

# THE FUTURE OF STRATEGIC DETERRENCE FOR THE UK

Wednesday 06 July 2005

0815 Registration and Morning Coffee

0855 Administrative Announcements

0900 Conference Welcome

Rear Admiral Richard Cobbold CB FRAeS,  
Director, RUSI

## SESSION ONE: THE UK INDEPENDENT DETERRENT: POLICY AND REQUIREMENTS IN THE NEW STRATEGIC ENVIRONMENT

Chair (and Introductory Remarks): Admiral Sir Raymond Lygo KCB

0910 The Evolution of Nuclear Strategy

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

0930 Professor Michael Clarke, International Policy Institute, King's College, London

0950 *Discussion Session*

1020 Morning Coffee

## SESSION TWO: THE UK, THE US, FRANCE AND NUCLEAR WEAPONS

Chair: Rear Admiral Richard Cobbold CB FRAeS, Director, RUSI

1050 Nuclear Deterrence and UK/US Relations

Professor Ken Young, ESRC UK Centre for Evidence Based Policy and Practice,  
Queen Mary, University of London.

1110 French Perspectives on Nuclear Deterrence

Dr. Bruno Tertrais, Senior Research Fellow, Foundation for Strategic Research,  
Paris

1130 *Discussion Session*

1200 Lunch

**SESSION THREE: THE PUBLIC DEBATE IN THE UK:**

Chair: **John Sloboda**, Executive Director, Oxford Research Group

**1300 Panel:**

- Air Marshal The Lord Garden, Liberal Democrat Spokesman on Defence
- Professor Malcolm Chalmers, Professor of International Politics, University of Bradford
- Dr. Julian Lewis MP, Shadow Minister for Defence
- Richard Norton-Taylor, Security Editor, The Guardian

**1400 *Discussion Session***

**1440 *Afternoon Tea***

**SESSION FOUR: THREATS, CURRENT AND FUTURE CAPABILITIES**

Chair: **Rear Admiral Richard Cobbold CB FRAeS**, Director, RUSI

**1510 Panel:**

- Tim Hare, Director Marketing UK, Thales Underwater Systems Ltd
- Duncan Lennox, Editor, Jane's Strategic Weapon Systems
- Dr Chris Maddock, Independent Consultant and former official, UK Ministry of Defence
- **'Strategic Issues and Capability Choices for the UK'**  
Michael Codner, Director, Military Sciences, RUSI.

**1610 *Discussion Session***

**1650 *Closing Remarks:***

**Rear Admiral Richard Cobbold CB FRAeS**, Director, RUSI  
**Conference Close**

**1700 *Conference Reception in the Library***

## BIOGRAPHIES

**Professor Malcolm Chalmers** is Professor of International Politics at the Department of Peace Studies, University of Bradford. His areas of specialism include UK defence budgeting, nuclear weapons policy and security sector reform. Relevant publications include *The New Activism: UK Defence Policy since 1997*; *Uncharted Waters: The UK, Nuclear Weapons and the Scottish Question* (with Professor William Walker); *'Bombs Away'? Britain and Nuclear Weapons under New Labour*; and *Defence for the 21st Century: Towards a Post-Cold War Force Structure*.

**Professor Michael Clarke** is the Director of the International Policy Institute at King's College London. He was, from 1990 to 2001 the Director of the Centre for Defence Studies at King's College London, a MoD-funded research centre that concentrates on defence and security questions in the broadest sense of the terms. He is responsible for research direction at the International Policy Institute and for strategic leadership of all its programmes. He has previously been a teacher of international politics at the Universities of Aberystwyth, Manchester and Newcastle upon Tyne, and has also taught at the University of New Brunswick, and the Open University. He lectures regularly at many universities in the UK, as well as the new Joint Staff College, at the Royal College of Defence Studies, at the NATO School in Oberammergau and at the Clingendael Institute in the Netherlands. He has been a Guest Fellow at The Brookings Institution, Washington, DC, and a Fellow in Foreign Policy Studies at the Royal Institute of International Affairs in London. He has been the senior Specialist Advisor to the House of Commons Defence Committee since 1997, having served previously with the House of Commons Foreign Affairs Committee 1995-7, and on the High Level Group of Experts to advise Commissioner Van den Broek at the European Commission 1996-7. In 2004 he was appointed the UK member of the United Nations Secretary General's Advisory Board on Disarmament Matters, and was also elected to the Council of the Royal Institute of International Affairs. He is a member of the Board of Trustees for the United Nations Institute for Disarmament Research in Geneva.

