

# FINAL MINUTES

## **Minutes of the Eighth Meeting of the FCC Advisory Committee for the 2007 World Radiocommunication Conference (WRC-07)**

Date/Time: January 25, 2006 at 11:00 a.m.

Location: Federal Communications Commission  
Commission Meeting Room (TW-C305)  
445 12th Street, S.W., Washington, D.C.

Committee Members Present: See Appendix 1

FCC Employees Present: See Appendix 2

Meeting Summary:

### **1. Opening Remarks**

The Chair welcomed the participants and noted that with the Conference Preparatory Meeting coming up, it will be necessary to finish on WRC-07 issues this spring so that the U.S. can be in a strong position at the 2007 World Radiocommunication Conference. She remarked that some of the toughest issues were ahead so she encouraged the informal working groups to work diligently to progress their work.

### **2. Approval of the Agenda**

The agenda, Document **WAC/073(25.01.06)**, was approved without change.

### **3. Approval of the Minutes of the Seventh Meeting**

The minutes, Document **WAC/072(14.09.05)**, were approved without change.

### **4. Report on Recent WRC-07 Preparatory Meetings**

Mr. Roytblat introduced the two reports, one on the October meeting of CITELE (Document **WAC/074A(25.01.06)**) and the other on last week's meeting of the CEPT WRC-07 Conference Preparatory Group (Document **WAC/074B(25.01.06)**). He observed that CITELE adopted two Inter-American Proposals (IAPs) in large part as a result of the work of this committee. He also remarked that CEPT was making significant progress and encouraged everyone to read the report and consider possible responses to the European positions.

## 5. NTIA Draft Preliminary Views and Proposals

The Chair remarked that National Telecommunications and Information Administration (NTIA) had developed a number of draft preliminary views and proposals on WRC-07 agenda items and that the informal working groups would be addressing some of these during their reports at today's meeting. When enquired whether NTIA had any comments, Mr. Vorhies of NTIA responded that it would have been helpful if we had progressed further on some of the agenda items prior to the recent CEPT meeting; however, he appreciated the work accomplished. He said that the next set of NTIA documents would involve harder issues. The Chair highlighted that this demonstrated the importance of making progress with the Advisory Committee's work.

The NTIA letters, Documents **WAC/075(25.01.06)**, **WAC/076(25.01.06)**, **WAC/077(25.01.06)**, **WAC/078(25.01.06)**, **WAC/079(25.01.06)**, **WAC/080(25.01.06)**, **WAC/081(25.01.06)**, and **WAC/082(25.01.06)** were noted.

## 6. IWG Status Reports and Consideration of Draft Preliminary Views and Proposals

### IWG-1: Terrestrial and Space Science Services

Ms. Warren, the Chair of IWG-1, reported that her group had met twice since the last meeting of the advisory committee and had a draft proposal to present today. The draft proposal was a modification of the NTIA draft proposal and addressed the concerns expressed by industry on the impact of the NTIA draft proposal on Appendix 30B. She therefore offered the modified proposal from her group for approval:

Agenda Item 1.2: to consider allocations and regulatory issues related to the Earth exploration-satellite (passive) service, space research (passive) service and the meteorological satellite service in accordance with Resolutions **746 (WRC-03)** and **742 (WRC-03)**:

– Draft Proposal, Document **WAC/086(25.01.06)**, was approved.

Ms. Warren then provided her group's comments on other NTIA documents:

- a. NTIA draft proposal for WRC-07 Agenda Item 7.2 – proposed agenda items for the 2010 World Radiocommunication Conference, Document **WAC/078(25.01.06)**:
  1. New agenda item proposing a space research allocation at 22.55-23.55 GHz: This draft proposal was tabled in IWG-1 due to industry concerns.
  2. New agenda item related to use of the 275-3000 GHz band by the passive services: This was originally tabled because it only addressed passive services and was liaised to Informal Working Group 5 (IWG-5). NTIA's proposed agenda item would be addressed in a draft proposal by

IWG-5 today.

- b. NTIA draft proposal for WRC-07 Agenda Item 4, Document **WAC/079(25.01.06)**: No concerns were identified in IWG-1.
- c. NTIA draft proposal for WRC-07 Agenda Item 1.3, Document **WAC/082(25.01.06)**: This proposal was supported by IWG-1

Ms. Warren announced that they would have their next meeting on April 6 at 2 p.m.

