



International Civil Aviation Organization

**Fourteenth Meeting of the APANPIRG
ATM/AIS/SAR Sub-Group (ATS/AIS/SAR/SG/14)**

Bangkok, Thailand, 28 June – 2 July 2004

Agenda Item 3: Review and Progress the Tasks Assigned to the ATM/AIS/SAR/SG by APANPIRG

AIS IMPLEMENTATION IN ASIA AND PACIFIC REGION

(Presented by the Secretariat)

SUMMARY

This working paper reviews the Decision/Conclusion made by APANPIRG/14 together with the update on SARPs. The meeting is invited to note that the AIS implementation Task Force will be reactivated to facilitate the implementation of AIS in accordance with Annex 15.

1. INTRODUCTION

1.1 Since ATS/AIS/SAR/SG/13, some important amendments are being made to Annexes 4 and 15. The amendment to Annex 15 is Amendment 33, which includes new provisions concerning definitions, the vertical reference system and the temporal reference system for international civil aviation, electronic terrain and obstacle data and aeronautical data quality requirements.

1.2 Amendment 33 to Annex 15 will introduce also new requirements to include GNSS-related elements in the Aeronautical Information Publication (AIP) and in NOTAM.

1.3 25 November 2004 will be the applicability date of all parts of Amendment 33 to Annex 15, except for those elements concerning the provision of electronic terrain and obstacle data, which are applicable in November 2008 and 2010.

1.4 Amendment 53 to Annex 4 –*Aeronautical Charts* will introduce changes concerning: the new definitions; common reference system and the introduction of a new Radar Minimum Altitude Chart.

1.5 The common applicability date of 25 November 2004 applies to Amendment 53 to Annex 4.

2. DISCUSSION

AIS Implementation Task Force

2.1 APANPIRG/14 noted that, in considering the future of the AIS Automation Task Force, it had been agreed that it should be reactivated and renamed as the AIS Implementation Task Force (AITF) to ensure that AIS matters were continued to be progressed. However, it was unlikely that the first meeting of the Task Force would be held until the second quarter of 2004 or later due to staff and resource constraints of the ICAO Asia/Pacific Regional Office.

2.2 APANPIRG/14 formed the following Decision and developed draft Terms of Reference for the Task Force as reproduced in the **Appendix** to this Working Paper.

Decision 14/8 – Reactivation and renaming of the AIS Automation Task Force

That, the AIS Automation Task Force be reactivated and renamed the AIS Implementation Task Force (AITF) to study AIS automation and related matters, and assist States to implement ICAO SARPs on AIS in an expeditious manner. Amended terms of reference are provided in **Appendix E** to the report on Agenda Item 2.1.

2.3 The First Meeting of the Task Force is scheduled on 22-26 November 2004.

Importance of Timely and Accurate AIS Data

2.4 IATA had advised APANPIRG/14 that implementation of major changes on dates other than the published AIRAC cycles and with insufficient lead-time to implement a change is a significant safety problem. Further, APANPIRG/14 noted IATA’s concern that the extent of such non-compliance is alarming, with a few States routinely not carrying out their obligations under Annex 15.

2.5 Considering IATA’s comments and those made by the AIS Seminar held at the Regional Office on 17-20 December 2002, APANPIRG/14 developed the following Conclusion:

Conclusion 14/9 – AIRAC provisions

That, ICAO be requested to again reinforce to States the critical safety nature of AIS and adherence to Annex 15 provisions, particular those relating to AIRAC, as well as the need to ensuring accurate and timely publication of AIS data.

2.6 This matter should be considered by the AIS Implementation Task Force (AITF) for study.

3. ACION BY THE MEETING

3.1 The meeting is invited to:

- a) note the contents of this paper;
- b) note that the AIS Automation Task Force was reactivated and its name changed to the AIS Implementation Task Force (AITF), with attached draft Terms of Reference; and
- c) refer the study of dissemination of AIRAC information/data to AITF.

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Terms of Reference of the AIS Implementation Task Force (AITEF)

The objectives of the Task Force are to:

- a) study means of aeronautical data management by civil aviation authorities and/or ATS providers in other regions including the aeronautical information exchange model (AIXM) and the electronic AIP (eAIP), and consider the feasibility in making use of these methods/models in the Asia/Pacific Region;
- b) examine the means of aeronautical data exchange used in other regions and application in the Asia/Pacific Region;
- c) based on 1), develop guidance material for operation of data management systems;
- d) assist States to implement Quality Systems for aeronautical information in an expeditious manner;
- e) develop training material and conduct workshops on the *Guidance Manual for AIS in the Asia/Pacific Region*;
- f) develop guidance material for Static Data Procedures and the AIS Automation Plan
- g) review and update the Guidance Manual taking into account amendments to ICAO SARPs, guidance material; and
- h) monitor and review technical and operating developments in the AIS field especially in the area of automation and database management.

To achieve the above objectives, the Task Force shall consider:

- a) results of the ICAO Aeronautical Data Model Study Group (ADMSG);
- b) results of the AIS/MAP Study Group;
- c) amendments to Annex 4, Annex 5, the AIS Manual (Doc 8126), and the Aeronautical Chart Manual (Doc 8697);
- d) revisions to the EUROCONTROL *Operating Procedures for AIS Dynamic Data* (OPADD).

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