

IWG-2/060
April 7, 2006

WRC-07 Advisory Committee

IWG-2 Satellite Issues and HAPS Meeting Minutes

Meeting: Fourteenth Meeting of IWG-2

Date/Time: April 5, 2006, 1:30 PM

Location: Leventhal Senter & Lerman PLLC, 2000 K Street, N.W., Washington, D.C

Committee Members Present: Steve Baruch, Chair, and Jack Wengryniuk, Vice Chair.

FCC Employees Present: Joseph Hill, Sankar Persaud, Alex Roytblat

Meeting Summary Preparation: Jack Wengryniuk

Meeting Results

Introduction of Participants: Participants introduced themselves

Introductory Remarks: The Chair reminded the group that the next WAC meeting is scheduled for April 27, 2006 and noted the work that he hoped could be accomplished at this meeting.

Agenda: The Agenda (Doc. IWG-2/58) was approved without change.

Approval of the Minutes of the Twelfth Meeting: The minutes of the January 18, 2006 meeting of IWG-2 (Doc. IWG-2/49) were approved without change.

Consideration of Draft Proposals from Industry: There was one draft proposal (Doc. IWG-2/54) addressing the Resolution 145 aspects of Agenda Item 1.8 that was distributed before the meeting, as well as comments from the HAPS representative (Doc. IWG-2/55) on this proposal and reply comments from the author of the draft proposal (Doc. IWG-2/56). Introduction of these documents led to a considerable discussion on this topic. The net result of that discussion was the identification of 3 issues that required further consideration/discussion in the development on the draft proposal. These being: 1) the identification of the specific 300 MHz called for in Res 145, 2) what does the current version of Res 145 do for Region 2 countries not currently listed in **No.s 5.537** and **5.543A** versus what the draft proposal does, and 3) the significance of **No. 4.15A** to countries not specifically listed in **No.s 5.537** and **5.543A**. It was agreed that further off-line discussion would occur between the principal parties concerned and a revised draft proposal would be discussed at the next meeting of IWG-2.

Consideration of Draft Proposals from Exec. Branch Agencies: NTIA introduced the Exec. Branch agencies' draft proposals on several items. First was a proposal on Agenda Item 1.17, (Doc. IWG-2/50) addressing suppression of the conditional provisional temporary possible secondary allocation for NGSO MSS feederlinks around 1.4 GHz. There being no comment or objections to this proposal it was agreed within IWG-2.

Next was a draft proposal under Agenda Item 1.12 (Doc. IWG-2/51) dealing with inclusion of certain technical parameters of active and passive sensor systems in Appendix 4. This information is currently published for information by the BR. Discussion of this document led to an IWG-2 concern with the possible consequential ramifications of this proposal in terms of a requirement for commercial systems to have to file detailed information on unwanted emissions and a subsequent requirement for BR examination of this information. This document was tabled for further discussion at the next meeting of IWG-2.

Next was another draft proposal under Agenda Item 1.12, this one addressing the introduction of a 500 km coordination distance in Table 10 of Appendix 7 for the case of ground-based earth stations and aircraft terrestrial stations, except for those specifically identified cases in the table (Doc. IWG-2/52). The discussion on this proposal led IWG-2 to conclude that it would be useful to produce a red-lined version of the draft proposal that would make it clear that the proposal is not trying to change anything for cases below 3 GHz. Notwithstanding the fact that this red-lined version would be considered at the next IWG-2 meeting, this document was provisionally approved.

Next was Doc IWG-2/59, that contained specific embedded comments on the Executive Branch Draft Proposal on RNSS coordination requirement under Agenda Item 1.12 (i.e. Doc IWG-2/53). These suggested comments were accepted and the document was readily approved by IWG-2.

Finally, Doc. IWG-2/57 was on Executive Branch proposal on Agenda Item 1.20 seeks to have the U.S. propose that WRC-07 adopt mandatory limits on unwanted emissions from FSS earth stations in certain bands. This document led to a discussion again as to the possible ramifications of specifying such limits. Some of the specific points raised were: 1) the precedent of specifying hard limits to protect EESS, 2) the precedent of specifying hard limits based upon "acceptable" levels of interference, 3) the possible requirement for the BR to examine information on unwanted emissions once these limits are specified and the point of a hard limit without BR examination, 4) clarification that these limits are meant to address "clear sky" operation. In addition, a question was raised as to the derivation of the limits for the 47.2-50.2 GHz band. This document was tabled at this meeting and is to be discussed again at the next meeting of IWG-2

Future Meeting Schedule:

The next meeting of IWG-2 is scheduled for April 19 2006, 13:30, Leventhal Senter and Lerman.

Other Business:

None

Attendees: See Attachment

This meeting was announced and open to the public.

The meeting adjourned around 4 PM.

IWG 2: Attendance List

April 5, 2006

<u>NAME LAST</u>	<u>NAME FIRST</u>	<u>AFFILIATION</u>	<u>E-MAIL</u>	<u>TELEPHONE</u>	<u>FAX</u>	<u>PRESENT?</u>
Albuquerque	Jose	PanAmSat	jalbuquerque@panamsat.com	202-292-4309	202-292-4368	X
Baruch	Steve	Leventhal Senter & Lerman	sbaruch@lsl-law.com	202-416-6782	202-429-4626	X
Conner	Jerry	ITT	jerry.conner@itt.com	703-697-0094	703-697-7836	X
Gould	Rick	Telecom Systems	TelecomSystems@verizon.net	202-362-2167	202-362-1285	X
Haines	Rob	NTIA	Rhaines@NTIA.doc.gov	202-482-4096	202-501-8189	X
Hill	Joseph	FCC/IB	Joseph.Hill@FCC.gov	202-418-2215	202-418-0178	X
Hofer	Chris	NTIA	chofer@ntia.doc.gov	202-482-7983	202-501-8189	X
Hutchings	Suzanne	ICO	suzanne.hutchings@ico.com	202-330-4005	202-330-4008	X
Hutchison	Kris	ARINC	keh@arinc.com	410-266-4386	410-266-2047	X
Jansky	Don	Jansky-Barmat Tel. Com.	don@jansky-barmat.com	202-467-6400	202-296-6892	X
Lepkowski	Ron	ITT-AES for NASA	ronald.lepkowski@itt.com	703-438-8058	703-438-8112	X
Persaud	Sankar	FCC	sankar.persaud@fcc.gov			X
Roytlat	Alex	FCC/IB	alexander.roytlat@fcc.gov	202-418-7501	202-418-0748	X
Siverling	Jonathan	ARRL	siverling@mindspring.com	703-934-2066	703-934-2079	X
Sung	LiChing	NTIA	lsung@ntia.doc.gov	202-482-3485	202-501-8189	X
Taylor	Shayla	TT&C	shaylat@teleregs.com	540-659-7222	540-659-0189	X
Weinreich	David	Globalstar	david.weinreich@globalstar.com	301-874-5521		X
Wengryniuk	Jack	DirecTV	jwengryniuk@directv.com	301-663-0053	240-358-0569	X