

**Meeting Minutes**

Meeting: Eleventh Meeting of IWG-4 for WRC-15 WAC

Date/Time: 11 June 2014, 1:00 p.m. EST

Location: Teleconference Only

Participants: See Participants' List (attached)

FCC Employees Present: Alex Roytblat, Joe Hill, Michael Mullinix, Sankar Persaud, Carlos Flores

Meeting Summary:

1. The meeting was called to order at 1:00 p.m. EST by the Chairperson, and participants introduced themselves. Participants were asked to provide email notification of their attendance to the Chairperson.
2. The draft agenda of the meeting (Doc. IWG-4/038R1) was approved without change.
3. The Chairperson volunteered to prepare the meeting minutes.
4. The minutes from the tenth meeting (Doc. IWG-4/037) were approved without change. The approved minutes are to be posted to the FCC website.
5. Consideration of Draft Preliminary Views

There were no preliminary views for consideration.

6. Consideration of Draft Preliminary Proposals

The meeting considered five draft proposals – Documents IWG-4/032 and IWG/4-033R3 were carried over from prior meetings; Documents IWG-4/039, IWG-4/040, and IWG-4/041 were new documents.

Doc. IWG-4/032: The Chairperson stated that no action had been taken on this draft proposal for AI 7 (Nos. 11.25 and 11.49) since the last meeting, and the meeting agreed to maintain the document in tabled status. Mr. Wengryniuk noted that a pending U.S. contribution to the July 2014 meeting of Working Party 4A was looking at the same issue, and the CPM text from WP 4A could provide a basis for further action on the document.

Doc. IWG-4/033R3: This document is a draft proposal under AI 9.1 to modify the Table of Frequency Allocations to include a new allocation to the AMS(R)S in 960-1164 MHz to accommodate a secondary payload on non-GSO satellites for the reception of Automatic Dependent Surveillance-Broadcast (ADS-B) signals for the benefit of aviation in areas away from land masses. The meeting noted that the document, which had been approved by IWG-4 at its Tenth Meeting, was returned to IWG-4 without WAC consideration at the

proponent's request. Mr. Ladson indicated that discussions regarding the document were ongoing, and the meeting agreed to maintain the document in tabled status, with the understanding that IWG-4 would have to approve the document before it could be resubmitted for WAC consideration.

Doc. IWG-4/039: Mr. Jansky introduced this proposal from SES for Appendix 30B suspension provisions under AI 7. The document was favorably received. The meeting noted that it may be necessary to add language that either aligns the proposal with the U.S. proposal to modify the "six months" element of No. 11.49, or to indicate that the final changes to Appendix 30B suspension provisions should be aligned with the outcome of the WRC on proposals for No. 11.49. Mr. Roytblat reminded the IWG of the need to ensure that proposals are formatted in a manner consistent with the guidance provided by the ITU. The meeting agreed to table the document for consideration at its next meeting, with a view toward approval for submission to the August 27, 2014 WAC meeting.

Doc. IWG-4/040: Ms. Creeser introduced this proposal from Inmarsat for accommodation of earth stations on moving platforms ("ESOMPs") in the upper 500 MHz of the 30/20 GHz FSS bands. Mr. Ladson noted that Iridium would be in touch with the proponents with comments. Mr. Wengryniuk inquired about possible overlap with existing No. 5.526, and Ms. Creeser explained the different focus of that regulation as compared with the new footnote proposed in her document. The meeting discussed the development of proposals on 30/20 GHz-band ESOMPs in CEPT. There was a short discussion of whether the proposal should be submitted under AI 7 or AI 9.0, with Mr. Reed observing that RCS has recently considered a proposal similar to Doc. IWG-4/040 under AI 7. The meeting agreed to table the document for consideration at its next meeting, with a view toward approval for submission to the August 27, 2014 WAC meeting.