**Rear Admiral Richard Cobbold CB FRAeS** is Director of the Royal United Services Institute for Defence and Security Studies (RUSI). He attended the Royal Navy Staff College and the Royal College of Defence Studies. Joining the Royal Navy in 1960 as a Supply Officer, he transferred to the Seaman Branch in 1967 to specialise as a helicopter observer. His at-sea postings included an exchange tour with the Royal Australian Navy from 1970-72, posting as Senior Observer of 820 Naval Air Squadron, command of the Tribal Class Frigate HMS Mohawk and the Type 22 Frigate HMS Brazen, as Captain of the 2nd Frigate Squadron in HMS Brilliant commanding the Royal Navy's Tasks Unit in the Gulf. Ministry of Defence postings have included the Directorate of Naval Plans, the Staff of Deputy Chief of Defence for Operational Requirements for Sea, and later Joint Systems. He retired from the Royal Navy in March 1994. He is a fellow of the Royal Aeronautical Society and of the Atlantic Council, a Governor of the London Nautical School and a specialist advisor to the House of Commons Defence Committee.

**Michael Codner** is Director, Military Sciences, RUSI. As such he conducts research on a variety of issues ranging from defence policy, strategic theory and doctrine, to defence management, future concepts and the application of technology to military capability. He also oversees conferences, meetings and lectures in these areas. He retired from the Royal Navy in October 1995 after a career as a Seaman Officer principally working in anti-submarine warfare, maritime strategy and doctrine, future concepts, defence policy and international issues. He was a lecturer in strategy and operational art at the US Naval War College, was a Defence Fellow at the Centre for Defence Studies, King's College, London and has held a NATO Fellowship working on coalition interoperability. He lectures regularly at University College, London, Southampton University and

the University of St. Andrews. His written work includes editorship and principal authorship of the First Edition of BR1806: The Fundamentals of British Maritime Doctrine and numerous articles, papers and chapters in journals and collections.

**Professor Sir Lawrence Freedman KCMG CBE FBA FKC** is Vice-Principal & Professor of War Studies, King's College, London. He has been Professor of War Studies since 1982 and has recently been appointed to the position of Vice Principal (Research) having previously been Head of the School of Social Science and Public Policy. Professor Freedman has written extensively on nuclear strategy and the cold war, as well as commentating regularly on contemporary security issues. His most recent books include an Adelphi Paper on The Revolution in Strategic Affairs, edited books on Strategic Coercion and terrorism, an illustrated book on The Cold War, a collection of essays on British defence policy and Kennedy's Wars that covers the major crises of the early 1960s over Berlin, Cuba and Vietnam. A book on deterrence has just been published. He was educated at Whitley Bay Grammar School and the Universities of Manchester, York and Oxford. Before joining King's he held research appointments at Nuffield College Oxford, IISS and the Royal Institute of International Affairs. Elected a Fellow of the British Academy in 1995 and awarded the CBE in 1996, he was appointed Official Historian of the Falklands Campaign in 1997. He was awarded the KCMG in 2003.

**Air Marshal The Lord Garden KCB FRUSI** is Liberal Democrat Spokesman on Defence. Tim Garden read Physics at Oxford and International Relations at Cambridge. He was a pilot in the Royal Air Force for 32 years and command posts included a V-bomber squadron and a helicopter station. He was the RAF Director of Defence Studies from 1982 to 1985. He became Assistant Chief of the Air Staff in 1991 and was subsequently responsible for forward planning for all three Services as Assistant Chief of the Defence Staff (Programmes) in the Ministry of Defence. His final military post was as the Air Marshal Commandant of the Royal College of Defence Studies. He retired from the RAF in 1996 and was then Director of the Royal Institute of International Affairs at Chatham House, London. He has been Visiting Professor at the Centre for Defence Studies at King's College, London since 2000. He has sat as a Liberal Democrat peer since June 2004. He is the front bench Defence spokesman, is a member of the Delegated Powers and Regulatory Reform Select Committee and is President of Liberal International British Group. He has written widely on security topics, and his publications include two books: Can Deterrence Last? and The Technology Trap. He also broadcasts regularly on international affairs. He is an Honorary Fellow of St Catherine's College Oxford, a Fellow and former Council Member of the Royal Aeronautical Society (FRAeS), and an Associate Fellow of the Royal Institute of International Affairs. He was appointed a Commissioner to the Commission on Globalisation in 2002, and was the Wells Professor at Indiana University for 2004. He is a Fellow and Council member of RUSI. He was appointed a CB in 1992 and received his knighthood in 1994. He was appointed as a Chevalier de l'Ordre National de la Légion d'Honneur by President Chirac in July 2003 for his work on European defence issues.

