

### Meeting Minutes

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

Date/Time: 23 April 2015, 1:30 p.m. EDT

Location: Teleconference Only

Participants: See Participants' List (attached)

FCC Employees Present: Joseph Hill, Chip Fleming

Meeting Summary:

1. The meeting was called to order at 1:30 pm EDT by the Chairman, and participants were asked to provide email notification of their attendance to the Chairman. The introductory remarks included a discussion of whether new proposals for Agenda Item 7 could be brought to the PCC.II meeting in August. Mr. Conner (Coordinator for AI 7 in PCC.II) indicated that proposals related to new Agenda Item 7 issues arising at CPM could be brought to the August meeting; the Chairman noted that some of the "new" documents for this meeting addressed issues for which there are already preliminary proposals. The meeting decided to prepare what it felt important, to provide maximum flexibility to the FCC and the CITEL PCC.II delegation down the line.
2. The draft agenda of the meeting (Doc. IWG-4/056) was approved, with just an editorial change regarding document numbering.
3. The Chairman volunteered to prepare the meeting minutes.
4. The draft minutes from the fifteenth meeting (Doc. IWG-4/055) were approved without change. The approved minutes are to be posted to the FCC website.
5. Consideration of Draft Proposals

The meeting considered three proposals from NTIA.

Mr. Conner introduced the draft proposal from NTIA in Document WAC/105 for Agenda Item 7, Issue D (use of modern electronic means of communication). He noted that the draft proposal reflects the single method for this Issue that came from Working Party 4A and the SCRPM into the CPM, but does not capture minor revisions made at CPM itself. IWG-4 will consider comments on this proposal to align the text with changes made at CPM-15/2. See Discussion below of Doc. IWG-4/057.

Mr. Whyte (NASA) introduced the draft proposal from NTIA in Document WAC/105 for Agenda Item 9.2, on clarification of the use of the space research service allocation in the 7145-~~7235~~-7190 MHz band designated for deep space uses during launch and near-Earth phases of operation. Mr. Whyte noted that NTIA had proceeded with a proposal to revise Article 4, rather than to change definitions. During discussion, Mr. Whyte and Mr. Reed

observed that the CPM Report includes a slightly revised version of the Article 4 addition, but that the text is substantively the same. Mr. Whyte agreed to distribute the CPM version to IWG-4. The meeting agreed that IWG-4 would report to the WAC that it had no comments on the NTIA proposal for AI 9.2 in Doc. WAC/105, and that it would note that this “no comment” determination extends as well to the slightly-revised version of the proposal that appears as a regulatory example in Section 2/9.2.2/5.1 of the CPM Report.

Mr. Conner introduced the draft proposal from NTIA in Document WAC/108 for Agenda Item 7, Issue H (satellite hopping). While the proposal reflects the no-change position the U.S. brought into the SCRPM meeting, Mr. Conner noted that there are now multiple methods, including a method containing a French-proposed resolution. He asked IWG-4 to take into consideration that many regions and administrations feel that satellite hopping is a serious issue that merits careful analysis. Mr. Wengryniuk observed that some of the background text (e.g., paragraph 3 and a sentence in paragraph 4) have been overtaken by events transpiring at the CPM, and should be reconsidered. The meeting determined that it would be appropriate for IWG-4 to provide some comments back to NTIA on Doc. WAC/108, and Mr. Wengryniuk generously volunteered to prepare a draft of these comments for the next IWG-4 meeting.

Mr. Baruch introduced Document IWG-4/057, which ~~contains~~ ~~are~~ proposed IWG-4 comments on the NTIA proposal in Doc. WAC/105 for Issue D. The comments mainly align the NTIA proposal with the single method for Issue D – particularly for Resolution 907 and 908 – that ~~are-is~~ reflected in the CPM Report. There were no comments or objections. The meeting agreed to table the document for consideration at the next IWG-4 meeting.

Ms. ~~Ms.~~Baum introduced Document IWG-4/059, which is a draft proposal for Agenda Item 7, Issue I. Mr. Reed offered some stylistic comments for the first paragraph of the background. The meeting agreed to table the document, and Ms. Baum agreed to produce a revised draft for the next IWG-4 meeting reflecting these and any other comments received.

