

WRC-2003 Advisory Committee

IWG-3

Fixed-Satellite and Broadcasting-Satellite Service Issues

Meeting Minutes

Meeting: Fourth Meeting of IWG-3

Date/Time: 21 June 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 from the May 16 Meeting: The minutes from the previous meeting that appear in IWG-3/014(18.05.01) were approved as presented.

WAC Schedule/Objectives: The chairman gave a brief report on the last WAC meeting. He indicated that at the recent WAC chairperson/vice chairperson meeting, the WAC meeting schedule was revised. The WAC scheduled for July has been cancelled, the August 29th meeting has been moved to August 28th, and the September meeting is scheduled for September 25. The objective now, 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.

The next CITELE PCC.III WRC-2003 meeting is scheduled for November 5-9. Proposals to modify U.S. and CITELE PV's will have to be finalized at the September 25 WAC meeting. It was recognized that the ITU-R Working Parties and Study Group block meetings will be occurring in the September-November time frame. It will have to be assumed that modified U.S. and CITELE PV's will be in line with the expected successful results of the ITU-R WP and SG meetings based on U.S. contributions to those block meetings. To the extent that this is not the case, the FCC and NTIA will have to make last minute modifications to U.S. contributions to the NOV 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 a proposal would be necessary to update the U.S. and/or CITELE preliminary view while taking into account the consolidated preliminary views and draft proposals agreed at the recent APT Conference Preparatory Group meeting.

It was recognized that this was an initial review. 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.

- a. Agenda Item 1.8 - Unwanted emissions (FSS and BSS portion). There was no need identified to modify the U.S. or CITELE PV's at this time. The results of studies in ITU-R Task Group 1/7 may require further refinement of the U.S. preliminary view.
- b. Agenda Item 1.11 – 14-14.5 GHz AMSS. There was no need identified to modify the U.S. or CITELE PV's at this time.
- c. Agenda Item 1.19 – NGSO FSS: Regulatory misapplication of epfd. There was no need to modify the U.S. or CITELE 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 CITELE Preliminary View based on U.S. ITU-R Working Party 6S contributions.
- e. Agenda Item 1.29 – NGSO/GSO sharing (Resolution 78 and Resolution 136). On Resolution 78 matters, Mr. Hofer indicated that it will be necessary for further evaluation of the issues requiring resolution by U.S. ITU-R Working Party 4A before a preferred procedure is selected from the three indicated in the U.S. and CITELE PV's. He also indicated that the Canadian new procedure approach is shown as a preliminary proposal in the CITELE meeting results. 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 CITELE 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 indicated that the U.S. does not have a preliminary view on this issue. Work is ongoing in ITU-R SRG-11.
- g. Agenda Item 1.35 – Remarks of S30 and S30A, Resolution 53. Mr. Hofer indicated that it is necessary to await 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. There was no need to modify the U.S. or CITELE PV's at this time.
- i. Agenda Item 1.39 – TT&C below 17 GHz for systems with service links above 17 GHz. Mr. Hofer indicated that there was no need to modify the U.S. or CITELE PV's at this time, but depending on results of Working Parties 4A and 4B, further effort next year may be necessary.

Future Meetings: The next two meetings of IWG-3, scheduled for August 8, 2001, 9:30 AM – 12:00 PM, at the FCC (6-B516), and September 12, 2001, 10:00 AM – 12:30 PM, at the FCC

(8-B411), were confirmed.

Other Business: There being no other business the meeting was adjourned at 10:55 AM.

Documents Distributed: The documents that were distributed included the meeting agenda and the minutes of the previous meeting (IWG-3/014).

Public Participation Statement: The IWG-3 meeting was open to the public and was attended by 20 members from the public sector as listed in ANNEX 1.

Author: Larry Palmer

ANNEX 1 – IWG-3 MEMBERS PRESENT

Last Name	First Name	Affiliation
Allison	Audrey	Boeing Connexion
Barmat	Melvin	Jansky/Barmat Telecom
Baruch	Steve	Leventhal, Senter & Lerman
Baum	Kim	ASTROLINK
Creaser	Giselle	Telecomm Strategies
Garfield	Diane	FCC/IB
Glass	Charles	OSAM/DoD
<u>Harrison</u>	<u>Lillie</u>	<u>WCOM</u>
Hayden	Tom	Teledesic
Hofer	Chris	PanAmSat
Jansky	Don	Jansky/Barmat Telecom
Latker	Alex	PanAmSat
Maimo	Angela	Intelsat
Mitani	Brian	Intelsat
Mitchell	Michael	Consultant
Palmer	Larry	PalmTelCom, Inc
Ramsay	Brian	LMCO
Rappoport	Eugene	Loral
Renshaw	Alan	SFA, Inc.
Routier	Ramses	OSAM/DoD
Roytblat	Alex	FCC/IB
Rubin	Phillip	PanAmSat
Zoller	Julie	ITT Industries

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

IWG-3 Meeting #4

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 21 May)
6. WAC Schedule/Objectives
7. Review of IWG-3 WRC-03 Agenda Items:
 - a. Report on last WAC meeting (Chair)
 - b. Summary of recent CITELE PCC.III and APT Meetings (Point of Contact)
 - c. Discussion of potential future actions (All)
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	Ted Kaplan (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 meeting for IWG-3

Meeting #5: 8 August, 9:30 am - 12 noon, FCC Room 6-B516 (6th Floor South Conference Room)

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