



International Civil Aviation Organization

ICAO

Seventeenth Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/17)

Video Teleconference, 20 – 24 June 2022

Agenda Item 6: Regional AIM Guidance and Planning

UPDATE ON ICAO AIS/AIM GUIDANCE DOCUMENTS

(Presented by the Secretariat)

SUMMARY

This paper presents an update on the status of ICAO Doc 8126 – *AIS Manual* and considerations for updating regional AIS/AIM guidance documents.

1. INTRODUCTION

1.1 The work on the updated version of ICAO Doc 8126 by the Aeronautical Information Management Working Group of the ICAO Information Management Panel (IMP AIM WG), has been completed, and the document is now available through the ICAO Secure Portal.

1.2 ICAO Docs 9839 – *AIM Quality Manual* and 9991 – *AIM Training Manual* are not yet available.

2. DISCUSSION

Doc 8126 – AIS Manual

2.1 AAITF participants may recall that the updated AIM Manual had been a work in progress for several years, and was been eagerly awaited by the APAC AIS/AIM community.

2.2 AAITF/16 was informed that the AIM Manual Seventh Edition, 2021, was available through the ICAO Secure Portal, subject to the following disclaimer:

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2.3 The final, edited version of the manual, the Seventh Edition, 2022, is now available through the ICAO Secure Portal.

2.4 The document is restructured into three current Parts:

- Part I Regulatory Framework for Aeronautical Information Services
- Part II Processing Aeronautical Data
- Part III Aeronautical Information in a Standardized Presentation and Related Services

2.5 Part IV – *Digital Aeronautical Information Products and Related Services* - remains under development. The Foreword and Table of Contents of Doc 8126 are provided in **Attachment A**.

Review of Regional AIS/AIM Guidance Material

2.6 The meeting is invited to recall that AAITF/16 WP/10 proposed that, with the availability of the updated AIS Manual, AAITF should initiate a review of the following APAC regional guidance material currently published on the Regional Office eDocuments web-page (<https://www.icao.int/APAC/Pages/eDocs.aspx>), with a view to alignment where relevant with the global guidance, removal of redundant or duplicated information, and consolidation of:

- *Guidance Manual for AIS in the Asia/Pacific Region;*
- *Asia/Pacific Plan for Collaborative AIM;* and
- *Guidance on the issuance of SNOWTAM.*

2.7 Action Item 16/3 was subsequently recorded in the AAITF Task List, with initial interest in participation expressed by China and India. Other APAC Administrations wishing to be available for this activity are invited to inform the Secretariat.

2.8 However, it should be noted that the current regional guidance documents include considerable information on AIS quality management and AIS training. The abovementioned review of and consolidation of regional guidance documents is therefore dependent on the availability of Docs 9839 and 9991.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) note that the review of regional AIS/AIM guidance material is dependent on the availability of Docs 9839 and 9991; and
- c) discuss any relevant matters as appropriate.

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Doc 8126

Aeronautical Information Services Manual

Seventh Edition, 2022



Approved by and published under the authority of the Secretary General

INTERNATIONAL CIVIL AVIATION ORGANIZATION



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FOREWORD

The continuous growth of aviation has increased the demands on airspace capacity and efficiency in the services provisions, therefore emphasizing the need for greater equity in airspace access, improved access to timely and meaningful information for decision support and more autonomy in decision making.

An important step toward this goal and toward an integrated, responsive global air traffic management (ATM) system, relies on the migration of paper-based, product-centred aeronautical information services (AIS) to data-centric and digital aeronautical information management (AIM). To facilitate this transition, Annex 15 — *Aeronautical Information Services* provisions were restructured and amended to clarify the scope, role, main functions, products and services of AIM and the associated update mechanisms.

The 16th edition of Annex 15 contains high-level requirements and performance specifications for States. These requirements are organized such that data collection is decoupled from the definition of aeronautical products and will facilitate the modernization of the ATM environment according to the principles of system wide information management (SWIM).

The *Procedures for Air Navigation Services — Aeronautical Information Management* (PANS-AIM, Doc 10066) contains operating practices that are too detailed for inclusion in the Standards and Recommended Practices (SARPs) of Annex 15. The PANS-AIM provides a means for increased harmonization within the aeronautical information domain and accommodates emerging technical requirements.

