



INFORMAL WORKING GROUP 1 (IWG-1)
Maritime, Aeronautical & Radar Services
FCC WRC-12 Advisory Committee

Tuesday, January 22, 2013
10:00-12:00 p.m. EST

The Boeing Company
1200 Wilson Boulevard
Arlington, VA (Rosslyn Metro)

Teleconference Also provided

Draft Meeting Minutes

Meeting: IWG-1 (Fourth Meeting)

Date/Time: 22 January, 2013 10:00 A.M.

Location: The Boeing Company
1200 Wilson Boulevard
Arlington, VA
Also via Teleconference

Committee Members & Observers Present: see attached

Meeting Summary:

1. Introductions: The meeting was convened at 10:00 a.m. and attendees introduced themselves.

Appointment of Minutes Taker: The Chairperson asked for a volunteer to take the minutes of the meeting. All regular IWG-1 participants are expected to assist in minutes preparations during the course of the WRC cycle. Christopher Imlay, an observer representing Robert Bosch LLC, volunteered to take the minutes for the fourth meeting.

2. Approval of the Agenda (Doc. IWG-1/016r1): The Agenda was approved.
3. Approval of Minutes (Doc. IWG-1/015): The Minutes of the meeting of 19 December, prepared by Steven Ward, were approved with no updates noted.

4. Review of Recent Activities

The next WAC meeting is on March 7th. RCS meetings are scheduled for February 7 and March 12th. The CITELE meeting is expected to be in April. RCS expects that some further documents may be made available in time for IWG-1 consideration before the next WAC meeting.

5. Consideration of New Documents:

- a. Agenda Item 1.16 (Preliminary View) (Res. **360**) (New AIS Applications): The Chairperson circulated for information an edited, redlined CITELE Draft Preliminary View document from Canada which could serve as the basis for preparing a draft U.S. Preliminary View. It was decided not to negate anything said, but instead to provide further clarifications from the more recent events since the Mexico City meeting. There was progress in defining the system in the Tokyo workshop. RTCM will lead the preparation of a draft Preliminary View for consideration at the next IWG-1 meeting.
- b. Agenda Item 1.18: Vehicular Radars (Res **654**): The Preliminary View of the United States went to CITELE. Canada has a separate Draft Preliminary View. A subgroup coordinated by IWG-1 observer Ari Fitzgerald circulated for information redlined, edited text of the draft CPM text prepared by ITU-R Working Party 5B. The WP-5B document proposed a method to satisfy the Agenda Item by making a primary allocation to the radiolocation service on a worldwide basis limited to automotive applications between 77.5 GHz and 78 GHz. NSF indicated no concern with the edits as presented. The automotive industry was comfortable with the WP-5B document as originally presented and the edits offered were minor editorial edits.

A discussion ensued relative to protection of incumbent services at 77.5-78 GHz. Based on this discussion, ARRL volunteered to provide a Draft Preliminary View document for consideration by the next IWG-1 meeting. FCC noted concerns with this Agenda Item, urging revisiting of secondary services in the subject band. An intervention at WP-5B related to the protection of radioastronomy if the primary allocation is radiolocation, and the potential desirability of elevating radioastronomy and amateur to primary status as a consequential action.

6. Status of Allocated Agenda Items:

- a. Agenda Item 1.13: Proximity Operations by Space Vehicles (Res. **652**). Doc. IWG-1/006r1 – Draft Preliminary View (approved by

WAC). NASA may have an RCS proposal in February.

- b. Agenda Item 1.14: Continuous Reference Time-Scale (Res. **653**)
Doc. IWG-1/009 Draft Preliminary View (approved by the WAC). – It was noted that the U.S. Draft Preliminary View has been prepared as well as one from Canada.
- c. Agenda Item 1.15: On-Board Communications Stations (Res **358**)
There is no U.S. Draft Preliminary View. Canada has provided CITELE with a Draft Preliminary View.
- d. Agenda Item 1.17: Wireless Avionics (Res **423**) Doc. IWG-1/007r1
Draft Preliminary View (approved by the WAC). The U.S. has a Draft Preliminary View. The next step is a position.

7. Future Meetings

The next IWG-1 Meeting will occur 26 February, 2013 at a time and location to be determined, but will be posted when the meeting notice is publicly available. Proposals should be received several days before that meeting date.

8. Other Business

The Chairperson asked if there was any other business. Hearing none the meeting was then adjourned.

Documents Distributed:

- 1. Draft Agenda for 4th Meeting
- 2. Draft Minutes from Third Meeting
- 3. For Information Only: Draft Preliminary View from CITELE on 1.16: New AIS Applications (Res. **360**)
- 4. For Information Only: Edited Output document from ITU-R WP-5B on 1.18: Automotive Application for Radiolocation Service (Res **654**)

Author: Christopher D. Imlay, Robert Bosch LLC

IWG-1 PARTICIPANTS					
Name		Representing	Minutes	Status	Mtg 4 1/23/13
Allison	Audrey	Boeing		Member	✓
Baruch	Steve	Leventhal		Member	✓
Cornell	Diane	Inmarsat		Member	✓
Cramer	Joe	Boeing	9/20/2012	Member	✓
Dockemeyer	J. Robert	Delphi		Member	✓
Hutchison	Kris	ASRI	9/6/2012	Member	✓
Jansky	Don	JanskyBarmat		Member	✓
Kolb	Kim	Boeing		Member	✓
Ladson	Damon	Wiltshire Grannis		Member	✓
Murphy	Christopher	Inmarsat		Member	✓
Norsworthy	Ross	RTCM		Member	✓
Price	Brennan	ARRL		Member	✓
Tycz	Tom	Goldberg Godles		Member	✓
Feltman	Andy	Excelis		Observer	✓
Fitzgerald	Ari	Hogan Hovells		Observer	✓
Gergerly	Tom	NSF		Observer	✓
Greenhill	John	DOE		Observer	✓
Imlay	Chris	Bosch	1/23/2013	Observer	✓
Lemke	Mike	DISA		Observer	✓
Patten	Brian	State		Observer	✓
Selke	Dante	MBUSA		Observer	✓
Sham	Catherine	NASA		Observer	✓
Sung	LiChing	NTIA		Observer	✓
Tranavitch	Bill	Excelis		Observer	✓
Ward	Steve	MMI	12/19/2012	Observer	✓
Whyte	Wayne	NASA		Observer	✓
Williams	Jonathan	NTIA		Observer	✓
Ibarra	Dante	FCC		Representative	✓
Yang	Allen	FCC		Representative	✓
Roytblat	Alex	FCC		DFO	