

Seventh Meeting Minutes

Meeting: WAC-15, Informal Working Group-3: Space Services (IWG-3)

Date/Time: 05 June 2013, 10:00-11:00am (EST)

Location: Teleconference only

Participants: (see attachment)

FCC Employees Present: (see attachment)

Meeting Summary:

1. **Introductions:** The IWG-3 Chair, Jack Wengryniuk, welcomed all participants to the seventh meeting of WAC-15 IWG-3 and briefly introduced the previously distributed draft agenda for the meeting. All participants then introduced themselves in a somewhat orderly fashion.
2. **Approval of the Agenda:** A draft agenda (Doc. IWG-3/024) had been e-mailed to the IWG-3 subscriber list on 29 May 2013 and the Chair sought its approval. It was approved without change.
3. **Appointment of minutes taker:** Mr. Steve Baruch graciously volunteered to take minutes for this meeting of IWG-3.
4. **Minutes from Sixth meeting of IWG-3:** Author Jack Wengryniuk. The Chair asked for comments on the meeting minutes (Doc. IWG-3/023R1), which were previously distributed to the IWG-3 subscriber list, and requested approval. The minutes were approved without modification.
5. **Summary of results from April 2013 meeting of CITELE PCC.II:** The Chair invited Mr. Roytblat to report on the results of the April 2013 PCC.II meeting. Mr. Roytblat indicated that several U.S. preliminary views, initiated by IWG-3, were approved through the reconciliation process for submission to the April meeting. Mr. Roytblat noted that on Agenda Item 1.6.2, Brazil, Canada, and Mexico signed up to the U.S. preliminary view; on Agenda Items 1.8 and 1.10, Canada supported the U.S. preliminary view; and on Agenda Item 1.11, Canada and Mexico supported the U.S. preliminary view. Mr. Roytblat noted that the next CITELE PCC.II meeting would likely be held in November 2013.

6. **Discussion of the status of WRC-15 Agenda items attributed to IWG-3:**
Each WRC-15 Agenda item was touched upon with the idea of ensuring that everyone understood the current status of each issue, and the possibility for development of draft US WRC-15 proposals, going forward to the upcoming CITELE meeting. As an overarching comment, Mr. Roytblat stated that it would be very helpful to have U.S. draft proposals to reflect as methods to satisfy the agenda item alternatives in the CPM text drafts now being prepared in ITU-R Working Parties. He encouraged IWG-3 to move to proposal development.

Agenda Item 1.5: UAS (Res. 153)

The Chair and Mr. Jansky reported on developments in the Spring 2013 meetings of ITU-R Working Parties 4A, 4B, and 5B. No one indicated any draft U.S. proposal under development.

Agenda Item 1.6: Additional FSS primary allocations (Res 151 and Res 152)

The Chair reported on developments under Agenda Items 1.6.1 and 1.6.2 at Working Party 4A, noting two draft reports under preparation and preliminary draft CPM text. No one indicated any draft U.S. proposal under development.

Agenda Item 1.7: NGSO MSS feeder links 5091-5150MHz (Res 114)

The Chair reported that ITU-R studies were proceeding well, and draft CPM text was advancing. The Chair noted that this agenda item is a candidate for a draft U.S. proposal in the near term.

Agenda Item 1.8: ESVs (Res 909)

The Chair reported that ITU-R studies on this agenda item were difficult, and that convergence does not appear near. Any of several proposal directions are possible, but no one indicated any draft U.S. proposal under development.

Agenda Item 1.9: in accordance with (Res 758)

-1.9.1 - allocations for FSS in 7150-7250 MHz (s-E) and 8400-8500 MHz (E-s)

-1.9.2 - allocations for MMSS in 7375-7750 MHz and 8025-8400MHz

The Chair noted that ITU-R studies under Agenda Item 1.9.1 were continuing in Working Party 4A, and Mr. Persaud did the same for ITU-R studies under Agenda Item 1.9.2 in Working Party 4C. No one indicated any draft U.S. proposal under development.

Agenda Item 1.10: MSS allocations 22-26 GHz (Res 234)

Mr. Persaud provided a summary of the developments to date in ITU-R Working Party 4C, and observed that most studies show that MSS in the subject frequency range is not able to be provided in a compatible manner with existing services. Mr. Jansky stated that he would develop an update to the background and rationale of the draft no-change proposal in Document IWG-

3/021R3, and circulate the same to IWG-3 in advance of the next meeting. No one indicated any alternative draft U.S. proposal under development.

Agenda Item 1.11: primary allocations for EESS (E-s) 7-8 GHz

Mr. Whyte reported on developments in ITU-R Working Party 7B, and noted that the focus is on the band 7190 MHz to either 7235 MHz or 7250 MHz. Mr. Whyte said that RCS was working on a draft Agenda Item 1.11 proposal for the November CITEL meeting.

Agenda Item 1.12: extension of 9300-9900 MHz EESS allocation by 600 MHz (Res 651)

Mr. Whyte reported that there are many sharing issues still under consideration in the ITU-R discussions led by Working Party 7C. No one indicated any draft U.S. proposal under development.

7. Future Meetings

IWG-3 will hold meetings in July, August, and September in advance of the next full WRC-15 Advisory Committee meeting scheduled for September 19, 2013. It was agreed to set the date for the next meeting of IWG-3 as 17 July at ~~09:00~~ AM EDT.

Deleted: 10:30

8. Other Business

There was no other business to discuss.

The meeting adjourned at 11:50.

Documents Distributed: The following documents were distributed prior to the meeting and discussed during the meeting.

1. IWG3/023: Minutes from Sixth Meeting of IWG-3
2. IWG3/024: IWG-3 Sixth Meeting Agenda

Public Participation Statement: This meeting was open to the public.

ATTACHMENT
 Participants List to Seventh Meeting of IWG-3 (6/5/13)

Last Name	First Name	Company
Baruch	Steve	Lerman Senter
Billquist	Scott	World Radiocommunication Report
Cornell	Diane J.	Inmarsat
Dumit	Pascale	SES
Feltman	Andy	Exelis
Jansky	Donald	Jansky-Barmat Telecommunications Inc.
Kolb	Kim	Boeing
Ladson	Damon C.	Wiltshire & Grannis LLP
Maimo	Angela	NTIA
Mullinix	Michael	FCC
Nguyen	Anh-Thu	Exelis
O'Keefe	Kelly	Access Partnership
Patten	Brian	NTIA
Persaud	Sankar	FCC
Reed	Larry	ASRC for NASA
Rinker	Alan	Boeing
Roytblat	Alex	FCC
Sanders	Amy	Alcatel Lucent
Ward	Steve	Micro Managers Inc
Wende	Chalres	ASRC for NASA
Wengryniuk	Jack	DIRECTV
Whyte	Wayne	NASA
Williams	Jonathan	NTIA