

FINAL MINUTES

Minutes of the Fifth Meeting of the World Radiocommunication Conference 2003 (WRC-03) FCC Advisory Committee

Date/Time: November 15, 2001 at 10:00 am

Location: Federal Communications Commission
Commission Meeting Room (Room 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, Mr. Fontes, opened the meeting by introducing FCC Commissioner Michael Copps and Don Abelson, Chief of the FCC's International Bureau. Commissioner Copps remarked that the WRC-03 Advisory Committee was essential toward making the United States strongly proactive in the global telecommunications community and pointed out that telecommunications is a great ambassador for the United States. Mr. Abelson, announced that Julie Garcia would be leaving the Commission at the end of November to join her new husband in Singapore. He introduced Alexander Roytblat who will be replacing Ms. Garcia as Director, WRC-03 Preparatory Activities.

2. Approval of the Agenda

The agenda (Document **WAC/068(15.11.01)**) was approved without change.

3. Approval of the Minutes of the Fourth Meeting

The draft minutes of the fourth meeting of the WRC-03 Advisory Meeting (Document **WAC/067(28.08.01)**) were approved without changes.

Ms. Garcia noted that the U.S. Preliminary Views and Proposals that were approved since the last meeting of the advisory committee were contained in Document **WAC/069 (15.11.01)**.

4. Reports from regional WRC-2003 Preparatory Meetings

- Mr. Nebbia reported on the September CEPT meeting in Toulouse, France where the CEPT WRC-03 preparatory activities were reviewed including the outcome of project team meetings. He provided his personal evaluation on where he thought Europe was headed with respect to conference agenda items 1.3 and 1.15.
- Ms. Garcia reviewed Document **WAC/070 (15.11.01)**, which was a report on the CEPT CPG PT1 meeting that she prepared for CITELE, in her capacity as a CITELE observer.
- Ms. Garcia and Mr. Nebbia reported on the recent CITELE PCC III meeting. Ms. Garcia noted that CITELE had approved four preliminary views and seven proposals for WRC-03. CITELE approved a draft recommendation to encourage CITELE members to participate with respect to conference Agenda Item 1.3 on public protection. On Agenda Item 1.11, eight CITELE countries supported a secondary allocation for aeronautical mobile-satellite service. Canadian input to CITELE on Agenda Item 1.33 (HAPS in the IMT-2000 bands) was included in the PCC III report. In regard to Agenda Item 1.34, Canada was now of the view that the current values of PFD limits are now sufficient to protect existing systems. Mr. Nebbia reported on activities in Working Groups 1, 5 and 6. He indicated that there was much discussion on Agenda Item 1.15, but it was not clear where CITELE would come out. Canada presented a paper on the protection of passive services. Resolution 80 was not addressed. Mr. Lewellen, speaking on behalf of Sky Station, noted that Canada did a study on HAPS downlinks that concluded that these links would not cause interference to PCS. The only interference would be to MMDS in Region 2 in the 2150-2160 MHz band.

At the conclusion of the reports, both Mr. Nebbia and Mr. Lewellen thanked Ms. Garcia for her work in directing the FCC WRC-03 activities over the past year.

5. NTIA Draft Preliminary Views and Proposals

Mr. Nebbia reviewed the preliminary views and proposals approved by NTIA that were sent to the FCC under four cover letters (Documents **WAC/071(15.11.01)**, **WAC/072(15.11.01)**, **WAC/073(15.11.01)** and **WAC/074(15.11.01)**) and clarified which items would require action by the advisory committee.

6. IWG Reports and Consideration of Preliminary Views or Draft Proposals

IWG-1 IMT-2000 and Terrestrial Wireless Interactive Multimedia

Mr. Wye, Vice-Chair, reported that IWG-1 held a meeting on November 13th to review the output from ITU-R WP 8F and JWP 4-9S. As a result of the ITU-R meetings, Agenda Items 1.21, 1.22 would not require proposals, but he identified

areas where the U.S. would need to develop positions. IWG-1 would be correcting an item that they expect to have ready for approval at the next advisory committee meeting.

IWG-2 Mobile-Satellite Service including GPS

Mr. Baruch, Chair, reported that IWG-2 met once since the last meeting of the full committee and that IWG-2 members had been busy working in recent ITU-R WP 8B and 8D meetings. The next meetings of IWG-2 would be on December 4th and 13th. IWG-2 Chair stated that he was looking for proposals and noted that recent NTIA proposals had been distributed to his group for consideration at the next meeting.

IWG-3 Fixed-Satellite Service/Broadcasting-Satellite Service

Ms. Creeser, Vice-Chair of IWG-3, reported that there had been no meetings since the last meeting of the advisory committee because members have been participating in the recent ITU-R WP 4A and 6S meetings. IWG-3 will be developing proposals, and its next meetings are in the afternoon on November 27th and in the morning on December 11th.

IWG-4 Fixed Service/Fixed-Satellite Service Sharing

Mr. Wengryniuk, Chair of IWG-4, reported that IWG-4 will hold meetings on November 27th and December 11th. About 2-4 proposals are expected at its Dec. 11th meeting.