### **IWG-2: Satellite Services and HAPS**

Mr. Baruch, the Chair of IWG-2, reported that his group had held one meeting since the last meeting of the advisory committee and had no direct proposal; however, they do have some comments regarding the NTIA draft proposal on WRC-07 Agenda Item 1.21 (ref. Document **WAC/081(25.01.06)**). He said that his group endorsed the NTIA draft proposal but offered comments as set forth in Document **WAC/087(25.01.06)**:

Agenda Item 1.21: to consider the results of studies, regarding the compatibility between the radio astronomy service and the active space services in accordance with Resolution **740 (WRC-03)**, in order to review and update, if appropriate, the tables of threshold levels used for consultation that appear in the Annex to Resolution **739 (WRC-03)**:

- Document with comments of IWG-2 on NTIA Draft Proposal, Document **WAC/087(25.01.06)**, was approved.

Mr. Baruch reported that they have not scheduled their next meeting but plan to have it in early April following the ITU-R block meetings.

### **IWG-3: IMT-2000 and 2.5 GHz Sharing Issues**

Mr. Roytblat explained that the IWG-3 leadership was in Bangkok attending a meeting of ITU-R Working Party 8F and therefore he would be giving a report on IWG-3's behalf. Mr. Roytblat reported that IWG-3 had held two meetings since the last meeting of the advisory committee and were debating three draft proposals, one for WRC-07 Agenda Item 1.4 and two for WRC-07 Agenda Item 1.9. They expected to have input for the next meeting of the advisory committee.

Mr. Roytblat announced that the next meeting of IWG-3 was scheduled for March 1.

### **IWG-4: Broadcasting and Amateur Issues**

Mr. Fisher, the Chair of IWG-4, reported that his group supported the RCS draft proposal for WRC-07 Agenda Item 1.6; however, with the objective of protecting the FM broadcast band from interference from adjacent band operations of stations in the aeronautical mobile service, IWG-4 had added language that emphatically states the

need to retain Resolution **413** that was adopted at WRC-03 (i.e., No Change, underscored):

Agenda Item 1.6 (Res. 414): to consider additional allocations for the aeronautical mobile (R) service in parts of the bands between 108 MHz and 6 GHz, in accordance with Resolution **414 (WRC-03)** and, to study current satellite frequency allocations, that will support the modernization of civil aviation telecommunication systems, taking into account Resolution **415 (WRC-03)**:

– Draft Proposal, Document **WAC/083(25.01.06)**, was approved.

Mr. Fisher reported that the IWG-4 position on Agenda Item 1.13 remained unresolved. In view of this, IWG-4 had set up a correspondence group and would be holding additional meetings in an effort to resolve the outstanding issues.

### **IWG-5: Regulatory Issues**

Ms. Baum, the Vice-Chair of IWG-5, reported that her group had held three meetings since the last meeting of the full committee and had two draft proposals to present that improved upon the draft proposals originated by NTIA with the latter draft proposal to clarify that the U.S. proposal was consistent with updating footnotes to the Table of Frequency Allocations for the 275-3000 GHz band (rather than the table itself):

Agenda Item 1.12: to consider possible changes in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference: “Coordination and notification procedures for satellite networks” in accordance with Resolution **86 (WRC-03)**:

– Draft Proposal for Modifications to Appendix 4, Document **WAC/084(25.01.06)**, was approved.

Agenda Item 7.2: to recommend to the Council items for inclusion in the agenda for the next WRC, and to give its views on the preliminary agenda for the subsequent conference and on possible agenda items for future conferences, taking into account Resolution **803 (WRC-03)**:

– Draft Proposal adding an agenda item for the 2010 World Radiocommunication Conference on updating the list of frequencies for passive services between 275 and 3 000 GHz, Document **WAC/085(25.01.06)**, was approved.

Ms. Baum reported that review was ongoing in IWG-5 on the RCS document for WRC-07 Agenda Item 4, Document **WAC/079(25.01.06)**, and that they had no comments on the RCS document for WRC-07 Agenda Item 2, Document **WAC/077(25.01.06)**, so IWG-5 supported the latter.

Mr. Larry Reed of the FCC requested that Informal Working Groups 2, 3, and 4 also

review Document **WAC/079(25.01.06)** on WRC-07 Agenda Item 4.

Ms. Baum concluded her report by announcing that the date of the next meeting of IWG-5 would be February 28 at 2 p.m.

## **7. Future meetings**

Mr. Roytblat presented an updated WRC-07 Preparatory Timeline, Document **WAC/004(25.01.06)**, and requested participants to pay particular attention to it because of the critical dates coming up this year. He specifically noted the meeting of the Asian Pacific Telecommunity (APT) in February and that there were efforts to reschedule the CITEL PCC II meeting in June meeting in order to avoid a schedule conflict with the meeting ITU-R Joint Task Group 6-8-9.

