

WRC-11 ADVISORY COMMITTEE

Meeting Minutes

Meeting: IWG-2 Terrestrial Services

Date/Time: March 25, 2009/11 am – 1 pm

Location: FCC, 445 12th St. SW, Washington, DC 20554, South Conference room (5th floor)

Committee Members Present: Kimberly Baum (Motorola), Chair; Jonathon Siverling (ARRL), Vice Chair. See Annex 2 for a full list of IWG-2 members in attendance.

Meeting Summary:

Introductions

Attendees present at the meeting and participating by telephone introduced themselves.

Approval of the Agenda

The Agenda for the meeting (see Annex 1) was approved following revisions to the volunteer lists.

Approval of the Minutes from Prior IWG-2 Meeting

The Minutes from the March 10, 2009 meeting (Doc. IWG-2/16) were discussed. The minutes from the prior meeting were then approved.

List of Documents

The List of Documents in IWG-2/4 was noted.

WAC Schedule

The meeting noted that the next WAC meeting is scheduled for March 31, 2009. It was noted that the WAC meeting on March 31, 2009 is our target date for approving documents so IWG-2 must approve as many documents as possible prior to the WAC meeting.

Update on Regional Preparations/Other Relevant Meetings

There was then a brief update of regional preparations and other relevant meetings.

Review of Assigned Agenda Items and Organization of Work

The review of agenda items proceeded as follows:

Agenda Item 1.20 (Document IWG-2/15 (24.03.09))

The results of deliberations on this agenda item were discussed. It was noted that the chairperson developed a cover letter for the introduction of the document and the presentation of the two different views on this agenda item. The authors of the two views, Mr. Gould and Mr. Jansky, then presented a summary of their views.

The cover page of this document was then approved by IWG-2. The text of the two views was not reviewed by IWG-2 as a whole, as each is meant to solely reflect the views of the authors.

Agenda Item 1.5

IWG-2 has decided to support the U.S. P.V. on this agenda item.

Agenda Item 1.8 (Document IWG-2/17 (18.03.09))

Document 17, providing edits to the NTIA P.V. and developed by Bill Rummeler, was approved. The chairperson will also make editorial changes to the title for the final version.

Agenda Item 1.16

There is no ongoing work on Agenda Item 1.16 in IWG-2.

Agenda Item 1.17 (Doc. IWG-2/12 (24.03.09))

Ms. Sanders and Ms. Baum gave an introduction of document 12 and listed the specific edits made for this version. There were no comments on the document and so it was approved.

Agenda Item 1.19 (Doc. IWG-2/14 (09.03.09))

A small group within IWG-2 had created a new version of this document. While there was general agreement in the small group, there was still some text in square brackets.

There was then significant discussion on how to move forward and remove the square brackets in the text of this document. Mr. Roytblat made a comment that if the group were to make use of this document, then the square brackets would need to be removed. A possible solution was then made to remove the phrase in the square brackets on the second page and replace it with the sentence "...within and/or on the services for which those groups are responsible, and on whether it is appropriate for technologies or techniques that dynamically search for spectrum to be used

in particular frequency bands.”

There was general consensus on this new text and this document was approved.

Agenda Item 1.22 (Doc. IWG-2/9(10.03.09))

Document 9 on this agenda item was approved at the last meeting. It was noted that an administrative error was fixed after that meeting and the document had been recirculated.

Agenda Item 1.23 (Doc. IWG-2/18(18.03.09))

A summary of document was provided. The view of the document is that the U.S. will support secondary allocation for amateur service and protection will be provided in accordance with footnotes already present. The document was subsequently approved.

Agenda Item 8.2

There is no output for consideration yet on Agenda Item 8.2.

Meeting Schedule

The next meeting of IWG-2 will take place on July 15th at 10 am.

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

Annex 1 – Approved Agenda

WRC Advisory Committee 2011 Informal Working Group-2

Wednesday, March 25, 2009

11:00 a.m. – 1:00 p.m.

FCC, 445 12th St. SW, Washington, DC 20554
5th floor South Conference Room (5-B516)

Dial in information: 866 624-3038 and 210 814-1690, Participant code is 5809270

Agenda

1. Introductions
2. Approval of Agenda
3. Administrative matters
 - a. Volunteer to take minutes
 - b. Approval of draft Minutes from March 10th meeting – [Document IWG-2_16 \(24.03.09\)](#)
 - c. List of documents – [Document IWG-2_4 \(24.03.09\)](#)
 - d. WAC schedule – next full WAC March 31, 2009
4. Brief Update on Regional Preparations/other relevant meetings
 - a. CITEL
 - b. CEPT
 - c. APT
 - d. Others
5. Review of Assigned Agenda Items & Organization of work

AI	Issue	ITU Lead WP	US PVs/NTIA PVs	IWG-2 Doc?	IWG-2 Volunteers?
1.20	to consider the results of ITU-R studies and spectrum identification for gateway links for high altitude platform stations (HAPS) in the range 5 850-7 075 MHz in order to support operations in the fixed and mobile services, in accordance with Resolution 734 (Rev.WRC-07)	WP-5C	US PV (Doc. WAC/007), NTIA PV (Doc. WAC/005) (superseded)	Doc. 15 (24.03.09)	Mr. Gould, Mr. Roger LeClair, Mr. Jansky and Mr. Weinreich. Ms. Sanders will solicit FWCC for input.

