

# FINAL MINUTES

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

Date/Time: December 19, 2001 at 10:00 a.m.

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 Kevin Martin and Don Abelson, Chief of the FCC's International Bureau. Commissioner Martin stated that his purpose in attending this meeting was to hear the issues and to learn. Mr. Abelson remarked that there had been a smooth transition since he announced at the last meeting that Alexander Roytblat would be taking over as Director, WRC-03 Preparatory Activities. He then touched briefly on Mr. Roytblat's background.

Mr. Abelson pointed out that there was a CITELEP PCC.III meeting that starts on February 18<sup>th</sup> and that the goal of the advisory committee was to finalize proposals so that they could be introduced early to the international community.

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

The agenda (Document **WAC/077(19.12.01)**) was approved without change.

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

The draft minutes of the fifth meeting of the WRC-03 Advisory Meeting (Document **WAC/067(28.08.01)**) were approved with edits requested by Mark Lewellen.

#### **4. Reports from regional WRC-2003 Preparatory Meetings**

Mr. Roytlat reported on the results of the CEPT/EC 1<sup>st</sup> Consultation Meeting for WRC-03 together with the European perspective on conference agenda items. Mr. Fontes noted the usefulness of the report and recommended that this information be distributed to IWGs.

#### **5. NTIA Draft Preliminary Views and Proposals**

It was noted that the draft proposals for conference Agenda Items 1.29 and 4 (Document **WAC/078(19.12.01)**) had been distributed to the Informal Working Groups for their review.

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

##### **IWG-1 IMT-2000 and Terrestrial Wireless Interactive Multimedia**

Ms. De La Torre, Chair of IWG-1, reported that her group held no meetings since the last meeting of the advisory committee as it was waiting for documents on conference Agenda Item 1.33. She noted that there would be an ITU-R WP 8F meeting at the end of February.

##### **IWG-2 Mobile-Satellite Service including GPS**

Mr. Baruch, Chair of IWG-2, reported that his group held two meetings since the last meeting of the advisory committee. No further meetings have been scheduled, but the next meeting would probably be in February. The following IWG-2 documents were presented:

Agenda Item 1.6: Document **WAC/079(19.12.01)** was approved.

Agenda Item 1.15 (Res. 605): Document **WACC/080(19.12.01)** was approved.

Agenda Item 1.15 (Res. 606): Mr. Nebbia from the National Telecommunications and Information Administration (NTIA) noted that there had been a question from the U.S. Government side on approaches and he wondered if there had been any discussion on this from the U.S. private aviation. Mr. Baruch stated that this had not been discussed and thought that a representative from Aeronautical Radio, Inc. (ARINC) had been present at its meetings. Mr. Jansky emphasized that “no power flux density limits” were supported by all sides. Document **WAC/081(19.12.01)** was approved.

Agenda Item 1.31: Document **WAC/082(19.12.01)** was approved.

Mr. Baruch noted that two NTIA documents that were distributed at the last meeting of the advisory committee partially related to conference Agenda Items 1.15 and 1.31 and another to Agenda Item 1.4 that were assigned to IWG-2. These documents were reviewed in IWG-2 and the following comments were made:

Document **WAC/071(15.11.01)** –

- Draft Preliminary View on Agenda Item 1.15 (Res. 604 only): Mr. Baruch stated that IWG-2 had no comments on, or objection to, this draft preliminary view.
- Draft Preliminary View on Agenda Item 1.31c (Additional Allocations for MSS at 1-3 GHz): Mr. Baruch reported that IWG-2 disagrees with the RCS proposed preliminary view that there is no need for additional MSS allocations in the 1-3 GHz frequency range. Mr. Baruch stated that IWG-2 believes that the RCS preliminary view should not go forward as a U.S. preliminary view.

Document **WAC/073(15.11.01)**, (Doc.IWG-2/023) – Draft Proposal on Agenda Item 1.31: Mr. Baruch noted that this draft proposal considers both Resolution 226 (WRC-2000) and 227 (WRC-2000). Mr. Baruch reported that IWG-2 has approved its own proposal with respect to Resolution 226, which it prefers, and is submitting it to the advisory committee; but IWG-2 has not adopted a proposal with respect to Resolution 227. With respect to its discussion of Resolutions 226 and 227, Mr. Baruch explained that the RCS draft proposal contains language that IWG-2 finds judgmental and negative toward the MSS industry, disputable, and objectionable. Moreover, IWG-2 is concerned that the U.S. rejection and proposed deletion of existing MSS allocations only heightens the need to find MSS spectrum elsewhere.

