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*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 4: AIS-AIM Updates**

### **AIS TO AIM UPDATE FOR FIJI**

(Presented by FIJI)

#### **SUMMARY**

This paper presents a brief overview on the implementation status of AIS to AIM in Fiji. As Fiji returns to a state of normalcy following the pandemic, implementation progress has been slow. The system is expected to be in place by 2025.

## **1. INTRODUCTION**

1.1 Fiji, as with the rest of the world was greatly impacted by the recent pandemic.

1.2 This impacted most of the major aviation projects in Fiji, such AIS to AIM, which had to be put on hold to ensure critical aviation services could be sustained.

## **2. DISCUSSION**

### Regional Priorities for Implementation

2.1 Fiji's status on the regional priorities for the Asia Pacific as agreed by the AAITF/9 in Pattaya Thailand are as follows:

- a) P-17 – Quality; Fiji has an AIS Quality Manual and is in the process of refining this;
- b) P-16 – Training; Static Data Operations (SDO) training has been conducted by GroupEAD for Aeronautical Information Services personnel. AIS to AIM training and specific systems training is pending;
- c) P-18 – Agreements with data originators; An Agreement is in place, however, specific data requirements as per the Data Catalogue have yet to be included. Agreements with external data originators have yet to be developed;
- d) P-11 – Electronic AIP; there is currently no application for the production of an E-AIP.

### Implementation of a National WGS-84 Geodetic Datum

2.2 Fiji is in the final stages of a change to its national geodetic datum from WGS72 to WGS84. The project is driven by the Ministry of Lands and supported by key stakeholders.

2.3 The Civil Aviation Authority (CAA) of Fiji and the Air Navigation Service Provider, Fiji Airports, were instrumental in pushing this project forward due to the requirement for implementation at our international airports.

2.4 Aerodrome mapping as well as mapping of Areas 1, 2 and 3 for terrain and obstacle data will be greatly improved when this project is completed.

Primary Legislation for AIM

2.5 The CAA Fiji is coordinating draft legislation that includes provision for the enforcement of all originators and publishers of aeronautical information to comply with Annex 15 and Annex 4 of the Convention.

2.6 The passing of this legislation will strengthen compliance by airport operators and data originators.

Hosting of Aeronautical Data on a Digital Database

2.7 The Air Navigation Service Provider, Fiji Airports, has engaged in an agreement with GroupEAD on the hosting of Fiji’s aeronautical data on the European AIS Database (EAD). This agreement will see Fiji Airports become a Data Provider and Data user of the EAD.

2.8 Having access to such a database will ensure that all aeronautical data will undergo integrity and accuracy checks. This agreement will ensure that Fiji’s aeronautical data is stored, monitored and extractable in digital format.

2.9 This arrangement will remain in place until the Air Navigation Service Provider, Fiji Airports, is able to purchase its own AIM Database and the required applications for the effective use of the data stored on the AIM Database.

Challenges on AIS to AIM Transition

2.10 The following are some of the implementation challenges experienced by Fiji:

- Lengthy process for enacting primary legislation;
- Lack of local programming skills to be able to develop own systems;
- Lack of capital to enable the purchase of a full system;
- Lack of AIS personnel to engage the initial part of the SDO database in to populate data;
- Competing priorities with other aviation projects has resulted in a lower priority being given to the AIS to AIM transition.

2.11 A higher level of involvement and commitment is required, particularly from Executive level to ensure the master transition roadmap is achieved.

**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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