

**WRC-12 ADVISORY COMMITTEE**  
**Meeting Minutes**

Meeting: IWG-3 Ninth Meeting  
Date/Time: 17 December, 2009, 1:30PM  
Location: FCC, 445 12<sup>th</sup> St., S.W. Washington, D.C.  
Conference Bridge: 866-624-3038, Participant code: 5809270  
Committee Members Present:

Jack Wengryniuk, DIRECTV (IWG-3 Chair)  
Don Jansky, Jansky-Barnat Telecommunications Inc.  
Alex Roytblatt, FCC  
Joseph Hill, FCC  
Tom Tycz, Goldberg, Godles, Wiener, and Wright (for Skyterra)  
David Weinreich, Globalstar  
Allen Yang, FCC  
Kim Baum, SES World Skies  
Lisa Cacciatore, ITT  
Andy Feltman, ITT  
Chris Hofer, DISA  
Kris Kutchinson, ASRI  
Scott Kotler, NTIA  
Kathryn Martin, Access Partnership  
Alan Rinker, Boeing  
Raafat Nasser, ITT

Committee Members Present (Phone)

John Gilsenan, Terrastar  
Damon Ladson, Wiltshire, Grannis  
Wayne Whyte, NASA  
Bill Rummler  
Amy Sanders, Alcatel-Lucent  
Chris Murphy, Inmarsat  
Ed Jacobs, ASRC/NASA  
Rhys Robinson, Terrastar

## Meeting Summary

### 1. Introductions

Mr. Wengryniuk opened the meeting and noted that it was the ninth meeting of IWG-3. The participants in the room and on the phone introduced themselves. A request was made that any federally registered lobbyists identify themselves during the introductions. There were none.

2. The Agenda was approved as proposed (See IWG-3/028).

3. The minutes of the 8<sup>th</sup> meeting were approved as written in document IWG-3/027

4. Summary of other meetings of interest

Reports of activities at the recent international meetings of CITELE PCCII, ITU-R Special Committee, and WP-4A were provided with respect to WRC-12 agenda items 1.7, 1.13, and 1.25. A representative of NTIA reported that no new proposals were under development.

### 5. Proposals

There was next a review of the status of proposals under the responsibility of IWG-3

- a. A.I. 1.7- The WAC agreed proposal and that of NTIA are in the process of reconciliation.
- b. AI. 1.11- Mr. Jansky, on behalf of Iridium, introduced the Draft Proposal found in document IWG-3/029. The proposal states that the objective of the agenda item for a new Space Research Service(SRS) allocation can be met by modifying the allocation 22.55-23.55 GHz to provide for such an allocation in the band 22.55-22.85 GHz. The proposal was based on information set forth by the U.S. at ITU-R Working Party 7B (ITU-R Group responsible for this agenda item), and the objective of providing frequency separation to assist in compatibility of the SRS with other services potentially impacted in the allocation. In addition it is consistent with the government's long held policy of efficient spectrum management. Mr. Whyte indicated that the authors of the proposal may have misinterpreted the intent and application of the draft new recommendation under development by WP7B. The recommendation provides technical parameters to be used in compatibility studies but does not define the entirety of the planned use of the allocation by the space science community and should not be used to derive an estimate of bandwidth requirements as was done in the proposal. However, the authors pointed out that the draft text of the referenced recommendation states, "these characteristics are representative of

the technical and operating characteristics of earth stations and mission satellites supporting near-Earth, Lunar, and Sun-Earth LaGrange space research service missions”.

Mr. Whyte also pointed out that the wording of the last paragraph in the background was misleading in that it implies that the Recognizings in Resolution 753 (WRC-07) somehow note that the protection requirements of all affected services could somehow be met if the SRS allocation were limited to the lower 300 MHz. After this view was supported by Ms. Sanders, Mr. Jansky agreed to revise the paragraph.

[<http://www.ntia.doc.gov/reports/2008/FederalStrategicSpectrumPlan2008.pdf>]

Mr. Ladson asked if NASA had ever provided a requirements document, and Mr. Whyte responded that it had not. There was no objection to the proposal, but as it was the first consideration it was tabled until the next meeting.

- c. A.I. 1.13- It was noted that there was strong support for the US view on this agenda item at CITELE. Mr. Roytblat confirmed that U.S. satellite organizations could present proposals related to the satellite part of this agenda item, notwithstanding the fact that the agenda item deals with BSS in ITU Regions 1 and 3.
- d. A.I. 1.18- Mr. Weinreich presented document IWG-3/030 which is a draft proposal for this agenda item. Its purpose is to modify Appendix 5 of the RR to provide for a coordination trigger in relation to the introduction of the RNSS in Region 2 in the band 2483.5-2500 MHz.
- e. A.I. 1.24- There was no proposal for consideration and no comment.
- f. A.I. 1.25- Mr. Murphy stated that he expected that Inmarsat would propose a further narrowing of the number of frequency bands to be considered for a new MSS allocation.
- g. A.I. 8.2 There were no proposals for future agenda items

## 6 Future Meetings

It was noted that the next meeting of the WAC has been moved to February 10, 2010. The next meeting of IWG-3 is scheduled for 9:30AM, January 6, 2010.

## 7 Any other business

There being no other business raised, the meeting was closed.

### Documents Distributed:

IWG3/028 – Agenda for the 9th meeting of IWG-3

IWG3/029 – Draft Proposal on Agenda Item 1.11

IWG3/030 – Draft Proposal on Agenda Item 1.18