Document **WAC/074(15.11.01)** – Draft Proposal on Agenda Item 1.4: Mr. Baruch reported that IWG-2 endorsed the proposal but found one sentence critical of MSS. IWG-2 requested that the sentence be removed.

In regard to the wording in the RCS proposals, Mr. Nebbia of NTIA stated that the MSS allocations issue had been around since WRC-95 and asked if anyone foresees a proposal for spectrum for MSS. Ms. Warren commented that this question should be raised in IWG-2.

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

Ms. Creeser, Vice-Chair of IWG-3, reported that there had been two meetings since the last meeting of the advisory committee; and its next meeting would be held on February 12<sup>th</sup> from 1 to 2 p.m. (unless there was nothing from RCS before that time). Ms. Creeser presented the following documents:

Agenda Item 1.11: Document **WAC/083(19.12.01)** was approved.

Agenda Item 1.29B: Document **WAC/084(19.12.01)** was approved.

Agenda Item 1.37: Document **WAC/085(19.12.01)** was approved.

Agenda Item 1.39: Document **WAC/086(19.12.01)** was approved.

Ms. Creeser also reported that IWG-3 agreed to endorse the RCS proposal on Agenda Item 1.19 (Document **WAC/071(15.11.01)** which recommends no change regarding the subject of misapplication of epfd limits.

**IWG-4 Fixed Service/Fixed-Satellite Service Sharing**

Mr. Wengryniuk, Chair of IWG-4, reported that IWG-4 will hold its next meeting on January 16<sup>th</sup> and presented the following documents:

Agenda Item 1.25: Document **WAC/087(19.12.01)** was approved.

Agenda Item 1.26: Document **WAC/088(19.12.01)** was approved. Mr. Renshaw remarked for the record that the U.S. Department of Defense took a number of exceptions that were still being resolved.

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

Mr. Jansky, Chair of IWG-5, reported that his group had no meetings since the last advisory committee meeting but a meeting was scheduled for the next day.

Mr. Jansky expressed concern that little progress has been made on formulating U.S. position on Agenda Item 1.5.

In regard to conference Agenda Item 1.24, ITU-R TG 4-7-8 would coordinate comments at its meeting in February so IWG-5 wanted to have a meeting before the next advisory committee meeting.

**IWG-6 Public Protection and Other Issues**

Mr. Ireland, Vice-Chair of IWG-6, reported that IWG-6 had no meetings since the last meeting of the advisory committee. Meetings were scheduled for January 8<sup>th</sup> and 24<sup>th</sup> at the FCC. Draft Proposals were still needed for conference Agenda Items 1.2, 1.3, and 1.38.

### **IWG-7 Regulatory Issues and Future Agendas**

Ms. Allison, Chair of IWG-7, reported that IWG-7 met on December 5 and that the group's biggest issue was conference Agenda Item 1.30. The next meeting would be held on January 31<sup>st</sup> at 1:00 p.m. at Boeing. Those planning to attend were requested to pre-clear by January 30<sup>th</sup>.

Future conference agenda items and the review of Resolutions and Recommendations were yet to be addressed. The RCS provided a draft proposal on conference Agenda Item 4 to delete (**SUP**) Resolution 63 (concerning protection from the use of ISM equipment); this was to be cleared via e-mail correspondence.

As a follow-up to the IWG-7 report on future conference agenda items, Ms. Warren stated that the informal working groups should plan to have their draft proposals finished by the June/July timeframe noting that the last meeting of the advisory committee was tentatively scheduled for July.

Mr. Nebbia, NTIA, commented that the views on GPS issues were being reviewed as things evolve. The item on Earth Stations on vessels (ESVs) would need further discussion. At 13.75-14 GHz, the proposed setting of distance limits was objectionable, and this would need to be looked at closer to see if problems can be worked out.

Mr. Roytlat announced that Robert Nelson would be replacing him as FCC Coordinator for Fixed-Satellite Service (FSS) issues on IWG-3.

### **7. Future Meetings**

Mr. Fontes announced that the next meeting of the advisory committee would be held on Jan. 30 at 10:00 a.m.

An updated preparatory timeline (Document **WAC/006(19.12.01)**) was noted.

### **8. Other Business**

An updated WRC-03 Advisory Committee Structure reflecting changes to the list of FCC representatives (Document **WAC/003(19.12.01)**) was noted.

