

Fourth Meeting Minutes

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

Date/Time: 13 December 2012, 10:00-11:00pm (EST)

Location: Teleconference only

Participants: (see attachment)

FCC Employees Present: (see attachment)

Meeting Summary:

1. **Introductions:** The Chair welcomed all participants to the fourth meeting of WAC-15 IWG-3. Chairing the meeting was IWG-3 Chair, Jack Wengryniuk. All participants introduced themselves and were requested to send an email confirming participation to the Chair.
2. **Approval of the Agenda:** IWG-3 Chairman Jack Wengryniuk had posted a draft agenda on 12/11/12 stating that the primary goal of this meeting was a brief review of the status of the WRC-15 Agenda Items assigned to IWG-3 and a review of the deliberations on those Agenda Items at the recent CITELE meeting. The Chair reiterated those thoughts and offered the agenda to the meeting, which adopted it without comment.
3. **Minutes from second meeting of IWG-3:** Author Joseph Dockemeyer. The chair asked for comments to the meeting minutes (doc IWG-3/016 Rev 1) which were previously distributed to the IWG-3 subscribe list, and requested approval. The minutes were approved with minimal editorial corrections.
4. **Discussion of status of WRC-15 Agenda items attributed to IWG-3:**

It was reported that only Canada and the USA had submitted documents containing Preliminary Views (PVs) to the recent CITELE meeting. These PVs were merged and an output document containing them was issued and is available from the CITELE website. Chairman Wengryniuk indicated that he would distribute that output document to the IWG-3 membership by e-mail. Further, it was reported that some

Preliminary Proposals were submitted to the CITELE meeting and that these proposals were available on the CITELE website in document 3123. Further specific comments on the Agenda Items follow.

Agenda Item 1.5: UAS (Res. 53) see doc. Iwg3 009
No additional comment

Agenda Item 1.6: additional FSS primary allocations Res. 151 & 152:

- 1.6.1 – Region 1, 250MHz (E-s and s-E) between 10-17GHz (Res 151) (doc Iwg3 010r1)

It was noted that Canada had submitted “Background” and “Issues” text for a PV to the CITELE meeting but no actual PV text.

- 1.6.2- Region 2, 250MHz (E-s), Region 3, 300MHz (E-s) between 13-17GHz (Res 152) (doc Iwg3 011r1)

It was noted that Canada had submitted a PV on this agenda item to the CITELE meeting. There was no U.S. PV submitted to CITELE on this item.

Agenda Item 1.7: NGSO MSS feeder links 5091-5150MHz (Res 114) (doc Iwg3 004)
No additional comment

Agenda Item 1.8: ESVs (Res 909) (doc Iwg3 006r1)
Jose Albuquerque, Intelsat, brought up the discussion of this Agenda Item at the recent ITU-R Working Party 4A meeting indicating that a contribution from the USA had offered a power flux density at the coast as an alternative to an EIRP limit for ESVs. Don Jansky stated that this Agenda Item was the subject of a Liaison Statement from ITU-R Working Party 5C to Working Party 4A and should be consulted regarding further development of a proposal on this Agenda Item.

Agenda Item 1.9: in accordance with (Res 758)(see doc Iwg3 015)
-1.9.1 FSS in 7150-7250 MHz (s-E) and 8400-8500 MHz (E-s)
No additional comment

- 1.9.2 - maritime mobile satellite service 7375-7750 MHz and 8025-8400MHz

While IWG-3 had previously reported to the WAC that it had no concerns with the RCS approved PV on this issue, Don Jansky indicated that there was now some concern over the allocation of the 8025-8400 MHz band to the MSS due to current use of that band by EESS receive stations operating at high latitudes. These stations will likely need

protection from any MSS stations operating in this band. This issue is being addressed in ITU-R WPs 7B and 4C.

Agenda Item 1.10: MSS allocations 22-26 GHz (Res 234) (doc iwg3 008)
It was stated that the Canadian PV on this Item was stronger than the U.S. PV in that it does not even support studies and states that existing MSS Ka-band allocations are sufficient.

Agenda Item 1.11: primary allocations for EESS (E-s) 7-8 GHz (see doc iwg3 005)
No additional comment

Agenda Item 1.12: extension of 9300-9900 MHz EESS allocation by 600 MHz (Res 651)
No additional comment

5. Future Meetings

The next meeting of IWG-3 is scheduled for 23 January at 10:00 AM. The next full WRC-15 Advisory Committee meeting is scheduled for 7 March.

6. Other Business

There was no other business to discuss. The Chair expressed his best wishes for a safe and enjoyable end-of-the-year holiday season.

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

1. IWG3/017: IWG-2 4rd meeting Agenda
2. IWG3/016r1: Minutes from third meeting of IWG-3

Public Participation Statement: This meeting was open to the public as announced by Public notice DA 12-1480.

Author: David E. Weinreich

ATTACHMENT

Fourth IWG-3 Meeting Participants list

Date: 12-13-2012

Last Name	First Name	Company
Albuquerque	Jose	Intelsat
Arefi	Reza	Intel
Baruch	Steve	Lerman Senter
Batteiger	Eric	Navy
Biggs	Michael	FAA
Choi	David	Mitre
Cornell	Diane J.	Inmarsat
Entz	Kyle	Sprint Nextel Corp
Feltman	Andy	Exelis
Henriques	Humberto	Telecomm Strategies
Hill	Joe	FCC
Jameson	Jamie	Aerospace Corp
Jansky	Donald	Jansky-Barmat Telecommunications Inc.
Ladson	Damon C.	Wiltshire & Grannis LLP
Nelsen	John	SES
Reed	Larry	ASRC for NASA
Rinker	Alan G.	The Boeing Company
Roytblat	Alex	FCC
Rummler	William D.	Rummler Telecom LLC
Sanders	Amy	Alcatel Lucent
Tranavitch	Bill	Exelis
Tycz	Thomas S.	Goldberg Godles Wiener & Wright
Walsh	Tom	AV Telconsult
Ward	Stephen	Micro Managers Inc
Weinreich	David Weinreich	Globalstar
Wende	Charles	ASRC for NASA
Wengryniuk	Jack	DIRECTV
Whyte	Wayne	NASA

