**Meeting Minutes**

Meeting: IWG-2 (Meeting 17)

Date/Time: Wednesday, January 10, 2018 1:00-1:45 – p.m. EDT

Location: Conference call

Committee Members & Observers Present:

Chair: Jayne Stancavage (Intel Corporation)

Vice-Chair: Tricia Paoletta (Harris, Wiltshire & Grannis LLP)

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

FCC Employees Present:

Michael Mullinix, Designated Federal Official (DFO) for WAC-19

Meeting Summary:

1. Approval of Agenda:

IWG-2 Chair Jayne Stancavage introduced the agenda in Document **IWG-2/058 (10.01.18)**.The agenda was approved.

1. FCC Reps, Opening Remarks and Introductions:

Michael Mullinix, DFO for WAC-19, confirmed his presence on the call.

The Chair requested that members and observers participating in the call send her and Vice-chair Tricia Paoletta an email message indicating their presence on the call.

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

The minutes of the sixteenth meeting (October 2017) as contained in **Document IWG-2/057 (10.01.18)** were provisionally approved, subject to review and notification by participants of the Chair to ensure accurate listing of IWG-2 members and observers. Ms. Paoletta agreed to be the minute taker for the meeting.

1. Comments from the DFO:

Mr. Mullinix noted that the WAC Charter, which applies for a period of two years, is being drafted for the new two-year period leading up to WRC-19 for FCC Chairman Pai’s approval. Certain changes in the FACA rules applicable to advisory councils across the government will require revisions to the new Charter. The FCC will be issuing further guidance on membership in the near future.

Mr. Mullinix informed IWG-2 that the next WAC is provisionally scheduled for April 23, 2018, prior to the July PCC.II. Assuming the re-charter of the Committee, there will be another WAC in the Fall, in advance of the November PCC.II meeting, which will be the PCC.II Limit Meeting. There will be another WAC meeting in Spring 2019, prior to the Final Meeting of PCC.II in advance of WRC-19.

1. Discussion of Draft IWG-2 Preliminary Proposal:
2. Agenda Item 1.15 275-450 GHz – Document **IWG-2/048r1 (04.10.17)** –The document author, Mike Marcus (IEEE-SA), explained revisions and took questions and comments from meeting participants, particularly on whether the intent was to modify existing **No.** 5.565, or add a new footnote relative to allowing land-mobile and fixed terrestrial services into acceptable sub-ranges. The author agreed with comments that a new footnote would be preferable, as well as other textual changes to the Draft Proposal. Document IWG-2/048r1 will be the baseline for the next iteration of the Draft Proposal on 275-450 GHz.
3. Update on Current Status:

The DFO provide an update on outcomes of WAC Recommendations. With the exception of the WAC Recommendation on AI 9.1.5, all of the WAC’s Recommendations originating with IWG-2 have been reconciled between the FCC and NTIA.

The DFO reported that as of the close of the 30th CITEL PCC.II meeting, relative to Agenda Items assigned to IWG-2, there was already an Inter-American Proposal (IAP) for AI 1.1, AI 1.11, AI 9.1.2, and AI 9.1.8 and a Draft IAP (DIAP) for AI 1.12. The WAC’s Recommendation on AI 9.1.5 is still being reconciled in the U.S., and there are no proposals before PCC.II. On AI 1.16, there is only a Preliminary Proposal from Canada, relative to the 5350-5470 MHz band. There is a Preliminary View on AI 9.1.1.

Since the IAP on AI 1.1 does not include a Proposal from the U.S., IWG-2 was encouraged to develop a WAC Recommendation on the agenda item.

The DFO noted that there is nothing yet from the U.S. on AI 1.13, AI 1.14, and AI 1.16 and that given the U.S. is a leader on these agenda items, the FCC would like to see recommendations for the July CITEL PCC.II meeting.

The Chair then asked the NTIA observer, Dr. Patten for any comments. Dr. Patten informed IWG-2 that the next meeting of the USG’s RSC would be February 1, 2018. Dr. Marcus, author of the proposed recommendation on AI 1.15 (275-450 GHz) requested NTIA’s assistance in encouraging NASA to share numeric range data. EchoStar representative Brennan Price asked for an update on NTIA’s website reporting on contributions to and outcomes from CITEL. Dr. Patten reported that he was actively working on that, and due to inherent challenges with the CITEL website, was still confirming the final versions of CITEL outputs to accurately post on NTIA’s tracking website.

1. Next meetings:

The next WAC meeting will tentatively be held on April 23, 2018 at 11 am EDT at the FCC. To adequately prepare, the next IWG-2 meetings will be February 21 (IWG-2-18), March 9 (IWG-2-19) and March 22 (IWG-2-20, all at 1:00 pm EDT.

Documents Distributed:

IWG-2/048r1 Revised AI 1.15 draft proposal

IWG-2/057 Meeting 16 minutes

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Public Participation Statement:

Meeting IWG-2/17 (10.01.2018) was open to the public (DA 17-1235) and had 20 members, 17 observers, 2 IWG-2 officials and 1 FCC employee in attendance.

Author:

Tricia Paoletta, IWG-2 Vice-Chair, prepared these minutes.

**Appendix A: Additional Attendees at January 10, 2018** **meeting of IWG-2**

**Members**

| **Organization** | **Member Name** |
| --- | --- |
| Aerospace and Flight Test Radio Coordinating Council | William K. Keane |
| ARRL | Jon Siverling |
| AT&T | Stephen M. Blust |
| Aviation Spectrum Resources, Inc. | Gregory Baker |
| CBS Corporation | Dr. Charles Einolf, Jr. |
| The Boeing Company | Kim Kolb |
| Comcast Corporation | Bruce Kostreski |
| EchoStar Corporation | Brennan Price |
| GSMA | Dr. Veena Rawat |
| IEEE-USA | Michael J. Marcus |
| Intel Corporation | Reza Arefi |
| Jansky-Barmat Telecommunications Inc. | Donald M. Jansky |
| Keysight | James Gigrich |
| Lockheed Martin | Scott Kotler |
| Microsoft Corporation | Michael Daum |
| National Cable & Telecommunications Association | Andy Scott |
| New Wave Spectrum Partners LLC | Stephen Baruch |
| Verizon | Leslie J. Martinkovics |
| Virginia Diodes | Gerhard S. Schoenthal |
| Special Government Employee | Dr. Charles Rush |

**Observers**

1. Colin Alberts, Freedom Technologies, Inc.
2. Mike Biggs, FAA
3. Bob Denny, NTIA
4. Ed Ehrlich, InterDigital Communications, Inc.
5. David W. Eierman, Motorola Solutions
6. James Higgins, ASRC Federal Technical Services for NASA
7. Brandon Hinton, Wiley Rein LLP
8. Dr. Robert Kubik, Samsung
9. Bruce Lamb, NTIA
10. Eric P.Y. Lee, DoD
11. Brian Patten, NTIA
12. Vishnu. Sahay, ASRC Federal Technical Services for NASA
13. Amy Sanders, NTIA
14. Tim Strafford, Association of American Railroads
15. Jonathan Williams, NSF
16. Joanne Wilson, ASRC Federal Technical Services for NASA
17. Ashley Zauderer, NSF