



ICAO

*International Civil Aviation Organization***INFORMATION PAPER**

Asia and Pacific (APAC)

**Twenty-first Meeting of the Meteorological Information Exchange Working Group (MET/IE WG/21)**

Bangkok, Thailand, 27 to 29 March 2023

**Agenda Item 4: Meteorological information exchange in digital form****STATUS AND PLANS FOR IMPLEMENTATION OF IWXXM IN CAMBODIA**

(Presented by Cambodia)

**SUMMARY**

This paper presents about the update on Cambodia's status in the implementation of the ICAO Meteorological Information Exchange Model (IWXXM).

**1. INTRODUCTION**

1.1 The implementation of the ICAO Meteorological Information Exchange Model (IWXXM) for OPMET Exchange became a standard in Amendment 79 to ICAO Annex 3 which became effective on July 2020 and applicable on November 2020. This paper provides a brief update on the status and plans for the implementation of IWXXM in Cambodia.

**2. DISCUSSION**Current status of regarding IWXXM information

2.1 On 12 October 2022, Cambodia had successfully conducted a test for IWXXM messages exchange with Hong Kong Observatory (HKO) and Hong Kong Civil Aviation Department (HKCAD) through AMHS. Cambodia disseminated IWXXM METAR, TAF and SIGMET messages in IWXXM version 3.0 format to Hong Kong, and the messages were received and validated by HKO successfully. Hong Kong also disseminated OPMET data in IWXXM format to Cambodia and the messages were received successfully. However, Cambodia cannot decode the received SIGMET message in the latest IWXXM version (2021-2). Nonetheless, the above test demonstrated the capability of Cambodia in the implementation of IWXXM generation and exchange over AMHS.

2.2 In January 2023, a new OPMET system officially operate in 3 international airports in Cambodia, includes Phnom Penh International Airport, Siem Reap International Airport and Sihanouk International Airport.

Future plans

2.3 Cambodia will upgrade the IWXXM generation and translation software to support IWXXM version 2021-2.

2.4 Cambodia will continue to conduct further IWXXM exchange with Hong Kong China and other NOCs, ROCs, RODBs to facilitate the international exchange of IWXXM bulletin via AMHS in the APAC Region.

**3. ACTION BY THE MEETING**

3.1 Note the information contained in this paper.

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