**Tim Hare** Director Marketing UK, Thales Underwater Systems Ltd. He joined the Royal Navy in 1965 and after training in HMS Eastbourne, and service as a Midshipman in HM SHIPS Corunna and Cambrian, he obtained a degree in Electrical Engineering at the Royal Naval Engineering College at Manadon in Plymouth. He joined the submarine service in 1970 with sea appointments in HMS Osiris and the POLARIS submarine HMS Resolution. Other appointments in the procurement executive and at MOD London followed; all related to the policy, procurement and development of submarine weapon systems with a major focus on the POLARIS and TRIDENT submarine ballistic missile programmes. He was promoted Captain in 1993 and his first job was the Project Manager for the Vanguard Class SSBN Tactical Weapons System. He took up his final appointment as Director Nuclear Policy in the MOD, in the rank of Commodore in 1999 where he was responsible for the development and promotion of UK nuclear deterrence policy at home, in NATO and in the wider

international community, UK nuclear force planning and the provision of ministerial advice on the US missile defence initiative.

On retiring from the Royal Navy in 2002, he took up his current position at Thales.

**Duncan Lennox OBE** is Editor, Jane's Strategic Weapons Systems. He served for 32 years in the Royal Air Force as an engineer specialising in guided weapons and air defence. He then worked in the Ministry of Defence Procurement Executive (now Defence Procurement Agency) on missile development programmes, and at HQ 11 Group (now 3 Group) on UK air defence. He was a founder member of the UK Strategic Defence Initiative Participation Office in 1985, and has been associated with ballistic missile defence issues ever since. He formed Duncan Lennox Associates in 1987, and provides consultancy services in the missile defence area to governments and industry. In 1989 he created Jane's Strategic Weapon Systems, which provides details of ballistic and cruise missiles, surface-to-air missiles and anti-ballistic missile systems throughout the world. He has written this publication since then, and it is continually updated. In 2002 he was appointed as a special advisor to the House of Commons Defence Committee.

**Dr. Julian Lewis MP** is the Conservative Party Member of Parliament for New Forest East and Shadow Minister for Defence responsible for the Royal Navy and Nuclear Deterrence issues. He has previously been Shadow Minister for the Cabinet Office and a member of the Defence Select Committee. Between 1981 and 1985, during the second wave of the Campaign for Nuclear Disarmament (CND), he was a leading organiser of the anti-CND, pro-Trident and Cruise Missile Campaigns. His doctoral thesis, undertaken at St. Antony's College, Oxford, was published in 1988 as "Changing Direction: British Military Planning for Post-War Strategic Defence, 1942-47". A second edition, based on newly declassified archives, appeared in 2003.

**Admiral Sir Raymond Lygo KCB** joined the Royal Navy at 18 as a Naval Airman 2nd class and thirty-six years later retired as a full Admiral, having been both Vice Chief and Chief of the Naval Staff. On retirement from the Navy, he joined British Aerospace (then a Nationalised company), took it into privatisation, and rose to Chief Executive before retiring twelve years later. He then became a Director of James Capel, London & Edinburgh Trust, and then Chairman of TNT Express UK & Europe, Rutland Trust PLC and of Liontrust First UK Investment Trust. He is President of the Fleet Air Arm Officers Association, a past President of the City Livery Club, a freeman of the City of London, and a Liveryman of both Coachmakers and Shipwrights.

**Dr Chris Maddock** is an Independent Consultant and former official, UK Ministry of Defence. He originally trained as a chemical engineer and joined the MoD over 30 years ago as a scientist at the Defence Operational Analysis Establishment. Subsequent appointments included being head of the weapons section of the Strategic Systems Performance Analysis Group in the early 1980s, when the Chevaline update to Polaris was introduced into service and Trident was chosen as its successor. He later worked for the Assistant Chief of the Defence Staff (Operational Requirements) Sea and the Capability Manager (Strategic Deployment) organisations, notably on the Business Cases for the submarine-launched cruise missile (TLAM) and the future carrier and its aircraft (CVF and JSF). His final MoD post was as a Deputy Director in the Chief Scientific Adviser's Directorate of Strategic Technologies, which has responsibilities for Ballistic Missile Defence and nuclear issues. Since leaving the MoD he has been working in defence consulting.