Doc. IWG-4/041: Mr. Jansky, again on behalf of SES, introduced this new draft proposal under AI 7 to modify Annex 7 of Appendix 30 to reflect the results of ITU-R studies on interregional FSS/BSS sharing. Mr. Jansky noted that the technical support for this proposal is found in a pending U.S. contribution to Working Party 4A (Doc. USWP4A/24R1), and that the result should be the suppression of Paragraph A of Annex 7. The meeting responded favorably to the draft proposal, and offered some suggestions for potential improvements to the document. The meeting also noted that the formatting of the document needed to be revised. The meeting agreed to table the document for consideration at its next meeting, with a view toward approval for submission to the August 27, 2014 WAC meeting.

#### 7. Update on IWG-4 Agenda Items

The Chairperson pointed out that he had included this part of the agenda simply to remind everyone as to the status of various issues within IWG-4. There was no discussion of this update.

#### 8. Future Meetings

The meeting agreed to hold the Twelfth Meeting of IWG-4 on August 5, 2014, at 1:00-2:30 pm EDT.

9. Other Business

The Chairperson noted that there were two circular letters containing draft rules of procedure proposed by the ITU Radiocommunication Bureau for consideration at the July/August 2014 meeting of the Radio Regulations Board. The draft rules of procedure are out for comment in the ITAC-R National Committee, and the Chairperson encouraged interested parties to provide comments.

The meeting adjourned at around 1:45 p.m. EST.

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 14-694.

IWG-4 Meeting Participants List

June 11, 2014

<u>Last Name</u>	<u>First Name</u>	<u>Company</u>
Baruch	Steve	New Wave Spectrum Partners
Bjornson	Christopher	Steptoe and Johnson
Creaser	Giselle	For Inmarsat
Denny	Robert	NTIA
DeVane	Candice	Intelsat
Dockemeyer	Robert	Delphi
Entz	Kyle	Sprint
Flores	Carlos	FCC
Frank	Carl	Wiley Rein
Greenhill	John	Dept. of Energy
Hill	Joe	FCC
Hunter	Darryl	ViaSat
Jansky	Donald	Jansky-Barmat Telecommunications
Ladson	Damon	Harris Wiltshire for Iridium
Leon	Giadira	Hughes Network Systems
Mullinix	Michael	FCC
Nguyen	Anh-Thu	Exelis
O'Keefe	Kelly	Access Partnership
Patten	Brian	NTIA
Persaud	Sankar	FCC
Piñeres	Danielle	Harris, Wiltshire for Google
Reed	Larry	ASRC
Rinker	Alan	Boeing
Roytblat	Alex	FCC
Sung	Li Ching	NTIA
Ward	Steve	MMI
Wengryniuk	Jack	DirectTV

## 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-4/032	12/13/13	S. Baruch	Draft Proposal for AI 7 on Nos. 11.25 and 11.49 re BIU before Notification	Distributed 12/13/13; tabled 12/16/13; re-tabled 1/13/14; re-tabled 6/11/14
IWG-4/033R3	06/09/14	D. Ladson	Draft Proposal for AI 9.1 on ADS-B in 960-1164 MHz	Distributed 12/15/13; tabled 12/16/13; R1 distributed 1/3/14; provisionally approved 1/13/14; returned to IWG-4 and tabled 6/11/14
IWG-4/037	1/13/14	J. Wengryniuk	Draft Minutes of Tenth IWG-4 Meeting	Approved 6/11/14
IWG-4/038R1	6/10/14	S. Baruch	Agenda for Eleventh Meeting of IWG-4	Distributed 6/10/14; approved 6/11/14
IWG-4/039	6/9/14	K. Baum/D. Jansky	Draft Proposal for AI 7 on Suspension Provisions in Appendix 30B	Distributed 6/9/14; tabled 6/11/14
IWG-4/040	6/10/14	G. Creeser, C. Murphy	Draft Proposal for AI 7 or AI 9.0 on ESOMPs in 30/20 GHz FSS Bands	Distributed 6/10/14; tabled 6/11/14
IWG-4/041	6/10/14	K. Baum/D.	Draft Proposal for AI 7 on Annex 7 to Appendix 30 (FSS/BSS	Distributed 6/10/14; tabled

<i>Document Number</i>	<i>Date</i>	<i>Author</i>	<i>Title</i>	<i>Status</i>
		Jansky	interregional sharing)	6/11/14