

IWG-2/069
September 27, 2006

WRC-07 Advisory Committee

**IWG-2
Satellite Issues and HAPS
Meeting Minutes**

Meeting: Sixteenth Meeting of IWG-2

Date/Time: September 21, 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, Alex Roytblat

Meeting Summary Preparation: Steve Baruch

Meeting Results

Introduction of Participants: Participants introduced themselves

Introductory Remarks: The Chair reminded the group that the next WAC meeting is scheduled for October 4, 2006.

Agenda: The Agenda (Doc. IWG-2/68) was approved without change.

Approval of the Minutes of the Fifteenth Meeting: The minutes of the April 19, 2006 meeting of IWG-2 (Doc. IWG-2/64) were approved without change.

Consideration/Status of Proposals from Industry: The meeting discussed the status of proposals and identified areas where additional work was to be done. No industry proposal was expected on Agenda Item 1.7 (but one dealing with the 1668-1668.4 MHz segment only was expected soon from RCS). Any proposal addressing the 1670-1675 MHz portion of the agenda item would have to come from industry, and no interests were identified. Mr. Roytblat (FCC) encouraged industry participants to look closely at possible future agenda items, noting that the opportunities for purely industry input on the future agenda are running out, as the WAC process prepares to come to an end. Additional consideration was also sought of possible resolutions and recommendations to suppress under Agenda Item 4.

The meeting agreed that the chair would produce an e-mail to the IWG-2 participants urging consideration of and contributions on these matters in advance of the next IWG-2 meeting (late November/early December).

Consideration of Draft Proposals from Exec. Branch Agencies:

Three documents from the Exec. Branch Agencies were considered:

1. Doc. IWG-2/065 (Exec. Branch Agencies proposals for Agenda Item 4, review of resolutions and recommendations). IWG-2 had the following comments on the various proposals impacting satellite services and/or HAPS:

<u>Exec. Branch Agencies Proposal</u>	<u>IWG-2 Comments/Response</u>
USA//1 SUP Res. 21	N/A – Not related to satellites or HAPS
USA//2 SUP Res. 51	IWG-2 Endorses Suppression
USA//3 SUP Res. 56	IWG-2 Endorses Suppression
USA//4 SUP Res. 57	IWG-2 Endorses Suppression
USA//5 SUP Res. 87	IWG-2 Endorses Suppression
USA//6 SUP Res. 88	IWG-2 Endorses Suppression
USA//7 SUP Res. 96	IWG-2 Endorses Suppression
USA//8 and 9 SUP Res. 124 and No. 5.462A	IWG-2 Neither Endorses Nor Opposes These Proposals
USA//10 SUP Res. 136	IWG-2 Endorses Suppression
USA//11 SUP Res. 144	IWG-2 Endorses Suppression
USA//12 SUP Res. 405	N/A – Not related to satellites or HAPS
USA//13 SUP Res. 527	N/A – Not related to satellites or HAPS
USA//14 SUP Res. 528	IWG-2 Seeks to Retain Resolution 528
USA//15 SUP Res. 728	IWG-2 Endorses Suppression; notes that no “reasons” have been provided
USA//16 SUP Res. 734	IWG-2 Endorses Suppression
USA//17 SUP Rec. 14	N/A – Not related to satellites or HAPS
USA//18 SUP Rec. 36	IWG-2 Endorses Suppression
USA//19 SUP Rec. 520	N/A – Not related to satellites or HAPS
USA//20 SUP Rec. 604	N/A – Not related to satellites or HAPS
USA//21 SUP Rec. 606	N/A – Not related to satellites or HAPS
USA//22 SUP Rec. 707	IWG-2 Endorses Suppression; notes that no “reasons” have been provided
USA//23 SUP Rec. 722	N/A – Not related to satellites or HAPS
USA//24 SUP Rec. 723	N/A – Not related to satellites or HAPS

In addition, IWG-2 noted that Resolution 140 (WRC-03), addressing epfd limits in the 19.7-20.2 GHz band, could be a candidate for suppression, for the reason that the studies have been concluded in the ITU-R (resulting in adoption of Recommendation ITU-R S.1715), and that no further WRC action is needed or contemplated.

