



ICAO

*International Civil Aviation Organization*

**Eighteenth Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/18)**

Bangkok, Thailand, 19 – 23 June 2023

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## **Agenda Item 2: Review Outcomes of Related Meetings**

### **RELATED MEETINGS OUTCOMES**

(Presented by the Secretariat)

#### **SUMMARY**

This paper presents a summary of outcomes of meetings relevant to the work of AAITF.

## **1. INTRODUCTION**

1.1 The Tenth Meeting of the Air Traffic Management Sub-Group of APANPIRG (ATM/SG/10) was held by video teleconference from 17 to 21 October 2022

1.2 The Thirty-Third Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/33) was held in Bali, Indonesia, from 22 to 24 November.

1.3 The Twelfth Meeting of the Aeronautical Information Working Group of the Information Management Panel (IMP/WG-A/12) was held in Montreal, Canada, from 31 October to 04 November 2022.

1.4 The Sixth and Seventh Meetings of the 221<sup>st</sup> Session of the ICAO Air Navigation commission was held on 29 and 30 November 2022.

## **2. DISCUSSION**

### ATM/SG/10

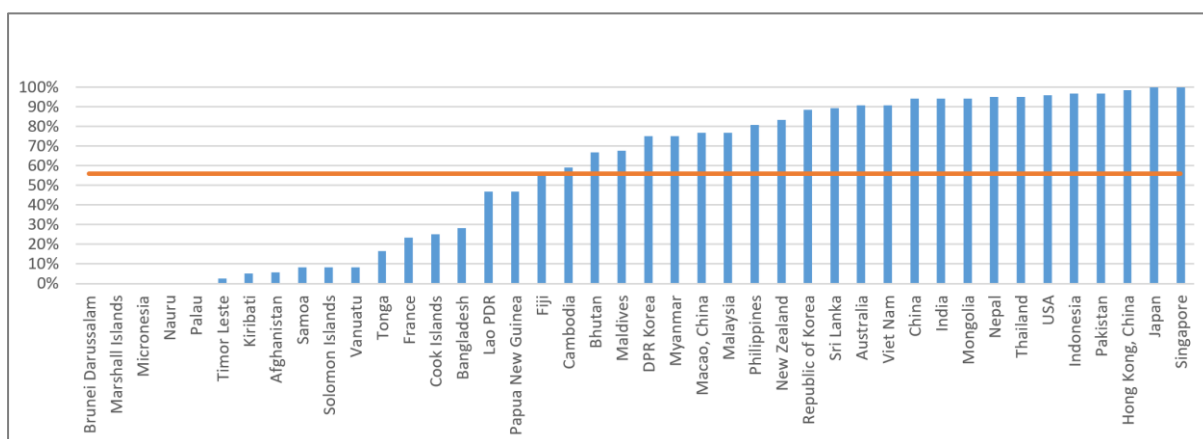
2.1 Outcomes from the 17<sup>th</sup> Meeting of the ICAO AIS – AIM Implementation Task Force (AAITF/16, 20 to 23 June 2022) were provided to the meeting.

2.2 AAITF/17 had reviewed APANPIRG Air Navigation Deficiencies in the AIS/AIM field. No changes to the Deficiencies List approved by APANPIRG/32 had been identified. 10 APAC States had Deficiencies recorded for non-implementation of World Geodetic System 1984 (WGS-84), two for non-implementation of AIP Format, and 20 for non-implementation of AIS Quality Management System (QMS).