**Richard Norton-Taylor** is Security Affairs Editor, The Guardian. He joined the Guardian in 1975 as Europe correspondent based in Brussels. Since returning to Britain he has investigated official secrecy, behind-the-scenes decision-making in Government, and the activities of the security and intelligence services. In 1998, he was appointed security affairs editor at the Guardian. He has regularly contributed to BBC news and current affairs programmes and won the Freedom of Information



Campaign Award for Journalism in 1986. He has written a number of books, including, 'Truth is A Difficult Concept: Inside the Scott Inquiry' (Fourth Estate, 1995) and has contributed to 'The War We Could Not Stop' (2003) and 'The Hutton Inquiry and Its Impact' (2004), both Guardian Books. He has written and co-written a number of plays which have been performed at the Tricycle Theatre, London, a number of which have been televised and have been the recipient of numerous awards. These include an edited version of the 1946 Nuremberg trials, 'Half the Picture', an adaptation of the Scott arms-to-Iraq inquiry and 'The Colour of Justice', an edited version of the Stephen Lawrence Inquiry. In 2003, he wrote 'Justifying War', edited extracts from the Hutton inquiry and in 2005 the Tricycle performed 'Bloody Sunday', comprising of extracts from the Saville Inquiry.

**Dr John Sloboda** is Executive Director, Oxford Research Group (ORG). His research interests include human security, humanitarian interventions, civilian casualties in the Iraq War, and the psychology of public opinion post 9/11. Under his leadership, ORG has undertaken projects which include: a joint ORG-BASIC initiative to promote progress on non-proliferation treaty objectives; promoting accountable decision-making on the future of the British Trident nuclear deterrent; and developing an internationally acceptable framework for military intervention on humanitarian grounds. He trained as a research psychologist and is Professor of Psychology and Honorary Research Fellow in the School of Politics, International Relations and the Environment at the University of Keele. In 1999-2000 he worked with the Committee for Peace in the Balkans, and researched effects on the civilian population of the NATO bombing campaign. After September 11th 2001 he set up and ran the daily [peaceuk.net](http://peaceuk.net) mailing list disseminating critical non-violent perspectives on 'the war on terror'. He co-founded a key source of information about civilian casualties for media and NGOs worldwide during the Iraq war and its aftermath, [www.iraqbodycount.net](http://www.iraqbodycount.net). This work has led to extensive media coverage (including BBC Radio 4 and the World Service), and many press interviews. He has written for the Guardian, Open Democracy, and a number of more specialist publications. He is a founder member of the Network of Activist Scholars of Politics and International Relations ([Naspir](http://Naspir)).

**Dr. Bruno Tertrais** is a Senior Research Fellow at the Fondation pour la Recherche Stratégique (FRS). Between 1990 and 1993, he was the Director of the Civilian Affairs Committee, NATO Assembly, Brussels. In 1993, he joined the Délégation aux Affaires stratégiques (Policy Division) of the French Ministry of Defense as an analyst (European affairs). In 1995-1996, he was a Visiting Fellow at the RAND Corporation, Santa Monica. From October 1996 until August 2001, he was Special Assistant to the Director of Strategic Affairs at the French Ministry of Defense. He is also an Associate Researcher at the Centre d'études et de recherches internationales (CERI) and a member of the editorial board of Critique internationale, a member of the International Institute for Strategic Studies (IISS), and an contributing editor to Survival. He has written extensively on international security and his latest publications include 'Nuclear Disarmament: How to Make Progress' in Burkard Schmitt (ed.), Effective non-proliferation: The European Union and the 2005 NPT Review Conference (EU Institute for Security Studies, Chaillot Paper n° 77, April 2005) and War Without End (The New Press, 2005). He graduated from the Institut d'études politiques de Paris in 1984. He also holds a Master's degree in Public Law of the University of Paris (1985), and a Doctorate in Political Science of the Institut d'études politiques de Paris (1994).