IWG-2 members will be encouraged to look at additional resolutions and recommendations to see if there are any additional candidates for suppression, and bring any proposals on this subject into IWG-2's November/December meeting.

2. Doc. IWG-2/066 (Exec. Branch Agencies proposals for Agenda Item 1.12, Mod to 9.14 and Mod to Appendix 5). IWG-2 had the following comments on the two proposals from the Exec. Branch agencies on Agenda Item 1.12:

- a. Mod to 9.14: IWG-2 endorsed and supported this proposal.
- b. Mod to Appendix 5: After discussion, IWG-2 participants had several unresolved questions about aspects of the proposal, its intentions, and whether the resulting text may go farther than intended. IWG-2 did not endorse the proposal. IWG-2 understands that the proposal is being considered in the U.S. preparatory process for the December 2006 SCRPM meeting, and that revisions to the proposal are contemplated by the authors. IWG-2 would appreciate the opportunity to review a revised draft U.S. proposal from the Exec. Branch Agencies, if one is able to be developed.

3. Doc. IWG-2/067 (Exec. Branch Agencies proposals for Agenda Item 1.4). This proposal was distributed to IWG-2 participants pursuant to an instruction from the FCC issued upon its receipt from NTIA. IWG-2 limited its consideration to the FSS downlink band at 3650-4200 MHz. IWG-2 noted that there is a discrepancy between the Table element in Proposal USA//3 (NOC for 3400-4200 MHz) and the reason below the proposal (which is limited to 3400-3650 MHz). IWG-2 strongly felt that the reason below USA//3 should be aligned to coincide with the table (i.e., to extend to 4200 MHz on the upper end), and that a corresponding paragraph should be added to the background section emphasizing the extreme significance of the 3650-4200 MHz band for the FSS industry and for the billions of people around the world who rely on C-band telecommunications satellites for the dissemination of information, entertainment, and communications. There was no disagreement with these comments on Doc. IWG-2/067.

Mr. Roytblat (FCC) noted that IWG-3 is the lead WAC working group on Agenda Item 1.4. After discussion, it was agreed that the Chair of IWG-2 would send a copy of these minutes to the Chair of IWG-3, in advance of IWG-3's Sept. 28 meeting, pointing out the comments of IWG-2 on Document IWG-2/067, and urging IWG-3 to take this clear view into account in its own deliberations. To the extent that any discrepancy remains between IWG-3 and IWG-2 views on the extension of the NOC in USA//3 in Doc. IWG-2/067 (RCS proposal on AI 1.4) to the 3650-4200 MHz band after such consideration, the FCC can then entertain both points of view upon being forwarded the same by the WAC.

Future Meeting Schedule:

The next meeting of IWG-2 will be scheduled for a date TBD, in advance of the first post-October 4, 2006 WAC meeting.

Other Business:

None

Attendees: See Attachment

This meeting was announced and open to the public.

The meeting adjourned around 2:55 PM.

IWG 2: Attendance List September 21, 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>
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
Green	Katherine	ITT Industries	katherine.green@itt.com	703-668-6186	703-668-6385	X
Henriques	Humberto	World Space	hhenriques@worldspace.com	301-960-1233	301-960-2233	X
Hill	Joseph	FCC/IB	Joseph.Hill@FCC.gov	202-418-2215	202-418-0178	X
Hutchings	Suzanne	ICO	suzanne.hutchings@ico.com	202-330-4005	202-330-4008	X
Khalilzadeh	Abdolmajid	Intelsat		202-944-7679	202-944-7870	X
Rinker	Alan	Boeing	Alan.g.rinker@boeing.com	703-465-3340	703-465-3884	X
Roytlat	Alex	FCC/IB	alexander.roytlat@fcc.gov	202-418-7501	202-418-0748	X
Sung	LiChing	NTIA	lsung@ntia.doc.gov	202-482-3485	202-501-8189	X
Wengryniuk	Jack	DirecTV	jwengryniuk@directv.com	301-663-0053	240-358-0569	X