



**WRC-12 Advisory Committee
INFORMAL WORKING GROUP 4 (IWG-4)
Regulatory Issues**

DRAFT MINUTES

Meeting: IWG-4 (16th Meeting)

Date/Time: Tuesday, May 4, 2010 10:00 AM -12:00 PM

Location: FCC, 445 12th St. SW, Room 5-B112/142

Committee Members Present: See attached.

Minutes Preparer: Chris Murphy

Meeting Summary:

1. Introductions/Appointment of Minutes Taker/Sign-In

The participants at the meeting site and on the telephone introduced themselves. The participant list can be found on the last page of this document. The meeting was open to the public and no attendees indicated that they were federal registered lobbyists. The meeting was briefly chaired by the Vice Chairman, Dr. Jose Albuquerque, until the arrival of the Chairman, Audrey Allison. The Designated Federal Official (DFO) was Mr. Alex Roytblat (IB).

2. Approval of Draft Agenda

Agenda was approved: Document IWG-4/60.

3. Approval of Draft Minutes of 15th Meeting (Doc. IWG-4/061)

The Minutes of the Fifteenth Meeting (Document IWG-4/61) were approved with no changes. Thanks were expressed to Don Jansky for taking the minutes as well as the concise form.

4. Update on U.S. WRC Preparations

Rob Haines (NTIA) explained that no proposals had been sent to FCC by NTIA since the last IWG-4 meeting. The meeting was reminded that at the last IWG-4 LiChing Sung (NTIA) stated that a proposal for Res. 950 had been introduced by NTIA.

Wayne Whyte (NASA) also stated that there was a reconciled proposal on AI 1.12 between NTIA and FCC.

The DFO indicated that the next meeting of the WAC would be on July 28, 2010. He also stated that an AI 8.1 proposal concerning IMT issues had been reconciled with the Executive Branch (fixes to footnotes) and that proposals on AI 7 (No. 11.41 and Res 49) are still pending.

The meeting was informed that the FCC and NTIA are planning an early June reconciliation meeting. NTIA indicated that there would be a regularly scheduled RCS meeting at the beginning of August (Thursday the 5th) but that there would not be sufficient time for NTIA to consider proposals from the July 28th WAC meeting.

Cecily Holiday (State) set the next CITELE PCC II preparatory meeting for Tuesday, June 1st at 10am at Wiltshire, Grannis (1200 18th St., Wash., D.C.) and confirmed that the PCC II meeting in Brazil is confirmed for the end of August. The second 2010 meeting of PCC II is also in the planning stages for Bogotá, Colombia at the end of November or the beginning of December.

5. Discussion of Any Recent Activities Affecting Regulatory Issues

The meeting identified ongoing regulatory work in preparatory meetings of U.S. WP 4A and 4C as well as upcoming meetings for 5A, 5B, 5C, and 7B. It was also noted that U.S. WP 1B was considering proposals for AI 1.2 and that there was a timeframe being developed for CPM text submissions.

6. Consideration of Industry Draft Proposals

Proposal on Agenda Item 8.1.2 (RR 23.13) (Doc. IWG-4/057r1)

It was noted that a proposal on 8.1.2 was introduced by Kim Baum (SES) at the previous meeting. Comments were received from various parties. The author noted that the proposal probably fits better under AI 7. In addition, the new version reflects in a more general way comments addressing a document from the Iranian delegation, although the substance has not changed. The Chairman stated that the document was consistent with long standing U.S. positions. The document was approved.

Proposal on Agenda Item 7 (Reduction of Coordination Arc) (Doc. IWG-4/58)

The author, Dr. Jose Albuquerque, stated that there was no update. SES indicated that they would prefer to wait for discussions in WP 4A in July before taking any action. The author requested that the proposal continue to be tabled. The meeting discussed the fact that it may be possible to have this proposal completed in time for the CITELE PCC II meeting in November.

Proposal on Agenda Item 1.2 (Doc. IWG-4/065)

The authors, Giselle Creaser (Lockheed Martin) and Kim Baum (SES), circulated the proposal earlier in the day. They introduced the document by explaining that it was similar to a previous WP-1B contribution, but that the two documents probably need

to be aligned with this draft. They explained that this may be a way to move forward on the agenda item as there has been no consensus in WP 1B on the Canadian or French proposals. The authors explained that their proposal is more in line with a Swedish proposal (i.e., turn Recommendation 34 into a Resolution) although it is clearer than the current CPM text.

The authors explained that their proposal was intended to be a clean start and was drafted as an effort to avoid the blurring of service allocations and focus on devices that can operate in more than one service band. The Chairman reminded the authors that they need to address what would happen to Recommendation 34 and Resolution 951.

Draft Proposal on Agenda Item 7 (Integrated MSS Systems) (Doc. IWG-4/028r3)

Tom Tycz (for SkyTerra) introduced a revised version of the proposal. The author stated that the current proposal was not as comprehensive as the November 2009 version, but that the purpose of the proposal is to create an interim set of procedures in a self-contained Resolution to include CGC in the MSS coordination process at the ITU. It would create an annex to the Resolution that an MSS administration could use to file in accordance with the proposed interim procedure. Where there is no coordination agreement administrations would need to submit CGC information for informational purposes only.

The meeting briefly discussed how the procedure would work and several participants made suggestions for refining the proposal. Chris Murphy (Inmarsat) expressed support for the general goals of the proposal, but stated Inmarsat's opposition to any proposals that would ultimately require extensive ITU-R studies and modification of the Radio Regulations to include CGC.