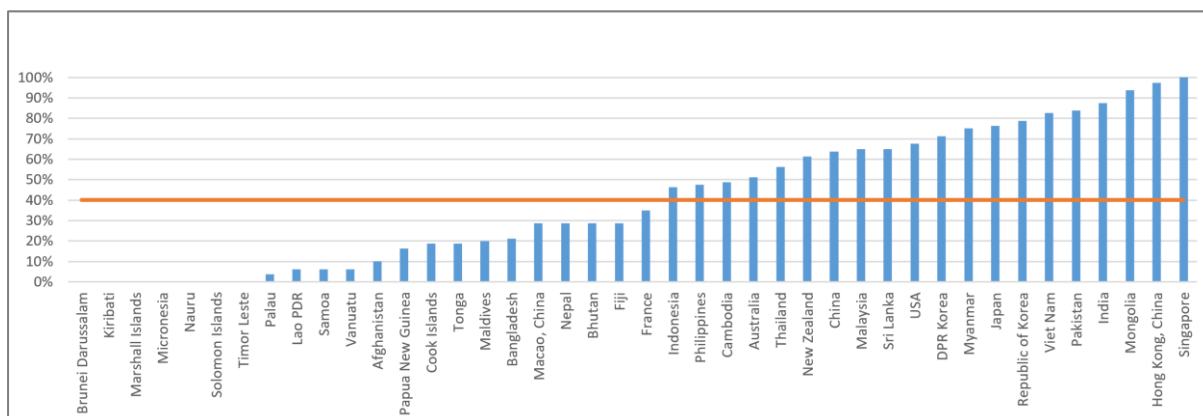
2.3 The meeting was again reminded of the ongoing, deep concern about poor quality management of aeronautical information in the APAC Region, and the apparent lack of organizational priority for this safety-critical obligation of all States. The criteria used by the Regional Office to determine whether an AIS QMS-related Deficiency may be recommended for deletion were provided in **ATM/SG/10 WP/44 Attachment 1**.

2.4 An update was provided on the status of implementation of the performance expectations of the *APAC Regional Plan for Collaborative AIM*, which were expected to be implemented in three phases: Phase I (immediately), Phase II (07 November 2019) and Phase III, (27 November 2025).

2.5 Japan and Singapore had reported implementation of all Phase I elements. Only Singapore reported implementation of all Phase II elements. **Figures 1 and 2** illustrated overall regional implementation of Phases I and II, which was unchanged from the implementation reported to ATM/SG/9 in 2021.



**Figure 1:** Regional Phase I Implementation Progress (updated 29 September 2022)



**Figure 2:** Regional Phase II Implementation Progress (updated 29 September 2022)

2.6 The meeting was invited to note there had been effectively zero regional progress in AIS/AIM implementation in the last year, and very little progress for several years.

2.7 The 2023 regional implementation status update is provided in **AAITF/18 WP/4**.

*WGS-84 Data Revalidation*

2.8 Following discussion of the outcomes from the Workshop on WGS-84 and Data Accuracy (AAITF/17 Agenda Item 2), AAITF/17 had discussed the reasons that data revalidation was necessary, and recommended that data be revalidated every five years, after a major natural event, or following construction of critical airport elements.

2.9 Noting that Annex 11 Appendix 7 required the State to ensure that maintenance and periodic review of instrument flight procedures for aerodromes and airspace under the authority of the State were conducted, and that State must establish an interval for periodic review of instrument flight procedures not exceeding five years, AAITF/17 had drafted the following Conclusion which was subsequently agreed by the meeting:

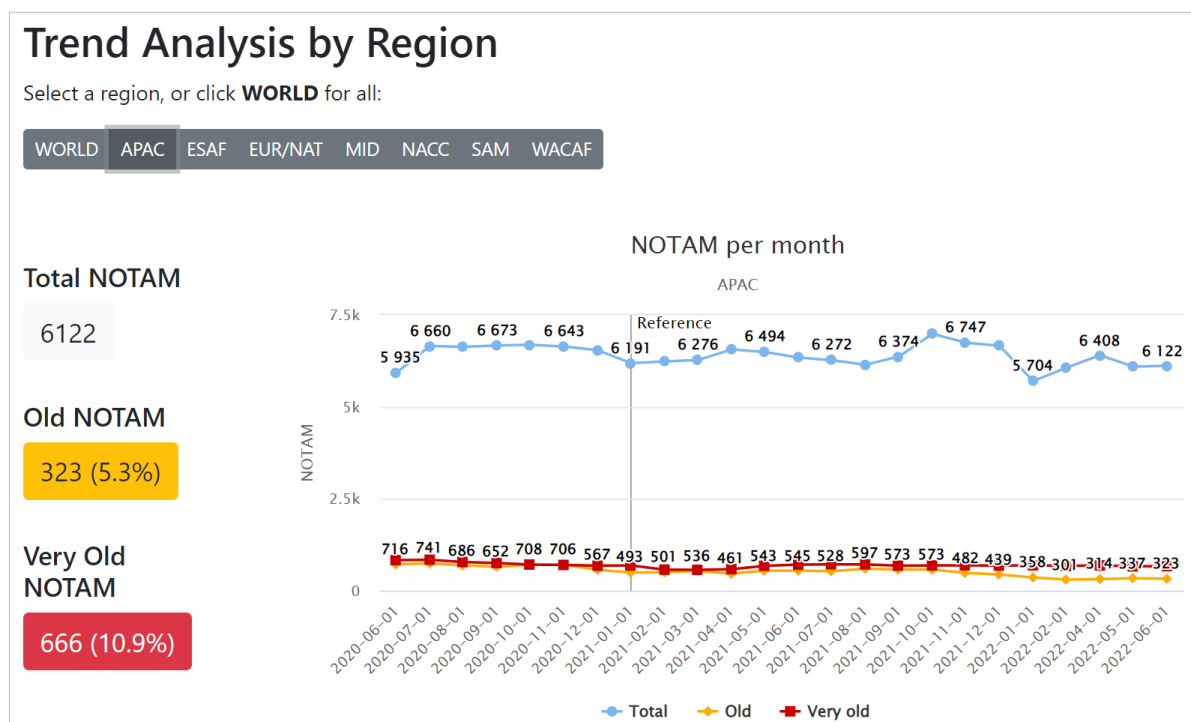
**Conclusion ATM/SG/10-9: Revalidation of Coordinate Data**

