

Meeting Minutes

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

Date/Time: 16 December 2013, 1:00 p.m. EST

Location: Teleconference Only

Participants: See Participants' List (attached)

FCC Employees Present: Alex Roytblat, Sankar Persaud, Joe Hill

Meeting Summary:

1. The meeting was called to order at 1:00 p.m. EST by the Chair, and participants introduced themselves.
2. The meeting granted the Chair the privilege, once again, of preparing the meeting minutes.
3. The draft agenda of the meeting (Doc. IWG-4/031) was approved with revisions that appear in Doc. IWG-4/031R1.
4. The minutes from the Eighth Meeting (Doc. IWG-4/030R1) were approved with just a name-spelling correction. The approved minutes are to be posted to the FCC website.
5. The Chair asked for a report on relevant international activities since the August meeting of IWG-4. Mr. Jansky reported that there was nothing of direct relevance during the October meeting of ITU-R Working Party 4A. Mr. Kotler (NTIA) reported that the U.S. proposal for modification of No. 11.49 of the Radio Regulations was discussed at the most recent meeting of CITEL PCC.II, and that the U.S. proposal (joined by Canada and Costa Rica) is now one of two DIAPs on the subject. With respect to the November meeting of the ITU Radio Regulations Board, Mr. Kotler (NTIA) gave a summary of the RRB's treatment of draft rules of procedure for Nos. 11.41/11.41.2 and Nos. 11.44/11.44B, and the expected future progress of the issue at the RRB. Finally, Mr. Kotler (NTIA) provided a thorough and detailed summary of the activities at the December meeting of the ITU-R Working Party of the Special Committee, where many separate issues under Agenda Items 7 and 9 for WRC-15 (including elimination of the six-month gap between API and CR, satellite hopping, modification to suspension provisions in Appendix 30B, "capability" of space stations under No. 11.44B, satellite leasing, and space station failure during the 90-day bringing-into-use period) were discussed and treated.
- 6. Consideration of Draft Preliminary Views**

The meeting considered a draft preliminary view (Doc. IWG-4/034) from Ms. Baum (SES) on the subject of Annex 7 to Appendix 30. Following introduction of the document, which

was distributed just before the meeting, the document was tabled and participants were invited to provide comments to Ms. Baum.

7. Consideration of Draft Proposals

The meeting considered Document IWG-4/032, a draft proposal to modify Article 11 to preclude information regarding bringing into use from being provided to the ITU prior to submission of notification information. Mr. Baruch (Spectrum Five) introduced the proposal. Ms. Baum (SES) and Mr. Yates (Intelsat) both expressed reservations about the proposal, and Mr. Reed (ASRC), observer, suggested that the “reason” under the proposal for No. 11.25 may need to be reexamined. The meeting decided that a small group coordinated by Mr. Baruch would try to discuss the proposal in advance of the 10th meeting of IWG-4.

The meeting considered Document IWG-4/033, a new draft proposal under Agenda Item 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-geostationary satellites for the reception of Automatic Dependent Surveillance-Broadcast (ADS-B) signals for the benefit of aviation in areas away from land masses. Mr. Jansky and Mr. Ladson (both Iridium) introduced aspects of the proposal. During the ensuing discussion, suggestions were made regarding the format of the document and contents of the new proposed footnote for Article 5. It was noted that Working Party 5B was addressing the technical issue, and Mr. Ladson confirmed that the proposal did not contemplate any change in status of the frequencies used by the subject non-GSO system for feeder links and crosslinks stemming from the provision of ADS-B. Questions also arose (Ms. Baum/SES) as to whether the proposal was within the scope of Agenda Item 9.1. Mr. Jansky indicated that the Radiocommunication Bureau had suggested the use of Agenda Item 9.1 as a mechanism for advancing the allocation proposal. The meeting decided that a small group coordinated by Mr. Ladson would try to discuss the proposal in advance of the 10th meeting of IWG-4.

The meeting considered the proposal from NTIA under Agenda Item 10 (Doc. WAC-058) for a WRC-18 agenda item to consider a new meteorological satellite service (space-to-Earth) allocation in the 460-470 MHz band. The meeting determined that this proposal was not within the mandate of IWG-4, and Ms. Stancavage (Vice Chair of IWG-2) confirmed that the proposal would be treated on its merits within IWG-2.

8. Update on IWG-4 Agenda Items

Ms. Baum (SES) asked for a status report on the WAC-approved preliminary view on Issue 9.1.5 under Agenda Item 9.1. Mr. Roytblat (FCC) indicated that the FCC had concerns with the PV (indicated in the 9/20/13 public notice), and that the draft PV had not gone to reconciliation with NTIA.

9. Future Meetings

The next meeting of IWG-4 will be held on January 13, 2014, at 1:00 pm EST, as a teleconference only meeting. A determination will be made at that meeting whether a second January IWG-4 meeting prior to the January 27 WAC meeting is needed.

10. Other Business

There was no other business.

The meeting adjourned at 2:15 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 13-2247.

IWG-4 Meeting Participants List

December 16, 2013

<u>Last Name</u>	<u>First Name</u>	<u>Company</u>
Amodio	Pat	EchoStar
Baruch	Steve	Spectrum Five
Baum	Kim	SES
Bjornson	Chris	Step toe & Johnson
Bonomo	Phil	Lerman Senter for Lockheed Martin
Botwin	Matt	For ViaSat
Caldwell	Winston	Fox Networks
Choi	David	Mitre
Creaser	Giselle	For Inmarsat
Dockemeyer	Robert	Delphi
Drazenovich	Darlene	NTIA
Feltman	Andy	Exelis
Greenhill	John	Dept. of Energy
Hill	Joe	FCC
Jansky	Donald	Jansky-Barmat Telecommunications
Kotler	Scott	NTIA
Ladson	Damon	Wiltshire and Grannis for Iridium
Leon	Giadira	Hughes Network Systems
Murphy	Chris	Inmarsat
Nalda	Carlos	LMI for Lockheed Martin
Persaud	Sankar	FCC
Piñeres	Danielle	Wiltshire and Grannis for Google
Reed	Larry	ASRC
Rinker	Alan	Boeing
Roytblat	Alex	FCC
Stancavage	Jane	Intel
Sung	Li Ching	NTIA
Walsh	Tom	Aerospace
Ward	Steve	MMI
Whyte	Wayne	NASA
Yates	Alan	Intelsat
Zichy	Franz	Dept. of State

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-4/030	8/20/13	D. Jansky	Draft Minutes from 8 th Meeting of IWG-4	Distributed 8/21/13; approved 12/16/13
IWG-4/031	12/13/13	S. Baruch	Draft Agenda for 9 th Meeting of IWG-4	Distributed 12/13/13; approved as R1 12/16/13
IWG-4/032	12/13/13	S. Baruch	Draft Proposal for AI 7 on Nos. 11.25 and 11.49	Distributed 12/13/13; tabled 12/16/13
IWG-4/033	12/15/13	D. Ladson	Draft Proposal for AI 9.1 on ADS-B in 960-1164 MHz	Tabled 12/16/13
IWG-4/034	12/16/13	K. Baum	Draft PV for AI 7 on Annex 7 to Appendix 30	Tabled 12/16/13