

**Commerce Spectrum Management Advisory Committee
(CSMAC)
Meeting Minutes**

Time: 9:30 a.m.

Date: December 9, 2009

Place: Herbert C. Hoover Department of Commerce Building
Secretary's Conference Room
1401 Constitution Avenue N.W.
Washington, DC 20230

Persons Present:

CSMAC Members	Attended in Person	Attended via Phone
Dale Hatfield	x	
Bryan Tramont	x	
Michael Calabrese	x	
Martin Cooper	x	
Mark E. Crosby	x	
David L. Donovan	x	
Gary Epstein	x	
Brian Fontes	x	
Harold Furchtgott-Roth	x	
Robert M. Gurs	x	
Kevin C. Kahn	x	
James A. Lewis	x	
Mark A. McHenry	x	
Darrin M. Mylet	x	
Janice Obuchowski	x	
Neville Ray	x	
Robert Pepper	x	
Richard Reaser, Jr.	x	
Gregory Rosston		x
R. Gerard Salemme	x	
Jennifer Warren	x	

NTIA Agency Employees	Title
Lawrence E. Strickling	Assistant Secretary of Commerce
Joseph L. Gattuso	CSMAC Designated Federal Officer
Kathleen Jarmiowski	Attorney-Advisor
Karl Nebbia	Associate Administrator, Office of Spectrum Management

Presenters	Title
Bruce Gottlieb	Chief Counsel and Senior Advisor to Chairman Julius Genachowski, Federal Communications Commission
Karl Nebbia	Associate Administrator, Office of Spectrum Management

*** Other federal employees and members of the press and public were also in attendance.**

Action Items Arising from Meeting Discussion:

Action	Lead(s)	Deadline
Mr. Nebbia to arrange briefing on radar use (Transcript p68) and on the IRAC process for the next meeting (Transcript p136)	NTIA	Next meeting
Mr. McHenry to provide input on radar jamming points for Mr. Nebbia (Transcript pp74-75)	Mark McHenry	Next meeting
Present draft reports	Subcommittee chairs	Next meeting
Invite Julius Knapp of the FCC to make presentation on commercial spectrum use (p120-121, 138-139)	Bryan Tramont	Next meeting

Main Discussion Items (Per Agenda):

1. Welcome and Opening Remarks

2. Presentations

- Bruce Gottlieb, Chief Counsel and Senior Advisor to Chairman Julius Genachowski, Federal Communications Commission
- Karl Nebbia, Associate Administrator, Office of Spectrum Management, National Telecommunications and Information Administration

3. Subcommittee Status Reports and Discussion

- **Spectrum Inventory Subcommittee (Mark Crosby and Jennifer Warren)** –The subcommittee will meet with NTIA and FCC staff to discuss each agency’s efforts on spectrum inventory. In addition to their assigned task, the subcommittee is also examining the benefits of the spectrum inventory and whether appropriate funding levels are in place to accommodate agency’s spectrum inventory activities. The subcommittee will meet report timelines set and offer specific enumerated recommendations.
- **Transparency Subcommittee (Darrin Mylet)** – The subcommittee is identifying a definition of spectrum transparency that includes both internal (classified) and external (non-classified) spectrum transparency. The subcommittee chair provided slides that depicted licensed frequency by channel, contour and geographic area, and ownership. The subcommittee will meet report timelines set and offer specific enumerated recommendations.
- **Adjacent Band Interference/Dynamic Spectrum Access Subcommittee (David Donovan)** – The subcommittee is examining adjacent channel interference and sensing/avoidance. The subcommittee is also developing a technical definition of interference (low, medium, high/powerful). The subcommittee will meet report timelines set and offer specific enumerated recommendations.
- **Incentives Subcommittee (Rick Reaser)** – The subcommittee will examine how to incentivize program managers on dealing with spectrum which will require examination of issues across all levels of users and responsible entities. In addition, the subcommittee will examine the 2008 NTIA report, categorize the recommendations, and provide pros and cons to each of the recommendations. The subcommittee will meet report timelines set and offer specific enumerated recommendations.

4. Public Comments

- **Harold Feld, Legal Director, Public Knowledge** – Mr. Feld asked whether the committee would take into account the IRAC’s underlying statute regarding transparency and where he could submit comments. Mr. Gattuso stated he would be the point of contact.
- **Michael J. Marcus/Marcus Spectrum Solutions LLC** -- Mr. Marcus submitted written comments on the issue of defining harmful interference.

5. Next Meeting:

- The next meeting is tentatively set for February/March timeframe. Exact date to be determined.

6. Attachments

- a. Agenda
- b. Presentation by Karl Nebbia
- c. Report of the Spectrum Inventory Working Group
- d. Written comments submitted by Marcus Spectrum Solutions, LLC.

Respectfully submitted,

Date:
Joseph L. Gattuso
Designated Federal Officer

I hereby certify that these minutes of the December 9, 2009 Commerce Spectrum Management Advisory Committee are true and correct to the best of my knowledge.

Date:
Dale N. Hatfield
Co-Chair

Date:
Bryan Tramont
Co-Chair