**Meeting Minutes**

Meeting: IWG-4

Date/Time: Tuesday, February 5, 2019 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, Allen Yang, Clay DeCell, Dante Ibarra

Minutes prepared by: Jennifer A. Manner

Meeting Summary:

1. Opening Remarks and Introductions. The meeting was called to order at 11:00 sharp, and all participants introduced themselves.
2. Approval of the Agenda. The agenda of the meeting (Document IWG-4/054 (February 5, 2019)) was approved with the correction of moving consideration of Document 55 to the Draft Proposal portion of the agenda.
3. Appointment of Minutes Taker. Jennifer Manner volunteered to prepare the minutes for this meeting.
4. Approval of Minutes. The draft minutes of IWG-4, as contained in Document IWG-4/053, were approved without change.
5. Document 55. Kim Baum presented Document 55 on improving coordination processes under Appendix 30B. No comments were received. Kim asked that the document stay open for any changes from CPM. It was agreed the document will be considered for approval at the next IWG 4 meeting.
6. Future Agenda Items under Agenda item 10. The Chair urged the group to develop proposals for future agenda items.
7. Report of the ITU-R Director for CPM. Don Janksy urged the group to review this document. Don focused on issue Agenda Item 4.4 and the BR Reports discussion of the ability to use spectrum in the FSS and MSS for intersatellite link services. There was a brief discussion on the meaning of this report and what the proper venue in the WAC was for considering these issues. Michael Mullinex clarified that since this deals with Agenda Item 9.2, it is properly considered in IWG 4. Don is considering an input for the next IWG 4 meeting.
8. Document 56: Michael Mullinex and Brandon Mitchell presented this document. It was urged that the IWG 4 review this document for consideration at the next meeting. Dante Ibarra raised some concerns about the proposed FAI, and Steve Baruch mentioned he might have some edits on this item for the next meeting. It was agreed this document will be examined further at the next IWG 4 meeting.
9. Updates on relevant International meetings. It was discussed that CPM starts later this month and that there is a CITEL meeting in April, which IWG 4 is focused on preparing inputs.
10. Next Meetings. The Chair noted that the next meeting of IWG-4 will be scheduled in consultation with IWG-3. The next full WAC is scheduled for March 11th.
11. Other Issues. No other issues were identified for discussion.

The meeting adjourned at 11:31 am EDT.

Documents Distributed:

* Agenda for the thirteenth IWG-4 meeting (Document IWG-4/054)
* Draft minutes from thirteenth IWG-4 meeting (Document IWG-4/053)
* Document 55: Proposal on Agenda Item 7, Issue F
* Document 56: NTIA proposals for WRC 19

Public Participation Statement:

This meeting was open to the public.

**IWG-4 Meeting Participants List**

**Name**

**Members**

Kim Baum, SES

Don Jansky, SpaceBelt

Jennifer Manner, EchoStar Corporation

Stephen Baruch, GPS Innovation Alliance

Julie Zoller, Omnispace

Tom Hayden, TLH Consulting

Chris Hofer, Viasat

Alexander Epshstein, Boeing

Oscar Guzman, Intelsat

Scott Kotler, Lockheed

Veena Rawat, GSMA

Veena Rawat, GSMA

Brian Scarpelli, ACT

Kyle Entz, Sprint

Dave Case, Cisco

Chris Hofer, ViaSat

Jack Wengryniuk, Inmarsat

Zach Rosenbaum, SES

David Weinreich, GlobalStar

Oscar Guzman, Intelsat

**Observers**

Ken Keane

Larry Reed, ASRC for NASA

Colin Alberts, DoD

Giadira Leon for the Air Force

Bill Travanitch, DOD

Mike Olson

Fernando Carillo, EchoStar

Brennan Price, EchoStar

Amy Sanders, NTIA

Pascake Dumit, T-Mobile

Christine DiLapi, Peraton for DOD  
Lauren Creen, TMG

Shelli-Rose Haskins for Coast Guard

Gerry Shewan, OneWeb

James Higgins, NASA

Giadira Leon, Air Force

Kellen Gibson, NTIA

Humberto Henrique, Inmarsat

Scott Billquist, World Radio Week

Tom Hastings, Omnispace

Hastyar Barvar, Intelsat

**FCC Representativas**

Michael Mullinix

Larry Olson

Allen Yang

Dante Ibarra

Clay DeCell