**Professor Ken Young AcSS** is Director, ESRC UK Centre for Evidence Based Policy and Practice, Department of Politics, Queen Mary, University of London. He taught at the Universities of London, Kent, Bristol, and Cambridge before joining QM in 1990 from the University of Birmingham, where he was Director of the Institute of Local Government Studies. He was Vice-Principal of Queen Mary and Westfield College from 1992 to 1998, and has practical experience of the world of public policy. He served as Specialist Adviser to the House of Commons Environment Committee in 1982-83, and as Research Director and Adviser to the Committee of Inquiry into the Conduct of Local Authority

Business in 1985-86. He was a member of the Local Government Boundary Commission, 1989-91. Much of his past work has been in the field of urban politics, local government and London governance. For the past few years he has switched his efforts into defence policy, and he is presently writing a history of the politics of weapon system procurement during the heyday of the UK 'independent deterrent'. This work focuses both on politics within Whitehall and on the special relationship with the United States. Another major concern of his is with the 'evidence based policy' movement, and since 2000 he has been Director of the ESRC UK Centre for Evidence Based Policy and Practice, based here in the Department of Politics at Queen Mary. This is an active and productive group of researchers whose aims are to elucidate the linkages between research and decision making, and to work towards better informed policy making and more relevant and usable research. The Centre is associated with an important new international journal, Evidence and Policy: A Journal of Research, Debate and Practice (Policy Press, Bristol), the first issue of which appeared in January 2005. Professor Young will be joining King's College, London as Professor of Public Policy in September 2005.

## Delegate List

(Correct at the time of going to print)

Mr John Ainslie	Coordinator	Scottish Campaign for Nuclear Disarmament
Commodore Malcolm Avery	Director, Chemical, Biological, Radiological & Nuclear Policy	Ministry of Defence
Major General Jonathan Bailey	Director	Center for Defence & International Security Studies
Mr Andrew Barlow	Research Analyst	Foreign & Commonwealth Office
Mr Douglas Barrie	London Bureau Chief	Aviation Week & Space Technology
Mr Abdul Basit	Minister (Political)	Pakistani High Commission
Mr Klaus Becher	Associate Director	Wilton Park
Mr Ivor Bennett	Managing Director	BMT Sigma Limited
Lieutenant Commander D Bessell	XO HMS Vengeance	Royal Navy
Mr Mark Beverstock		Ministry of Defence
Ms Sue Bibby		Ministry of Defence
Captain J A Boyd	Captain Faslane Flotilla	Royal Navy
John Boyes Esq		
Wing Commander Andrew Brookes	Aerospace Analyst	International Institute for Strategic Studies
Mr Julian Browne	Senior Defence And Aerospace	The Carlyle Group
Mr James Butler	Senior Consultant	SSR Personnel Services
Dr Roger Cadwallader	Channel Manager SD & BMD	QinetiQ
Mr Mike Callaghan	OA Manager - Future Naval Systems	BAE SYSTEMS
Mr Severin Carrell	Journalist	Independent on Sunday
Lieutenant Commander J Carter	OIC SWSB Faslane	Royal Navy
Mr Ivan Catchpole		DSTL
Professor Malcolm Chalmers	Professor of International Politics	Department of Peace Studies
Mr Nicholas Childs	Defence & British Affairs Analyst	BBC World Service
Ms Sunjin Choi	Research Staff	Institute For Defense Analyses
Mr Andrew Chuter	European Editor	Defense News
Professor Michael Clarke	Director, International Policy Institute	King's College London
Mr Richard Clifton	Business Area Manager FC	INSYS Ltd
Rear Admiral Richard Cobbold	Director	Royal United Services Institute
Mr Michael Codner	Director, Military Sciences	Royal United Services Institute
Mr Peter Cook	Chief Executive	HVR Consulting Services Ltd
Mr Gordon Corera	Security Correspondent	BBC
Mr Paul Cree	Consultant	Frazier Nash Consultancy
Mr John Cronin	Programme Manager	AWE Plc