This manual has been revised to provide guidance for the successful implementation of AIM. It explains the provisions contained in Annex 15 and PANS-AIM, provides background information on certain specifications, helps illustrate their meaning and exemplifies means by which these specifications can be met.

Structure of the manual

This manual is divided into four parts and its objective is to continue to provide guidance not only on legacy AIS processes, but also on new AIM practices, and to accommodate future developments within the context of SWIM. The target audience of this manual comprises AIS operational personnel, management bodies and regulatory authorities. The four parts are described below:

- a) Part I — *Regulatory Framework for Aeronautical Information Services* explains AIS responsibilities and functions and provides guidance for the organizational development of AIS including the transition to AIM;
- b) Part II — *Processing Aeronautical Data* provides guidance for processing aeronautical data and aeronautical information while considering the operational provisions for the management of aeronautical information in a data-centric environment;
- c) Part III — *Aeronautical Information in a Standardized Presentation and Related Services* provides guidance for aeronautical information to be distributed in a standardized presentation; and
- d) Part IV — *Digital Aeronautical Information Products and Related Services* provides guidance for the distribution of digital products and services (under development).

Future developments

Comments on this manual are appreciated from all parties involved in the development and implementation of AIM processes and procedures, and should be addressed to:

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CONTENTS

	<i>Page</i>
Glossary	(ix)
 PART I. REGULATORY FRAMEWORK FOR AERONAUTICAL INFORMATION SERVICES	
Chapter 1. Introduction	I-1-1
Chapter 2. States responsibilities and functions	I-2-1
Chapter 3. Aeronautical information service provider responsibilities and functions	I-3-1
Chapter 4. Aeronautical data originators' responsibilities	I-4-1
Chapter 5. Aeronautical information management	I-5-1
 Appendix A. Aeronautical information services competency framework	I-App A-1
Appendix B. Annex 15 compliance checklist	I-App B-1
Appendix C. PANS-AIM compliance checklist	I-App C-1
 PART II. PROCESSING AERONAUTICAL DATA	
Chapter 1. Introduction	II-1-1
Chapter 2. Scope of aeronautical data and general requirements	II-2-1
Chapter 3. Collection	II-3-1
Chapter 4. Processing	II-4-1
Chapter 5. Distribution	II-5-1
Chapter 6. Quality assurance and quality control	II-6-1
Chapter 7. Automation.....	II-7-1
 Appendix A. Data provision agreement	II-App A-1
Attachment A. Aeronautical data and aeronautical information to be provided	II-Att A-1
Attachment B. Timeliness requirements	II-Att B-1
Attachment C. Metadata requirements	II-Att C-1
Attachment D. Data distribution	II-Att D-1
Attachment E. Data exchange format	II-Att E-1
 PART III. AERONAUTICAL INFORMATION IN A STANDARDIZED PRESENTATION AND RELATED SERVICES	
Chapter 1. Introduction	III-1-1
Chapter 2. Aeronautical Information Publication.....	III-2-1
Chapter 3. Aeronautical Information Updates.....	III-3-1
Chapter 4. Aeronautical Information Circulars	III-4-1
Chapter 5. Provision of Aeronautical information products in standardized presentation	III-5-1
Chapter 6. NOTAM.....	III-6-1

	<i>Page</i>
Chapter 7. SNOWTAM.....	III-7-1
Chapter 8. ASHTAM.....	III-8-1
Chapter 9. Instructions for the distribution of NOTAM messages.....	III-9-1
Chapter 10. Pre-flight information services.....	III-10-1
Chapter 11. Post-flight information services.....	III-11-1
Appendix A. Explanatory notes on the specimen Aeronautical Information Publication.....	III-App A-1
Appendix B. Aeronautical Information Publication.....	III-App B-1
Appendix C. Use of automation in the compilation, processing and distribution of NOTAM.....	III-App C-1
Appendix D. Common aeronautical information services query procedures for self-briefing by end-users.....	III-App D-1
Appendix E. Common query messages for the interrogation of other aeronautical information services databases.....	III-App E-1
Appendix F. Use of NOTAM Code and abbreviations.....	III-App F-1
Appendix G. NOTAM selection criteria.....	III-App G-1
Appendix H. Guidance on the use of the aeronautical fixed service.....	III-App H-1
Appendix I. Example briefing forms.....	III-App I-1
PART IV. DIGITAL AERONAUTICAL INFORMATION PRODUCTS AND RELATED SERVICES.....	IV-1-1