

Meeting Minutes

Meeting: Sixth Meeting of WAC-15, IWG-4

Date/Time: 5 June 2013, 1:30 p.m. EDT

Location: Teleconference Only

Participants: See Participants' List (attached)

FCC Employees Present: Alex Roytblat, Sankar Persaud, Michael Mullinix

Meeting Summary:

1. The meeting was called to order at 1:32 p.m. EDT by the Chairman, Stephen Baruch, and all participants introduced themselves. Participants were asked to send an email to the Chairman for the participation record.
2. The meeting appointed Alan Rinker to prepare the minutes
3. The agenda of the meeting (Doc. IWG-4/023R1) was approved.
4. The minutes from the Fifth Meeting (Doc. IWG-4/022) were approved without change; the approved minutes are to be posted to the FCC website.
5. The Chair asked for any reports of international activities.
 - **CITEL PCC.II**
The Chair noted that a number of US Preliminary Views were addressed at the last CITEL PCC.II meeting. The next CITEL meeting is expected to be in November 2013. A WAC meeting to prepare for that meeting is expected to be held in mid September.
 - **Working Party 4A**
The Chair noted that a number of regulatory issues were discussed at ITU WP4A, including some fresh looks at the ITU's approach to notification of satellite networks. These generated a great deal of discussion at that meeting, and the ideas presented will require careful thought. J. Wengryniuk indicated that a summary of those discussions can be found in the Chairman's Report (Doc. WP4A/242) of the meeting. It was also noted that the various ideas presented are inter-related and should not be considered individually.
 - **CR/343**
The Chair noted Circular Letter **CR/343** from the Director of the Radiocommunication Bureau addressing the implementation of provisions relating to the bringing into use of frequency assignments under the new **RR 11.44B**. At the recent meeting of the RAG, some

administrations felt that the letter addressed issues that might be more appropriate for the Radio Regulation Board. This may require a US draft proposal under Agenda Item 7.

6. Consideration of Draft Preliminary Views

The Chair recognized that some IWG-4 participants were involved in coordination meetings taking place concurrently with this meeting of IWG-4 and therefore could not attend. He indicated that all substantive documents considered would be tabled until the next IWG-4 meeting to make sure that there is ample opportunity for everyone to comment on potential substantive outputs.

The Chair also passed along a statement from A. Roytblat that the IWG should now be concentrating on proposals, rather than preliminary views, in order to help ensure that U.S. proposals are reflected as methods to satisfy the agenda items in the draft CPM text that the ITU-R working parties are to produce by the summer of 2014.

- **Agenda Item 9.1.5, Resolution 154**, Consideration of technical and regulatory actions in order to support existing and future operation of fixed-satellite service earth stations within the band 3 400-4 200 MHz, as an aid to the safe operation of aircraft and reliable distribution of meteorological information in some countries in Region 1 (*Doc. IWG-4/010R2*)

D. Jansky introduced this document. It was developed as a result of discussions among those who had commented on it at the last WAC meeting. A. Sanders noted that the paper does not mention the on-going proceedings in the FCC on this issue. This issue was raised when the document was presented at the WAC. It was noted, however, that domestic activities are not normally included in US submissions outside of the country. There were no objections to the paper. The paper was tabled to give those not present the opportunity to comment on the paper.

7. Consideration of Draft Proposals:

- **Agenda Item 7**, Draft Proposal from RCS for No. 11.49 (*Doc. IWG-4/019*)
This document had been introduced at the previous IWG-4 meeting, and tabled. The document was tabled till the next meeting. Participants were invited to look at comments circulated in February by Jack Wengryniuk. Further comments should be made in the form of redline modifications to Document IWG-4/019.
- **Agenda Item 9.2**, Draft Proposal from RCS for Article 5, Section II (Different category of service as used in Article 5 (*Doc. IWG-4/024 WAC044*)).
L. Reed introduced this document. It was prompted by Canada contribution to CITELE addressing Section 2 of Article 5 of the Radio Regulations. There is a need to clarify what is meant by the term “different category of service”. D. Jansky raised a question with respect to the example given in the proposed document, and a modification to the text was discussed. Canada’s proposal will be studied in more detail for unintended consequences.

The document was tabled to the next IWG-4 meeting. Comments should be made as a redline revision of the RCS draft proposal.

8. Update on IWG-4 Agenda Items:

The Chair asked the participants for their intentions regarding the following WRC-15 Agenda items:

- **Agenda Item 2:** Incorporation by Reference (*No PV or Proposal*)
No issues were identified at this time.
- **Agenda Item 4:** Update of Resolutions and Recommendations (*No PV or Proposal*)
This item addresses the suppression/deletion/revision of existing Resolutions and Recommendations. The Chair asked for any proposals regarding specific items. D. Jansky noted that Study Group 5 has prepared a Draft New Report for approval in September that might provide an opportunity to suppress Res. 608. Time for action would not be until after the Study Group 5 meeting in November. L. Reed indicated that we can expect a list of suggestions under this Agenda Item from the BR in the Director's Report.
- **Agenda Item 7:** Possible Changes to Advance Publication, Coordination, Notification, and Recording Procedures for Frequency Assignments Pertaining to Satellite Networks in Accordance with Resolution 86 (Rev. WRC-07) (*No PV; RCS Proposal under No. 11.49 being considered in IWG-4/019*)
No other issues were identified at this time.
- **Agenda Item 8:** Country Footnotes (*No PV or Proposal*)
Nothing is expected.
- **Agenda Item 9:** Director's Report
 - **Agenda Item 9.1:** Radiocommunication Sector Activities Since WRC-12 (*No PV or Proposal*)
No general issues were identified at this time.
 - **Issue 9.1.1:** Res. 205, Protection of MSS at 406-406.1 MHz (*No PV or Proposal*)
No issues were identified at this time
 - **Issue 9.1.2:** Res. 756, Coordination Arc/Technical Criteria for No.9.41 (*Two PVs – IWG-4/009 and IWG-4/021 sent to WAC*)
D. Jansky stated that the range of topics that may be addressed has expanded as a result of the discussions at WP4A, because the various technical aspects are

all inter-related. Proposals may need to await further developments at future meetings of WP4A.

