

Merchants and Guardians

The U.S. Government's Role in Regulating, Licensing, and Incentivizing Space Activity

*Tuesday, 31 October 2006
Room 155, Marshall Hall, National Defense University*

0730-0815 Registration and Continental Breakfast

0815-0830 Welcoming Remarks

Steven Flanagan, Director, Institute for National Strategic Studies

- *Space activity, particularly in the commercial sector, has become increasingly important as a foundation for the power of the United States. This workshop for 50 participants is designed to assist the Spacepower Theory Team and Volume II Chapter Authors by examining the role of the government in sponsoring and regulating space ventures, and assessing the proper balance between commercial and government activity.*

0830-1000 Space Exploration: The Case for Public and Private Ventures

Moderators: **Taylor Dinerman**, *Independent Analyst and Author*
Dennis Wingo, *Orbital Recovery Corporation*

Panelists: **Bill Bruner**, *National Aeronautics and Space Administration*
Jim Vedda, *Aerospace Corporation*

Key issues:

- Role of USG and international partners in space exploration
- NASA role in exploration versus operations and use
- Vision for Space Exploration in historic context and future prospect

Discussants: **William Huggins**, *Toffler Associates*
Alan Ladwig, *Northrop Grumman*
James Muncy, *PoliSpace*

Key issues:

- Alternative visions and role of private ventures, both domestic and international, in space exploration
- Methods to generate interest and support
- Major incentives and impediments

1000-1015 Break

1015-1145 Current Commercial Space Activity: Incentives and Impediments

Moderator: **Joseph Fuller, Jr.**, *Futron Corporation*

Panelists: **David Cavossa**, *Satellite Industry Association*
Jim Lewis, *Center for Strategic and International Studies*

Key issues:

- Major actors, current status, and likely trends for commercial space activity, both domestic and international
- Interactions between commercial space and other sectors
- Major incentives and impediments

Discussants: **Andrew D’Uva**, *NewSkies Satellite*
Dennis Jones, *GeoEye Corporation*

Key issues:

- Lessons and challenges from commercial space failures
- Commercial operations in an increasingly contested environment
- Major incentives and impediments

1145-1300 Catered Lunch for all Participants

Luncheon Speaker: **Scott Pace**, *Associate Administrator for Program Analysis and Evaluation, NASA*, “Merchants and Guardians”

1300-1430 Crafting Laws and Policy to Facilitate Space Commerce and Exploration

Moderator: **Joanne Gabrynowicz**, *National Center for Remote Sensing, Air and Space Law, University of Mississippi*

Panelists: **Ed Morris**, *Office of Space Commercialization, National Oceanic and Atmospheric Administration (NOAA)*
Damon Wells, *Office of Science and Technology Policy*

Key issues:

- Major actors and environment for space policy
- Impact of new national space policy
- Comparative assessment of international space law and policy
- Major incentives and impediments

Discussants: **Dick Buenneke**, *Aerospace Corporation*
Klaus Heiss, *High Frontier*

Key issues:

- Impact of new national space policy
- Domestic and international environment for space law and policy
- Emerging trends and countertrends

1430-1445 Break

1445-1615 Government as Regulator: The Good, the Bad, and the Ugly

Moderator: **Randy Correll**, *Ball Aerospace*

Panelists: **Ann Ganzer**, *Directorate of Defense Trade Controls, Department of State*
George Nield, *Office of Commercial Space Transportation, Federal Aviation Administration*
Kay Weston, *Office of Commercial Remote Sensing Licensing, NOAA*

Key issues:

- Major actors and key components of current regulatory regime
- Evolution and likely prospects for regulatory regime
- Comparative assessment of international space regulatory regime
- Major incentives and impediments

Discussants: **Mark Bitterman**, *Orbital Sciences Corporation*
Henry Hertzfeld, *Space Policy Institute, George Washington University*
John Logsdon, *Director, Space Policy Institute, GWU*
Clay Mowry, *President, Arianespace Inc.*

Key issues:

- Impact of new national space policy
- Impact and prospects for International Traffic in Arms Regulations
- Major incentives and impediments

1615-1630 Concluding Remarks