Mr. Baruch introduced Document IWG-4/060, which is a draft proposal for Agenda Item 7, Issue G. Mr. Baruch noted that the draft proposal tracks the single method for Issue G in the CPM Report. Mr. Reed observed that there could be some editorial improvement to the reasons under the proposals, and offered to provide language to Mr. Baruch. The meeting agreed to table the document, and Mr. Baruch agreed to produce a revised draft for the next IWG-4 meeting reflecting these and any other comments received.

Ms. Baum introduced Document IWG-4/0589, which is a proposal for a future agenda item to address unresolved issues regarding Annex 7 to Appendix 30 to the Radio Regulations. Mr. Wengryniuk offered a comment on the first resolves in the draft resolution, which was accepted. Ms. Leon indicated that Intelsat may have comments on the proposal.

## 6. Update on IWG-4 Agenda Items

The Chairman noted that there are not yet any U.S. proposals, from either NTIA or the WAC, on AI 7 Issues B, J, K, and L from the CPM Report. There were no other updates on IWG-4 agenda items.

7. Future Meetings

The meeting agreed that the next, and possibly final, IWG-4 meeting for the WRC-15 cycle will be held by teleconference on May 4, at 11:00 EDT. A determination as to any additional meetings prior to the May 20, 2015 WAC meeting would be made at that time..

8. Other Business

Mr. Whyte informed the meeting that he had provided the CPM element that corresponds to the NTIA Agenda 9.2 proposal in Document WAC/105. There was no additional other business.

The meeting adjourned at around 2:30 p.m. 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 15-448.

IWG-4 Meeting Participants List

April 23, 2015

<u>Last Name</u>	<u>First Name</u>	<u>Company</u>
Baruch	Steve	New Wave Spectrum Partners
Baum	Kim	SES
Conner	Jerry	Exelis
<u>Creeser</u>	<u>Giselle</u>	<u>Inmarsat</u>
Dockemeyer	Robert	Delphi
Entz	Kyle	Sprint
Fleming	Chip	FCC
Hill	Joe	FCC
Hofer	Chris	ViaSat
Jansky	Don	Jansky-Barmat Telecom
<u>Kolb</u>	<u>Kim</u>	<u>Boeing</u>
Kotler	Scott	Lockheed Martin
Ladson	Damon	Harris Wiltshire for Iridium
Leon	Giadira	Hughes Network Systems
Lohmeyer	Whitney	OneWeb
Patten	Brian	NTIA
Reed	Larry	ASRC
<u>Rosenbaum</u>	<u>Zach</u>	<u>EchoStar</u>
Sanders	Amy	Alcatel-Lucent
Sung	LiChing	NTIA
Ward	Steve	MMI
Wengryniuk	Jack	DIRECTV
Whyte	Wayne	NASA

## 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>
WAC/105	1/27/15	NTIA	Draft Proposals for AI 7 (Issue D) and AI 9.2	Addressed 4/23/15
WAC/108	2/18/15	NTIA	Draft Proposal for AI 7 (Issue H)	Addressed 4/23/15
IWG-4/055	12/03/14	S. Baruch	Draft Minutes for 15 <sup>th</sup> Meeting of IWG-4	Approved 4/23/15
IWG-4/056	4/22/15	S. Baruch	Draft Agenda for 16 <sup>th</sup> Meeting of IWG-4	Approved with minor edit 4/23/15
IWG-4/057	4/22/15	S. Baruch	Draft Comments of IWG-4 on Issue D from WAC/105	Tabled 4/23/15
IWG-4/058	4/22/15	K. Baum	Draft Proposal for Agenda Item 10 (Annex 7 to App. 30)	Tabled 4/23/15
IWG-4/059	4/22/15	K. Baum	Draft Proposal for Agenda Item 7 (Issue I)	Tabled 4/23/15
IWG-4/060	4/22/15	S. Baruch	Draft Proposal for Agenda Item 7 (Issue G)	Tabled 4/23/15