That, noting the factors that cause WGS-84 coordinate data to change over time, States are urged to ensure that all surveyed and calculated coordinate data published in AIP or used in Instrument Flight Procedure design is revalidated:

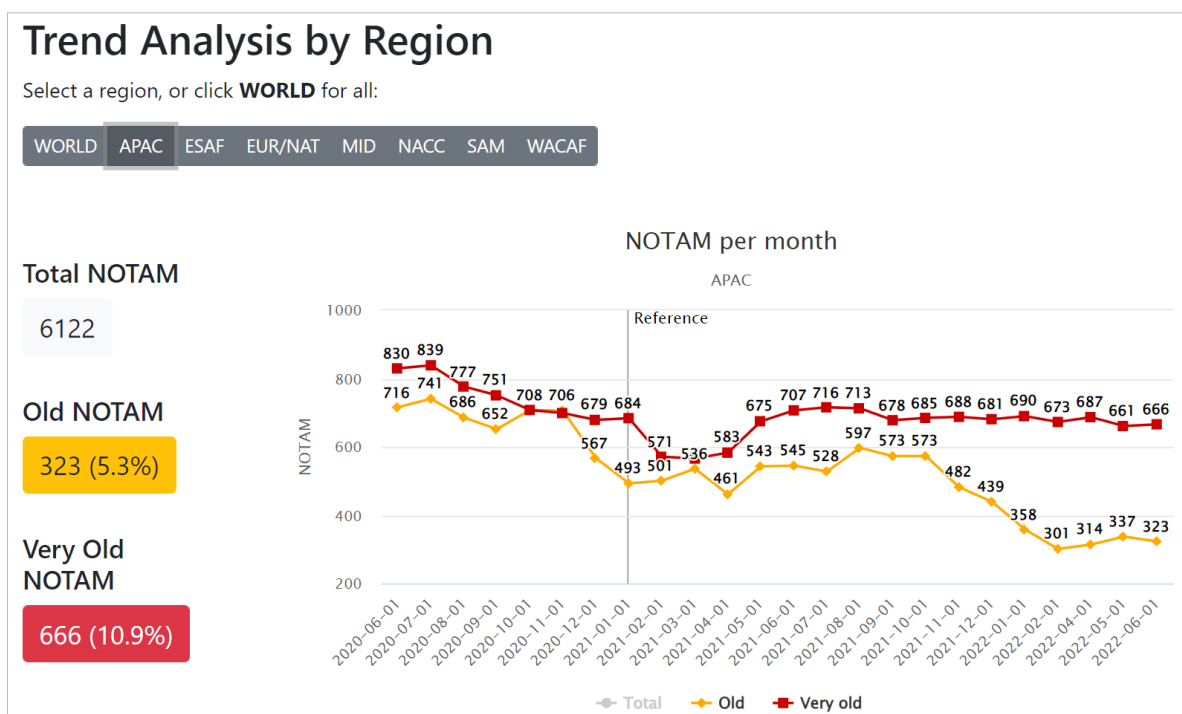
1. each five years; or
  2. after a major natural event such as an earthquake or volcanic eruption; or
  3. following construction of critical airport elements,
- whichever is the sooner, by ground survey, or Light Detection and Ranging (LIDAR) survey, or imagery collection.

2.10 IATA recommended that revalidation of coordinate data should be undertaken as soon as possible in any case where a major natural event or construction of critical airport elements had occurred since the last validation activity.

