International Civil Aviation Organization

INFORMATION PAPER

Asia and Pacific (APAC)
Twentieth Meeting of the Meteorological Information Exchange Working Group (MET/IE WG/20)

Online, 28 to 30 March 2022

Agenda Item 4: Meteorological information exchange in digital form

UPDATES ON THE IMPLEMENTATION OF IWXXM IN JAPAN

(Presented by Japan)

SUMMARY

This paper provides updated information on the implementation of ICAO Meteorological Information Exchange Model (IWXXM) format in Japan.

1. INTRODUCTION

1.1 The international exchange of IWXXM formatted OPMET information (METAR/SPECI, TAF, AIRMET, SIGMET, Volcanic Ash Advisory, Tropical Cyclone Advisory and Space Weather Advisory) became a standard practice in the Annex 3 from 5 November 2020.

1.2 Japan Civil Aviation Bureau and Japan Meteorology Agency (JMA) have been preparing for implementation of the exchange of IWXXM messages. This information paper provides Japan's progress on this matter.

2. DISCUSSION

Current status regarding IWXXM information

2.1 JMA started to disseminate IWXXM form (ver. 3.0) of OPMET information, which JMA has sent via AFTN in TAC form, on 24 March 2022. In addition, JMA became able to receive IWXXM information sent by other States on 15 March 2022.

2.2 IWXXM exchange test between Singapore and Japan was conducted on 16 February 2022. JMA has been received METAR and SIGMET of Singapore as a test since 22 February 2022.

2.3 IWXXM exchange test between Hong Kong China and Japan is going to be performed in March 2022.

Current status and preparation of AMHS connection

2.4 Japan implemented AMHS with FTBP in August 2015. Current connection status between Japan and the other States are as follows:

– Singapore: In operational phase since September 2020.
– Honk Kong, China: In operational phase since November 2020.
– United States: In operational phase since November 2020.

– China: In operational phase since June 2021.
– Taiwan: Connectivity test ongoing.
– South Korea: Connectivity test ongoing.

3. ACTION BY THE MEETING

3.1 Note the information contained in this paper.

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