Mr. Roytblat said that it was important that the advisory committee give recommendations to the FCC as it prepares for the Conference Preparatory Meeting (CPM), and Mr. Hadinger requested that this also be conveyed to IWG-3.

The Chair announced that the next meeting of the advisory committee was tentatively scheduled for April 27, at 11:00 a.m. at the FCC and encouraged the informal working groups to progress their work.

## **8. Other business**

The Chair asked the representatives from NTIA whether the advisory committee could expect to see further draft proposals from NTIA. Mr. Vorhies of NTIA indicated that he expects a few proposals to be developed in near future. Mr. Glass, also of NTIA, encouraged the advisory committee to look at future agenda items. The Chair agreed with this and wanted the informal working groups to bring this up at the next meeting.

With there being no further business, the Chair thanked everyone for their work.

The meeting adjourned at 11:28 a.m.

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Documents Distributed:

- WAC/004 WRC-07 Preparatory Timeline (Updated 25.01.06)
- WAC/072 Draft Minutes of the 7<sup>th</sup> WRC-07 Advisory Committee Meeting
- WAC/073 Agenda for the 8<sup>th</sup> WRC-07 Advisory Committee Meeting
- WAC/074A Report from the Meeting of CITELE PCC II WG-1, 25-28 October 2005
- WAC/074B Report from CEPT WRC-07 Conference Preparatory Group (CPG), 17-20 January 2006
- WAC/075 NTIA letter, 14 Sept. 2005, with draft proposal for WRC-07 Agenda Item 1.2
- WAC/076 NTIA letter, 14 Sept. 2005, with draft proposal for WRC-07 Agenda Item 1.12
- WAC/077 NTIA letter, 27 Sept. 2005, with draft proposal for WRC-07 Agenda Item 2
- WAC/078 NTIA letter, 29 Sept. 2005, with draft proposal for WRC-07 Agenda Item 7.2
- WAC/079 NTIA letter, 11 Oct. 2005, with draft proposal for WRC-07 Agenda Item 4
- WAC/080 NTIA letter, 17 Nov. 2005, with draft proposal for WRC-07 Agenda Item 1.6
- WAC/081 NTIA letter, 16 Dec. 2005, with draft proposal for WRC-07 Agenda Item 1.21
- WAC/082 NTIA letter, 19 Dec. 2005, with draft proposal for WRC-07 Agenda Item 1.3
- WAC/083 Draft Proposal for WRC-07 Agenda Item 1.6 (Resolution 414) from IWG-4
- WAC/084 Draft Proposal for WRC-07 Agenda Item 1.12 from IWG-5
- WAC/085 Draft Proposal for WRC-07 Agenda Item 7.2 from IWG-5
- WAC/086 Draft Proposal for WRC-07 Agenda Item 1.2 from IWG-1
- WAC/087 Comments of IWG-2 on NTIA Draft Proposal for WRC-07 Agenda Item 1.21

# MINUTES

## Appendix 1 WRC-07 Advisory Committee Attendance Eighth Meeting – January 25, 2006

<b>Last Name</b>	<b>First Name</b>	<b>Occupation Or Affiliation</b>
Baruch	Steve	Leventhal Senter & Lerman PLLC
Baum	Kim	Motorola, Inc.
Binckes	Jeffery	Jeff Binckes Associates, LLC - Consultant
Conner	Jerry	ITT Industries
Cramer	Joe	Lockheed Martin
Fisher	Ben	Pillsbury Winthrop Shaw Pittman LLP
Florian	Mario	BCI Telecom
Glass	Charles	NTIA
Green	Katherine	ITT Industries
Hadinger	Peter	Northrop Grumman Space Technology
Haines	Robin H.	NTIA
Hutchison	Kris	Aviation Spectrum Resources, Inc.
Messer	Don	National Association of Shortwave Broadcasters
Pierce	Dave	Alion Science/DoD
Sung	Liching	NTIA
Taylor	Robert	TT&C for NASA
Taylor	Shayla	TT&C
Victory	Nancy	Wiley Rein & Fielding LLP
Vorhies	Jim	NTIA
Walsh	Tom	The Boeing Co.
Warren	Jennifer	Lockheed Martin Corp.
Weaver	Frank C.	Boeing
Zoller	Julie	ITT Industries

# MINUTES

## Appendix 2

### WRC-07 Advisory Committee – FCC Representatives Eighth Meeting – January 25, 2006

<b>Last Name</b>	<b>First Name</b>
Abelson	Don
Dubroof	Linda
Nunno	Richard
Olson	Larry
Persaud	Sankar
Reed	Larry
Roytblat	Alex
Weiland	Donald
Yang	Allen