

WRC-2003 Advisory Committee

IWG-3

Fixed-Satellite and Broadcasting-Satellite Service Issues

Meeting Minutes

Meeting: Seventh Meeting of IWG-3

Date/Time: 11 December 2001 at 9:30 a.m.

Location: Federal Communications Commission, 6th Floor South Conference Room

Committee Officers Present: G. Creeser, Vice-Chairperson

Committee Members Present: See **Annex 1**

FCC Employees Present: A. Roytblat, R. Nelson

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

Minutes: The minutes from IWG-3 meeting #6, 8 August 2001, that appear in IWG-3/019(28.11.01) were approved without change. Ms. Creeser chaired the meeting in the absence of Tom Hayden, Chairperson. Ms. Taylor volunteered to draft the minutes for this meeting.

WAC Schedule/Objectives: The chairman reminded the group that the goal of the IWG is to finalize proposals to submit to the next WAC which is scheduled for December 19 at 10 a.m. The WAC will be acting on proposals to submit to the February 18-21, 2002 meeting of CITEP PCC-III. After approval by the WAC, the government RCS would also need to consider any proposals going forward to CITEP PCCIII.

Review of IWG-3 WRC-03 Agenda Items: The following reflects the discussion and decisions regarding the WRC-03 agenda items under IWG-3's purview.

(a) Agenda Item 1.8: There was nothing new to report on this agenda item since the last IWG-3 meeting.

(b) Agenda Item 1.11: IWG-3 approved the revision of Document IWG-3/022 to be forwarded to the WAC. This is a proposal that the secondary allocation to mobile-satellite service (Earth-to-space) on a secondary basis in the band 14-14.5 GHz be extended to aeronautical-mobile satellite service. The revisions address the comments made at the previous meeting of IWG-3.

(c) Agenda Item 1.19: IWG-3 agreed to endorse the RCS proposal which recommends no change regarding the subject of misapplication of efd limits.

(d) Agenda Item 1.27: On the subject of BSS, Giselle Creeser stated that there was nothing new to report but that there is a WP6S preparatory meeting on December 12.

(e) Agenda Item 1.29: Steve Baruch circulated a document (IWG-3/25, which was mistakenly assigned the new number of 32 at the meeting) containing a proposal addressing regulations to address possible non-compliance by NGSO FSS systems with operational or additional operational limits in Article S22. The proposal provides a WRC-03 Resolution which outlines procedures (in an Annex) to be applied in the event of non-compliance with single-entry operational and additional operational limits in Section II of Article S22. The Resolution is called out in RR S22.5I. A number of edits for clarification were made to the document at the meeting and the proposal, as edited, was adopted by IWG-3. The author was asked to circulate the revised document to all of IWG-3 and any additional comments were to be provided by COB 12 December 2001.

(f) Agenda Item 1.34 – NGSO BSS(Sound) – Don Jansky indicated that there is no proposal at this time.

(g) Agenda Item 1.35 – Remarks in the S30 and S30A plan – it was stated that any action by IWG-3 has to await the BR report, expected in 2002.

(h) Agenda Item 1.37 – Document IWG3/029 was presented by Steve Baruch and Kim Baum. This concerns the regulatory and technical provisions for satellite networks using highly elliptical orbits (HEOs). The proposal is for NOC to certain entries in Table S21-4, Article S22 and Resolution 76 (WRC-00). The frequency bands addressed in this proposal are in the 10.7-19.3 GHz range. An edit was made to the reason section at the suggestion of Gene Rappoport and to the background text at the suggestion of Don Jansky. IWG-3 agreed to both changes. Alex Roytblat indicated that proposals on HEOs in other frequency bands might need to be developed depending on proposals of other administrations. It was also pointed out that CEPT appears to be going in another direction on this subject.

Document IWG3/029, as edited at the meeting, was approved for presentation to the WAC.

(i) Agenda Item 1.39 – Document IWG-3/030 on TT&C frequencies (NOC to S1.23 and Article S5) was approved for presentation to the next WAC meeting.

Future Meetings: The next meeting of IWG-3 is scheduled for 12 February 2002 from 1-3 p.m. at the FCC 6th Floor Conference Room South (6-B516). It was noted that the meeting may be canceled if there are no input documents to consider.

Other Business: There was no other business and the meeting was adjourned at 10:50 a.m.

Documents Distributed: The documents that were distributed included the meeting agenda, the minutes of the previous meeting IWG-3/019(28.11.01), the proposal on agenda item 1.11 (IWG-3/022 (04.12.01), the proposal on agenda item 1.37(IWG-3/029 -12.03.01), and the proposal on agenda item 1.29 (IWG-3/25-12.10.01).

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 (21 in total) as listed in ANNEX 1.

Author: Leslie A. Taylor

ANNEX 1 – IWG-3 MEMBERS PRESENT

Last Name	First Name	Affiliation
Baruch	Steve	Leventhal, Senter & Lerman
Baum	Kim	ASTROLINK
Creeser	Giselle	Telecom Strategies
Doiron	Steven	Intelsat
Haines	Rob	NTIA
Hofer	Chris	Hughes Network Systems
Jansky	Don	Jansky/Barmat Telecom
Latker	Alex	consultant
LeClair	Roger	consultant to U.S. Army
McConnell	Kathryn	Department of State
Mitani	Brian	Intelsat
Mitchell	Mike	consultant
Nelson	Robert	FCC
Pattilo	David	DirectTV
Ramsay	Brian	LMCO
Rappoport	Eugene	Loral
Renshaw	Alan	SFA, Inc.
Rinker	Alan	Boeing
Roytblat	Alex	FCC/IB
Taylor	Leslie	Consultant to Boeing
Zoller	Julie	ITT Industries

ANNEX 2

11 DEC 2001 9:30am to noon
FCC 6th Floor South (6-B516)

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

IWG-3 Meeting #7

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 3 DEC 2001)
6. WAC goals/schedule
 - a. CITELE PCC III: 18-21 Feb 2002
 - b. WAC: 19 Dec 2001
7. Discussion of IWG-3 WRC-03 Agenda Items:
 - a. Status
 - b. Adopt/reject draft proposals
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/Steve Doiron	003
1.11	14-14.5 GHz AMSS	4.1	8D	Audrey Allison	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	Chris Hofer (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	Kim Baum	012

Upcoming meetings for IWG-3

Meeting #8: 12 February 2002, 1:00 PM – 3 PM, at the FCC 6th Floor South (6-B516).