



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

Meeting Minutes

Meeting: IWG-1 (Sixth Meeting)

Date/Time: 4 June 2013, 0900 EST

Location: Teleconference

Committee Members & Observers Present: see attached

Meeting Summary:

1. Introductions.

The meeting was convened at 0900 EST 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. Andrew Roy, a member representing the Aviation Spectrum Resources Inc., volunteered to take the minutes for the sixth meeting.

2. Approval of the Agenda (Doc. IWG-1/023)

The Agenda was approved.

3. Approval of Minutes (Doc. IWG-1/022)

The Minutes of the fifth IWG-1 meeting of 26 February 2013, prepared by Brennan Price, were approved.

4. Review of Recent Activities.

The chairman noted that 3 meetings had occurred since the last IWG-1 meetings:

- a. CITEL PCC.II – Cali, Columbia - 08-12 April, 2013

A number of preliminary views were discussed and approved on the relevant Agenda Items under the purview of IWG-1. Respective updates are provided in Section 6. The next meeting is currently proposed for November 2013 in Washington DC, USA. However, this location has yet to be confirmed.

b. ITU-R Working Party 5B – Geneva, Switzerland – 20-31 May, 2013

The US had a successful meeting and progressed in all the agenda items relevant to IWG-1 (respective updates provided in Section 6). The next WP-5B meeting is confirmed for Geneva, Switzerland (18-29 November, 2013)

c. ITU-R Working Party 7B – Geneva, Switzerland – 08-12- April, 2013

An update on the progress of Agenda Item 1.13 was provided (see Section 6). The next meeting is confirmed for Geneva, Switzerland (11-17 September, 2013).

5. Consideration of New Documents.

No new documents were presented to the meeting

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).

- The WAC approved US proposal went to CITELE, but could not resolve the 5km separation issue, and has therefore not yet received full support. An existing Preliminary View from US/Can/Bra is also still at CITELE.
- After significant work at WP-7B, the requirements document was approved and there was also good progress in removing the 5 km separation requirement.

b. Agenda Item 1.14: Continuous Reference Time-Scale (Res. 653) – Doc. IWG-1/009 Draft Preliminary View (approved by the WAC).

- A Canadian proposal, supported by Brazil, was received at CITELE and is opposite to the US preliminary View.

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.
- At WP-5B, US input was well received and incorporated into the ongoing work.

d. Agenda Item 1.16: New AIS Applications (Res 360) – The WAC approved a Draft Preliminary View at its last meeting.

- There is no RCS Draft Preliminary View.
- At CITELE, Canada was unable to agree with the US PV. However, the participants were hopeful for the next meeting to produce an output document.

- Significant progress was made at WP-5B progressing the report, and IMO have been requested to provide additional material to support the work.
- *Note: There may be additional information at the next IWG-1 meeting to consider new applications.*

e. 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, supported by Canada and Brazil.
- WP-5B is progressing through several sharing studies for further development, with the related recommendation for radio altimeter protection criteria approved as a draft new recommendation.

f. Agenda Item 1.18: Vehicular Radars (Res 654) – Doc. IWG-1/011: Draft Preliminary View (approved by WAC).

- The WAC has approved a US Draft Preliminary View. In CITELE, US, Canada and Brazil had a common Preliminary View.
- The CPM text was progressed at WP-5B, but 2 separate methods are being proposed, Method A by the US specifies the proposed RLS for automotive use, while method B from Sweden leaves the proposed allocation as a generic RLS. It is understood that the generic allocation may also be used for runway obstacle avoidance and aeronautical use. The meeting discussed options for a draft US proposal to specify automotive use only.
- *Note: The author of draft US proposal (Document IWG-1/021) states that it is still incomplete and should remain tabled for now.*

g. Agenda Item 10: Future Conference Agenda Items

- No items were discussed, though the FCC noted that a formal decision on delaying the WRC from 2015 to 2016 had still not been taken. An ITU council meeting on 11 Jun 13 would be discussing the issue.

7. Future Meetings

The next IWG-1 Meeting will occur 13 August, 2013, via teleconference, at 9 a.m.

8. Other Business

The meeting discussed which proposals could be reviewed and accepted by IWG-1. The FCC stated that the IWGs can only discuss recommendations related to their respective Agenda Items. However, future agenda items for any area can be considered by any IWG.

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

Author: Andrew Roy, Aviation Spectrum Resources, Inc.

IWG-1 PARTICIPANTS					
Name		Representing	Minutes	Status	Mtg 6 06/04/13
Cornell	Diane	Inmarsat		Member	✓
Cramer	Joe	Boeing	9/20/2012	Member	✓
Hutchison	Kris	ASRI	9/6/2012	Member	✓
Jansky	Don	JanskyBarmat		Member	✓
Kolb	Kim	Boeing		Member	✓
Markle	Bob	RTCM		Member	✓
Roy	Andrew	ASRI	4/06/13	Member	✓
Fagan	Tom	Raytheon		Observer	✓
Feldhake	Glenn	NASA		Observer	✓
Feltman	Andy	Excelis		Observer	✓
Gergerly	Tom	NSF		Observer	✓
Hayden	Tom	Telecom Strategies		Observer	✓
Jacobs	Ed	NASA		Observer	✓
Lemke	Mike	DISA		Observer	✓
Patten	Brian	State		Observer	✓
Sham	Catherine	NASA		Observer	✓
Ward	Steve	MMI	12/19/2012	Observer	✓
Whyte	Wayne	NASA		Observer	✓
Williams	Jonathan	NTIA		Observer	✓
Ibarra	Dante	FCC		Representative	✓
Flores	Carlos	FCC		Representative	✓
Mullinix	Michael	FCC		Representative	✓
Roytblat	Alex	FCC		DFO	✓