The DFO explained that at present there is no mobile allocation in the L-band and questioned how a system could operate mobile stations in this frequency band. Larry Reed (ASRC/NASA) stated that the issue had already arisen in the September 2009 meeting of WP 4A and that it was major reason why the document didn't go further. The document was tabled.

Proposal on Agenda Item 8.2 (Integrated MSS Systems) (Doc. IWG-4/062)

Damon Ladson (for SkyTerra) introduced a proposal for a future AI to address the CGC portion of integrated systems. The proposal would encourage studies in the ITU-R to incorporate the CGC into the ITU MSS coordination process and recommend using the current WP 4B and 4C definitions. The author stated that there are already studies underway. Amy Sanders (Lucent) suggested that the *invites* that calls for "sharing and compatibility studies" needs to be clear that it would call for studies of adjacent bands. The document was tabled.

Proposal on Agenda Item 4 (Rec. 206) (Doc. IWG-4/064)

Damon Ladson (for SkyTerra), introduced this proposal by explaining that it is intended to take the current Recommendation 206 and turn it into a Resolution to support the inclusion of CGC in the L-band coordination process. The author also

stated that this proposal is related to the interim notification procedure proposed by SkyTerra which would be in place until the WRC following WRC-12 when hopefully inclusion of CGC in the coordination process would have been made permanent. The document was tabled.

7. Consideration of Industry Draft Preliminary View

Draft Preliminary View on Agenda Item 1.2 (Doc. IWG-4/063) [Circulated as Doc. IWG-4/031rev.1]

Damon Ladson (for SkyTerra) introduced this draft Preliminary View (PV) and explained that it was intended to be a revision of the previously approved PV on 1.2. The author explained that currently it is difficult for emerging services to obtain WRC consideration given the length of time between conferences and that the United States may want to consider proposing a new mechanism, possibly through this AI, to accommodate faster consideration.

Don Jansky (Jansky/Barmat) and Jose Albuquerque (Intelsat) explained that WRCs have been able to accommodate new technologies and that it would be helpful to have specific examples of emerging technologies that have been denied. It was pointed out that the last WRC did consider the CGC proposal and was not convinced that it required the changes proposed at the time. Kim Baum (SES) commented that it was difficult to understand how the overall set of SkyTerra proposals fit together. Giselle Creeser (Lockheed Martin) also stated that the proposal was not clear. Chris Murphy (Inmarsat) stated that it was important to ensure that the proposal on this AI provides sufficient protection for licensed services and that it should not become a back door to submit proposals at the last minute.

The Chairman urged all interested parties to express their views on the frequency of conferences to the appropriate government agencies and shared the concerns of others that it was important to ensure that any proposal provide protection for licensed services.

John Gilsean (for TerreStar) pointed out that the core purposes of the SkyTerra PV seem to be similar to those of the proposal introduced earlier in the meeting by Lockheed Martin and SES (Doc. IWG-4/065).

The participants then discussed proposals that had been introduced close to the start of WRCs in the past and the relative merits of those efforts as well as the responsiveness of the ITU processes.

Finally, Jonathan Williams (NTIA) stated that Executive Branch would be revising its proposal on AI 1.2. Participants were also encouraged to provide comments to Giselle Creeser (Lockheed Martin) on the similar proposal in time for the U.S. 1B meeting the following week. The document was tabled.

8. Consideration of NTIA Draft Proposal

Proposal on Agenda Item 1.6 (Res. 950) (Doc. IWG-4/059)

Participants were reminded of last month's brief discussion. This item was tabled.

9. Consideration of Other Agenda Items (1.6, 2, 4, 8.1, 8.2)

Template for Agenda Item 4 – NTIA (Doc. IWG-4/032)

Not discussed.

10. Future Meeting(s)

Next meeting will be held on June 2, 2:00pm at the FCC.

11. Other Business

No other business was discussed.

IWG-4 PARTICIPANTS					
Name		Representing	Minutes 2010	Federally Registered Lobbyist? (Yes/No)	MTG 16 5- 4-10
Albuquerque	Jose	Intelsat	2/5/2010	no	yes
Allison	Audrey	Boeing		no	yes
Ather	Deba	SES			phone
Baum	Kim	SES	1/22/2010	no	yes
Carlisle	Jeff	SkyTerra		no	yes
Choi	David	Mitre			phone
Creeser	Giselle	Lockheed Martin			yes
Doiron	Steve	Hughes		no	phone
Gilsenan	John	Terrestar	*	no	yes
Haines	Rob	NTIA		no	phone
Hill	Joseph	FCC		no	yes
Hoff	Ellen	Pritchard		no	phone
Holiday	Cecily	State		no	phone
Jansky	Don	JanskyBarmat	4/13/2010	no	yes
Kotler	Scott	NTIA		no	yes
Ladson	Damon	Harris Wiltshire	*	no	yes
Maimo	Angela	Intelsat	*	no	yes
Martin	Kathyn	Access Partners	1/6/2010	no	phone
Mullinix	Michael	FCC		no	yes
Murphy	Chris	Inmarsat	*	no	yes
Najarian	Paul	State		no	phone
Reed	Larry	ASRC		no	phone
Rinker	Alan	Boeing	*		yes
Robinson	Rhys	Terrestar		no	phone
Roytblat	Alex	FCC		no	phone
Sanders	Amy	Alcatel Lucent		no	phone
Tycz	Thomas	Goldberg Godles	*	no	yes
Walsh	Tom	Consultant		no	phone
Whyte	Wayne	NASA		no	phone
Williams	Jonathan	NTIA		no	phone
Yang	Allen	FCC		no	yes