*Deputy Diet (Row 2): 0.1.1.1*



Mr Humphry Crum Ewing	Associate Fellow	Royal United Services Institute
Commander PGJ Dailey	SWEO FasFlot	Royal Navy
Mr Iain Dawson		Ministry of Defence
Mr Peter Doidge	Researcher	DSTL
Mr C Edwards	D NUC (POL)	Demos
Captain Mike Finney Royal Navy	Business Development Manager	Ministry of Defence
Mr Anthony Fletcher		Rolls-Royce
Mr Malcolm Franks	Professor of War Studies & Vice Principal (Research)	Ministry of Defence
Professor Sir Lawrence Freedman	Partner	King's College London
Mr Richard Freer	ECC Management and Development Unit	Ministry of Defence
Mr C J Frost		Price Waterhouse Coopers
Mr Jim Gallaher		Ministry of Defence
M J Gambazzi Esq		
The Lord Garden		
Mr Garry J George	Head Of E&TRD	Atomic Weapons Establishment
Mr Alexander Giles	Managing Director	Defence Event Management Ltd
Mr Martin Gilmore		Ministry of Defence
Mr Gareth Gore		
Lieutenant Commander ANS Graham	WEO HMS Vengeance	
Dr Robert Grant	Senior Research Associate	Royal Navy
Miss Libby Green	Desk Officer: Missile Defence & Space	U.S. CREST
Dr Eric Grove FRHistS	Director, Centre For Security Studies	Foreign & Commonwealth Office
Dr Roman Grzonka	Business Development Manager	University of Hull
Admiral Paul Habert	Military Adviser (Navy)	BAE SYSTEMS Future Systems
Dr Steven Haines	Head Of Department, Social And Political Science	EADS
Mr Ash Hansla	CS	Royal Holloway College
Mr Eamonn Harding	Head of Deep Strike	DSTL
Mr Mark Hardman	Director Marketing UK	AWE Plc
Mr Tim Hare	Vice Chairman	MBDA
Ms Pat Hayward	Team Leader	Thales Underwater Systems Ltd
Mr Russell Hayes	Head of Research	World Court Project UK
Professor Keith Hayward	Consultant	DSTL
Ms Carly Hickmott	Defence Editor	Society Of British Aerospace Companies
Mr R B Higgins	DWEO (SWS) FasFlot	HVR Consulting Services Limited
Lieutenant Commander S Hobson	Programme Director	BFBS Radio
Mr Mike Holmes	Senior Information Officer	Royal Navy
Miss Laura Hooper		QinetiQ
Mr David Hunter		Health Protection Agency
		DSTL

Mr Paul Ingram	Senior Analyst - Weapons Systems	BASIC
Mr Masafumi Ishii	Minister (Political)	Embassy of Japan
Captain David Jarvis	DD (DET)	Ministry of Defence
Mr Richard Jeffery		AWE Plc
Dr Dominick Jenkins	Senior Disarmament Campaigner	Greenpeace UK
Mr Simon Jewell	Strategic Business Development Director	BAE SYSTEMS
Mr Daniel Keohane	Research Fellow	Centre for European Reform
Mr Robin Kerr	Director UK Naval Systems	Lockheed Martin UK Ltd
Mr Paul Latham	Business Group Manager	QinetiQ
Rear Admiral Jacques Launay	Defence Attache	French Embassy
Mr Alan Lawson		Ministry of Defence
Mr Ian Leach	T45 Future Combat Systems	BAE SYSTEMS
Mr Gareth Leighton	Team Member	DSTL
Mr Duncan Lennox	Editor	Jane's Strategic Weapon Systems
Dr Julian Lewis MP	Opposition Defence Spokesman	
Sir David Logan	Director	The University of Birmingham
Dr Martin Longden	Strategic Policy Adviser	Foreign & Commonwealth Office
Roy Loveley Esq	Director	INSYS Ltd
✗ Admiral Sir Raymond Lygo	Independent Consultant	
✗ Dr Chris Maddock		
Mr David Maitland	President	The Atlantic Council of the United States
Mr Christopher J Makins	Head of Civil Contingencies Secretariat	Cabinet Office
Mr Bruce Mann	Senior Systems Engineer	INSYS Ltd
Mr Philip Mansell	Business & Technical Strategy	QinetiQ
Ms Linda Marks		AWE Plc
Mr Keith Matson		Nuclear Information Service
Ms Di McDonald	Defence Correspondent	Sky News
Mr Geoff Meade		
Mr Stephen Metcalf	Missiles & Countermeasures Department	DSTL
Mr Alan Mills	Nuclear Weapons Regulator	Defence Procurement Agency
Mr Andy Moore	Business Development Manager Defence	Sula Systems Ltd
Mr Eugene Morgan		BAE SYSTEMS
Mr John Mountain	Defence Writer	
Ms Georgina Natzio	Co-ordinator of WMD Awareness Programme Organisation	British Pugwash Group
Ms Carol Naughton	Security Editor	The Guardian
Mr Richard Norton-Taylor	Journalist	
Ms Kathleen O'Hara	Consultant in Nuclear/Radiological Weapons	Jane's Information Group
Andy Oppenheimer		

