



INFORMAL WORKING GROUP 1 (IWG-1)
Maritime, Aeronautical & Radar Services

Thursday, September 6, 2012
10:00-11:30 a.m.

The Boeing Company
1200 Wilson Boulevard
Arlington (Rosslyn), Virginia

Draft Meeting Minutes

Meeting: IWG-1(First Meeting)

Date/Time: 6 September 2012, 10 AM

Location: The Boeing Company, 1200 Wilson Boulevard, Arlington

Committee Members & Observers Present: see attached

Meeting Summary:

1. Introductions: The meeting was convened at 10:00 a.m. and attendees introduced themselves.
2. 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 year. The Vice-Chairman volunteered to take the minutes for the first meeting.
3. Approval of the Agenda (Doc. IWG-1/001r2): The Agenda was approved with a correction to the title.
4. Overview of WAC/IWG Operations:
 - a. There was a short discussion of the new operating procedures for the WAC and it was noted that government participants in this meeting were observers. The distinction between members and observers was also noted.
 - b. The Chairperson encouraged all interested parties to subscribe to the IWG-1 Mail List (<http://www.fcc.gov/encyclopedia/subscribe-iwg-1-maritime-aeronautical-and-radar-services-mailinglist>)

- c. The Chairperson reviewed the IWG-1 Terms of Reference (Doc. IWG-1/003) noting that the job of the IWG-1 is to develop preliminary views and proposals for WRC-15. It was also noted that the IWG will not be preparing CPM text.
 - d. The Chairperson noted the WAC Charter and referred meeting participants to the WAC website for further detail.
 - e. WRC-15 Preparatory timeline was discussed and the date for the next full WAC meeting scheduled for 1 October 2012 was noted. The meeting also discussed the schedule for RCS and IRAC meetings. An additional IWG-1 meeting should be scheduled prior to the next WAC meeting so to develop as many preliminary views as possible prior to CITEL PCC II later in October.
 - f. Guidelines for Presentation of Preliminary Views (PVs) and Proposals (IWG-1/004/005). The Chairperson reviewed the guidelines noting that they were available in documents previously emailed to all subscribed participants.
 - g. Documentation: All documents will be posted on the IWG-1 website. Documents should be sent to Allen Yang or Donna Christiansen at the FCC to be posted. (<http://www.fcc.gov/encyclopedia/iwg-1-maritime-aeronautical-and-radar-services>)
5. Discussion and possible contributions for WRC-15 Agenda Items assigned to IWG-1:

The meeting discussed each of the agenda items assigned to IWG-1 and took the following actions:

Agenda Item 1.13: Proximity Operations by Space Vehicles (Res.652). The meeting considered the Draft Preliminary View from NTIA (Doc. IWG-1/006). NASA presented the document and, after some discussion and editorial changes, the document was approved by IWG-1 for presentation to the WAC.

Agenda Item 1.14: Continuous Reference Time-Scale (Res. 653). The meeting discussed the need for a continuous reference time scale noting strong support from the RTCM observer and the ARRL member. All participants expressed agreement with this view. The NTIA representative informed the meeting that the RCS has just completed a Draft Preliminary View on this agenda item. The meeting decided to defer further consideration of this agenda item until the RCS PV is made available to IWG-1.

Agenda Item 1.15: On-Board Communications Stations (Res. 358). RTCM

indicated that this agenda item is not being promoted by the US and is based on a European proposal. The Chairperson noted that IWG-1 can still prepare a preliminary view on the agenda item. The meeting agreed to watch the item for now with the possibility of developing a PV later.

Agenda Item 1.16: New AIS Applications (Res. 360). RTCM indicated that it has a strong interest in this agenda item and has filed a petition with the FCC on the subject. The FCC is expected to act on the petition in the near future. The agenda item addresses the need to allocate additional data channels to support AIS applications. Today's rules do not permit data on channels designated for voice operations. RTCM, with assistance from Ari Fitzgerald, expressed interest in preparing a Draft Preliminary View on this agenda item.

Agenda Item 1.17: Wireless Avionics (Res. 423). Boeing presented Doc. IWG-1/007 containing a Draft Preliminary View. There was discussion on improving the language in the U.S. View. Boeing agreed to clarify the text using words from Resolution 423. The meeting approved the draft PV as orally revised. NTIA indicated that the RCS is also working on a Draft Preliminary View on Agenda Item 1.17 and will make it available to IWG-1 when it is complete.

Agenda Item 1.18: Automotive Application for Radiolocation Service (Res. 654). ARRL noted that the band proposed for this application is allocated on a primary basis to the Amateur and Amateur Satellite Service. Fitzgerald indicated that he is involved in an FCC proceeding on this issue and is working with the US auto industry to determine if they have an interest in this issue. This item is based on a European proposal. ARRL volunteered to prepare a draft Preliminary View on this agenda item.

Agenda Item 10: Future Conference Agenda Items. The meeting had no suggestions at this time for future conference agenda items.

6. Future Meetings:

The Chairperson discussed possible future meetings and it was decided that IWG-1 should have at least one more meeting prior to the 1 October 2012 WAC meeting. The next meeting of IWG-1 will be held on 20 September 2012 by teleconference at 9:30 a.m.

7. Other Business;

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

Documents Distributed:

- 1 Draft Agenda for 1st Meeting
- 2 Minutes Template
- 3 IWG-1 Terms of Reference
- 4 Document Format for WRC Preliminary Views
- 5 Document Format for WRC Proposals
- 6 Draft PV (1.13)
- 7 Draft PV (1.17)

Author: Kris Hutchison, Aviation Spectrum Resources, Inc. (Vice Chairman, IWG-1)

IWG-1 PARTICIPANTS					
Name		Representing	Minutes	Status	Mtg 1 9/6/12
Yang	Allen	FCC		Representative	✓
Allison	Audrey	Boeing		Member	✓
Cramer	Joe	Boeing		Member	✓
Hutchison	Kris	ASRI	9/6/2012	Member	✓
Jansky	Don	Jansky Barmat		Member	✓
Kolb	Kim	Boeing		Member	✓
Nelsen	John	SES		Member	✓
Price	Brennan	ARRL		Member	✓
Tycz	Tom	Goldberg Godles		Member	✓
Epshtyen	Alex	NASA		Observer	✓
Greenhill	John	DOE		Observer	✓
Fitzgerald	Ari	Hogan Hovels		Observer	✓
Hayden	Tom	Telecom Strategies		Observer	✓
Jacobs	Ed	NASA		Observer	✓
Kerczewski	Robert	NASA		Observer	✓
Leck	Bob	NWS		Observer	✓
Nasser	Rafaat	FAA		Observer	✓
Norsworthy	Ross	RTCM		Observer	✓
Petruski	Bob	NASA		Observer	✓
Sham	Catherine	NASA		Observer	✓
Sung	LiChing	NTIA		Observer	✓
Tranavitch	Bill	DoD		Observer	✓
Von Deak	Tom	NASA		Observer	✓
Ibarra	Dante	FCC		Representative	✓
Roytblat	Alex	FCC		DFO	✓