IWG-3/041 (3.8.18)

**Meeting Minutes**

Meeting: Twelfth meeting of WAC-19 IWG-3

Date/Time: March 8, 2018 / 11:00 EST

Location: Teleconference

Committee Members & Observers Present: See attachment

FCC Employees Present: See attachment

Meeting Summary:

1. Introductions/Opening remarks: The Chair welcomed all participants to the twelfth meeting of WAC-19 IWG-3. Participants on the call introduced themselves and participation of a designated federal official was confirmed. Zach Rosenbaum volunteered to take the meeting minutes.
2. Approval of the Agenda: The Chair offered the draft Agenda (Document IWG-3\_040) to the meeting. The draft Agenda was agreed without change.
3. Approval of the minutes from 11th meeting: The Chair sought approval for the previously distributed minutes from the eleventh IWG-3 meeting (Document IWG-3\_039r1). The document was approved without change.
4. Other meetings of interest since last meeting of IWG-3: The Chair noted the recent WP 4A meeting and indicated updates from the WP 4A meeting could be provided during the discussion of the specific Agenda items below. No other meetings of interest were noted.
5. Draft Proposals: The Chair noted the outcome of the November 2017 CITEL meeting regarding the NOC status and formatting changes necessary to the IAP for Agenda item 9.1 (Issue 9.1.3). The Chair reported that WP 4A concluded their work on this item quickly with the introduction and inclusion of a third study into the draft CPM text Conclusions section addressing this issue to Agenda item 9.1.

1. Draft Preliminary Views: The Chair again noted the outcome of the recent CITEL meeting and PV status for Agenda items 1.3 and 1.7. As these items are mostly led by the government agencies, the Chair sought input from the observing agencies. NTIA reported that there was work being done on both items but still in early stages. NTIA noted the short timeline for contributions to the July CITEL meeting and said the earliest IWG-3 could see output from the RCS process on these items is around April 11th which is shortly before the next WAC. The Chair thanked NTIA for the update.

Members plans for proposals for Agenda items with previously approved PVs: For 1.2, the Chair noted this was also led by the government agencies and sought input from NTIA. NTIA stated the same status and timeline applies to agenda item 1.2 as noted above for 1.3 and 1.7.   
  
The Chair sought updates from WP 4A participants and plans to develop proposals for those items for Agenda items 1.5, 1.6, 9.1 (Issue 9.1.9), and 10. Viasat offered a summary of the work on Agenda item 1.5 by WP 4A and noted how the work is being grouped by service and/or platform of the ESIM. Viasat shared a view that more progress is needed on the CPM text at the July WP 4A meeting. Regarding a proposal for IWG-3, Viasat is planning to submit a proposal but is uncertain whether it would be ready in time for the April WAC or July CITEL meetings.   
  
Boeing reported on the Agenda item 1.6 efforts by WP 4A. Boeing shared a view that the current CPM text is converging on the methods/options and that the July WP 4A should focus on consolidating these into as few methods/options as possible. Similarly, Boeing is planning a proposal for Agenda item 1.6 but is uncertain if it will be ready for the upcoming WAC and CITEL meetings.   
  
Regarding 9.1.9, the Chair noted that WP 4A had made some progress on this issue at its recent meeting. It was noted that there was discussion at the meeting on the different possible applications of the protection criteria for EESS (passive) based on percentage of measurement time or based on percentage sensor viewing area.

1. The Chair sought inputs on proposals under Agenda item 10. Viasat stated their intention to submit proposal(s) and sought guidance from the FCC on the deadline for new Agenda items. The FCC did not indicate a specific deadline but noted past discussions by the Steering Committee on consideration of new Agenda items. At this time, it is unclear if proposals are to be considered as a package or one by one. The FCC did make clear that earlier is better and encouraged the IWG-3 membership to contribute proposals sooner rather than later.
2. Status of remaining WRC-19 AIs assigned to IWG-3: The Chair reported that WP 4A addressed a situation where Agenda item 9.1 (Issue 9.1.7) was being connected with an Agenda item 7 issue. This was quickly clarified that these issues are separate and should remain separate.

1. Future meetings: The meeting agreed to tentatively hold the 13th IWG-3 meeting on March 29, 2018 at 11:00 EST. It was further agreed to tentatively hold the 14th IWG-3 meeting on April 11, 2018 at 11:00 EST.  
     
   The Chair noted that these meetings are tentative in that they are contribution driven. If no proposals are received, then there will be no need to convene these meetings. Accordingly, the meeting agreed that proposals are due by COB March 27, 2018.   
     
   The next WAC meeting is scheduled for April 23, 2018.

Documents Distributed: IWG-3\_039r1, 040

Public Participation Statement: The teleconference only meeting of WAC-19 IWG-3 on March 8, 2018 was open to the public and 27 people participated.

Author: Zach Rosenbaum

ATTACHMENT

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| Members | |
| Name | Company |
| Don Jansky | Jansky-Barmat Telecommunications |
| Damon Ladson | HWG |
| Chris Hofer | Viasat |
| Stephen Baruch | New Wave Spectrum Partners |
| Giselle Creeser | Inmarsat |
| Charles Einolf | CBS |
| Scott Kotler | Lockheed |
| Zach Rosenbaum | SES |
| Dave Weinreich | Globalstar |
| Stephen Blust | AT&T |
|  |  |
| Observers | |
| Name | Company |
| Tom Hayden | TLH Consulting |
| Brandon Mitchell | NTIA |
| Andrew Feltman | Peraton for DOD |
| Shelli Rose Haskins | NOAA |
| Larry Reed | ARTS for NASA |
| Giadira Leon | S3 for Air Force |
| Rob Briskman | Sirius/XM |
| Donna Wang | SES |
| Oscar De Guzman | Intelsat |
| Joanne Wilson | ASRC for NASA |
| Jim Higgins | ASRC for NASA |
| Vish Sahay | ASRC for NASA |
| Lauren Crean | TMG Telecom |
| Mike Biggs | FAA |
|  |  |
| FCC Representatives | |
| Name | Company |
| Michael Mullinix | FCC |
| Dante Ibarra | FCC |
| Tom Sullivan | FCC |
| Sankar Persaud | FCC |