*ex crowd*

—	Rear Admiral Chris Parry	Director General JDCC	Ministry of Defence
—	Mr Avnish Patel	Researcher, Policy & Strategy Programme	Royal United Services Institute
—	Mr Kevin Payne		BAE SYSTEMS
—	Major General Ken Perkins		Royal United Services Institute
—	Mr Mark Phillips		Birbeck University
—	Mr Dan Plesch		DSTL
—	Mr Nicholas Pollicott		Cabinet Office
—	Mr Jim Poole		
—	Mr Emmanuel Popoola		
—	Mr Hugh Powell	Head - Security Policy Department	Foreign & Commonwealth Office
—	Ms Joellen Pretorius	Centre of International Studies	University Of Cambridge
—	Mr Phil Price		Ministry of Defence
—	Dr Michael Rance	Director	BMD Associates Ltd
—	Mr Peter Richardson	Director UK Government Business	BAE SYSTEMS Plc
—	Mr Peter Roberts	Nuclear Science Adviser	Ministry of Defence
—	Mr Edward Rothead		DSTL
—	Ms Libby Ruskell		Ministry of Defence
—	Mr Duncan Scott	Business Development Manager	BAE SYSTEMS Submarines
—	Mr Neil Seagrave		AWE PLC
—	Mr Brian Shepherd	Head of Systems	INSYS Ltd
—	Dr John Sloboda	Director	Oxford Research Group
—	Mr Peter Spiegel	Defence Correspondent	Financial Times
—	Mr Ian Stallion		Ministry of Defence
—	Captain Nick Stanley	Assistant Director Strategy	Ministry of Defence
—	Mr Peter Starkey	Programme Director Systems	Ministry of Defence
—	Dr Jeremy Stocker	Director of Studies & Head of MTR Programme	DSTL
—	Security Studies		The Centre for Defence & International
—	Mr Chris Streeten		Ministry of Defence
—	Ms Claire Taylor	Defence Specialist	House of Commons Library
—	Dr Bruno Tertrais	Senior Research Fellow	Foundation Of Strategic Research, Paris
—	Mr Pete Treasure		AWE Plc.
—	Rear Admiral John Trewby		BAE SYSTEMS
—	Lieutenant DJ Turner	Naval Adviser	Royal Navy
—	Mr Patrick Turner	Secretary	Ministry of Defence
—	Mr Andrew Underwood		INSYS Ltd.
—	Captain S W Upright	Captain SM FasFlot	Royal Navy
—	Air Vice Marshal Andrew Vallance	Secretary To The Defence Press & Broadcasting Advisory Committee	Ministry of Defence
—	Dr Joanne Vaughan	Research Student	Department of Peace Studies

*Special Review*

Mr Nigel Vinson  
Mr Markku Virri  
Mr Keith Warburton  
Mr Greg Wasinski  
Mr Neil Watling  
Mr Rob Watson  
Mr Jim West  
Mr John Whitaker  
Mr P J Whitehouse  
Dr Daniel Whiteneck  
Mr Brian Wicker  
Dr Lee Willett  
Mr Robert Wilson  
Mr Paul Wood  
Mr Chaoying Yang  
Mr John A. Young  
Professor Ken Young

Senior Auditor Defence VFM

Coordinator, Military Sciences  
Security & Defence Correspondent  
G/L Engineering Technology  
Corporate Planning Manager  
Director of European & NATO Programmes  
Chairman of the Council  
Head, Military Capabilities Programme

Defence Correspondent  
Deputy Defence Attaché  
Political Military Officer  
Director, ESRC UK

National Audit Office  
Embassy of Finland  
AWE Plc  
DSTL  
Royal United Services Institute  
World Service Radio  
AWE Plc  
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Royal United Services Institute  
DSTL  
BBC News  
Embassy of the People's Republic of China  
US Department Of State  
Department Of Politics, Queen Mary