FCC Public Notice (DA 01-2764) of approved Preliminary Views and Proposals, released November 30, 2001 (Document **WAC/089(19.12.01)**), was distributed for information.

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

Documents Distributed:

WAC/003 Updated WRC-03 Advisory Committee Structure (17.12.01)  
WAC/006 Updated WRC-03 Preparatory Timeline (19.12.01)  
WAC/076 Draft Minutes of the 5<sup>th</sup> WRC-03 Advisory Committee Meeting  
WAC/077 Proposed Agenda for 6<sup>th</sup> WAC-03 Advisory Committee Meeting  
WAC/078 NTIA Approved Draft Proposals for WRC-03 Agenda Items 1.29 and 4  
WAC/079 Draft Proposals for WRC-03 Agenda Item 1.6 (IWG-2)  
WAC/080 Draft Proposals for WRC-03 Agenda Item 1.15 (**Resolution 605**) (IWG-2)  
WAC/081 Draft Proposals for WRC-03 Agenda Item 1.15 (**Resolution 606**) (IWG-2)  
WAC/082 Draft Proposals for WRC-03 Agenda Item 1.31 (IWG-2)  
WAC/083 Draft Proposals for WRC-03 Agenda Item 1.11 (IWG-3)  
WAC/084 Draft Proposals for WRC-03 Agenda Item 1.29B (IWG-3)  
WAC/085 Draft Proposals for WRC-03 Agenda Item 1.37 (IWG-3)  
WAC/086 Draft Proposals for WRC-03 Agenda Item 1.39 (IWG-3)  
WAC/087 Draft Proposals for WRC-03 Agenda Item 1.25 (IWG-4)  
WAC/088 Draft Proposals for WRC-03 Agenda Item 1.26 (IWG-4)  
WAC/089 FCC Public Notice, DA 01-2764, Released November 30, 2001

**MINUTES**  
**Appendix 1**  
**WRC-03 Advisory Committee Attendance**  
**Sixth Meeting – December 19, 2001**

<b>Last Name</b>	<b>First Name</b>	<b>Occupation Or Affiliation</b>
Allison	Audrey	Connexion by BoeingSM
Baruch	Steve	Leventhal, Senter
Byrd	James	Hughes
Carroll	James	Consultant - DoD
Cohen	Cecily	Nokia, Inc.
Creaser	Giselle	Telecomm Strategies
Davis	Rikke	Sprint
DeLaTorre	Mindel	TMG
Doiron	Steven	INTELSAT
Fisher	Ben	Shaw Pittman
Fontes	Brian	Cingular Wireless
Gielen	Karen N.	The Boeing Company
Greczyn	Mary	Comm Daily
Greenhill	John	Department of Energy
Haines	Robin	NTIA
Harrison	Lillie	WCOM
Hofer	Chris	Hughes Network Systems
Ireland	Walt	ARRL
Jablonski	Dan	AFTRCC
Jansky	Don	Jansky/Barmat.com
Keane	Ken	Arter & Hadden for AFTRCC
Latker	Alex	Philip A. Rubin Assoc.
LeClair	Roger	for DOD
Lewellen	Mark	SFA for U.S. Army & Sky Station
Mitchell	Michael W.	Consultant, Space Technology
Nebbia	Karl	NTIA
Palmer	L. M.	PalmTelCom
Rappoport	Eugene	Loral Space & Comm.
Renshaw	Alan	SFA, Inc.
Rinker	Alan	Boeing
Rodini	Stephen	WorldCom
Romanello	Michael	TRI
Rosenberg	Eric	Iridium Satellite LLC
Siddall	David	Verner Liipfert
Sullivan	Thomas	Motient Satellite Venture
Warren	Jennifer	Lockheed Martin
Weaver	Frank C.	Boeing
Weinreich	David	GlobalStar, L.P.
Wengryniuk	Jack	Astrolink
Zoller	Julie	ITT Industries

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**Appendix 2**  
**WRC-03 Advisory Committee – FCC Representatives**  
**Sixth Meeting – December 19, 2001**

<b>Last Name</b>	<b>First Name</b>
Abelson	Don
Breig	Charlie
Buchanan	Julie
Giusti	John
Jacobs	Ed
Luther	William
Marrangoni	Paul
Martin	Kevin
Roytblat	Alex
Weiland	Donald
Wolf	Marcus