**Meeting Minutes**

Meeting: IWG-4

Date/Time: Thursday, November 1, 2018 at 11 am EDT

Location: Conference call only

Committee Members & Observers Present: See Participants’ List (attached)

FCC Employees Present: Michael Mullinix (Designated Federal Officer), Larry Olson, Dante Ibarra, Allen Yang

Minutes prepared by: Fernando Carrillo

Meeting Summary:

1. Opening Remarks and Introductions. The meeting was called to order at 11:00 pm ET, and all participants introduced themselves.
2. Approval of the Agenda. The agenda of the meeting (Document IWG-4/043 (19 September, 2018) was approved with the addition of a discussion of the NTIA proposal on Agenda item 9.1, Issue 9.1.6 in Doc. IWG-4/044.
3. Appointment of Minutes Taker. Fernando Carrillo volunteered to prepare the minutes for this meeting.
4. Approval of Minutes. The draft minutes of IWG-4, as contained in Document IWG-4/045 were approved without change.
5. Discussion of NTIA Proposals.
   1. On AI 7 Issue A. Mike Mullinix informed that they got good feedback in the off-line consultations and that now they are trying to reconcile. He recommends just to take note of this item in this meeting.
   2. On AI 4. Steve Baruch indicated this is not in the form of a proposal and it should be removed from the list of documents to be sent to CITEL PCC.II. NTIA informed that this item of document WAC 74 was intended to note the work to be done with regards to the revision of resolutions and recommendations in accordance with Resolution 95, and therefore should be considered for informative purposes. It was agreed that any WAC proposal in this regard will be brought at a later stage and in the form of individual proposals (item per item). This issue will be brought in next meeting to follow up on any work that has to be done.
   3. On AI 7 Issue H. No comments or questions.
   4. On AI 7 Issue I. Julie Zoller mentioned that some changes adopted in WP4A were not adopted in CPM. Michael Mullinix asked Julie Zoller to provide specific comments and include them to be discussed in the next meeting.
6. Agenda Items for Discussion. No additional Agenda Items were specifically discussed.
7. Updates on Relevant International Meetings. Mention was made regarding the partial results of the PP-19 elections. No other comments were raised.
8. Next Meeting

The next meeting of IWG-4 will be scheduled in consultation with IWG-3. Most likely after the CITEL meeting in Brasilia and before the end of 2018.

1. Other Issues. Some participants commented that they didn’t receive the documents for this meeting. The FCC representative indicated that they will revise the reflector configuration.

The meeting adjourned at 1:25 pm EDT.

Documents Distributed:

* Agenda for the eleventh IWG-4 meeting (Document IWG-4/048)
* Draft minutes from tenth IWG-4 meeting (Document IWG-4/045)
* NTIA Proposals (Document WAC 74)

Public Participation Statement:

This meeting was open to the public.

**IWG-4 Meeting Participants List**

**Name**

**Members**

Rob Briskman, XMSirius

Mark Neumann, Apple

Don Jansky, SpaceBelt

Jennifer Manner, EchoStar Corporation

Stephen Baruch, GPS Innovation Alliance

Julie Zoller, Omnispace

Alexandre Guerin, Thales

Brandy Sykes, Apple

Robert Weller, NAB

Robert Briskman, XM/Sirius

David Eirman, Motorola

Colin Alberts, Freedom Technologies

Alexander Epshstein, Boeing

Hastyar Barvar, Intelsat

George John, Spire

Veena Rawat, GSMA

Giselle Cresser, Inmarsat

Kyle Entz, Sprint

Damon Ladson, Harris Wiltshire

Gerry Shewan, Telecom Strategies

George John, Spire

**Observers**

Larry Reed, ASRC for NASA

Kellen Gibson, NTIA

Joanne Wilson, ASRC for NASA

Shelli Rose Haskins, ACES Corp. for NOAA

Colin Alberts, DoD

Cliff Gonsalves, Thales

Amy Sanders, NTIA

Giadira Leon for the Air Force

James T. Higgins for NASA

Fernando Carrillo, EchoStar Corp.

Bill Travanitch, DOD

Brandy Sykes, Apple

Brian Patten, NTIA

**FCC Representativas**

Michael Mullinix

Dante Ibarra

Larry Olson

Allen Yang