



Transforming National Security Unfrozen Treasures- National Security, Climate Change and the Arctic Frontier



A National Defense University and Forces Transformation and Resources Seminar
Arnold Auditorium, National War College, Fort Lesley J. McNair, Washington, DC 20319
May 13-14, 2008

Day 1 – Tuesday May 13, 2008

0830 Welcome and Introduction

Dr. James M. Keagle, Director, Transforming National Security Seminar Series
Center for Technology and National Security Policy, NDU

0845 Framing the Policy Debate

RADM Arthur E. Brooks: 17th Coast Guard District, United States Coast Guard

0930 Alaskan Perspectives

Senator Lisa Murkowski (R-AK), U.S. Senate

1000 Break

1015 Mapping the Uncharted Arctic

Dr. Larry Mayer: Director, Center for Coastal and Ocean Mapping/NOAA-UNH Joint
Hydrographic Center

Dr. Donald Gautier, Project Chief, United States Geological Survey Circum-Arctic Resource
Appraisal

1130 Lunch

1245 Panel: Managing the Great Resource Shift- Implications for Policy-Makers

Dr. John Ackerman, Air Command and Staff College

Dr. Ronald Filadelfo, Center for Naval Analyses

1345 The Geopolitics of Energy

Mr. Jeffrey R. Izzo, Energy Officer, U.S. Department of State

Ms. Rachel Halpern, Energy Specialist, U.S. Department of Commerce, Office of Energy and
Environmental Industries

Mr. John Felmy, Chief Economist, American Petroleum Institute

1445 Break

1500 Arctic Sea Ice- Recent Trends and Causes; Impact on Arctic Operations

CDR Ray Chartier Jr, Director/Commanding Officer, National/Naval Ice Center, US
Navy/NOAA/USCG

1600 Canadian Arctic Shipping Impact Assessment

Captain Jim Calvesbert, Marine Affairs Program, Dalhousie University, Canada

1700 End Day 1

Day Two– Wednesday May 14th, 2008

- 0815 Administrative Remarks & Brief Summary of Day I**
James Keagle, Director, Transforming National Security Seminar Series
Center for Technology and National Security Policy, NDU
- 0830 Laws of the Sea: Changing Air Land and Sea Routes**
Chair: Ambassador John Norton Moore, Director, National Security Law, Virginia School of Law, University of Virginia
Dr. Jeremy Rabkin, Professor of Law, George Mason University
CAPT Patrick J. Neher, Director, International and Operational Law Office of the Judge Advocate General, Department of the Navy
Mr. Lawrence Kogan, CEO, Institute for Trade Standards and Sustainable Development
- 0945 Break**
- 1000 International Perspectives Panel- The Arctic States**
BG Soren Falk-Portved, Military Attache, Embassy of Denmark
Mr. Yevgeny Zvedre, Science Attaché, Embassy of the Russian Federation to the United States
Mr. Kevin O’Shea, Minister (Political Affairs), Embassy of Canada
Ambassador Wegger Chr. Strommen, Ambassador of Norway
- 1115 US Arctic Diplomacy**
Ambassador David A. Balton, Deputy Assistant Secretary for Oceans and Fisheries, U.S. Department of State
- 1200 Lunch**
- 1315 US Strategic Goals in the Arctic**
Mr. Mead Treadwell, Chair, US Arctic Research Commission
- 1415 Arctic Warming and Naval Operations**
CAPT Thomas Culora, CNO, N5SP
- 1515 Business Perspective Panel**
Mr. Joseph Cox, President and CEO, Chamber of Shipping of America
Ms. Kim Harb, Director of Government Affairs, National Ocean Industries Association
Mr. Brian Petty, Senior Vice President, Government Affairs, International Association of Drilling Contractors
- 1615 END**