AI	Issue	ITU Lead WP	US PVs/NTIA PVs	IWG-2 Doc?	IWG-2 Volunteers?
1.5	to consider worldwide/regional harmonization of spectrum for electronic news gathering (ENG), taking into account the results of ITU-R studies, in accordance with Resolution 954 (WRC-07) ;	WP-5C	US PV (Doc. WAC/007), NTIA PV (Doc. WAC/005) (superseded)	Support NTIA pv	Ms. Sanders
1.8	to consider the progress of ITU-R studies concerning the technical and regulatory issues relative to the fixed service in the bands between 71 GHz and 238 GHz, taking into account Resolutions 731 (WRC-2000) and 732 (WRC-2000)	WP-5C	US PV (Doc. WAC/007), NTIA PV (Doc. WAC/005) (superseded)	Doc. 17 (18.03.09)	Mr. Gould, Mr. Rummier
1.16	to consider the needs of passive systems for lightning detection in the meteorological aids service, including the possibility of an allocation in the frequency range below 20 kHz, and to take appropriate action, in accordance with Resolution 671 (WRC-07)	WP-7C			Unassigned
1.17	to consider results of sharing studies between the mobile service and other services in the band 790-862 MHz in Regions 1 and 3, in accordance with Resolution 749 (WRC-07) , to ensure the adequate protection of services to which this frequency band is allocated, and take appropriate action	JTG 5-6		Doc. 12 (24.03.09)	Ms. Sanders and Ms. Baum
1.19	to consider regulatory measures and their relevance, in order to enable the introduction of software-defined radio and cognitive radio systems, based on the results of ITU-R studies, in accordance with Resolution 956 (WRC-07) ;	WP-1B	NTIA PV (Doc. WAC/005)	Doc. 14 (09.03.09)	Mr. Case, Mr. Baruch, Mr. Chartier, Mr. Jansky, Ms. Creeser and Ms. Baum
1.22	to examine the effect of emissions from short-range devices on radiocommunication services, in accordance with Resolution 953 (WRC-07) ;	WP-1A	NTIA PV (Doc. WAC/005)	Doc. 9 (10.03.09) (Approved)	Ms. Baum, Mr. Case, Mr. Chartier and Ms. Creeser
1.23	to consider an allocation of about 15 kHz in parts of the band 415-526.5 kHz to the amateur service on a secondary basis, taking into account the need to protect existing services;	WP-5A		Doc. 18 (18.03.09)	Mr. Price and Mr. Siverling
8.2	Preliminary agenda for the subsequent conference and on possible agenda items for future conferences				Unassigned

6. Schedule

7. Any other business?

8. Adjournment

ANNEX 2 – List of participants

First Name	Last Name	e-mail	Affiliation	Attended 3/25/09?	On IWG-2 email list?
Steve	Baruch	SBaruch@LermanSenter.com	Lerman Senter	Y	Y
Kimberly	Baum	kimberly.baum@motorola.com	Motorola	Y	Y
Brooks	Cressman	brooks.cressman@itt.com	ITT for DoD	Y	Y
Alex	Epshteyn	Alexander.Epshteyn@asrcms.com	ASRC	Y	Y
Joe	Hill	joseph.hill@fcc.gov	FCC	Y	?
Dante	Ibarra	dante.ibarra@fcc.gov	FCC	Y	Y
Majid	Khalilzadeh	Abdolmajid.Khalilzadeh@intelsat.com	Intelsat	Y	Y
Michael	Mullinix	michael.mullinix@fcc.gov	FCC	Y	Y
Brennan	Price	bprice@arrl.org	ARRL	Y	Y
Alexander	Roytblat	alexander.roytblat@fcc.gov	FCC	Y	Y
Charlie	Rush	crush@tmgtelecom.com	TMG/Qualcomm	Y	Y
Don	Jansky	don@jansky-barmat.com	Jansky-Barmat Telecomm.	Y	Y
Jon	Siverling	siverling@mindspring.com	ARRL	Y	Y
Tricia	Paoletta	tpaoletta@wiltshiregrannis.com	Dell, Google & Microsoft		
David	Case	davecase@cisco.com	Cisco	Y (phone)	Y
Mike S.	Chartier	mike.s.chartier@intel.com	Intel	Y (phone)	Y

Giselle	Creeser	Giselle.Creeser@lmco.com	Lockheed Martin	Y (phone)	Y
Rick	Gould	telecomsystems@verizon.net	Aerovironment	Y (phone)	Y
Ed	Jacobs	jacobse65@embarqmail.com	ASRC for NASA	Y (phone)	Y
Roy	LaRosa		Stratocomm	Y (phone)	Y
Roger	LeClair	roger@leclairtelecom.com	LeClair Telecommunications		Y
Paul	Najarian	pnajarian@NTIA.DOC.GOV	NTIA	Y (phone)	Y
Vish	Sahay	Vishnu.Sahay@HSTX.com	Harris	Y (phone)	Y
Stephen	Ward	stephen.ward@mmiconnect.com	MMI	Y (phone)	Y
David	Weinreich	david.weinreich@globalstar.com	Globalstar	Y (phone)	Y
Jack	Wengryniuk	jwengryniuk@directv.com	DIRECTV	Y (phone)	?
Wayne	Whyte	Wayne.A.Whyte@nasa.gov	NASA	Y (phone)	Y
Jonathan	Williams	jwilliams@ntia.doc.gov	NTIA	Y (phone)	Y
Joanne	Wilson	jwilson@CompassRoseIntl.com	CompassRose International	Y (phone)	Y