systems and crucial strategic choices: The UK's first nuclear decade 1952 – 1962'

Kate Pyne, Technical Historian, AWE
 'The Last 60 Years of the UK Deterrent'

James Jinks, Queen Mary University of London
 'UK Polaris Programme'

1045 Morning Tea and Coffee

1115 **Session Three: Nuclear Geopolitics and Future Developments**

Chair: **Tim Hare**, Former Director of Nuclear Policy, UK Ministry of Defence

Speakers: **Ben Moody**, British Pugwash

Henry Philippens, MA Student, King's College London
'Sticking to your Guns: The Prospects of moving to a posture of minimum deterrence and de-alerting'

Allan Short
'Natural resource scarcity and nuclear proliferation'

Matthew Harries, PhD Candidate, King's College London
'Strategy and UK-French Cooperation'

1230 Lunch

1315 **Session Four: Lunch Time Debate**

"For the UK a minimum credible independent nuclear deterrent can only be realized by an SLBM system continuously at Sea"

Chair: **Professor Sir Lawrence Freedman**, Professor of War Studies and Vice-Principal, King's College London

Speakers: **Frank Miller KBE**, Former Special Advisor to President George W Bush

Dr Nick Ritchie, Research Fellow, Department of Peace Studies, Bradford University

1400 **Session Five: Future Technological Considerations**

Chair: **Dr Malcolm Franks**, AWE

Speakers: **Dr Peter Liddell**, DSTL
'Sustainment of credible 'latent' deterrents'

Ed Currie, Former MoD
'Balancing technology and requirements in future systems'

Stacey Robertson, AWE

'Muon Scattering Tomography as an aid to nuclear security and treaty verification measures'

Christopher Palmer, Assistant Chief Engineer, Astute Programme, Rolls Royce

'Management of Key Technologies in the UK Naval Nuclear Propulsion Programme'

1530 Afternoon Tea and Coffee

1600 **Session Six: Wider Nuclear Issues**

Chair: **Professor Wyn Bowen**, Professor of Non-Proliferation and International Security,
Department of War Studies, King's College London

Speakers: **Aaron Haviland**, MPhil Candidate in International Relations, St John's College,
University of Cambridge

'The disputed bargain of the non-proliferation treaty'

Michael C Teichmann, MPhil Candidate, Cambridge

*'Withering the Conference of Disarmament?: How to resolve the persistent deadlock
in nuclear disarmament negotiations'*

Paul Higson, AWE

'Transition to Zero: A change leadership perspective'

Oliver Barton, DSTL

*'The Follow-on to New START: Prospects for Large-Scale Reductions in US and Russian Tactical
Nuclear Weapons'*

1730 Closing Remarks

Professor Sir Mark Welland, Chief Scientific Advisor, Ministry of Defence

'The history of the 1958 Mutual Defence Agreement and challenges for the future'

1800 Conference Closes

1815 Evening Drinks Reception

1915 Dinner

Session Seven: Evening Keynote Speech

Chair: **Andrew Jupp**, Managing Director, AWE

Speaker: **Professor The Lord Peter Hennessy**
