FINAL AGENDA

IMPROVING SPECTRUM MANAGEMENT THROUGH ECONOMIC OR OTHER INCENTIVES:
A WORKSHOP

Lecture Room
National Academy of Sciences
2101 Constitution Ave (entrance at 2100 C St.), NW, Washington, D.C.

February 28 – March 1, 2006

Sponsored by the National Telecommunications and Information Administration

Online registration is now closed. We will be accepting on-site registration on a space-available basis.

Tuesday, February 28, 2006

8:00 – 8:30 a.m. Registration

8:30 – 8:45 Welcome
Jon Eisenberg, Acting Associate Director, Computer Science and Telecommunications Board, The National Academies
Dale Hatfield, Adjunct Professor, University of Colorado, Boulder, Workshop Chair
John M.R. Kneuer, Acting Assistant Secretary of Commerce for Communications and Information

8:45 – 9:00 Opening Remarks
David A. Sampson, Deputy Secretary, U.S. Department of Commerce

9:00 – 10:30 Topic 1: Efficiency, Quantification, and Valuation of Spectrum
An introductory panel will present and discuss underlying concepts and goals for spectrum efficiency.
Moderator: Adele Morris, Senior Economist, Department of Treasury

Merri Jo Gamble, Spectrum Manager, Department of Justice
Ellen Goodman, Associate Professor, Rutgers University
Darrin Mylet, Vice President, Cantor Fitzgerald
Pablo Spiller, Professor, University of California, Berkeley
Lawrence White, Professor, New York University

Q&A

10:30 – 10:45 Break
Topic 2: Mechanisms, Tools, and Approaches

The 3 panels that follow each cover a class of approaches for providing incentives for more efficient use of spectrum. Each will address particular approaches and the associated legal/policy, economic, and technical considerations; implementation issues; and lessons learned from recent initiatives. Speakers are encouraged to include in their remarks specific proposals for the use of incentive mechanisms.

10:45 – 12:15

2.1 Exclusive Spectrum Rights and Secondary Markets
Moderator: Michael Katz, Professor, University of California, Berkeley
Stuart Benjamin, Professor, Duke University
Thomas Hazlett, Professor, George Mason University
Evan Kwerel, Senior Economic Advisor, Federal Communications Commission
Discussants:
Mark Crosby, President, Enterprise Wireless Alliance
Jennifer Manner, Vice President, Regulatory Affairs, Mobile Satellite Ventures
Randolph May, Senior Fellow, Progress and Freedom Foundation
Q&A

12:15 – 1:30
Break for Lunch

1:30 – 3:00

2.2 Unlicensed, Short-Term, Dynamic, and Shared-Use of Spectrum
Moderator: Kevin Werbach, Assistant Professor, University of Pennsylvania
Paul Kolodzy, Consultant
William Lehr, Research Associate, Center for Technology, Policy & Industrial Development, Massachusetts Institute of Technology
Jon Peha, Professor, Carnegie Mellon University
Discussants:
Vanu Bose, President and CEO, Vanu, Inc.
David Donovan, President, Association for Maximum Service Television (MSTV)
Preston Marshall, Program Manager, Defense Advanced Research Projects Agency
Q&A

3:00 – 3:15
Break

3:15 – 4:45

2.3 Fee-Based and Other Mechanisms
Moderator: Simon Wilkie, Director, Center for Communication Law and Policy, University of Southern California
Martin Cave, Director, Centre for Management under Regulation, University of Warwick, UK
Michael Connolly, Senior Director, Spectrum Management Operations, Industry Canada
Discussants:
Peter Cramton, Professor, University of Maryland, College Park
Randolph Lyon, Branch Chief, Commerce Branch, U.S. Office of Management and Budget
Q&A

4:45
Adjourn
Wednesday, March 1, 2006

8:30 – 8:40 a.m.  Welcome (and introduction of Keynote Speaker)
Dale Hatfield, University of Colorado

8:40 – 9:40  Keynote: Hugh Railton, Former Deputy Executive Director, Asia Pacific Telecommunity

9:40 – 10:00  Break

10:00 – 11:30  Topic 3: International Experiences in Market-based Approaches
Moderator: Janice Obuchowski, President, Freedom Technologies, Inc.
Martin Cave, Professor, University of Warwick, UK
Bruce Emirali, Defence Frequency Manager, New Zealand Defence Force
Wayne Leighton, Senior Economist, Federal Communications Commission
Peter Pitsch, Director of Communications Policy, Intel
François Rancy, Director General, Agence Nationale des Frequences
Q&A

11:30 – 1:00 p.m.  Break for Lunch

Topic 4:  User Perspectives
Speakers have 10 minutes to provide brief perspective on spectrum incentive approaches and mechanisms.

1:00 – 2:30  4.1 Government Users
Moderator: Peter Tenhula, Shared Spectrum Company
Tomas Gergely, Program Manager, National Science Foundation
James J. Miller, Senior GPS Technologist, Space Operations Mission Directorate, National Aeronautics and Space Administration
Daniel O'Rear, Electronics Engineer, Spectrum Planning & International Office, Federal Aviation Administration
Victor Sparrow, Deputy Director, Spectrum Management, Department of Defense
Q&A

2:30 – 2:45  Break

2:45 – 4:15  4.2 Commercial Users
Moderator: John Muleta, Partner, Venable LLP
Prudence Parks, Federal Legislative Representative, United Telecom Council (UTC)
Robert Pepper, Senior Managing Director-Global Advanced Technology, Cisco
Charla Rath, Executive Director, Spectrum and Public Policy, Verizon Wireless
Joslyn Read, Assistant Vice President, Regulatory & International Affairs, Hughes Network System
Steve Sharkey, Director, Spectrum and Standards Strategy, Motorola
Q&A

4:15 – 5:00  Wrap Up Panel
Dale Hatfield, University of Colorado, Boulder
William Lehr, Massachusetts Institute of Technology
Jon Peha, Carnegie Mellon University

Closing Remarks
John M.R. Kneuer, Acting Assistant Secretary of Commerce for Communications and Information

5:00  Adjourn