



ICAO

International Civil Aviation Organization

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

WGS-84 DATA REVALIDATION

(Presented by the Secretariat)

SUMMARY

This paper presents a proposed Draft Conclusion arising from discussion in the workshop on WGS-84 and Data Accuracy (AAITF/17 Agenda Item 2)

1. INTRODUCTION

1.1 The presentation *WGS-84 – What is it – Maintaining Data and the Impacts Related* 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. DISCUSSION

Heading

2.1 The meeting is invited to consider the following Draft Conclusion:

Draft Conclusion AAITF/17-X: 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, LIDAR survey, or imagery collection.

3. ACTION BY THE MEETING

3.1 The meeting is invited to discuss, amend and agree to the proposed Draft Conclusion.

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Draft Conclusion AAITF/17-X: Revalidation of Coordinate Data	
What: 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, LIDAR survey or imagery collection.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why: To ensure that coordinate data, particularly critical data, is revalidated to take account of factors causing it to change over time.	Follow-up: <input checked="" type="checkbox"/> Required from States
When: 21-Oct-22	Status: Draft to be adopted by Subgroup
Who: <input checked="" type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX	