

**DRAFT**

**WRC-2003 Advisory Committee**

**IWG-3**

**Fixed-Satellite and Broadcasting-Satellite Service Issues**

**Meeting Minutes**

**Meeting:** Fifth Meeting of IWG-3

**Date/Time:** 8 August 2001 at 9:30 AM

**Location:** Federal Communications Commission, Room 6-B516

**Committee Officers Present:** T. Hayden, Chairperson  
G. Creeser, Vice Chairperson

**Committee Members Present:** See **Annex 1**

**FCC Employees Present:** A. Roytblat  
D. Garfield

**Agenda:** The agenda (See **Annex 2**) was approved.

**Minutes:** The minutes from IWG-3 meeting #4, 21 June 2001, that appear in IWG-3/016(28.06.01) were approved without change. Ms. Baum volunteered to draft the minutes for this meeting.

**WAC Schedule/Objectives:** The chairman reminded the group that the next WAC is scheduled for August 28<sup>th</sup>, and the September meeting is scheduled for September 25. The objective for the IWG's is to propose any desired changes to the CITELE Report from the June PCC III meeting and any of the currently existing WAC preliminary views if necessary. These changes would have to be agreed in IWG-3, be sent to the WAC for approval and forwarding to the FCC, be agreed by the FCC, and eventually agreed by the FCC and NTIA.

Proposals to modify U.S. and CITELE PV's will have to be finalized at the September 25 WAC meeting, in order to be forwarded to the November CITELE PCC.III meeting.

**Review of IWG-3 WRC-03 Agenda Items:** IWG-3 reviewed the WRC-03 agenda items under its purview, in an attempt to identify if it is necessary to update the U.S. and/or CITELE preliminary views. In addition, it was recognized that in some cases, it may be appropriate to develop proposals.

IWG-3 participants were requested to review further the WRC agenda items in line with the objectives for this phase of the WRC-2003 preparatory process. It was noted that any proposed documents (developed after this meeting) intended for consideration at the August WAC meeting could be

approved by IWG-3 by correspondence. In general it was felt that there would likely be more input documents at IWG-3's next meeting (September 12).

a. Agenda Item 1.8 - Unwanted emissions (FSS and BSS portion). The group considered RCS proposal dated 18 July 2001 on agenda item 1.8.1. A deadline of August 20<sup>th</sup> was established for emailing any comments to the IWG-3 list, as NTIA would like to have WAC approval of this proposal at the August 28<sup>th</sup> meeting. As IWG-2 will also be considering this proposal from the point of view of MSS, it was agreed, at the Vice Chair's suggestion, that the IWG-2 & 3 leadership should set the same deadline for comment on the proposal & circulate any comments received to both groups.

b. Agenda Item 1.11 – 14-14.5 GHz AMSS. There was no need identified to modify the U.S. or CITEL PV's at this time.

c. Agenda Item 1.19 – NGSO FSS: Regulatory misapplication of epfd. There was no need identified to modify the U.S. or CITEL PV's at this time.

d. Agenda Item 1.27 – BSS Appendices S30 and 30A. Ms. Creeser indicated that she may develop an input to modify the CITEL Preliminary View based on U.S. ITU-R Working Party 6S contributions for our September meeting.

e. Agenda Item 1.29 – NGSO/GSO sharing (Resolution 78 and Resolution 136). On Resolution 78 matters, it was noted that two draft U.S. contributions to ITU-R Working Party 4A on this subject were presented this week. As Mr. Kaplan is no longer attending IWG-3, a tentative replacement person was identified to follow this issue for IWG-3 (Ms. Baum). Ms. Baum offered to contact PanAmSat to determine if they have an alternative replacement point of contact. Ms. Baum may develop an input for the next IWG-3 meeting.

On Resolution 136 matters Mr. Baruch indicated that there was no need to modify the U.S. or CITEL preliminary views at this time. It will be necessary, however, to make changes in the PV's when the U.S. proposals are developed.

f. Agenda Item 1.34 – NGSO BSS sound in 2630-2655 MHz. Mr. Jansky and some other participants expressed frustration at the lack of resolution by the FCC of a U.S. preliminary view on this issue. However, FCC staff indicates that they are currently working to resolve the text internally. The current WAC-adopted PV on this topic satisfactorily reflects the views of IWG-3.

g. Agenda Item 1.35 – Remarks of S30 and S30A, Resolution 53. The group is awaiting the results of the Radiocommunication Bureau study before further effort on this agenda item can be undertaken.

h. Agenda Item 1.37 – Highly elliptical orbit satellite networks. Mr. Baruch stated that there is no need to modify the U.S. or CITEL PV's at this time.

i. Agenda Item 1.39 – TT&C below 17 GHz for systems with service links above 17 GHz. It was suggested that there was no need to modify the U.S. or CITEL PV's at this time, but depending on results of Working Parties 4A and 4B, further effort next year may be necessary.

