**Meeting Minutes**

Meeting: IWG-2 (Meeting 26)

Date/Time: Friday, December 20, 2018 1:00 p.m.-3:00 p.m. EDT

Location: Conference call

Committee Members & Observers Present:

Chair: Jayne Stancavage (Intel Corporation)

For additional members and observers present, see attached Appendix A.

FCC Employees Present:

Michael Mullinix, DFO for WAC-19, Dante Ibarra, and Allen Yang confirmed their presence on the call.

Meeting Summary:

1. Approval of Agenda:

Jayne Stancavage introduced the agenda in **Document IWG-2/093 (20.12.18)**.

The agenda was approved.

1. FCC Reps, Opening Remarks and Introductions:

Following roll call, participants were asked to email the chair confirming their presence on the call.

The Chair requested that participants follow the guidance recently provided by the FCC to WAC members with respect to ongoing FCC spectrum auctions, 101 & 102. Mr. Mullinix requested that IWG-2 members contact him directly if they have any questions.

1. Approval of minutes from previous IWG-2 meeting:

The minutes of the previous meeting contained in **IWG-2/092 (20.12.18)** were approved.

Andy Scott, NCTA, volunteered to take the minutes.

1. Discussion of Draft IWG-2 Preliminary Proposals:
2. AI 1.13 – Document **WAC 074(21.09.18)/ IWG-094 (20.12.18)**:

Mr. Mullinix reminded the meeting that this document was introduced by the NTIA at the WAC meeting of October 1, 2018, and that IWG-2 is responsible for those proposals that pertain to AI 1.13 (IMT) and AI 1.14 (HAPS). However, the WAC has already provided guidance on those proposals related to the 37-40.5 GHz and 47.2-50.2 GHz bands for Agenda Item 1.13 as well as for Agenda Item 1.14. Mr. Mullinix noted that **WAC 062/IWG-2/084** also contains NTIA proposals for Agenda Item 1.13, including the 45.5-47.2 GHz bands, which will also need to be considered by IWG-2 before the next WAC meeting.

Mr. Mullinix also noted that the FCC has reconciled a number of proposals under AI 1.14, except a proposal for the 28-31 GHz band, which is still in reconciliation. Scott Kottler, Lockheed Martin, inquired as to whether the AI 1.14 aspects of **WAC 074(21.09.18)/ IWG-094** could be further discussed, even though some reconciliation has already taken place. Mr. Mullinix responded that in general once the WAC has provided guidance to the FCC the item is closed. Mr. Kottler and Mr. Mullinix agreed to discuss further offline.

1. AI 10 - Document **IWG-2/095 (20.12.18)**:

Joe Ciaudelli, Sennheiser, introduced the document. There was a discussion concerning the intent and scope of the proposal, which frequency bands are involved, and whether its objectives could be accomplished through an ITU-R Recommendation or Report versus an Agenda Item.

1. Update on Current Status:

The Chair noted that the remaining work for IWG-2 includes the 24.25-27.5 GHz, 45.5-47.2, 51.2-52.6 GHz, 71-76 GHz, and 81-86 GHz bands under AI 1.13, and any proposals under AI 10.

Mr. Mullinix provided an update regarding CITEL PCC II. He noted that the proposal under Agenda Item 1.16 was successfully reconciled and encouraged members to continue to think about Agenda Item 10. The FCC and NTIA would like receive any Agenda Item 10 proposals before the March 2019 WAC meeting.

Brian Patton, NTIA, noted that federal agencies plan to meet in January and that future agenda item proposals will be considered by the RCS.

1. Next meetings:

Information regarding the date and time of the next IWG-2 meeting will be distributed via the reflector. The next WAC meeting will be held on Monday, March 1th at 11 am at the FCC.

Documents Distributed:

IWG-2/092 Meeting 25 minutes

IWG-2/093 Meeting 26 agenda

WAC 074/IWG-2/094 NTIA Proposals AI 1.2, 1.3, 1.6, 1.13, 1.14, 4, 7, 9.1.4, 9.1.9, 10

IWG-2/095 Agenda Item 10 draft proposal on ENG

Public Participation Statement:

Meeting IWG-2/26 (20.12.2018) was open to the public and had 21 members, 17 observers, 1 IWG-2 official and 3 FCC employees in attendance.

Author:

Andy Scott, NCTA – The Internet & Television Association, prepared these minutes.

**Appendix A: Additional Attendees at December 20, 2018** **meeting of IWG-2**

**Members**

| **Organization** | **Member Name** |
| --- | --- |
| AFTRCC | **Daniel Jablonski** |
| Apple | Brandy Sykes |
| Boeing Company | Alex Epshteyn |
| CTIA | Jen Oberhausen |
| EchoStar Corporation | Brennan Price |
| Facebook | Michael Tseytlin |
| GPS Innovation Alliance | Stephen Baruch |
| GSA | Dr. Charles Rush |
| Iridium | Damon Ladson |
| Jansky-Barmat | Don Jansky |
| Lockheed Martin | Scott Kotler |
| Microsoft | Michael Daum |
| Motorola Solutions, Inc. | Mike Lewis |
| NAB | Robert Weller |
| NCTA | Andy Scott |
| Omnispace | Julie Zoller |
| OneWeb | Gerry Shewan |
| Sennheiser | Joe Ciaudelli |
| Sprint Corporation | Kyle Entz |
| ViaSat, Inc. | Chris Hofer |
| Ygomi, LLC | T. Russell Shields |

**Observers**

1. Reza Arefi, Intel
2. Mike Biggs, FAA
3. Scott Bilquist, World Radiocommunication Week
4. Ed Ehrlich, Interdigital
5. Andy Feltman, Peraton for DoD
6. Nick Fetchko, Verizon
7. Tom Hastings, Omnispace
8. Ryan Henry, SES
9. James Higgins, ASRC Federal Technical Services for NASA
10. Bruce Lamb, NTIA
11. Tricia Paoletta, Harris, Wiltshire & Grannis
12. Brian Patton, NTIA
13. Vishnu Sahay, ASRC Federal Technical Services for NASA
14. Amy Sanders, NTIA
15. Tom Schaffnit, DoT
16. Philippe Secher, SES
17. Jonathan Williams, NSF