2.11 IFAIMA had conducted the annual analysis of NOTAMs for AAITF/17, supporting the drive to reduce NOTAM proliferation. **Figures 3 and 4** illustrated APAC NOTAM statistics since June 2020. At 01 June 2022, a total of 6122 NOTAMs were active in the APAC Region. 323 (5.3%) of these were *old* (i.e. more than three months but less than one year), and 666 (10.9%) were *very old* (one year or more).



**Figure 3: APAC NOTAM Statistics (Total, old and very old)**



**Figure 4:** APAC NOTAM Statistics (old and very old)

2.12 The 2023 regional NOTAM proliferation analysis if provided in **AAITF/18 WP/6**.

*Asia/Pacific Region ICARD Status and 5LNC Duplicate Resolution*

2.13 ICAO provided an update on the use of the ICAO International Codes and Route Designators (ICARD) application in the APAC Region and the resolution status of 5-letter name code (5LNC) duplicates.

2.14 The ICAO International Codes and Route Designators (ICARD) application was the sole repository of 5-letter name codes marking significant points that ensured global uniqueness, and was the only means by which the requirements of Annex 11 Appendix 2 paragraph 3.5 may be met.

2.15 The Regional Office had presented a State 5LNC status report for each Administration to the AAITF/15 meeting in 2020. The status reports were again presented to AAITF/16 in 2021 and AAITF/17 in 2022 (**ATM/SG/10 WP/44 Attachment 3**). APAC Administrations had been requested at AAITF/15 and AAITF/16 to review and maintain their status reports, and send an update to the ICAO Regional Office at least once per year. Very few reports had been received. Accordingly, AAITF/17 drafted the following Conclusion agreed by the meeting:

**Conclusion ATM/SG/10-10: State Reports of 5LNC Status**

*That, States are urged to provide an annual update on the status of duplicated 5LNCs in ATM/SG/10 WP/44 Attachment 3 to the ICAO APAC Regional Office by not later than 28 February each year.*

*Regional Guidance Document – Postponement of Aeronautical Information Distributed under AIRAC*

2.16 The final Draft of the *Asia/Pacific Regional Guidance for Postponement of Changes to Aeronautical Information*, developed by the AAITF Small Working Group (SWG, Rapporteur Singapore) had been presented to AAITF/17 for discussion and agreement by the meeting. AAITF/17 drafted the following Conclusion which was subsequently agreed by the meeting:

***Conclusion ATM/SG/10-11: Regional Guidance for Postponement of Changes to Aeronautical Information***

*That, the Asia/Pacific Regional Guidance for Postponement of Changes to Aeronautical Information at **Appendix G to the Report** be adopted, and uploaded to the Asia/Pacific Regional Office website.*

**NEW:** AOP/SG Matters Reported to ATM/SG/10

2.17 ATM/SG/10 was informed that the Sixth Meeting of the Aerodromes Operations and Planning Sub-Group of APANPIRG (AOP/SG/6, 27 to 30 June 2022) had noted there were several States/Administrations that had yet to publish the status of certification of aerodromes in their AIP (section AD 1.5.). The assistance of ATM/SG was requested in encouraging the States concerned to comply with the requirements for publication of aerodrome certification status. Consequently, ATM/SG/10 recorded the Action Item 10/6 (**Figure 5**):

ACTION ITEM & PRIORITY	DESCRIPTION	TARGET DATE	RESPONSIBLE PARTY	STATUS	REMARKS
<b>10/6</b>	Assist AOP/SG in encouraging States to comply with requirements for publication of aerodrome certification status in AIP	AAITF/18	ICAO, AAITF	Open	ATM/SG/10 report 7.3

**Figure 5:** ATM/SG/10 Action Item 10/6

2.18 This action item will be recorded in the AAITF Task List. All Administrations are urged to ensure that requirements for publication of aerodrome certification status in AIP are included in formal arrangements between the AIS and aerodrome operators, and that the information in AIP is updated as necessary.

2.19 ATM/SG/10 was also informed that AOP/SG/6 had endorsed ***Draft Conclusion AAITF/17-3: Revalidation of Coordinate Data***, which was subsequently agreed by ATM/SG/10 in ***Conclusion ATM/SG/10-9***, referenced in paragraph 2.9 of this WP.