- **Issue 9.1.3:** Res. 11, Int'l Public Telecommunication Services in Developing Countries (*No PV or Proposal*)
No inputs are expected
- **Issue 9.1.4:** Res. 67, Rearrangement of the Radio Regulations (*PV – IWG-4/011R2 sent to WAC*)
The US PV for this issue is for NOC, so this may lead to a proposal.
- **Issue 9.1.5:** Res. 154, FSS Earth Stations in Some Region 1 Countries in the 3.4-4.2 GHz Band as an Aid to Safe Operation of Aircraft/Reliable Distribution of Meteorological Information (*Draft PV – IWG-4/010R2*)
Participants are still working on a PV for this issue, see above.
- **Issue 9.1.6:** Res. 957, Fixed Service, Fixed Station, and Mobile Station Definitions (*No PV or Proposal*)
No inputs are expected
- **Issue 9.1.7:** Res. 647, Emergency and Disaster Relief Guidelines (*No PV or Proposal*)
No inputs are expected
- **Issue 9.1.8:** Res. 757, Pico/Nanosatellites (*PV – IWG-4/020R1 sent to WAC*)
D. Jansky noted that there has been some difficulty in defining a pico- or nano-satellite, and so it could be difficult to write appropriate regulations.
- **Agenda Item 9.2:** Difficulties or Inconsistencies in Application of the Radio Regulations (*No PV or Proposal*)
No inputs at this time other than those shown above.
- **Agenda Item 9.3:** Action in Response to Res. 80 (Rev. WRC-07) (*No PV or Proposal*)
D. Jansky noted that the previous conference proposal from the US may still be applicable and could provide useful inputs.
Iran (Doc. WP4A/178) addressed Articles 9, 11 and the period of validity at the recent WP4A meeting. This may lead to proposals from their Administration.

- **Agenda Item 10:** Future Conference Agendas (*No PV or Proposal*)
No inputs were identified at this time.

9. **Future Meetings**

The next meeting of IWG-4 will be 17 July at 10:30 am EDT. It was recognized that some IWG-4 participants would have difficulty in attending because of their participation in other ITU meetings. Participants were therefore encouraged to make their comments to the authors of the documents before the next meeting.

Dates for the possible August and September meetings of IWG-4 will be determined at the July meeting.

10. **Other Business**

There was no other business.

The meeting adjourned at 2:35 pm EDT.

Documents Distributed: The following documents were discussed during the meeting:

See Attached Document List

Public Participation Statement: This meeting was open to the public as announced by Public Notice DA 13-1094.

IWG-4 Meeting Participants List

June 5, 2013

<u>Last Name</u>	<u>First Name</u>	<u>Company</u>
Albuquerque	Jose	Intelsat
Baruch	Steve	Lerman Senter
Bilquist	Scott	WRC Rept
Botwin	Matt	CGP Solutions
D u mit	Pascale	SES
Feldhake	Glenn	NASA
Gerdenitsch	Alex	Motorola Mobility
Jansky	Donald	Jansky-Barmat Telecommunications
Ladson	Damon C.	Wiltshire & Grannis
Leon	Giadira	Hughes Network Systems
Maimo	Angela	NTIA
Mulliniz	Michael	FCC
Persaud	Sankar	FCC
Reed	Larry	ASRC
Rinker	Alan	Boeing
Roytblat	Alex	FCC
Sanders	Amy	Alcatel Lucent
Stancavage	Jayne	Intel
Walsh	Tom	Aerospace
Ward	Stephen	Dept. of Navy
Wengryniuk	Jack	DirectTV
Whyte	Wayne	NASA

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WRC-15 Advisory Committee

IWG-4: Regulatory Issues

DOCUMENT LIST

<i>Document Number</i>	<i>Date</i>	<i>Author</i>	<i>Title</i>	<i>Status</i>
IWG-4/010R2	2/27/13	K. Baum D. Jansky	Draft Preliminary views for WRC-15 (Agenda Item 9.1.5)	Tabled to next IWG-4 meeting
IWG-4/019	2/19/13	NTIA/RCS	Draft Executive Branch Proposal for AI 7, No. 11.49	Tabled to next IWG-4 meeting
IWG-4/022	3/14/13	S. Baruch	Draft Minutes from 5 th Meeting of IWG-4	Approved without change
IWG-4/023R1	6/5/13	S. Baruch	Draft Agenda for 5 th Meeting of IWG-4	Approved without change
IWG-4/024 WAC044	5/6/13	NTIA/RCS	Draft Executive Branch Proposal for AI 9.2, Article 5, Section II	Tabled to next IWG-4 meeting