

## Sixth Meeting Minutes

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

**Date/Time:** 19 February 2013, 10:00-11:00pm (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 sixth meeting of WAC-15 IWG-3 and briefly introduced the previously distributed draft agenda for the meeting. All participants then introduced themselves in an orderly fashion.
2. **Approval of the Agenda:** A draft agenda had been e-mailed to the IWG-3 subscribe list on 02/17/2013 and the Chair sought its approval. It was approved without change.
3. **Appointment of minutes taker:** A volunteer to take minutes for this meeting of IWG-3 was sought. There being no volunteers, the Chair indicated that he would take the minutes, while specifically noting that this should not be construed in any way as a precedent for future meetings.
4. **Minutes from fifth meeting of IWG-3:** Author Alan Rinker. The Chair asked for comments on the meeting minutes (doc IWG-3/020), which were previously distributed to the IWG-3 subscribe list, and requested approval. The minutes were approved with one minor editorial correction.
5. **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 going forward to the upcoming CITEL meeting. As indicated in the meeting agenda, it was not expected that IWG-3 would have any documents up for consideration at the upcoming third WAC meeting on March 7.

**Agenda Item 1.5:** UAS (Res. 153)

As discussed at the previous meeting of IWG-3, there will be no IWG-3 document on this issue for consideration at the upcoming WAC meeting. It was also confirmed that the RCS does not anticipate a proposal on this issue for the upcoming April CITELE meeting.

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

- 1.6.1 – Region1, 250MHz (E-s and s-E) between 10-17GHz (Res 151) (doc IWG-3/010r1)
- 1.6.2- Region 2, 250MHz (E-s), Region 3, 300MHz (E-s) between 13-17GHz (Res 152) (doc IWG-3/011r1)

Mr. Roytblat/FCC provided an update on discussion between FCC and NTIA concerning reconciliation of the draft US PVs on this agenda item. Mr. Roytblat reported that, while little progress was made on a PV for Agenda item 1.6.1, some progress was indeed made on a PV for Agenda item 1.6.2. Some re-drafting of text is being undertaken to more closely align the text of the PV with the Agenda item, and some text is being considered that would address concerns with specific frequency bands. With this progress, there is a possibility that there could be a U.S. PV on Agenda item 1.6.2 going forward to the CITELE meeting in April.

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

As discussed at the previous meeting of IWG-3, there will be no IWG-3 document on this issue for consideration at the upcoming WAC meeting. It was also confirmed that the RCS does not anticipate a proposal on this issue for the upcoming April CITELE meeting.

**Agenda Item 1.8:** ESVs (Res 909)

As discussed at the previous meeting of IWG-3, there will be no IWG-3 document on this issue for consideration at the upcoming WAC meeting. It was also confirmed that the RCS does not anticipate a proposal on this issue for the upcoming April CITELE meeting.

**Agenda Item 1.9:** in accordance with (Res 758)

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

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

As discussed at the previous meeting of IWG-3, there will be no IWG-3 document on this issue for consideration at the upcoming WAC meeting. It was also confirmed that the RCS does not anticipate a proposal on these issues for the upcoming April CITELE meeting. A specific request was made for confirmation of this status as regards Agenda item 1.9.2, and such confirmation was given.

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

A draft WRC proposal on this Agenda item was circulated to the IWG-3 membership on February 6, with the understanding that the proposal was intended to be discussed, but tabled, at this meeting of IWG-3. The idea being that the draft proposal could benefit from the results of the upcoming ITU-R SG7 and SG4 block meetings. Some comments to this draft proposal were circulated on the morning of February 19. There was a brief discussion of the draft proposal, with some additional observations/comments being made. The Chair indicated that he would circulate a revised version of the draft proposal immediately following the meeting, but that the current status of the document was “tabled”. As such, this draft proposal will be considered at a future meeting of IWG-3.

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

As discussed at the previous meeting of IWG-3, there will be no IWG-3 document on this issue for consideration at the upcoming WAC meeting. It was also confirmed that the RCS does not anticipate a proposal on this issue for the upcoming April CITEL meeting.

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

As discussed at the previous meeting of IWG-3, there will be no IWG-3 document on this issue for consideration at the upcoming WAC meeting. It was also confirmed that the RCS does not anticipate a proposal on this issue for the upcoming April CITEL meeting.

**6. Future Meetings**

The next full WRC-15 Advisory Committee meeting is scheduled for 7 March and the expected time frame for the meeting after that would be late summer. Considering the upcoming ITU-R meeting schedule it was agreed to set the date for the next meeting of IWG-3 as **5 June at 11:00 AM**.

**7. Other Business**

There was no other business to discuss.

The meeting adjourned at 10:35.

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

1. IWG3/020: Minutes from Fifth Meeting of IWG-3
2. IWG3/021 and 021\_R1: Draft proposal on Agenda item 1.10
3. IWG3/022: IWG-3 Sixth Meeting Agenda

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

Author: Jack Wengryniuk

ATTACHMENT  
Participants List to Sixth Meeting of IWG-3 (2/19/13)

Last Name	First Name	Company
Albuquerque	Jose	Intelsat
Baruch	Steve	Lerman Senter
Biggs	Michael	FAA
Cornell	Diane J.	Inmarsat
DeVane	Candace	Intelsat
Entz	Kyle	Sprint Nextel
Feldhake	Glen	NASA
Feltman	Andy	Excelis
Flores	Carlos	FCC
Greenhill	John	DoE
Henriques	Humberto	Telecomm Strategies
Hill	Joe	FCC
Ibarra	Dante	FCC
Jacobs	Ed	ASRC for NASA
Jansky	Donald	Jansky-Barmat Telecommunications Inc.
Kolb	Kim	Boeing
Kotler	Scott	NTIA
Ladson	Damon C.	Wiltshire & Grannis LLP
Leon	Giadira	HNS
Mitchell	Brandon	NTIA
Mullinix	Michael	FCC
Murphy	Chris	Inmarsat
Nguyen	Anh-Thu	Excelis
O'Keefe	Kelly	Access Partnership
Patton	Brian	DoS
Persaud	Sankar	FCC
Price	Brennan	ARRL
Reed	Larry	ASRC for NASA
Rosenbaum	Zach	SES
Roytblat	Alex	FCC
Sanders	Amy	Alcatel Lucent
Sung	LiChing	NTIA
Tycz	Thomas S.	Goldberg Godles Wiener & Wright
Walsh	Tom	Aerospace
Ward	Steve	Micro Managers Inc
Wende	Chalres	ASRC for NASA
Weinreich	David	Globalstar
Wengryniuk	Jack	DIRECTV

Whyte Williams	Wayne Jonathan	NASA NTIA
-------------------	-------------------	--------------