APANPIRG/33

2.20 In addition to being informed of the AAITF/17 outcomes as reported to ATM/SG/10, APANPIRG/33 agreed to the ATM and Airspace Safety Deficiencies List, including the following changes:

- a) SAR capability – deletion for Fiji; new for Tuvalu;
- b) WGS-84 not implemented - deletion for Bangladesh;
- c) Non-Provision of Safety-related Data – new for Brunei Darussalam.

2.21 Current Deficiencies in the AIS field are provided for review of AAITF in **AAITF/18 WP/3**.

IMP/WG-A/12

2.22 The IMP/WG-A/12 meeting considered a working paper *Review of the Term “Authorized Users” in Annex 15 (IMP/WG-A/12 WP/4)* which was presented by Singapore as a result of AAITF/17 discussion of **AAITF/17 WP/8** and the Action Item 17/3 recorded in the AAITF Task List (**Figure 5**):

17/3	Submit a proposal to IMP/WG-A for replacement of <i>authorized user</i> with <i>next intended user</i> in Annex 15 5.4.1.1	TBA	Singapore	Open	AAITF/17 report 6.3
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**Figure 5:** AAITF Action Item 17/3

2.23 The IMP/WG-A/12 meeting accepted the proposal to amend Annex 15 *Aeronautical Information Services* paragraph 5.4.1.1 to align, for consistency, with the language used in ICAO Doc 10066 *Procedures for Air Navigation Services – Aeronautical Information Management (PANS-AIM)*. **Figure 6** summarizes the proposed amendment to Annex 15:

<p>ANNEX 15 AERONAUTICAL INFORMATION SERVICES (ANNEX 15)</p> <p>5.4 DISTRIBUTION SERVICES</p> <p>...</p> <p>5.4.1 General</p> <p>5.4.1.1 Aeronautical information products shall be distributed to <del>authorized users</del> <u>the next intended user</u> who request them.</p>	
<p><b>Origin:</b> IMP/WG-A/12-WP/04</p>	<p><b>Rationale:</b> Editorial change will provide better clarity and consistency across both documents Annex 15 and PANS-AIM Doc 10066 to avoid any ambiguities.</p>

**Figure 6:** Annex 15 Amendment proposed by IMP-WG/A/12

2.24 The Proposal for Amendment (PfA), supporting rationale and impact assessment would be presented to the IMP/3 meeting, scheduled to be held in Q3 2024.

**NEW:** Air Navigation Commission Outcomes

2.25 The Air Navigation Commission, at the Sixth Meeting of its 221st Session held on 29 November 2022, considered proposals developed by the Information Management Panel (IMP) to amend a number of Annexes to the Convention and Procedures for Air Navigation Services (PANS) including, inter alia:

- Annex 4 – *Aeronautical Charts*;
- Annex 15 – *Aeronautical Information Services*;
- *Procedures for Air Navigation Services – ICAO Abbreviations and Codes (PANS-ABC, Doc 8400)*; and
- *Procedures for Air Navigation Services – Aeronautical Information Management (PANS-AIM, Doc 10066)*;

as well as the publication of the first edition of *Procedures for Air Navigation Services – Information Management (PANS-IM)*.

2.26 The proposals were circulated in State Letter AN 2/36-23/6 dated 13 February 2023, which requested that comments reach Montreal by 14 August 2023.

2.27 The State Letter included *inter alia* proposals for amendment to:

- Annex 4, concerning aircraft with folding wing tips;

- Annex 15 and PANS-AIM, concerning competency-based training and assessment (CBTA) methodology;
- PANS-AIM concerning consistency of data appearing in multiple aeronautical information products;
- PANS-AIM concerning the processing of multi-part NOTAM;
- PANS-ABC concerning NOTAM code for hang-gliding and paragliding activities;
- Annex 15 and PANS-AIM concerning editorial changes; and
- Annex 15 (and the proposed first edition of PANS-IM) concerning system-wide information management and information security.

2.28 At the Seventh Meeting of the session the Air Navigation Commission considered proposals for the amendment of:

- Annex 4;
- PANS-Aircraft Operations (PANS-OPS, ICAO Doc 8168); and
- PANS-AIM;

Concerning charting navigation specifications and accuracies, instrument flight procedures for helicopter performance-based navigation (PBN) operations, altitudes on instrument procedures, quality assurance for flight procedure design and maintenance of criteria.

2.29 The proposals were circulated in State Letter SP 65/4-23/7 dated 20 January 2023, which requested that comments reach Montreal by 20 July 2023.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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