IWG-5 5GHz, 13.75-14 GHz and Maritime Issues

Mr. Jansky, Chair of IWG-5, reported that his group met yesterday and had some interesting documents on the table related to Agenda Item 1.24. He noted that ITU-R JTG 4-7-8 addressing this issue would meet in February. Mr. Jansky indicated that the next meeting of IWG-5 will be on December 20th. With regard to the work on Agenda Item 1.5, Mr. Jansky urged all parties interested in the issue to attend this meeting.

IWG-6 Public Protection and Other Issues

Mr. Ireland, Vice-Chair of IWG-6, reported that IWG-6 had one meeting since the last meeting of the full committee and had drafted a proposal for conference Agenda Item 1.7.1 for which it was seeking approval of the committee:

Agenda Item 1.7.1: Document **WAC/075(15.11.01)** was approved noting that edits would be needed to the proposal format.

IWG-7 Regulatory Issues and Future Agendas

Ms. Allison, Chair of IWG-7, reported that IWG-7 met on November 13 and

adopted a revised preliminary view on Agenda Item 1.30[c] in regard to the reduction of data requirements. Mr. Jansky noted that Agenda Item 1.30 was very broad and questioned how far to go on this agenda item.

Agenda Item 1.30[c]: Document **WAC/045rev1(15.11.01)** was approved.

The next meeting of IWG-7 would be held on December 5th at Boeing. Those planning to attend were advised that they must pre-clear in order to gain entrance to the building.

7. Future Meetings

Mr. Fontes announced that the next meeting of the advisory committee would be held on Dec. 19. He referred to the updated WRC-03 Preparatory Timeline, Document **WAC/006(15.11.01)**, which was made available at this meeting and noted that the January meeting tentatively listed for January 29, 2002 will be held on January 15 instead.

8. Other Business

With no further business, the meeting adjourned at 11:15 am.

Documents Distributed:

WAC/006	Updated WRC-03 Preparatory Timeline (15.11.01)
WAC/045rev1	Revised Draft Preliminary View for WRC-03 Agenda Item 1.30[c] (IWG-7)
WAC/067	Draft Minutes of the 4 th WRC-03 Advisory Committee Meeting
WAC/068	Proposed Agenda for 5 th WRC-03 Advisory Committee Meeting
WAC/069	Recent Finalized United States Preliminary Views and Proposals for WRC-03
WAC/070	CITEL Observer at the CEPT CPC PT1 Meeting (Doc. PCC.III/inf.2099/01)
WAC/071	NTIA Approved Draft Proposals for WRC-03 Agenda Items 1.7.2, 1.19 and 1.27 and Draft Preliminary Views for Agenda Items 1.15c and 1.31c
WAC/072	NTIA Approved Draft Proposal for WRC-03 Agenda Items 1.7.3
WAC/073	NTIA Draft Proposal for WRC-03 Agenda Items 1.31
WAC/074	NTIA Draft Proposal for WRC-03 Agenda Items 1.4
WAC/075	Draft Proposals for WRC-03 Agenda Items 1.7.1 (IWG-6)

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Appendix 1
WRC-03 Advisory Committee Attendance
Fifth Meeting – November 15, 2001

Last Name	First Name	Occupation Or Affiliation
Allison	Audrey	Connexion by BoeingSM
Barth	Richard	Dept. of Commerce
Baruch	Steve	Leventhal, Senter
Baum	Kimberly	ASTROLINK International LLC
Byrd	James	Hughes
Carroll	James	Consultant - DoD
Cohen	Cecily	Nokia, Inc.
Creaser	Giselle	Telecomm Strategies
Derr	John	TIA
Fisher	Ben	Shaw Pittman
Fontes	Brian	Cingular Wireless
Harrison	Lillie	WCOM
Hofer	Chris	Hughes Network Systems
Hutchison	Kris	Aeronautical Radio, Inc.
Ireland	Walt	ARRL
Jansky	Don	Jansky/Barmat.com
Keller	Thomas	Verner Liipfert
Latker	Alex	Philip A. Rubin Assoc.
Lewellen	Mark	SFA for U.S. Army & Sky Station
Mahoney	Patricia	Final Analysis
Minnix	Tim	Boeing
Mitani	Brian	INTELSAT
Nebbia	Karl	NTIA
Palmer	L. M.	PalmTelCom
Rappoport	Eugene	Loral Space & Comm.
Renshaw	Alan	SFA, Inc.
Richards	Warren	ITT Industries
Struba	David	NASA, Office of Space Flight
Warren	Jennifer	Lockheed Martin
Weaver	Frank C.	Boeing
Wengryniuk	Jack	Astrolink
Wilson	Joanne	Array Comm.
Wright	Rich	ASRC
Wye	David	AT&T Wireless
Zoller	Julie	ITT Industries

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Appendix 2
WRC-03 Advisory Committee – FCC Representatives
Fifth Meeting – November 15, 2001

Last Name	First Name
Abelson	Don
Armstrong	Linda
Copps	Michael
Garcia	Julie
Garfield	Diane
Jacobs	Ed
Lane	Bill
Locke	Paul
Netro	Ron
Ohlson	Barry
Roytlat	Alex
Rush	Charles
Straube	Henry
Weiland	Donald