As Mr. Hofer may no longer participate in the IWG's work, it was agreed that a representative from INTELSAT should replace him as the point of contact on this item.

**Future Meetings:** The next meeting of IWG-3 is scheduled for 12 September 2001, 10:00 AM – 12:30 PM, at the FCC (8-B411). A following meeting was tentatively scheduled for October 30, 2001, 10:00 AM – 12:30 PM, at the FCC, as the last IWG-3 meeting before the CITEL meeting in early November.

**Other Business:** There was no other business and the meeting was adjourned at 10:35 AM.

**Documents Distributed:** The documents that were distributed included the meeting agenda, the minutes of the previous meeting (IWG-3/016(28.06.01)), and RCS proposal on agenda item 1.8.1 (IWG-3/018(07.18.01)).

**Public Participation Statement:** The IWG-3 meeting was open to the public and was attended by 18 members from the public sector excluding FCC, NTIA and DoD (24 in total) as listed in ANNEX 1.

**Author:** Kim Baum

ANNEX 1 – IWG-3 MEMBERS PRESENT

<b>Last Name</b>	<b>First Name</b>	<b>Affiliation</b>
Allison	Audrey	Boeing Connexion
Baruch	Steve	Leventhal, Senter & Lerman
Baum	Kim	ASTROLINK
Bell	Henry	OSAM/DoD
Byrd	James	Hughes
Creeser	Giselle	Telecomm Strategies
Fisher	Ben	Shaw Pittman
Garfield	Diane	FCC/IB
Glass	Charles	OSAM/DoD
Haines	Rob	NTIA
Harrison	Lillie	WCOM
Hayden	Tom	Teledesic
Jansky	Don	Jansky/Barmat Telecom
Kaltenmark	Steve	Telecomm Strategies
Latker	Alex	
Lucas	Greg	FCC Filings.com
Messer	Don	IBB/VOA
Mitchell	Michael	Consultant
Palmer	Larry	PalmTelCom, Inc
Ramsay	Brian	LMCO
Rappoport	Eugene	Loral
Richards	Warren	ITT Industries
Roytblat	Alex	FCC/IB
Zoller	Julie	ITT Industries

**Informal Working Group 3:  
Fixed-Satellite Service/Broadcasting Satellite Service**

IWG-3 Meeting #5

**Agenda**

1. Introductions and initial remarks
2. Volunteer to take minutes
3. Sign-in procedure
4. Approval of Agenda
5. Approval of IWG-3 Minutes from previous meeting (e-mailed out on 29 June 2001)
6. WAC Schedule/Objectives
7. Discussion of IWG-3 WRC-03 Agenda Items:
  - a. Proposed changes to CITELE Report
  - b. Proposed changes to existing WAC preliminary views
8. Any other business

Agenda Item #	Issue	CPM Chapter	ITU-R Lead SG	IWG-3 Point of Contact	IWG-3 PV Doc #
1.8	Unwanted Emissions (FSS and BSS portion)	6.1	TG1-7	Kim Baum	003
1.11	14-14.5 GHz AMSS	4.1	8D	Mel Barmat	004
1.19	NGSO FSS: Regulatory misapplication of epfd	3.1	4A	Kim Baum	005
1.27	BSS: AP S30 and S30A	3.2	6S	Giselle Creeser	006
1.29	NGSO/GSO sharing (Res 78 & Res 136)	3.3	4A	Kim Baum (Res 78) Steve Baruch (Res 136)	007 008
1.34	NGSO BSS sound in 2630-2655 MHz	3.5	6S	Don Jansky	009
1.35	Remarks of S30 and S30A, Res.53	3.6	BR	Ed Reinhart	010
1.37	Highly elliptical orbit satellite networks	3.7	4A	Steve Baruch	011
1.39	TT&C below 17GHz for systems with service links above 17GHz	3.8	4A	Chris Hofer	012

**Upcoming meetings for IWG-3**

Meeting #6: 12 September, 2001 10:00 am – 12:30pm, FCC Room 8-B411 (8th Floor Conference Room 5)

Meeting #7: **TBD**