

WRC-07 ADVISORY COMMITTEE

Meeting Minutes

Meeting: IWG-1

Date/Time: July 19, 2005 / 1400 - 1515

Location: Lockheed Martin (Crystal City)

Committee Members Present: (see Attachment 1)

FCC Employees Present: Alex Roytblat, Allen Yang

Meeting Summary:

Jennifer Warren (Chair) called the meeting to order. Following a round of introductions, the meeting participants approved the agenda (Attachment 2) with the addition of Item 5.bis "Status of Previously Approved IWG-1 Documents". It was also noted that the minutes of the March 10, 2005 IWG-1 meeting had been previously approved by correspondence.

There were two input documents submitted to this meeting and these were discussed in turn. The first was a draft proposal presented by Jack Wengryniuk (DIRECTV) addressing Agenda Item 1.2 (Res 746, *resolves* 1). The issue at hand here is the possible 100 MHz extension of the existing 18.0-18.2 GHz MetSat allocation to accommodate future high data rate MetSat systems. The draft proposal summarized the status of studies between ITU-R WP 7B and WP 4A on this issue and concluded with proposing a 100 MHz extension to the allocation from 18.0-18.1 GHz. This proposal is entirely consistent with the results of all ITU-R studies on this issue. The document was agreed in principle, subject to some minor editorials, and it was also agreed that final approval could be accomplished electronically after distribution of the revised version of the document. Finally, it was noted that an associated proposal to modify Appendix 5 to extend the $\pm 8^\circ$ coordination arc threshold to MetSat systems will also be developed.

The second input document to this meeting, presented by Ken Keane (Duane Morris on behalf of AFTRCC) proposed modifications to the existing U.S. Preliminary View on Agenda Item 1.5. The changes were meant to more clearly indicate what the U.S. would consider in terms of regulatory aspects of this agenda item. There was considerable discussion of this document, during which several general observations were made:

- i) It is recognized that aeronautical telemetry is an "application" in the mobile service (MS) and, as such, can theoretically operate in any MS allocation. Use of

existing MS allocations could focus on a regulatory approach of “identification” of MS spectrum for AMT applications, similar to an IMT-2000 or perhaps an HDFSS approach.

- ii) Given the spectrum requirements for AMT, additional MS allocations may be sought in particular frequency bands.
- iii) Protection requirements for “new” AMT applications, which will not be for safety of life uses, will be less onerous than those for existing applications, which are for safety of life uses. This should ease the concerns of existing Primary services in the bands targeted under this agenda item, as new AMT applications will still want to be protected, but this issue must be very carefully addressed in any proposal.

It was agreed that Mr. Keane would take the results of this discussion into account and distribute a draft revised PV on this issue by month’s end. IWG-1 will look to approve this revised PV electronically with a reasonable turnaround time.

Under the meeting agenda item 5.bis queries were made as to the status of the previously WAC approved IWG-1 proposal on Agenda Item 1.20. The NTIA observer (Rob Haines) reported that the proposal had been considered by RCS and was found to be rather controversial in several areas as it raised multiple policy issues. He also pointed out some of the difficulties for EESS with the “consultation” solution contained in the proposal. It was noted that this matter is being reviewed at senior levels within the USG, including the FCC.

Under future meetings, it was noted that the WAC will meet on 14 September, and that the next meeting of IWG-1 was scheduled for 8 September, 14:00 at FCC Headquarters Room 6B516.

Public Participation Statement: This meeting was open to the public and 11 people attended (see Attachment 1 for participants list).

Author: Jack Wengryniuk

Attachment 1
IWG-1 Meeting Attendees
19 July 2005

Kathryn Martin	Access Partnership	Kathryn@accesspartnership.com
Rob Haines	NTIA	rhaines@ntia.doc.gov
Alex Roytblat	FCC	alexander.roytblat@fcc.gov
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Don Jansky	Jansky-Barmat	don@jansky-barmat.com
Ken Keane	Duane Morris LLP	kkeane@duanemorris.com
Jack Wengryniuk	DIRECTV, Inc.	jwengryniuk@directv.com
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Allen Yang	FCC	allen.yang@fcc.gov
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